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CATALOG 2025



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The Most Trusted Casters IN THE WORLD



To assure our products are of the utmost quality, we test to the highest standards and continually evaluate all production results and processes.

That's why we offer the **industry's leading 3-year warranty for all Colson branded products.**

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Associations / Memberships:



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THE GLOBAL LEADER IN CASTERS AND WHEELS



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Utilizing the latest in available technologies, our highly experienced global design and engineering teams ensure every detail in performance, materials and aesthetics are delivered to meet customer expectations and safety standards.



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We constantly strive to set standards in caster manufacturing innovation and automation. Colson's caster and wheel manufacturing facilities are located around the world, and Colson leads the industry in USA-made casters and wheels.



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Our trusted products are backed by the best support teams in the business. Located throughout the U.S., our teams provide local service nationwide. It's the committed service and support that you can rely on every time.

World Class Casters Backed by the **Best Support Team in the Business**

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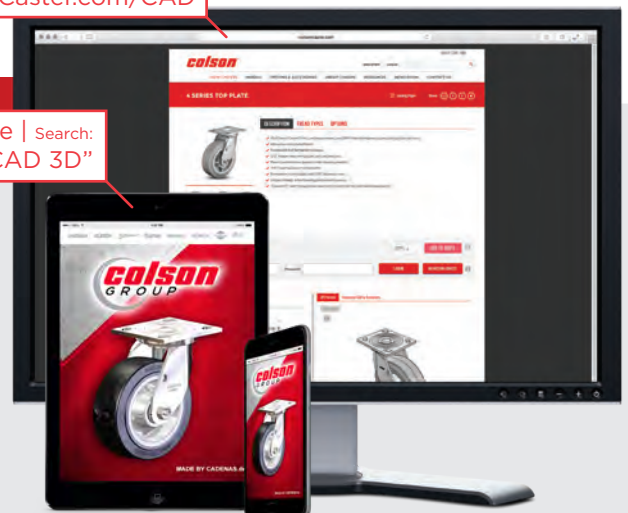
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How to Select the Proper Caster & Wheel
p. 6

Understanding our Model Numbers
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p. 8-9

1 Series

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Wood Furniture p. 10



Expanding Adapter p. 11



Grip Ring p. 12-13



Threaded p. 14-15



Square p. 16



Plate p. 17-19

Tread Width: 7/8"

Wheel Diameters: 1-5/8", 2", 3", 4" and 5"

Capacity: 60 lbs to 145 lbs each

Brake: Side lock

2 Series

Page: 20-37



Plate p. 20-21



Threaded p. 22-23



Grip Ring p. 24-25



Expanding Adapter p. 26-27



Modular p. 28-29



Square p. 30-31



Pipe Thread p. 32-33



Convertible Hand Truck p. 34



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Encore Dolly p. 35



Stainless p. 36-37

Tread Width: 1-1/4" to 1-15/32"

Wheel Diameters: 2-1/2", 3", 3-12", 4" and 5"

Capacity: 125 lbs to 350 lbs each

Brakes: Top lock, total lock, direction lock, tech lock

3 Series

Page: 38-41



Plate p. 38-39



Square p. 40-41



Round p. 40-41

Tread Width: 1-1/2"

Wheel Diameters: 3", 4", 5" and 6"

Capacity: 250 lbs to 400 lbs each

Brake: Top lock

4 Page: 42-48
Series



Plate p. 42-45 Defender Stainless p. 46-47 Business Machine p. 48

Tread Width: 1-1/2" or 2" **Wheel Diameters:** 3", 3-1/4", 4", 5", 6" and 8"
Capacity: 225 lbs to 2,000 lbs each **Brakes:** Tech lock, total lock, top lock, tread lock, side lock, swivel locks

6 Page: 50-51
Series



Plate p. 50-51

Tread Width: 2" or 2-1/2" **Wheel Diameters:** 4", 5", 6", 8" and 10"
Capacity: 300 lbs to 2,000 lbs each **Brakes:** Tread lock, side lock, swivel locks

Wheels Page: 52-82



Rubber & Thermoplastic p. 55-66 Polyurethane p. 67-73 HydroTech TPE p. 74 Nylon p. 76 Polyolefin p. 78-79 Phenolic p. 80-81 Cast Iron p. 82-84 Encore Handtruck p. 85

NEW
HYDROTECH™
INTRODUCING... the ultimate TPE wheel for the outdoors (page 74-75)

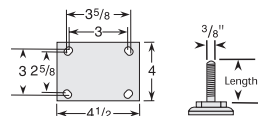
Polyurethane 2" wide wheels
NEW
Page 69

New 2 Series Wheel Models
NEW
Page 64

Parts and Accessories Page: 86-95



Mountings and Thread Guards Page: 96-98



How to Select the Proper Caster & 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.

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 pass over cracks in the floor, tracks, moldings and other obstructions. For floor protection on linoleum, tile, carpet, etc., use polyurethane or Performa 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, Colson polyurethane, polyolefin, Maxim, 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 ease, use Precision Ball Bearings where available. When possible, use the largest ball bearing wheel for best results.

Extreme Climates. Room temperatures are no problem for most casters, but extreme cold or heat can be a problem. Colson helps solve this problem with "Colson 45"—the green lube which assures caster rolling ease from 45°F below zero to 260°F above. It's standard on most Colson casters. (**Note:** Some wheel types should not be used in extreme temperature ranges. Consult factory.)

Your Local Distributor. Colson casters are available from stocking distributors across the U.S., Canada, & Mexico. Each is a caster specialist who can help you select the proper caster to suit your needs. Visit our website (www.colsoncaster.com), or contact us for details at 1-800-643-5515.

How to Select

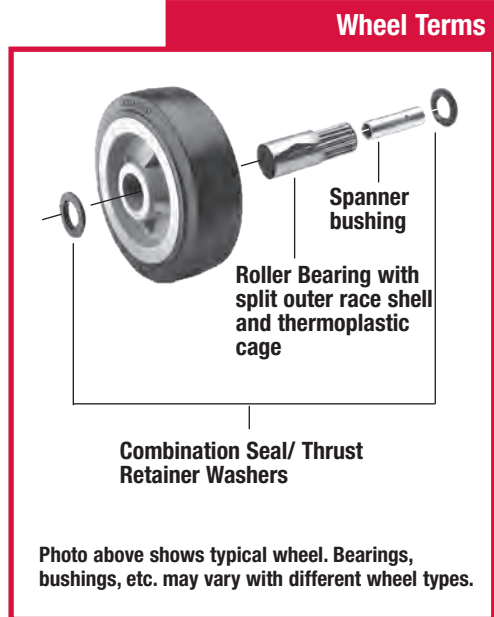
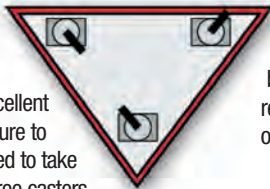


Photo above shows typical wheel. Bearings, bushings, etc. may vary with different wheel types.

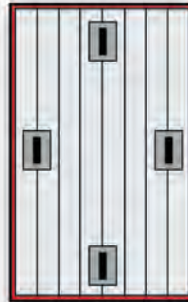
Caster Combinations for Trucks

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

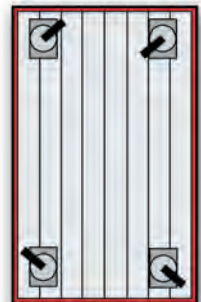
Three Swivel. For barrel dollies and small portable machines. Affords excellent maneuverability. Be sure to select casters designed to take the weight load on three casters rather than the usual four.



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.



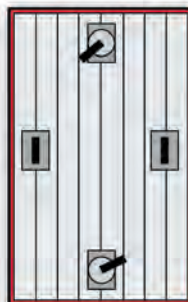
Four Swivel. Where a side motion is frequently needed, the four swivel arrangement is excellent. If the casters are equipped with swivel locks, this mounting is also practical for long straight travel as well as use on ramps. A most versatile arrangement.



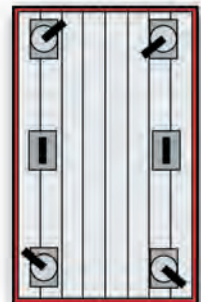
Two Rigid, Two Swivel. Most practical and inexpensive arrangement for straight and/or long distances. Can be used for heavy or medium loads, depending upon the weight capacity of the casters selected.



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.



Caster Model Number

PREFIX

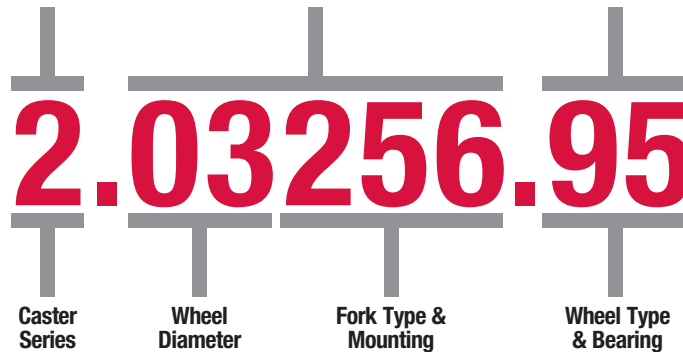
The prefix number shows the caster Series: 1 thru 8 Series with capacities ranging from 60 lbs to 6,000 lbs each.

BODY

The body number shows the wheel diameter and type of fork mounting (swivel, rigid, stem).

SUFFIX

The suffix number shows the type of wheel material and bearing.



The above caster model number is a 2 Series caster with swivel top plate fork and polyurethane tread wheel (HI-TECH).

Note: The replacement fork model number is the same as above except the wheel suffix is not included (For example 2.03256).

Wheel Model Number

PREFIX

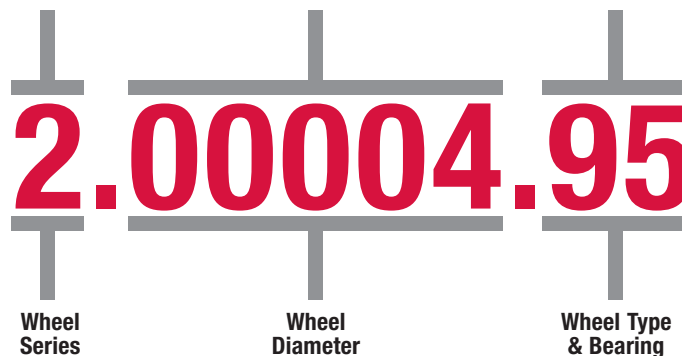
The prefix number shows the wheel Series: 1 thru 8 Series ranging from 60 lbs up to 7,200 lbs each.

BODY

The body number shows the wheel diameter.

SUFFIX

The suffix number shows the type of wheel material and bearing, and when applicable, the wheel tread width.



The above wheel model number is a 2 Series wheel with a diameter of 4", made with polyurethane tread and ball bearing.

Note: The diameter code is usually, but not always the diameter of the wheel (for example, the diameter code 3 could denote 3", 3 1/4" and 3 1/2" wheels). Please check wheel chart for actual diameter of wheel.

IMPORTANT NOTICE • CAPACITY RATINGS

Caster and wheel capacities shown in this catalog are based on normal operating conditions as defined by the Institute of Caster and Wheel Manufacturers (ICWM). Normal operating conditions, as defined by the ICWM, consist of manual operations on a relatively smooth surface (such as concrete) with normal minor obstacles. All bearings must be properly lubricated. Conditions of excessive temperature and/or dirt will reduce ratings. **Do not exceed the capacity ratings published in this catalog.**

CUSTOMER RESPONSIBILITIES

1. If caster stem is to be screwed into customer equipment, the customer must add a washer to the stem that will cover the incomplete threads and support the upper race.
2. The stem shoulder must fit tightly against the customer equipment.
3. It is the customer's responsibility to mount the caster in a workmanlike manner so there will be no risk to operator safety.
4. It is the customer's responsibility to determine the fitness of the caster for its application.

TOWING

Caster capabilities shown in catalog are tested at or above ICWM standards. A combination of factors or conditions may cause performance, capacity, and/or life spans to vary. Consult factory before ordering any products for power towed applications, to ensure proper rig, wheel and bearing combinations are specified.

Wheel Selection

FLOOR SURFACES

Wheel Selection Guide

WHEEL TYPE	CAPACITY (LBS EACH)	TEMPERATURE RANGE* (FAHRENHEIT)	FLOOR SURFACES										
			CARPET	BRICK	CONCRETE	LINOLEUM	ASPHALT	TERRAZZO	WOOD	SMOOTH STEEL	RIBBED STEEL	TILE	
Performa Rubber®	60 → 1700	-45° to +180° ¹	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Moldon Rubber	400 → 500	-45° to +160°	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Moldon Polyurethane	700 → 1500	-45° to +180°	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Polyurethane HI-TECH®	100 → 1700	-45° to +180°	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Endura®	1000 → 1200	-45° to +230°	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
K Solid Polyurethane	300 → 1500	-50° to +180°	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Maxim®	600 → 1400	-45° to +180°	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Thermo®	300 → 1100	-70° to +525° ³	✓	✓	✓					✓	✓		
Polyolefin	75 → 900	-45° to +180°	✓	✓	✓					✓	✓		
Phenolic	300 → 1400	-45° to +180°	✓	✓	✓				✓	✓			
Cast Iron	200 → 1200	-45° to +500°			✓					✓			
V-Groove	800 → 6000	-45° to +500°			✓					✓			

¹ 180° intermittent service; 120° continuous service
² 525° intermittent service; 490° continuous service
³ 525° intermittent service; 480° continuous service

*See Wheel Section (pages 52-85) for information regarding higher operating temperature ranges.

Performa Chemical Chart

Substance	Rating	Substance	Rating	Substance	Rating	Substance	Rating
Organics & Solvents		Methyl ethyl ketone	F	Acetic, 75%	G	Alkalies	
Acetone	G	Oakite (floor cleaner)	E	Acetic, glacial	G	Tartaric	F
Alcohol, butyl	G	Orangeve	X	Boric	G	Ammonium hydroxide	G
Alcohol, ethyl	G	Naptha	F	Butyric	G	G	
Alcohol, methyl	G	Nitrobenzene	X	Chromic	F	Calcium hydroxide	G
Aniline	G	Phenol	X	Citric	G	Potassium hydroxide	G
Benzene	X	Toluene	X	Fluoboric	G	Sodium hydroxide	G
Bravo (wax stripper diluted)	E	Trichloroethylene	X	Hydrobromic, 25%	G	Acids	
Carbon disulfide	X	Varsol	X	Hydrochloric, 10%	F	Acid salts	G-F
Carbon tetrachloride	X	Vestalene (detergent diluted)	E	Hydrofluoric	G	Alkaline salts	G
Chlorobenzene	X	Urine	E	Lactic	F	Neutral salts	G
Chloroform	X	Gases		Nitric, 5%	G	Miscellaneous salts:	
Colson 45 lubricant	G	Carbon dioxide	G	Nitric, 65%	X	Potassium dichromate	G
Enclean SS-2 (parts cleaner)	X	Carbon monoxide	G	Oleic	G	Potassium permanganate	G
Ethyl acetate	F	Chlorine, wet	F	Oleum	X	Salt water	G
Ethylene chloride	G	Chlorine, dry	F	Oxalic	G	Sodium cyanide	G
Ethylene dichloride	F	Hydrogen sulfide	G	Phosphoric, 25%	G	Sodium ferricyanide	G
Ethyl ether	G	Sulfur dioxide, wet	F	Phosphoric, 85%	G	Sodium hypochlorite	G
Formaldehyde, 37%	G	Sulfur dioxide, dry	F	Sulfuric, 10%	G		
Gasoline	X	Acids		Sulfuric, 78%	F		
Heptane	X	Acetic, 10-50%	G	Tannic	G		
Methylene chloride	X						

E=Excellent G=Good F=Fair X=Unacceptable

IMPORTANT NOTICE • CHEMICAL RESISTANCE CHART GUIDELINES

This chart lists an extensive range of chemicals, solvents and gases. Examine the listings in this chart to determine if your application is considered compatible with Performa wheels. Ratings are at 72°F. Concentrations of aqueous solutions

are saturated except where noted. Information in this chart is based on laboratory tests and results may vary in actual caster applications. Field testing is recommended to confirm compatibility with your particular application. For information on the compatibility of other fluids and chemicals, please contact the factory.

OPERATING CONDITIONS

Wheel Selection Guide

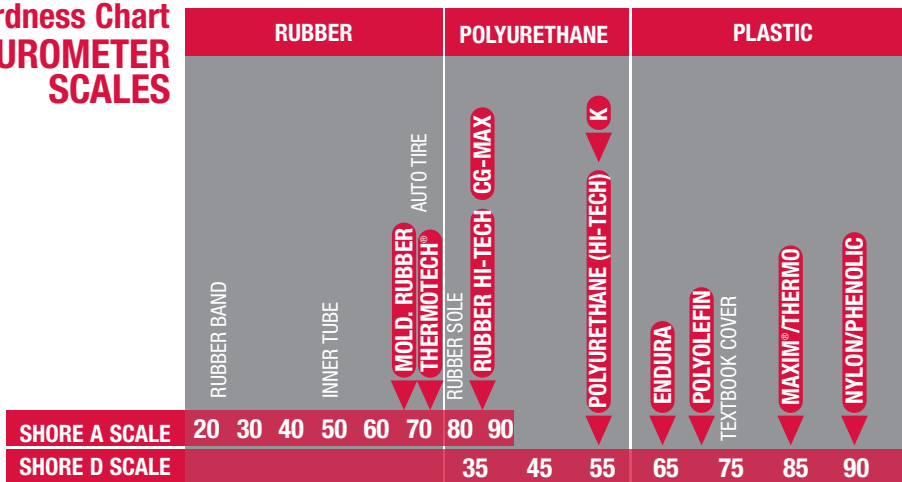
WATER	STEAM	MILD CHEMICALS***	OIL & GREASE	METAL CHIPS	HIGH HEAT (+250°F)	EXTREME COLD (-45°F)	ANIMAL FATS	NOISE REDUCTION	FLOOR PROTECTION	CUSHION LOAD	DURO-METER RATINGS	CATALOG PAGE NUMBER	WHEEL TYPE
✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	65(±5)A	55-63	Performa® Rubber
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	70(±5)A	66	Moldon Rubber
✓**		✓	✓	✓	✓	✓	✓	✓			45(±5)D	67, 72	Moldon Polyurethane
✓**		✓	✓	✓	✓	✓	✓	✓			55(±5)D	68-71	Polyurethane HI-TECH®
✓	✓	✓	✓	✓		✓	✓	✓			63(±5)D	73	Endura®
✓	✓	✓	✓	✓		✓	✓	✓			55(±5)D	71	K Solid Polyurethane
✓	✓	✓	✓	✓	✓	✓	✓				85(±5)D	76	Maxim®
✓	✓	✓	✓	✓	✓	✓	✓				85(±5)D	77	Thermo®
✓	✓	✓	✓		✓	✓		✓			70(±5)D	78-79	Polyolefin
		✓	✓	✓	✓	✓					90(±5)D	79-81	Phenolic
		✓	✓	✓	✓	✓					-	82-83	Cast Iron®
		✓	✓	✓	✓	✓					-	84	V-Groove

Intermittent contact at room temperature only. *Consult factory for harsh chemicals.

¹ Red crowned tread: 75(±5) Shore A, Brown crowned tread 90(±5) Shore A, Red round tread: 89(±5) Shore A, Blue round tread 95(±5) Shore A.

The above chart is designed to provide the user with a general comparison of Colson wheel types under a variety of floor surfaces and operating conditions. For specific applications or unusual conditions, please consult factory.

Wheel Hardness Chart
DUROMETER SCALES



How To Select Wheel

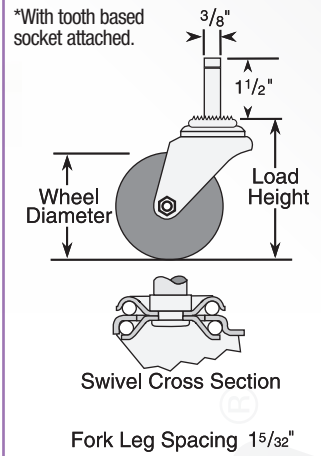
1 Series

WOOD FURNITURE STEM

Capacity up to **75 lbs each**



Standard Dimensions*



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- For use on wood furniture that can accept a 3/8" diameter hole approximately 1 5/8" deep
- **Stem Size:** 5/16" diameter x 1 1/2" long grip neck
- Standard No. 20 pressed steel adapter (Part #50011) with toothed base is supplied

Colson 1 Series Casters • Wood Furniture Stem • Capacity to 75 lbs

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Wheel Bearing	Stem Caster Models	Load Height	Swivel Radius	Weight (Pounds)
1 5/8"	7/8"	60	Perfoma Rubber	Delrin	1.01652.441	2 1/2"	1 3/4"	1/2
		75	Polyolefin	Delrin	1.01652.52	2 1/2"	1 3/4"	1/2
2"	7/8"	75	Perfoma Rubber	Delrin	1.02252.441	2 11/16"	1 15/16"	1/2
			Polyolefin	Delrin	1.02252.52	2 11/16"	1 15/16"	1/2
			Cushion Rubber	Ball	1.02252.45	2 11/16"	1 15/16"	1/2
			Hard Rubber	Ball	1.02252.55	2 11/16"	1 15/16"	1/2
3"	7/8"	75	Perfoma Rubber	Delrin	1.03052.441	3 13/16"	2 9/16"	3/4
			Polyurethane HI-TECH	Delrin	1.03052.91	3 13/16"	2 9/16"	3/4
			Polyolefin	Delrin	1.03052.53	3 13/16"	2 9/16"	3/4

Caster Brake



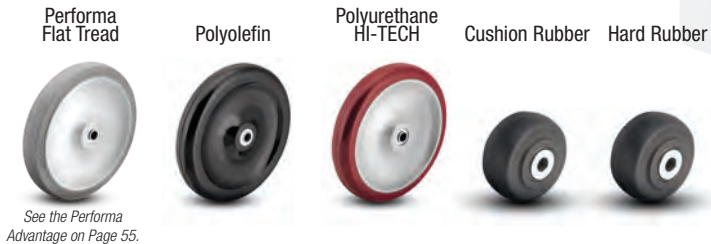
Side Lock
(See page 86) Available on all 3" models. Field installable (Specify **BRK3**; Example: 1.03052.53 BRK3).

Fork Options

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 1.01652).

Wheel Selection



Wheel Option

Thread Guards
(See page 98) Available on all 3" models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal; Example: 1.01652.441 TG1).



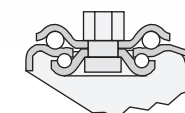
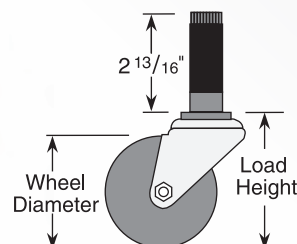
1 Series

EXPANDING ADAPTER STEM

Capacity up to **145 lbs each**



Standard Dimensions



Swivel Cross Section
Fork Leg Spacing 1 5/32"

Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- Turning of octagon on upper raceway expands rubber adapter inside of round or square tubing for a tight, permanent fit
- To order, select caster model number and specify stem adapter size by code number from mounting options chart at bottom right

Colson 1 Series Casters • Expanding Adapter Stem • Capacity to 145 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Wheel Bearing	Stem Caster Models*	Load Height	Swivel Radius	Weight (Pounds)
3"	7/8"	100	Polyurethane HI-TECH	Delrin	1.03367.91	3 7/8"	2 13/16"	1 1/4
		125	Performa Rubber	Delrin	1.03367.441	3 7/8"	2 13/16"	1 1/4
			Polyolefin	Delrin	1.03367.53	3 7/8"	2 13/16"	1 1/4
4"	7/8"	125	Polyurethane HI-TECH	Delrin	1.04367.91	4 7/8"	3 7/16"	1 1/2
		135	Performa Rubber	Delrin	1.04367.441	4 7/8"	3 7/16"	1 1/2
			Polyolefin	Delrin	1.04367.53	4 7/8"	3 7/16"	1 1/2
5"	7/8"	140	Polyurethane HI-TECH	Delrin	1.05367.91	5 7/8"	4 1/16"	1 3/4
		145	Performa Rubber	Delrin	1.05367.441	5 7/8"	4 1/16"	1 3/4
			Polyolefin	Delrin	1.05367.53	5 7/8"	4 1/16"	1 3/4

*To order you must include mounting code in the Mounting Options chart below (Example: 1.03367.91 MTG40).

Note: Expanding adapter temperature rating is 180°F.

Caster Brake



Side Lock (See page 86)
Available on all models. Field installable (Specify **BRK3**; Example: 1.03367.91 BRK3).

Fork Options

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 1.03367).

Wheel Selection



See the Performa Advantage on Page 55.

Wheel Option

Thread Guards (See page 98) Available on all 3" models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal; Example: 1.03367.91 TG1).

Mounting Options

(See page 97)

Inside Diameter of Tube	Mounting Code Numbers	
	Round Tubing	Square Tubing
3/4" - 13/16"	MTG40	-
7/8" - 15/16"	MTG41	MTG51
1" - 1 1/16"	MTG42	MTG52
1 1/8" - 1 3/16"	MTG43	MTG53
1 1/4" - 1 5/16"	MTG44	MTG54
1 3/8" - 1 7/16"	MTG45	MTG55
1 1/2" - 1 9/16"	MTG46	-
1 5/8" - 1 11/16"	MTG47	-

Stems are 2 11/16" long. Stem size less adapter: 1/2" - 13UNC x 2 13/16"

To order add the mounting code to Stem Caster Models number (Example: 1.03367.91 MTG40).

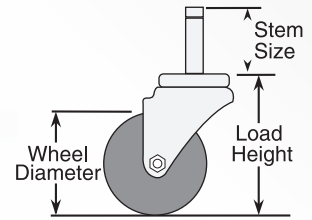
1 Series

Capacity up to 75 lbs each

GRIP RING STEM



Standard Dimensions



Swivel Cross Section
Fork Leg Spacing 1⁵/₃₂"

Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- Spring grip on top of stem holds caster firmly in place
- **Stem Size:** 7/16" x 1 29/32" long **with** grip ring

Colson 1 Series Casters • Grip Ring Stem • Capacity to 75 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Wheel Bearing	Stem Caster Models	Load Height	Swivel Radius	Weight (Pounds)
1 5/8"	7/8"	60	Performa Rubber	Delrin	1.01651.441	2 1/2"	1 3/4"	1/2
		75	Polyolefin	Delrin	1.01651.52	2 1/2"	1 3/4"	1/2
2"	7/8"	75	Performa Rubber	Delrin	1.02251.441	2 11/16"	1 15/16"	1/2
			Polyolefin	Delrin	1.02251.52	2 11/16"	1 15/16"	1/2
			Cushion Rubber	Ball	1.02251.45	2 11/16"	1 15/16"	5/8
			Hard Rubber	Ball	1.02251.55	2 11/16"	1 15/16"	5/8
3"	7/8"	75	Performa Rubber	Delrin	1.03051.441	3 13/16"	2 9/16"	3/4
			Polyurethane HI-TECH	Delrin	1.03051.91	3 13/16"	2 9/16"	3/4
			Polyolefin	Delrin	1.03051.53	3 13/16"	2 9/16"	3/4

Caster Brake



Side Lock
(See page 86) Available on all 3" models. Field installable (Specify **BRK3**; Example: 1.03051.53 BRK3).

Fork Options

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only

To order caster forks only use 1st 6 digits of model numbers (Example: 1.01651).

Wheel Selection



See the Performa Advantage on Page 55.

Wheel Option

Thread Guards

(See page 98) Available on all 3" models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal; Example: 1.01651.441 TG1).

Mounting Options

Standard Mounting (no code necessary):
7/16" x 1 29/32" long **with** grip ring.

MTG1: 3/8" x 1 9/16" long

MTG2: 7/16" x 1 9/16" long

MTG50: 7/16" x 1" long

MTG51: 7/16" x 1 29/32" long **less** grip ring

MTG57: 1/2" x 4 1/2" (ladder caster stem)

To order optional mounting, add mounting code to Stem Caster Models number (Example: 1.01651.441 MTG1).



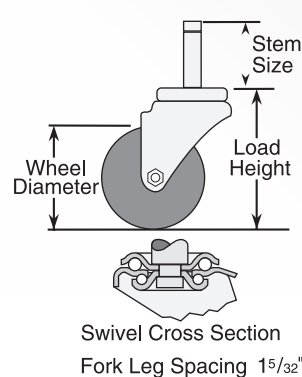
1 Series

Capacity up to **145 lbs each**

GRIP RING STEM



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- Spring grip on top of stem holds caster firmly in place
- Stem Size: 7/16" x 1 29/32" long with grip ring

Colson 1 Series Casters • Grip Ring Stem • Capacity to 145 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Wheel Bearing	Stem Caster Models	Load Height	Swivel Radius	Weight (Pounds)
3"	7/8"	100	Polyurethane HI-TECH	Delrin	1.03351.91	33/4"	213/16"	1
		125	Performa Rubber	Delrin	1.03351.441	33/4"	213/16"	11/8
			Polyolefin	Delrin	1.03351.53	33/4"	213/16"	11/8
4"	7/8"	125	Polyurethane HI-TECH	Delrin	1.04351.91	43/4"	37/16"	11/8
		135	Performa Rubber	Delrin	1.04351.441	43/4"	37/16"	13/8
			Polyolefin	Delrin	1.04351.53	43/4"	37/16"	13/8
5"	7/8"	140	Polyurethane HI-TECH	Delrin	1.05351.91	53/4"	41/16"	11/4
		145	Performa Rubber	Delrin	1.05351.441	53/4"	41/16"	15/8
			Polyolefin	Delrin	1.05351.53	53/4"	41/16"	11/8

Caster Brake



Side Lock (See page 86)
Available on all models. Field installable (Specify **BRK3**; Example: 1.03351.91 BRK3).

Fork Options

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only

To order caster forks only use 1st 6 digits of model numbers (Example: 1.03351).

Wheel Selection



Wheel Option

Thread Guards
(See page 98) Available on all 3" models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal; Example: 1.03351.91 TG1).

Mounting Options

Standard Mounting (no code necessary):
7/16" x 1 29/32" long with grip ring no plastic adapter.

MTG2: 7/16" x 1 1/2" long

MTG51: 7/16" x 1 29/32" long less grip ring

To order optional mounting, add mounting code to Stem Caster Model number (Example: 1.03367.91 MTG51).

Plastic Adapters

Snaps in place to reduce distortion and damage to furniture and equipment tubing.

Plastic adapters are non-conductive. To order, add plastic adapter mounting code from below to Stem Caster Model number (Example: 1.03351.91 MTG53).

MTG53: (No. 50810): Fits 7/8" x 18 ga. wall round tubing or any I.D. from 3/4" to 51/64".

MTG55: (No. 50865): Fits 1" x 14 ga. wall round tubing or any I.D. from 53/64" to 55/64".

MTG56: (No. 50916): Fits 1" x 16 ga. wall round tubing or any I.D. from 57/64" to 29/32".



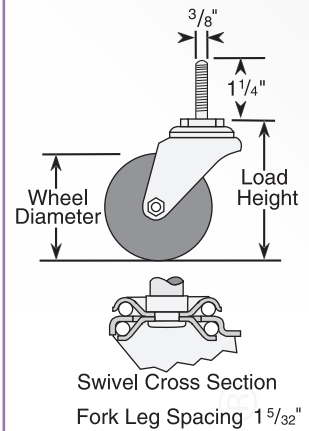
1 Series

Capacity up to 75 lbs each

THREADED STEM



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- Stem Size: 3/8" diameter - 16UNC x 1 1/4" long threaded 1 1/8"

IMPORTANT: If caster stem is to be screwed into customer equipment, the customer must add a washer to the stem that will cover the incomplete threads and support the upper race. The stem shoulder must fit tightly against the customer equipment.

Colson 1 Series Casters • Threaded Stem • Capacity to 75 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Wheel Bearing	Stem Caster Models	Load Height	Swivel Radius	Weight (Pounds)
1 5/8"	7/8"	60	Perfoma Rubber	Delrin	1.01654.441	2 1/2"	1 3/4"	3/8
		75	Polyolefin	Delrin	1.01654.52	2 1/2"	1 3/4"	3/8
2"	7/8"	75	Perfoma Rubber	Delrin	1.02254.441	2 11/16"	1 15/16"	3/8
			Polyolefin	Delrin	1.02254.52	2 11/16"	1 15/16"	3/8
			Cushion Rubber	Ball	1.02254.45	2 11/16"	1 15/16"	1/2
			Hard Rubber	Ball	1.02254.55	2 11/16"	1 15/16"	1/2
3"	7/8"	75	Perfoma Rubber	Delrin	1.03054.441	3 13/16"	2 9/16"	5/8
			Polyurethane HI-TECH	Delrin	1.03054.91	3 13/16"	2 9/16"	5/8
			Polyolefin	Delrin	1.03054.53	3 13/16"	2 9/16"	5/8

Caster Brake



Side Lock
(See page 86) Available on all 3" models. Field installable (Specify **BRK3**; Example: 1.03054.53 BRK3).

Fork Options

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only

To order caster forks only use 1st 6 digits of model numbers (Example: 1.01654).

Wheel Selection



See the Perfoma Advantage on Page 55.

Wheel Option

Thread Guards

(See page 98) Available on all 3" models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal; Example: 1.01654.441 TG1).

Mounting Options

Standard Mounting (no code necessary):
3/8" diameter - 16UNC x 1 1/4" long threaded 1 1/8".

MTG51: 3/8" diameter - 24NF x 1 1/16" long
To order optional mounting, add mounting code to Stem Caster Models number (Example: 1.01654.441 MTG51).



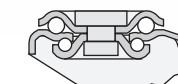
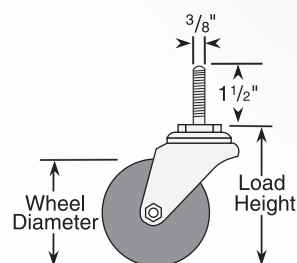
1 Series

Capacity up to **145 lbs each**

THREADED STEM



Standard Dimensions



Swivel Cross Section
Fork Leg Spacing 1 5/32"

Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- Stem Size: 3/8" diameter - 16UNC x 1 1/2" long threaded 1 3/8"

IMPORTANT: If caster stem is to be screwed into customer equipment, the customer must add a washer to the stem that will cover the incomplete threads and support the upper race. The stem shoulder must fit tightly against the customer equipment.

Colson 1 Series Casters • Threaded Stem • Capacity to 145 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Wheel Bearing	Stem Caster Models	Load Height	Swivel Radius	Weight (Pounds)
3"	7/8"	100	Polyurethane HI-TECH	Delrin	1.03354.91	3 3/4"	2 13/16"	11/8
		125	Performa Rubber	Delrin	1.03354.441	3 3/4"	2 13/16"	11/8
			Polyolefin	Delrin	1.03354.53	3 3/4"	2 13/16"	11/8
4"	7/8"	125	Polyurethane HI-TECH	Delrin	1.04354.91	4 3/4"	3 7/16"	1 3/8
		135	Performa Rubber	Delrin	1.04354.441	4 3/4"	3 7/16"	1 3/8
			Polyolefin	Delrin	1.04354.53	4 3/4"	3 7/16"	1 3/8
5"	7/8"	140	Polyurethane HI-TECH	Delrin	1.05354.91	5 3/4"	4 1/16"	1 5/8
		145	Performa Rubber	Delrin	1.05354.441	5 3/4"	4 1/16"	1 5/8
			Polyolefin	Delrin	1.05354.53	5 3/4"	4 1/16"	1 5/8

Caster Brake



Side Lock (See page 86)
Available on all models. Field installable (Specify **BRK3**; Example: 1.03354.91 BRK3).

Fork Options

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only

To order caster forks only use 1st 6 digits of model numbers (Example: 1.03354).

Wheel Selection



See the Performa Advantage on Page 55.

Wheel Option

Thread Guards

(See page 98) Available on all 3" models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal; Example: 1.03354.91 TG1).

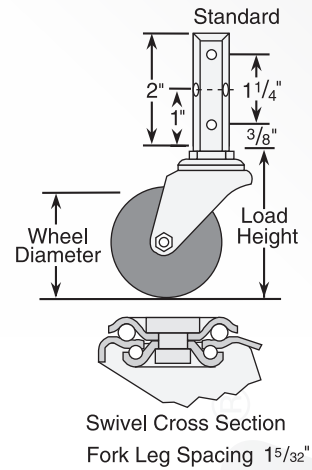
1 Series

Capacity up to **145 lbs each**

SQUARE STEM



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- Designed for easy installation on the inside of angle iron legs or against flat surfaces
- Stems may be bolted or riveted against any flat vertical surface
- **Stem Size:** 2" long x 3/4" square with 3 mounting holes 17/64" diameter

Colson 1 Series Casters • Square Stem • Capacity to 145 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Wheel Bearing	Stem Caster Models	Load Height	Swivel Radius	Weight (Pounds)
3"	7/8"	100	Polyurethane HI-TECH	Delrin	1.03370.91	3 3/4"	2 13/16"	1 1/4
		125	Performa Rubber	Delrin	1.03370.441	3 3/4"	2 13/16"	1 1/4
			Polyolefin	Delrin	1.03370.53	3 3/4"	2 13/16"	1 1/4
4"	7/8"	125	Polyurethane HI-TECH	Delrin	1.04370.91	4 3/4"	3 7/16"	1 1/2
		135	Performa Rubber	Delrin	1.04370.441	4 3/4"	3 7/16"	1 1/2
			Polyolefin	Delrin	1.04370.53	4 3/4"	3 7/16"	1 1/2
5"	7/8"	140	Polyurethane HI-TECH	Delrin	1.05370.91	5 3/4"	4 1/16"	1 3/4
		145	Performa Rubber	Delrin	1.05370.441	5 3/4"	4 1/16"	1 3/4
			Polyolefin	Delrin	1.05370.53	5 3/4"	4 1/16"	1 3/4

Caster Brake



Side Lock
(See page 86) Available on all models. Field installable (Specify **BRK3**; Example: 1.03370.441 BRK3).

Fork Options

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only

To order caster forks only use 1st 6 digits of model numbers (Example: 1.03370).

Wheel Selection



See the Performa Advantage on Page 55.

Wheel Option

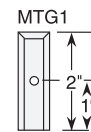
Thread Guards

(See page 98) Available on all 3" models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal; Example: 1.03370.91 TG1).

Mounting Options

Standard Mounting (no code necessary):
2" long x 3/4" square with 3 mounting holes 17/64" diameter.

MTG1: Optional Square Stem:
2" long x 7/8" square with 1 mounting hole 17/64" diameter.



To order optional mounting, add mounting code above to Stem Caster Models number (Example: 1.03370.91 MTG1).



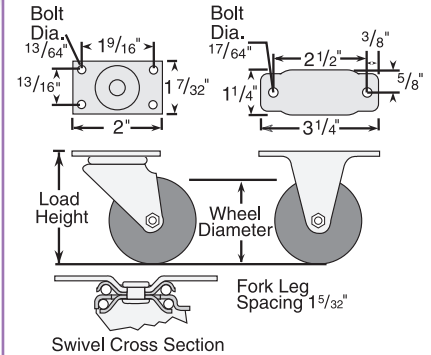
1 Series

Capacity up to **75 lbs each**

SMALL TOP PLATE Swivel & Rigid



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- Rigid caster mounting holes do not match swivel

Colson 1 Series Casters • Small Top Plate Swivel and Rigid • Capacity to 75 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Wheel Bearing	Swivel Top Plate Caster Models	Rigid Top Plate Caster Models	Load Height	Swivel Radius	Weight (Pounds)
1 5/8"	7/8"	60	Performa Rubber	Delrin	1.01666.441	1.01610.441	29/16"	1 3/4"	3/8
		75	Polyolefin	Delrin	1.01666.52	1.01610.52	29/16"	1 3/4"	3/8
2"	7/8"	75	Performa Rubber	Delrin	1.02266.441	1.02210.441	2 3/4"	1 15/16"	1/2
			Polyolefin	Delrin	1.02266.52	1.02210.52	2 3/4"	1 15/16"	1/2
			Cushion Rubber	Ball	1.02266.45	1.02210.45	2 3/4"	1 15/16"	1/2
			Hard Rubber	Ball	1.02266.55	1.02210.55	2 3/4"	1 15/16"	1/2
3"	7/8"	75	Performa Rubber	Delrin	1.03066.441	—	3 7/8"	29/16"	3/4
			Polyurethane HI-TECH	Delrin	1.03066.91	—	3 7/8"	29/16"	3/4
			Polyolefin	Delrin	1.03066.53	—	3 7/8"	29/16"	3/4

Caster Brake



Side Lock (See page 86)
Available on all 3" swivel models. Field installable (Specify **BRK3**; Example: 1.03066.91 BRK3).

Fork Options

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only

To order caster forks only use 1st 6 digits of model numbers (Example: 1.01666).

Wheel Selection



See the Performa Advantage on Page 55.

Wheel Option

Thread Guards

(See page 98) Available on all 3" models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal; Example: 1.01666.441 TG1).

1 Series

Capacity up to **75 lbs each**

TOP PLATE Swivel & Rigid

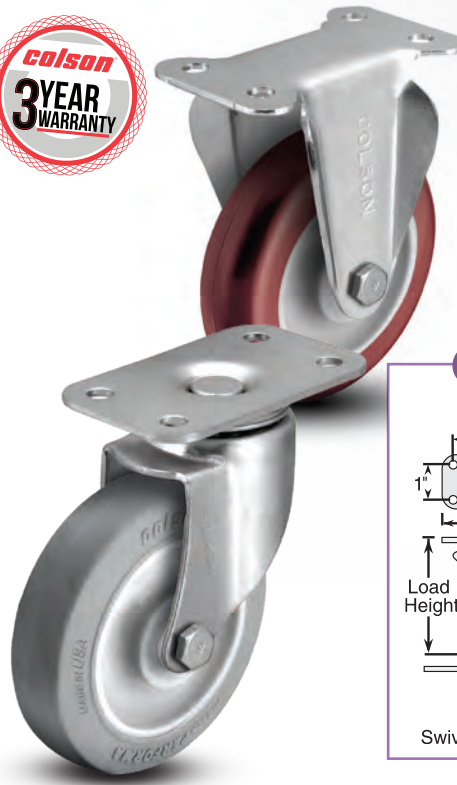


Features

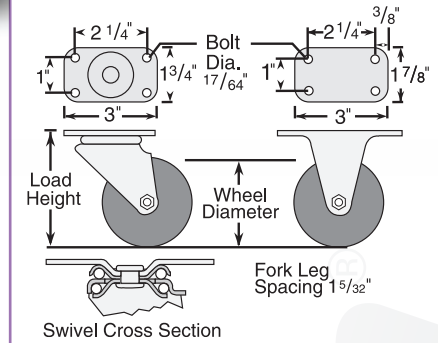
- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- Rigid caster available with 3" diameter wheel only



Standard Dimensions



Colson 1 Series Casters • Top Plate Swivel and Rigid • Capacity to 75 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Wheel Bearing	Swivel Top Plate Caster Models	Rigid Top Plate Caster Models	Load Height	Swivel Radius	Weight (Pounds)
1 5/8"	7/8"	60	Performa Rubber	Delrin	1.01656.441	—	29/16"	1 3/4"	1/2
		75	Polyolefin	Delrin	1.01656.52	—	29/16"	1 3/4"	1/2
2"	7/8"	75	Performa Rubber	Delrin	1.02256.441	—	2 3/4"	1 15/16"	1/2
			Polyolefin	Delrin	1.02256.52	—	2 3/4"	1 15/16"	1/2
			Cushion Rubber	Ball	1.02256.45	—	2 3/4"	1 15/16"	5/8
			Hard Rubber	Ball	1.02256.55	—	2 3/4"	1 15/16"	5/8
3"	7/8"	75	Performa Rubber	Delrin	1.03056.441	1.03010.441	3 7/8"	2 9/16"	3/4
			Polyurethane HI-TECH	Delrin	1.03056.91	1.03010.91	3 7/8"	2 9/16"	3/4
			Polyolefin	Delrin	1.03056.53	1.03010.53	3 7/8"	2 9/16"	3/4

Caster Brake



Side Lock
(See page 86) Available on all 3" swivel models. Field installable (Specify **BRK3**; Example: 1.03056.53 BRK3).

Fork Option

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only

To order caster forks only use 1st 6 digits of model numbers (Example: 1.01656).

Wheel Selection



See the Performa Advantage on Page 55.

Wheel Option

Thread Guards

(See page 98) Available on all 3" models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal; Example: 1.01656.441 TG1).

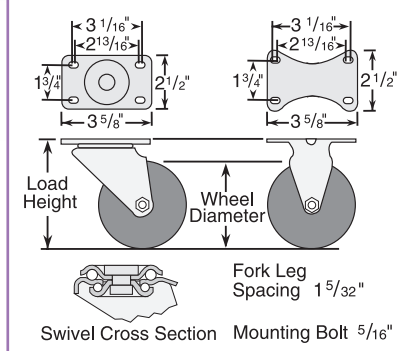


1 Series

LARGE TOP PLATE Swivel & Rigid
Capacity up to **145 lbs each**



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- .090" steel top plate
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Colson 1 Series Casters • Large Top Plate Swivel and Rigid • Capacity to 145 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Wheel Bearing	Swivel Top Plate Caster Models	Rigid Top Plate Caster Models	Load Height	Swivel Radius	Weight (Pounds)
3"	7/8"	100	Polyurethane HI-TECH	Delrin	1.03356.91	1.03008.91	3 3/4"	2 13/16"	1 1/4
		125	Performa Rubber	Delrin	1.03356.441	1.03008.441	3 3/4"	2 13/16"	1 1/4
			Polyolefin	Delrin	1.03356.53	1.03008.53	3 3/4"	2 13/16"	1 1/4
4"	7/8"	125	Polyurethane HI-TECH	Delrin	1.04356.91	1.04008.91	4 3/4"	3 7/16"	1 1/2
		135	Performa Rubber	Delrin	1.04356.441	1.04008.441	4 3/4"	3 7/16"	1 1/2
			Polyolefin	Delrin	1.04356.53	1.04008.53	4 3/4"	3 7/16"	1 1/2
5"	7/8"	140	Polyurethane HI-TECH	Delrin	1.05356.91	1.05008.91	5 3/4"	4 1/16"	1 3/4
		145	Performa Rubber	Delrin	1.05356.441	1.05008.441	5 3/4"	4 1/16"	1 3/4
			Polyolefin	Delrin	1.05356.53	1.05008.53	5 3/4"	4 1/16"	1 3/4

Caster Brake



Side Lock
(See page 86) Available on all swivel models. Field installable (Specify **BRK3**; Example: 1.03356.91 BRK3).

Fork Option

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 1.03356).

Wheel Selection



See the Performa Advantage on Page 55.

Wheel Option

Thread Guards
(See page 98) Available on all 3" models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal; Example: 1.03356.91 TG1).

2 Series

Capacity up to **350 lbs each**

TOP PLATE Swivel & Rigid



Consult factory for RoHS requirements on a part specific basis.

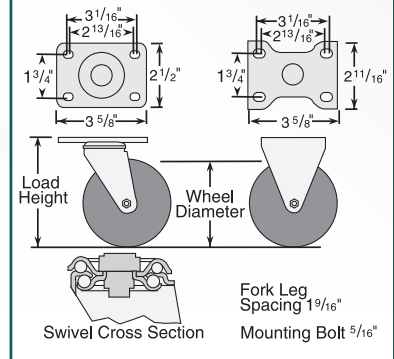
Consult the NSF listing page on a part specific basis for NSF requirements.

Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing for greater convenience
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures



Standard Dimensions



Caster Brake



Top Lock
(See page 86) Available on all swivel models with solid axle only. Field installable (Specify **BRK1**; Example: 2.05256.91 BRK1).



Posi Lock
(See page 87) Available on all swivels. Field installable (Specify **BRK8**; Example: 2.05256.319 BRK8).



Total Lock
(See page 86) Locks wheel and swivel simultaneously. Fits 3", 3 1/2", 4", 5" and 6" swivel models. Field installable (Specify **BRK5**; Example: 2.05256.53 BRK5).



Directional Lock
(See page 87) Available with standard top plate only. For optional top plates, consult factory. To order with caster, change 4th digit to "1" (Example: 2.05156.91).

Note: No Dust Cap Available.

Fork Option

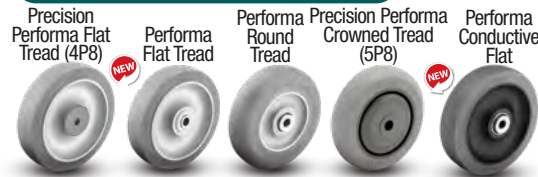
NSF Listed For Food Service Industry
Consult factory for details.

Swivel Dust Cap
(See page 90) (Specify **DC1** standard; **DC2** Dust Cap w/ grease seal and zerk) Example: 2.05256.441 **DC2**.

Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 2.05256).

Axle/Nut Options Consult factory.

Wheel Selection



See the Performa Advantage on Page 55.



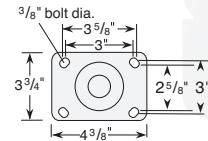
Wheel Options

Standard Thread Guards
Full thread guards are standard on Precision Polyurethane HI-TECH (9P8) and Performa Crowned Tread (5P8). Partial Thread Guards are standard on Precision Performa Rubber Flat Tread models (4P8).

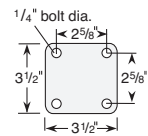
Optional Thread Guards
(See page 98) Available on many models. Specify **TG1** for metal or **TG2** for plastic; Example: 2.05256.441 TG2.

Optional Top Plates

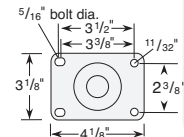
27 Top Plate (Swivel)
(Specify **MTG27**)



35 Top Plate (Swivel)
(Specify **MTG35**)



59 Top Plate (Swivel)
(Specify **MTG59**).



To order optional top plate, add mounting code to Swivel Top Plate Caster Models number (Example: 2.02256.445 MTG27).

Prevenz™ Antimicrobial for Medical and Food Service Industries. This caster wheel additive inhibits the growth of harmful microbes, including bacteria, mold, and fungi. Available for Precision Performa Flat/Crowned and Precision Polyurethane HI-Tech. To order, add "PREV" to the caster number. Example: 2.05256.9P8 PREV.



3D CAD Models & Data Sheets
www.colsoncaster.com/casters

Colson 2 Series Casters • Top Plate Swivel & Rigid • Capacity to 350 lbs

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Standard Bearings	Swivel Caster Models	Rigid Caster Models	Optional Bearings	Load Height	Swivel Radius	Weight (Pounds)	
2 1/2"	1 1/4"	125	Performa Flat Conductive	Ball	2.02256.445COND	2.02208.445COND	—	3 7/8"	2 13/32"	1 5/8	
		140	Performa Flat	Ball	2.02256.445	2.02208.445	Delrin (441)	3 7/8"	2 13/32"	1 5/8	
		200	Polyolefin	Ball	2.02256.55	2.02208.55	Delrin (53)	3 7/8"	2 13/32"	1 5/8	
		250	Polyurethane Hi-Tech Maroon	Ball	2.02256.95	2.02208.95	Delrin (91)	3 7/8"	2 13/32"	1 5/8	
		250	Polyurethane Hi-Tech Grey	Ball	2.02256.95G	2.02208.95G	Delrin (91G)	3 7/8"	2 13/32"	1 5/8	
	300	Cast Iron	Plain	2.02256.12	2.02208.12	—	—	3 7/8"	2 13/32"	2	
	1 7/16"	300	Phenolic	Roller	2.02256.319	2.02208.319	—	3 7/8"	2 13/32"	2	
3"	1 1/4"	150	Soft Rubber	Plain	2.03356.RR2	2.03308.RR2	—	3 11/16"	2 29/32"	2 1/4	
		200	Polyolefin	Ball	2.03356.55	2.03308.55	Delrin (52)	4 1/8"	2 21/32"	2	
		200	Performa Flat	Ball	2.03356.445	2.03308.445	Delrin (441)	4 1/8"	2 21/32"	2	
		200	Precision Performa Flat	Precision Ball	2.03356.4P8	2.03308.4P8	—	4 1/8"	2 21/32"	2	
		200	Performa Crown	Precision Ball	2.03356.5P8	2.03308.5P8	—	4 1/8"	2 21/32"	2	
		200	Performa Flat Conductive	Ball	2.03356.445COND	2.03308.445COND	—	4 1/8"	2 21/32"	2	
		200	Polyolefin	Ball	2.03356.55	2.03308.55	Delrin (52)	4 1/8"	2 21/32"	2	
		300	Polyurethane Hi-Tech Maroon	Ball	2.03356.95	2.03308.95	Delrin (91)	4 1/8"	2 21/32"	2	
		300	Polyurethane Hi-Tech Grey	Ball	2.03356.95G	2.03308.95G	Delrin (91G)	4 1/8"	2 21/32"	2	
		300	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.03356.9P8	2.03308.9P8	—	4 1/8"	2 21/32"	2	
		300	K Solid Polyurethane	Plain	2.03356.KK2	2.03308.KK2	—	—	4 1/8"	2 21/32"	2
		300	Cast Iron	Plain	2.03356.14	2.03308.14	—	—	4 1/8"	2 21/32"	2 3/4
		350	Hard Rubber	Plain	2.03356.RN2	2.03308.RN2	—	—	3 11/16"	2 29/32"	2 1/4
	1 15/32"	350	Phenolic	Roller	2.03356.309	2.03308.309	—	—	4 1/8"	2 21/32"	2 3/4
3 1/2"	1 1/4"	150	Soft Rubber	Plain	2.03256.RR2	2.03208.RR2	—	4 11/16"	2 29/32"	2 1/4	
		250	Performa Flat	Ball	2.03256.445	2.03208.445	Delrin (441)	4 11/16"	2 29/32"	2	
		250	Performa Flat Conductive	Ball	2.03256.445COND	2.03208.445COND	—	4 11/16"	2 29/32"	2	
		250	Precision Performa Flat	Precision Ball	2.03256.4P8	2.03208.4P8	—	4 11/16"	2 29/32"	2	
		250	Performa Crown	Precision Ball	2.03256.5P8	2.03208.5P8	—	4 11/16"	2 29/32"	2 1/4	
	1 5/16"	250	Performa Round	Ball	2.03256.565	2.03208.565	Delrin (561)	4 11/16"	2 29/32"	2 1/4	
		250	Performa Round Conductive	Ball	2.03256.565COND	2.03208.565COND	—	4 11/16"	2 29/32"	2	
	1 1/4"	280	Polyolefin	Ball	2.03256.55	2.03208.55	Delrin (53)	4 11/16"	2 29/32"	1 7/8	
		300	Thermo	Plain	2.03256.52HT	2.03208.52HT	—	—	4 11/16"	2 29/32"	2 7/8
		300	Cast Iron	Plain	2.03256.12	2.03208.12	—	—	4 11/16"	2 29/32"	3
		350	Phenolic	Roller	2.03256.309	2.03208.309	—	—	4 11/16"	2 29/32"	3
		350	Hard Rubber	Plain	2.03256.RN2	2.03208.RN2	—	—	4 11/16"	2 29/32"	2 1/4
		350	Polyurethane Hi-Tech Maroon	Ball	2.03256.95	2.03208.95	Delrin (91)	4 11/16"	2 29/32"	2	
		350	Polyurethane Hi-Tech Grey	Ball	2.03256.95G	2.03208.95G	Delrin (91G)	4 11/16"	2 29/32"	1 7/8	
	350	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.03256.9P8	2.03208.9P8	—	—	4 11/16"	2 29/32"	1 7/8	
4"	1 1/4"	150	Soft Rubber	Plain	2.04256.RR2	2.04208.RR2	—	5 1/8"	3 29/32"	2 1/4	
		300	Performa Flat	Ball	2.04256.445	2.04208.445	Delrin (441)	5 1/8"	3 29/32"	2 1/4	
		300	Performa Flat Conductive	Ball	2.04256.445COND	2.04208.445COND	—	—	5 1/8"	3 29/32"	2 1/4
		300	Precision Performa Flat	Precision Ball	2.04256.4P8	2.04208.4P8	—	—	5 1/8"	3 29/32"	2 1/4
		300	Performa Crown	Precision Ball	2.04256.5P8	2.04208.5P8	—	—	5 1/8"	3 29/32"	2 1/4
		300	Thermo	Plain	2.04256.52HT	2.04208.52HT	—	—	5 1/8"	3 29/32"	3 1/8
		300	Cast Iron	Plain	2.04256.12	2.04208.12	—	—	5 1/8"	3 29/32"	3 3/8
		350	Polyolefin	Ball	2.04256.55	2.04208.55	Delrin (53)	5 1/8"	3 29/32"	2 1/8	
		350	Polyurethane Hi-Tech Maroon	Ball	2.04256.95	2.04208.95	Delrin (91)	5 1/8"	3 29/32"	2 1/8	
		350	Polyurethane Hi-Tech Grey	Ball	2.04256.95G	2.04208.95G	Delrin (91G)	5 1/8"	3 29/32"	2 1/8	
		350	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.04256.9P8	2.04208.9P8	—	—	5 1/8"	3 29/32"	2 1/4
		350	K Solid Polyurethane	Plain	2.04256.KK2	2.04208.KK2	—	—	5 1/8"	3 29/32"	2 1/4
		350	Hard Rubber	Plain	2.04256.RN2	2.04208.RN2	—	—	5 1/8"	3 29/32"	2 1/4
	350	Phenolic	Roller	2.04256.309	2.04208.309	—	—	5 1/8"	3 29/32"	3 3/8	
5"	1 1/4"	175	Soft Rubber	Plain	2.05256.RR2	2.05208.RR2	—	6 3/16"	3 13/16"	3	
		300	Cast Iron	Plain	2.05256.12	2.05208.12	—	—	6 3/16"	3 13/16"	2 1/2
		325	Performa Flat	Ball	2.05256.445	2.05208.445	Delrin (441)	6 3/16"	3 13/16"	3 1/2	
		325	Performa Flat Conductive	Ball	2.05256.445COND	2.05208.445COND	—	—	6 3/16"	3 13/16"	3
		325	Precision Performa Flat	Precision Ball	2.05256.445	2.05208.445	—	—	6 3/16"	3 13/16"	3 1/2
	1 5/16"	325	Performa Crown	Precision Ball	2.05256.5P8	2.05208.5P8	—	—	6 3/16"	3 13/16"	2 3/4
		325	Performa Round Conductive	Ball	2.05256.565COND	2.05208.565COND	—	—	6 3/16"	3 13/16"	3
	1 1/4"	325	Performa Round	Ball	2.05256.565	2.05208.565	Delrin (561)	6 3/16"	3 13/16"	3	
		350	Hard Rubber	Plain	2.05256.RN2	2.05208.RN2	—	—	6 3/16"	3 13/16"	3
		350	Polyolefin	Ball	2.05256.55	2.05208.55	Delrin (53)	6 3/16"	3 13/16"	2 1/2	
		350	Polyurethane Hi-Tech Maroon	Ball	2.05256.95	2.05208.95	Delrin (91)	6 3/16"	3 13/16"	2 1/2	
		350	Polyurethane Hi-Tech Grey	Ball	2.05256.95G	2.05208.95G	Delrin (91G)	6 3/16"	3 13/16"	2 1/2	
		350	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.05256.9P8	2.05208.9P8	—	—	6 3/16"	3 13/16"	2 1/2
		350	K Solid Polyurethane	Plain	2.05256.KK2	2.05208.KK2	—	—	6 3/16"	3 13/16"	2 1/2
350	Thermo	Plain	2.05256.52HT	2.05208.52HT	—	—	6 3/16"	3 13/16"	3 3/4		
350	Phenolic	Roller	2.05256.309	2.05208.309	—	—	6 3/16"	3 13/16"	3 3/4		
6"	1 1/4"	350	Performa Flat	Ball	2.06256.445	2.06208.445	Delrin (441)	7 1/4"	4 5/16"	3 1/4	
		350	Performa Flat Conductive	Ball	2.06256.445COND	2.06208.445COND	—	—	7 1/4"	4 5/16"	3 1/4
		350	Polyurethane Hi-Tech Maroon	Ball	2.06256.95	2.06208.95	Delrin (91)	7 1/4"	4 5/16"	2 7/8	
		350	Polyurethane Hi-Tech Grey	Ball	2.06256.95G	2.06208.95G	Delrin (91G)	7 1/4"	4 5/16"	3 7/8	
		350	Polyolefin	Ball	2.06256.55	2.06208.55	Delrin (53)	7 1/4"	4 5/16"	2 7/8	

2 Series

2 Series

Capacity up to **350 lbs each**



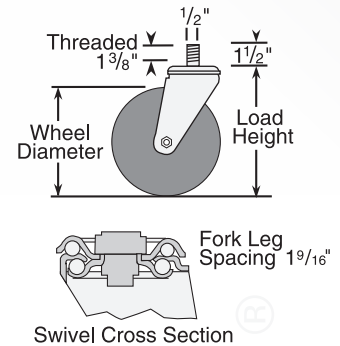
Consult factory for RoHS requirements on a part specific basis.



Consult the NSF listing page on a part specific basis for NSF requirements.



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing for greater convenience
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- **Stem Size:** 1/2" diameter – 13UNC X 1 1/2" long, threaded 1 3/8"
- **Easy Installation:** The 7/16" hex nut beneath the lower raceway makes it fast and easy to install these casters on a wide variety of equipment

Caster Brake



Top Lock

(See page 86) Available on all swivel models with solid axle only. Field installable (Specify **BRK1**; Example: 2.05254.91 BRK1).



Posi Lock

(See page 87) Available on all swivels. Field installable (Specify **BRK8**; Example: 2.05254.4P5 BRK8).



Total Lock

(See page 86) Locks wheel and swivel simultaneously. Fits 3 1/2", 4" and 5" swivel models. Field installable (Specify **BRK5**; Example: 2.05254.12 BRK5).

Fork Option

NSF Listed For Food Service Industry
Consult factory for details.

Swivel Dust Cap

(See page 90) (Specify **DC1**; Example: 2.05254.441 DC1).

Forks Only

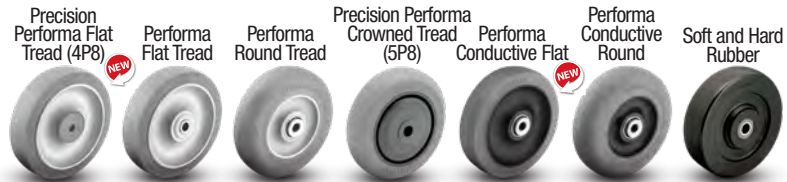
To order caster forks only use 1st 6 digits of model numbers (Example: 2.02254).

Axle/Nut Options

Consult factory.

IMPORTANT: If caster stem is to be screwed into customer equipment, the customer must add a washer to the stem that will cover the incomplete threads and support the upper race. The stem shoulder must fit tightly against the customer equipment.

Wheel Selection



See the Performa Advantage on Page 55.



Wheel Options

Standard Thread Guards

Full thread guards are standard on Precision Polyurethane HI-TECH (9P8) and Performa Crowned Tread (5P8). Partial Thread Guards are standard on Precision Performa Rubber Flat Tread models (4P8).

Optional Thread Guards

(See page 98) Available on many models. Specify **TG1** for metal or **TG2** for plastic; Example: 2.05254.441 TG2.

Prevenz™ Antimicrobial for Medical and Food Service Industries.

This caster wheel additive inhibits the growth of harmful microbes, including bacteria, mold, and fungi. Available for Precision Performa Flat/Crowned and Precision Polyurethane HI-Tech. To order, add "**PREV**" to the caster number. Example: 2.05254.9P8 **PREV**.



Mounting Options

Standard Mounting (no code necessary):

1/2" diameter – 13UNC X 1 1/2" long, threaded 1 3/8".

- MTG10:** 1/2" 13UNC x 3/4" long threaded
- MTG11:** 1/2" 13UNC x 1" long threaded
- MTG12:** 1/2" 20UNF x 3/4" long threaded
- MTG13:** 5/8" 11UNC x 1 3/4" long threaded
- MTG14:** 5/8" 18UNF x 1 3/4" long threaded
- MTG15:** 3/4" 10UNC x 1 3/4" long threaded
- MTG16:** 5/8" 11UNC x 1 1/8" long threaded
- MTG18:** 5/8" 18 X 3.5" long threaded
- MTG19:** 1/2" 13UNC x 2.75" long threaded
- MTG24:** 3/4" 10UNC x 2.250" long threaded Zinc
- MTG25:** 5/8" 11UNC x 2 1/2" W/FLTS long threaded
- MTG26:** 3/4" 10UNC x 1" long threaded

- MTG28:** 1/2" 13UNC x 2.0" long threaded
- MTG36:** M14-2.00 x 1.50 long threaded
- MTG37:** 1/2" 13UNC X 1.75" long threaded
- MTG38:** M12 1.75 x 2" long threaded
- MTG39:** 7/16" 14UNC x 1.63" long threaded
- MTG48:** 1 1/4" UNC x 2" threaded to bottom
- MTG49:** 1 1/4" 12UNF x 2.56" hex top long threaded
- MTG50:** 1/2" 20UNF x 1 1/2" long threaded
- MTG90:** 3/8" 16UNF x 2" long threaded

To order optional mounting, add mounting code to Stem Caster Models number (Example: 2.02254.441 MTG10).

3D CAD Models & Data Sheets
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Colson 2 Series Casters • Threaded Stem • Capacity to 350 lbs

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Standard Bearings	Swivel Caster Models	Optional Bearings	Load Height	Swivel Radius	Weight (Pounds)
2 1/2"	1 1/4"	125	Performa Flat Conductive	Ball	2.02254.445COND	–	3 3/4"	2 13/32"	1 3/4
		140	Performa Flat	Ball	2.02254.445	Delrin (441)	3 3/4"	2 13/32"	1 3/4
		200	Polyolefin	Ball	2.02254.55	Delrin (53)	3 3/4"	2 13/32"	1 3/4
		250	Polyurethane Hi-Tech Maroon	Ball	2.02254.95	Delrin (91)	3 3/4"	2 13/32"	1 1/2
		250	Polyurethane Hi-Tech Grey	Ball	2.02254.95G	Delrin (91G)	3 3/4"	2 13/32"	1 1/2
	300	Cast Iron	Plain	2.02254.12	–	–	3 3/4"	2 13/32"	2 1/8
	1 7/16"	300	Phenolic	Roller	2.02254.319	–	3 3/4"	2 13/32"	1 3/4
3"	1 1/4"	150	Soft Rubber	Plain	2.03354.RR2	–	4"	2 21/32"	2
		200	Polyolefin	Ball	2.03354.55	Delrin (52)	4"	2 21/32"	2
		200	Performa Flat	Ball	2.03354.445	Delrin (441)	4"	2 21/32"	2
		200	Precision Performa Flat	Precision Ball	2.03354.4P8	–	4"	2 21/32"	2
		200	Performa Crown	Precision Ball	2.03354.5P8	–	4"	2 21/32"	2
		200	Performa Flat Conductive	Ball	2.03354.445COND	–	4"	2 21/32"	2
		200	Polyolefin	Ball	2.03354.55	Delrin (52)	4"	2 21/32"	2
		300	Polyurethane Hi-Tech Maroon	Ball	2.03354.95	Delrin (91)	4"	2 21/32"	2
		300	Polyurethane Hi-Tech Grey	Ball	2.03354.95G	Delrin (91G)	4"	2 21/32"	2
		300	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.03354.9P8	–	4"	2 21/32"	2
		300	K Solid Polyurethane	Plain	2.03354.KK2	–	4"	2 21/32"	2
		300	Cast Iron	Plain	2.03354.14	–	4"	2 21/32"	2 3/4
	350	Hard Rubber	Plain	2.03354.RN2	–	4"	2 21/32"	2	
	1 15/32"	350	Phenolic	Roller	2.03354.309	–	4"	2 21/32"	2 3/4
3 1/2"	1 1/4"	150	Soft Rubber	Plain	2.03254.RR2	–	4 9/16"	2 29/32"	2 1/4
		250	Performa Flat	Ball	2.03254.445	Delrin (441)	4 9/16"	2 29/32"	2 1/8
		250	Performa Flat Conductive	Ball	2.03254.445COND	–	4 9/16"	2 29/32"	2 1/8
		250	Precision Performa Flat	Precision Ball	2.03254.4P8	–	4 9/16"	2 29/32"	2 1/8
		250	Performa Crown	Precision Ball	2.03254.5P8	–	4 9/16"	2 29/32"	2 1/8
	1 5/16"	250	Performa Round	Ball	2.03254.565	Delrin (561)	4 9/16"	2 29/32"	2 1/8
		250	Performa Round Conductive	Ball	2.03254.565COND	–	4 9/16"	2 29/32"	2 1/8
	1 1/4"	280	Polyolefin	Ball	2.03254.55	Delrin (53)	4 9/16"	2 29/32"	2 1/8
		300	Thermo	Plain	2.03254.52HT	–	4 9/16"	2 29/32"	3 1/8
		300	Cast Iron	Plain	2.03254.12	–	4 9/16"	2 29/32"	3
		350	Phenolic	Roller	2.03254.309	–	4 9/16"	2 29/32"	3
		350	Hard Rubber	Plain	2.03254.RN2	–	4 9/16"	2 29/32"	2 1/4
		350	Polyurethane Hi-Tech Maroon	Ball	2.03254.95	Delrin (91)	4 9/16"	2 29/32"	1 3/4
		350	Polyurethane Hi-Tech Grey	Ball	2.03254.95G	Delrin (91G)	4 9/16"	2 29/32"	1 3/4
	350	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.03254.9P8	–	4 9/16"	2 29/32"	1 3/4	
4"	1 1/4"	150	Soft Rubber	Plain	2.04254.RR2	–	5"	3 29/32"	2 1/4
		300	Performa Flat	Ball	2.04254.445	Delrin (441)	5"	3 29/32"	2 1/4
		300	Performa Flat Conductive	Ball	2.04254.445COND	–	5"	3 29/32"	2 1/4
		300	Precision Performa Flat	Precision Ball	2.04254.4P8	–	5"	3 29/32"	2 1/4
		300	Performa Crown	Precision Ball	2.04254.5P8	–	5"	3 29/32"	2 1/4
		300	Thermo	Plain	2.04254.52HT	–	5"	3 29/32"	3 1/8
		300	Cast Iron	Plain	2.04254.12	–	5"	3 29/32"	3 3/8
		350	Polyolefin	Ball	2.04254.55	Delrin (53)	5"	3 29/32"	2 1/8
		350	Polyurethane Hi-Tech Maroon	Ball	2.04254.95	Delrin (91)	5"	3 29/32"	2 1/8
		350	Polyurethane Hi-Tech Grey	Ball	2.04254.95G	Delrin (91G)	5"	3 29/32"	2 1/8
		350	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.04254.9P8	–	5"	3 29/32"	2 1/8
		350	K Solid Polyurethane	Plain	2.04354.KK2	–	5"	3 29/32"	2 1/8
	350	Hard Rubber	Plain	2.04254.RN2	–	5"	3 29/32"	2 1/4	
	350	Phenolic	Roller	2.04254.309	–	5"	3 29/32"	3 3/8	
5"	1 1/4"	175	Soft Rubber	Plain	2.05254.RR2	–	6 1/16"	3 13/16"	3
		300	Cast Iron	Plain	2.05254.12	–	6 3/16"	3 13/16"	2 1/2
		325	Performa Flat	Ball	2.05254.445	Delrin (441)	6 1/16"	3 13/16"	3
		325	Performa Flat Conductive	Ball	2.05254.445COND	–	6 1/16"	3 13/16"	3
		325	Precision Performa Flat	Precision Ball	2.05254.445	–	6 1/16"	3 13/16"	3
	1 5/16"	325	Performa Crown	Precision Ball	2.05254.5P8	–	6 1/16"	3 13/16"	3
		325	Performa Round Conductive	Ball	2.05254.565COND	–	6 1/16"	3 13/16"	3
	1 1/4"	325	Performa Round	Ball	2.05254.565	Delrin (561)	6 1/16"	3 13/16"	3
		350	Hard Rubber	Plain	2.05254.RN2	–	6 1/16"	3 13/16"	3
		350	Polyolefin	Ball	2.05254.55	Delrin (53)	6 1/16"	3 13/16"	2 3/4
		350	Polyurethane Hi-Tech Maroon	Ball	2.05254.95	Delrin (91)	6 1/16"	3 13/16"	2 1/2
		350	Polyurethane Hi-Tech Grey	Ball	2.05254.95G	Delrin (91G)	6 1/16"	3 13/16"	2 1/2
		350	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.05254.9P8	–	6 1/16"	3 13/16"	2 1/2
		350	K Solid Polyurethane	Plain	2.05354.KK2	–	6 1/16"	3 13/16"	2 1/2
350	Thermo	Plain	2.05254.52HT	–	6 1/16"	3 13/16"	3 3/4		
350	Phenolic	Roller	2.05254.309	–	6 1/16"	3 13/16"	3 3/4		
6"	1 1/4"	350	Performa Flat	Ball	2.06254.445	Delrin (441)	7 1/8"	4 5/16"	3 1/2
		350	Performa Flat Conductive	Ball	2.06254.445COND	–	7 1/8"	4 5/16"	3 1/2
		350	Polyurethane Hi-Tech Maroon	Ball	2.06254.95	Delrin (91)	7 1/8"	4 5/16"	3
		350	Polyurethane Hi-Tech Grey	Ball	2.06254.95G	Delrin (91G)	7 1/8"	4 5/16"	3
		350	Polyolefin	Ball	2.06254.55	Delrin (53)	7 1/8"	4 5/16"	3

2 Series

2 Series

Capacity up to **350 lbs each**

GRIP RING STEM



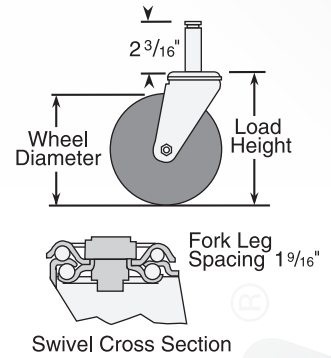
Consult factory for RoHS requirements on a part specific basis.



Consult the NSF listing page on a part specific basis for NSF requirements.



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing for greater convenience
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- **Stem Size:** 2 3/16" long with 5/8" diameter
- Stem features spring grip at top to hold caster securely in tubing
- Assures tight fit and easy swivel action

Caster Brake



Top Lock
(See page 86) Available on all swivel models with solid axle only. Field installable (Specify **BRK1**; Example: 2.05251.91 BRK1).



Posi Lock
(See page 87) Available on all swivels. Field installable (Specify **BRK8**; Example: 2.05251.9P8 BRK8).



Total Lock
(See page 86) Locks wheel and swivel simultaneously. Fits 3 1/2", 4" and 5" swivel models. Field installable.

Note: When mounted in tubing, brake will function as wheel brake only. (Specify **BRK5**; Example: 2.05251.445 COND BRK5).

Fork Option

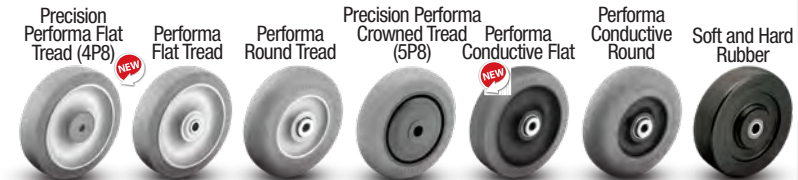
NSF Listed For Food Service Industry
Consult factory for details.

Swivel Dust Cap
(See page 90) (Specify **DC1**; Example: 2.05251.441 DC1).

Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 2.02251).

Axle/Nut Options
Consult factory.

Wheel Selection



See the Performa Advantage on Page 55.



Wheel Options

Standard Thread Guards
Full thread guards are standard on Precision Polyurethane HI-TECH (9P8) and Performa Crowned Tread (5P8). Partial Thread Guards are standard on Precision Performa Rubber Flat Tread models (4P8).

Optional Thread Guards (See page 98) Available on many models. Specify **TG1** for metal or **TG2** for plastic; Example: 2.05251.441 TG2.

Prevenz™ Antimicrobial for Medical and Food Service Industries. This caster wheel additive inhibits the growth of harmful microbes, including bacteria, mold, and fungi. Available for Precision Performa Flat/Crowned and Precision Polyurethane Hi-Tech. To order, add "**PREV**" to the caster number. Example: 2.05251.9P8 **PREV**.



Mounting Options

Standard Mounting (no code necessary):
2 3/16" long with 5/8" dia.

- MTG5:** 2 3/16" x 3/4" (.750" - 1 Grip Ring)
- MTG6:** 2 3/16" x 13/16" (.812" - 1 Grip Ring)
- MTG7:** 2 3/16" x 27/32" (.845" - 1 Grip Ring)
- MTG8:** 2 3/16" x 7/8" (.865" - 1 Grip Ring)

- MTG9:** 2 3/16" x 1" (1.00" - 1 Grip Ring)
- MTG61:** 2 3/16" x 7/8" (.865" - 2 Groove)
- MTG62:** 2 3/16" x 17/32" (.845" - 2 Groove)
- MTG69:** 2 3/16" x 27/32" (.865" SQ Stem)

To order optional mounting, add mounting code to Stem Caster Models number (Example: 2.02251.441 MTG2).

Colson 2 Series Casters • Grip Ring Stem • Capacity to 350 lbs

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Standard Bearings	Swivel Caster Models	Optional Bearings	Load Height	Swivel Radius	Weight (Pounds)
2 1/2"	1 1/4"	125	Performa Flat Conductive	Ball	2.02251.445COND	-	3 3/4"	2 13/32"	1 3/4
		140	Performa Flat	Ball	2.02251.445	Delrin (441)	3 3/4"	2 13/32"	1 3/4
		200	Polyolefin	Ball	2.02251.55	Delrin (53)	3 3/4"	2 13/32"	1 3/4
		250	Polyurethane Hi-Tech Maroon	Ball	2.02251.95	Delrin (91)	3 3/4"	2 13/32"	1 1/2
		250	Polyurethane Hi-Tech Grey	Ball	2.02251.95G	Delrin (91G)	3 3/4"	2 13/32"	1 1/2
		300	Cast Iron	Plain	2.02251.12	-	3 3/4"	2 13/32"	2 1/8
	1 7/16"	300	Phenolic	Roller	2.02251.319	-	3 3/4"	2 13/32"	1 3/4
3"	1 1/4"	150	Soft Rubber	Plain	2.03351.RR2	-	4"	2 21/32"	2
		200	Polyolefin	Ball	2.03351.55	Delrin (52)	4"	2 21/32"	2
		200	Performa Flat	Ball	2.03351.445	Delrin (441)	4"	2 21/32"	2
		200	Precision Performa Flat	Precision Ball	2.03351.4P8	-	4"	2 21/32"	2
		200	Performa Crown	Precision Ball	2.03351.5P8	-	4"	2 21/32"	2
		200	Performa Flat Conductive	Ball	2.03351.445COND	-	4"	2 21/32"	2
		200	Polyolefin	Ball	2.03351.55	Delrin (52)	4"	2 21/32"	2
		300	Polyurethane Hi-Tech Maroon	Ball	2.03351.95	Delrin (91)	4"	2 21/32"	2
		300	Polyurethane Hi-Tech Grey	Ball	2.03351.95G	Delrin (91G)	4"	2 21/32"	2
		300	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.03351.9P8	-	4"	2 21/32"	2
		300	K Solid Polyurethane	Plain	2.03351.KK2	-	4"	2 21/32"	2
		300	Cast Iron	Plain	2.03351.14	-	4"	2 21/32"	2 3/4
		350	Hard Rubber	Plain	2.03351.RN2	-	4"	2 21/32"	2
	1 15/32"	350	Phenolic	Roller	2.03351.309	-	4"	2 21/32"	2 3/4
3 1/2"	1 1/4"	150	Soft Rubber	Plain	2.03251.RR2	-	4 9/16"	2 29/32"	2 1/4
		250	Performa Flat	Ball	2.03251.445	Delrin (441)	4 9/16"	2 29/32"	2 1/8
		250	Performa Flat Conductive	Ball	2.03251.445COND	-	4 9/16"	2 29/32"	2 1/8
		250	Precision Performa Flat	Precision Ball	2.03251.4P8	-	4 9/16"	2 29/32"	2 1/8
		250	Performa Crown	Precision Ball	2.03251.5P8	-	4 9/16"	2 29/32"	2 1/8
		250	Performa Round	Ball	2.03251.565	Delrin (561)	4 9/16"	2 29/32"	2 1/8
	1 5/16"	250	Performa Round Conductive	Ball	2.03251.565COND	-	4 9/16"	2 29/32"	2 1/8
		280	Polyolefin	Ball	2.03251.55	Delrin (53)	4 9/16"	2 29/32"	2 1/8
		300	Thermo	Plain	2.03251.52HT	-	4 9/16"	2 29/32"	3 1/8
		300	Cast Iron	Plain	2.03251.12	-	4 9/16"	2 29/32"	3
		350	Phenolic	Roller	2.03251.309	-	4 9/16"	2 29/32"	3
		350	Hard Rubber	Plain	2.03251.RN2	-	4 9/16"	2 29/32"	2 1/4
		350	Polyurethane Hi-Tech Maroon	Ball	2.03251.95	Delrin (91)	4 9/16"	2 29/32"	1 3/4
		350	Polyurethane Hi-Tech Grey	Ball	2.03251.95G	Delrin (91G)	4 9/16"	2 29/32"	1 3/4
		350	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.03251.9P8	-	4 9/16"	2 29/32"	1 3/4
4"	1 1/4"	150	Soft Rubber	Plain	2.04251.RR2	-	5"	3 29/32"	2 1/4
		300	Performa Flat	Ball	2.04251.445	Delrin (441)	5"	3 29/32"	2 1/4
		300	Performa Flat Conductive	Ball	2.04251.445COND	-	5"	3 29/32"	2 1/4
		300	Precision Performa Flat	Precision Ball	2.04251.4P8	-	5"	3 29/32"	2 1/4
		300	Performa Crown	Precision Ball	2.04251.5P8	-	5"	3 29/32"	2 1/4
		300	Thermo	Plain	2.04251.52HT	-	5"	3 29/32"	3 1/8
		300	Cast Iron	Plain	2.04251.12	-	5"	3 29/32"	3 3/8
		350	Polyolefin	Ball	2.04251.55	Delrin (53)	5"	3 29/32"	2 1/8
		350	Polyurethane Hi-Tech Maroon	Ball	2.04251.95	Delrin (91)	5"	3 29/32"	2 1/8
		350	Polyurethane Hi-Tech Grey	Ball	2.04251.95G	Delrin (91G)	5"	3 29/32"	2 1/8
		350	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.04251.9P8	-	5"	3 29/32"	2 1/8
		350	K Solid Polyurethane	Plain	2.04351.KK2	-	5"	3 29/32"	2 1/8
		350	Hard Rubber	Plain	2.04251.RN2	-	5"	3 29/32"	2 1/4
	350	Phenolic	Roller	2.04251.309	-	5"	3 29/32"	3 3/8	
5"	1 1/4"	175	Soft Rubber	Plain	2.05251.RR2	-	6 1/16"	3 13/16"	3
		300	Cast Iron	Plain	2.05251.12	-	6 3/16"	3 13/16"	2 1/2
		325	Performa Flat	Ball	2.05251.445	Delrin (441)	6 1/16"	3 13/16"	3
		325	Performa Flat Conductive	Ball	2.05251.445COND	-	6 1/16"	3 13/16"	3
		325	Precision Performa Flat	Precision Ball	2.05251.445	-	6 1/16"	3 13/16"	3
		325	Performa Crown	Precision Ball	2.05251.5P8	-	6 1/16"	3 13/16"	3
	1 5/16"	325	Performa Round Conductive	Ball	2.05251.565COND	-	6 1/16"	3 13/16"	3
		325	Performa Round	Ball	2.05251.565	Delrin (561)	6 1/16"	3 13/16"	3
		350	Hard Rubber	Plain	2.05251.RN2	-	6 1/16"	3 13/16"	3
		350	Polyolefin	Ball	2.05251.55	Delrin (53)	6 1/16"	3 13/16"	2 3/4
		350	Polyurethane Hi-Tech Maroon	Ball	2.05251.95	Delrin (91)	6 1/16"	3 13/16"	2 1/2
		350	Polyurethane Hi-Tech Grey	Ball	2.05251.95G	Delrin (91G)	6 1/16"	3 13/16"	2 1/2
		350	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.05251.9P8	-	6 1/16"	3 13/16"	2 1/2
1 1/4"	350	K Solid Polyurethane	Plain	2.05351.KK2	-	6 1/16"	3 13/16"	2 1/2	
	350	Thermo	Plain	2.05251.52HT	-	6 1/16"	3 13/16"	3 3/4	
	350	Phenolic	Roller	2.05251.309	-	6 1/16"	3 13/16"	3 3/4	
	6"	1 1/4"	350	Performa Flat	Ball	2.06251.445	Delrin (441)	7 1/8"	4 5/16"
350			Performa Flat Conductive	Ball	2.06251.445COND	-	7 1/8"	4 5/16"	3 1/2
350			Polyurethane Hi-Tech Maroon	Ball	2.06251.95	Delrin (91)	7 1/8"	4 5/16"	3
350			Polyurethane Hi-Tech Grey	Ball	2.06251.95G	Delrin (91G)	7 1/8"	4 5/16"	3
350			Polyolefin	Ball	2.06251.55	Delrin (53)	7 1/8"	4 5/16"	3

2 Series



2 Series

EXPANDING ADAPTER STEM

Capacity up to **350 lbs each**

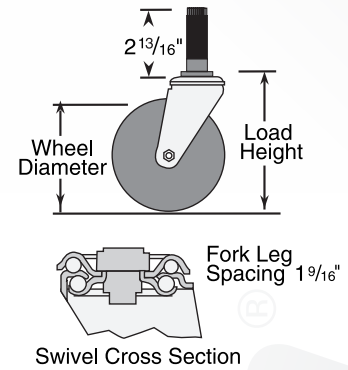


Consult factory for RoHS requirements on a part specific basis.

Consult the NSF listing page on a part specific basis for NSF requirements.



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing for greater convenience
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- Turning of hex nut beneath lower raceway expands rubber adapter inside of round or square tubing for a tight, permanent fit
- To order, select caster model number and specify stem adapter size by code number from mounting options chart below

Caster Brake



Top Lock
(See page 86) Available on all swivel models with solid axle only. Field installable (Specify **BRK1**; Example: 2.05267.91 MTG40 BRK1).



Posi Lock
(See page 87) Available on all swivels. Field installable (Specify **BRK8**; Example: 2.05267.RR2 BRK8).



Total Lock
(See page 86) Locks wheel and swivel simultaneously. Fits 3 1/2", 4" and 5" swivel models. Field installable (Specify **BRK5**; Example: 2.05267.53 MTG40 BRK5).

Fork Option

NSF Listed For Food Service Industry
Consult factory for details.

Swivel Dust Cap
(See page 90) (Specify **DC1**; Example: 2.05267.441 MTG40 DC1).

Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 2.02267).

Axle/Nut Options
Consult factory.

Wheel Selection



See the Performa Advantage on Page 55.

Mounting Options

(See page 97)

Inside Diameter of Tube	Mounting Code Numbers	
	Round Tubing	Square Tubing
3/4" - 13/16"	MTG40	-
7/8" - 15/16"	MTG41	MTG51
1" - 1 1/16"	MTG42	MTG52
1 1/8" - 1 3/16"	MTG43	MTG53
1 1/4" - 1 5/16"	MTG44	MTG54
1 3/8" - 1 7/16"	MTG45	MTG55
1 1/2" - 1 9/16"	MTG46	-
1 5/8" - 1 11/16"	MTG47	-

Stems are 2 11/16" long. Stem size less adapter: 1/2" - 13UNC x 2 13/16"

Wheel Options

Standard Thread Guards
Full thread guards are standard on Precision Polyurethane HI-TECH (9P8) and Performa Crowned Tread (5P8). Partial Thread Guards are standard on Precision Performa Rubber Flat Tread models (4P8).

Optional Thread Guards
(See page 98) Available on many models. Specify **TG1** for metal or **TG2** for plastic; Example: 2.05267.441 MTG40 TG2.

Prevenz™ Antimicrobial for Medical and Food Service Industries. This caster wheel additive inhibits the growth of harmful microbes, including bacteria, mold, and fungi. Available for Precision Performa Flat/Crowned and Precision Polyurethane Hi-Tech. To order, add "PREV" to the caster number. Example: 2.05267.9P8 PREV.



To order you must add the mounting code to the Stem Caster Model number (Example: 2.02267.441 MTG40).

3D CAD Models & Data Sheets
www.colsoncaster.com/casters

Colson 2 Series Casters • Expanding Adapter Stem • Capacity to 350 lbs

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Standard Bearings	Swivel Caster Models	Optional Bearings	Load Height	Swivel Radius	Weight (Pounds)	
2 1/2"	1 1/4"	140	Performa Flat	Ball	2.02267.445	Delrin (441)	4"	2 13/32"	1 5/8	
		200	Polyolefin	Ball	2.02267.55	Delrin (53)	4"	2 13/32"	1 5/8	
		250	Polyurethane Hi-Tech Maroon	Ball	2.02267.95	Delrin (91)	4"	2 13/32"	1 5/8	
		250	Polyurethane Hi-Tech Grey	Ball	2.02267.95G	Delrin (91G)	4"	2 13/32"	1 5/8	
	1 7/16"	300	Cast Iron	Plain	2.02267.12	-	4"	2 13/32"	2	
		300	Phenolic	Roller	2.02267.319	-	4"	2 13/32"	1 5/8	
3"	1 1/4"	150	Soft Rubber	Plain	2.03367.RR2	-	4 1/4"	2 21/32"	2	
		200	Polyolefin	Ball	2.03367.55	Delrin (52)	4 1/4"	2 21/32"	2	
		200	Performa Flat	Ball	2.03367.445	Delrin (441)	4 1/4"	2 21/32"	2	
		200	Precision Performa Flat	Precision Ball	2.03367.4P8	-	4 1/4"	2 21/32"	2	
		200	Performa Crown	Precision Ball	2.03367.5P8	-	4 1/4"	2 21/32"	2	
		200	Polyolefin	Ball	2.03367.55	Delrin (52)	4 1/4"	2 21/32"	2	
		300	Polyurethane Hi-Tech Maroon	Ball	2.03367.95	Delrin (91)	4 1/4"	2 21/32"	2	
		300	Polyurethane Hi-Tech Grey	Ball	2.03367.95G	Delrin (91G)	4 1/4"	2 21/32"	2	
		300	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.03367.9P8	-	4 1/4"	2 21/32"	2	
		300	K Solid Polyurethane	Plain	2.03367.KK2	-	4 1/4"	2 21/32"	2	
	1 15/32"	300	Cast Iron	Plain	2.03367.14	-	4 1/4"	2 21/32"	2 3/4	
		350	Hard Rubber	Plain	2.03367.RN2	-	4 1/4"	2 21/32"	2	
	3 1/2"	1 1/4"	150	Soft Rubber	Plain	2.03267.RR2	-	4 9/16"	2 29/32"	2 1/4
			250	Performa Flat	Ball	2.03267.445	Delrin (441)	4 9/16"	2 29/32"	2 1/8
250			Precision Performa Flat	Precision Ball	2.03267.4P8	-	4 9/16"	2 29/32"	2 1/8	
250			Performa Crown	Precision Ball	2.03267.5P8	-	4 9/16"	2 29/32"	2 1/8	
1 5/16"		250	Performa Round	Ball	2.03267.565	Delrin (561)	4 9/16"	2 29/32"	2 1/8	
		280	Polyolefin	Ball	2.03267.55	Delrin (53)	4 9/16"	2 29/32"	2 1/8	
1 1/4"		300	Cast Iron	Plain	2.03267.12	-	4 9/16"	2 29/32"	3	
		350	Phenolic	Roller	2.03267.309	-	4 9/16"	2 29/32"	3	
		350	Hard Rubber	Plain	2.03267.RN2	-	4 9/16"	2 29/32"	2 1/4	
		350	Polyurethane Hi-Tech Maroon	Ball	2.03267.95	Delrin (91)	4 9/16"	2 29/32"	1 3/4	
		350	Polyurethane Hi-Tech Grey	Ball	2.03267.95G	Delrin (91G)	4 9/16"	2 29/32"	1 3/4	
		350	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.03267.9P8	-	4 9/16"	2 29/32"	1 3/4	
4"		1 1/4"	150	Soft Rubber	Plain	2.04267.RR2	-	5 1/4"	3 29/32"	2 1/4
			300	Performa Flat	Ball	2.04267.445	Delrin (441)	5 1/4"	3 29/32"	2 1/4
	300		Precision Performa Flat	Precision Ball	2.04267.4P8	-	5 1/4"	3 29/32"	2 1/4	
	300		Performa Crown	Precision Ball	2.04267.5P8	-	5 1/4"	3 29/32"	2 1/4	
	300		Cast Iron	Plain	2.04267.12	-	5 1/4"	3 29/32"	3 3/8	
	350		Polyolefin	Ball	2.04267.55	Delrin (53)	5 1/4"	3 29/32"	2 1/8	
	350		Polyurethane Hi-Tech Maroon	Ball	2.04267.95	Delrin (91)	5 1/4"	3 29/32"	2 1/8	
	350		Polyurethane Hi-Tech Grey	Ball	2.04267.95G	Delrin (91G)	5 1/4"	3 29/32"	2 1/8	
	1 1/4"	350	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.04267.9P8	-	5 1/4"	3 29/32"	2 1/8	
		350	K Solid Polyurethane	Plain	2.04367.KK2	-	4 1/4"	2 21/32"	2	
		350	Hard Rubber	Plain	2.04267.RN2	-	5 1/4"	3 29/32"	2 1/4	
		350	Phenolic	Roller	2.04267.309	-	5 1/4"	3 29/32"	3 3/8	
5"	1 1/4"	175	Soft Rubber	Plain	2.05267.RR2	-	6 5/16"	3 13/16"	3	
		300	Cast Iron	Plain	2.05267.12	-	6 3/16"	3 13/16"	2 1/2	
		325	Performa Flat	Ball	2.05267.445	Delrin (441)	6 5/16"	3 13/16"	3 1/2	
		325	Precision Performa Flat	Precision Ball	2.05267.445	-	6 5/16"	3 13/16"	3 1/2	
		325	Performa Crown	Precision Ball	2.05267.5P8	-	6 5/16"	3 13/16"	3 1/2	
	1 5/16"	325	Performa Round	Ball	2.05267.565	Delrin (561)	6 5/16"	3 13/16"	3 1/2	
		350	Hard Rubber	Plain	2.05267.RN2	-	6 5/16"	3 13/16"	3	
	1 1/4"	350	Polyolefin	Ball	2.05267.55	Delrin (53)	6 5/16"	3 13/16"	2 1/2	
		350	Polyurethane Hi-Tech Maroon	Ball	2.05267.95	Delrin (91)	6 5/16"	3 13/16"	2 1/2	
		350	Polyurethane Hi-Tech Grey	Ball	2.05267.95G	Delrin (91G)	6 5/16"	3 13/16"	2 1/2	
		350	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.05267.9P8	-	6 5/16"	3 13/16"	2 1/2	
		350	K Solid Polyurethane	Plain	2.05367.KK2	-	4 1/4"	2 21/32"	2	
		350	Phenolic	Roller	2.05267.309	-	6 5/16"	3 13/16"	3 3/4	
		6"	1 1/4"	350	Performa Flat	Ball	2.06267.445	Delrin (441)	7 3/8"	4 5/16"
350	Polyurethane Hi-Tech Maroon			Ball	2.06267.95	Delrin (91)	7 3/8"	4 5/16"	2 3/4	
350	Polyurethane Hi-Tech Grey			Ball	2.06267.95G	Delrin (91G)	7 3/8"	4 5/16"	2 3/4	
350	Polyolefin			Ball	2.06267.55	Delrin (53)	7 3/8"	4 5/16"	2 3/4	

*To order you must include mounting code in the Mounting Option chart on previous page. (Example: 2.02267.441 MTG40).

2 Series

2 Series

Capacity up to **350 lbs each**

MODULAR STEM



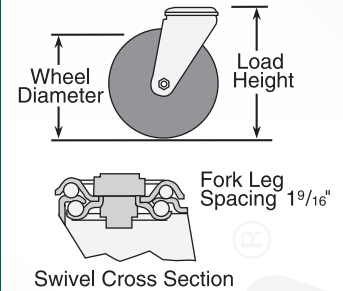
Consult factory for RoHS requirements on a part specific basis.



Consult the NSF listing page on a part specific basis for NSF requirements.



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing for greater convenience
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- Colson modular stem casters feature a 1/2" hollow rivet which will accept a wide variety of mounting stems (even a standard 1/2" bolt will work)
- You can supply the mounting fasteners or stems – we supply the casters

Caster Brake



Top Lock
(See page 86) Available on all swivel models with solid axle only. Field installable (Specify **BRK1**; Example: 2.05250.91 BRK1).



Posi Lock
(See page 87) Available on all swivels. Field installable (Specify **BRK8**; Example: 2.05250.319 BRK8).



Total Lock
(See page 86) Locks wheel and swivel simultaneously. Fits 3 1/2", 4" and 5" swivel models. Field installable (Specify **BRK5**; Example: 2.05250.565 COND BRK5).

Fork Option

NSF Listed For Food Service Industry
Consult factory for details.

Swivel Dust Cap
(See page 90) (Specify **DC1**; Example: 2.05250.441 DC1).

Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 2.02250).

Axle/Nut Options
Consult factory.

Wheel Selection



See the Performa Advantage on Page 55.

Wheel Options

Standard Thread Guards
Full thread guards are standard on Precision Polyurethane HI-TECH (9P8) and Performa Crowned Tread (5P8). Partial Thread Guards are standard on Precision Performa Rubber Flat Tread models (4P8).

Optional Thread Guards
(See page 98) Available on many models. Specify **TG1** for metal or **TG2** for plastic; Example: 2.05250.441 TG2.

Prevenz™ Antimicrobial for Medical and Food Service Industries. This caster wheel additive inhibits the growth of harmful microbes, including bacteria, mold, and fungi. Available for Precision Performa Flat/Crowned and Precision Polyurethane Hi-Tech. To order, add "PREV" to the caster number. Example: 2.05250.9P8 **PREV**.



Colson 2 Series Casters • Modular Stem • Capacity to 350 lbs

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Standard Bearings	Swivel Caster Models	Optional Bearings	Load Height	Swivel Radius	Weight (Pounds)	
2 1/2"	1 1/4"	125	Performa Flat Conductive	Ball	2.02250.445COND	-	3 3/4"	2 13/32"	1 1/2	
		140	Performa Flat	Ball	2.02250.445	Delrin (441)	3 3/4"	2 13/32"	1 1/2	
		200	Polyolefin	Ball	2.02250.55	Delrin (53)	3 3/4"	2 13/32"	1 1/2	
		250	Polyurethane Hi-Tech Maroon	Ball	2.02250.95	Delrin (91)	3 3/4"	2 13/32"	1 1/2	
		250	Polyurethane Hi-Tech Grey	Ball	2.02250.95G	Delrin (91G)	3 3/4"	2 13/32"	1 1/2	
	300	Cast Iron	Plain	2.02250.12	-	-	3 3/4"	2 13/32"	2 1/8	
	1 7/16"	300	Phenolic	Roller	2.02250.319	-	3 3/4"	2 13/32"	1 3/4	
3"	1 1/4"	150	Soft Rubber	Plain	2.03350.RR2	-	4"	2 21/32"	2	
		200	Polyolefin	Ball	2.03350.55	Delrin (52)	4"	2 21/32"	2	
		200	Performa Flat	Ball	2.03350.445	Delrin (441)	4"	2 21/32"	2	
		200	Precision Performa Flat	Precision Ball	2.03350.4P8	-	4"	2 21/32"	2	
		200	Performa Crown	Precision Ball	2.03350.5P8	-	4"	2 21/32"	2	
		200	Performa Flat Conductive	Ball	2.03350.445COND	-	4"	2 21/32"	2	
		200	Polyolefin	Ball	2.03350.55	Delrin (52)	4"	2 21/32"	2	
		300	Polyurethane Hi-Tech Maroon	Ball	2.03350.95	Delrin (91)	4"	2 21/32"	2	
		300	Polyurethane Hi-Tech Grey	Ball	2.03350.95G	Delrin (91G)	4"	2 21/32"	2	
		300	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.03350.9P8	-	4"	2 21/32"	2	
		300	K Solid Polyurethane	Plain	2.03350.KK2	-	4"	2 21/32"	2	
		300	Cast Iron	Plain	2.03350.14	-	4"	2 21/32"	2 3/4	
	350	Hard Rubber	Plain	2.03350.RN2	-	4"	2 21/32"	2		
	1 15/32"	350	Phenolic	Roller	2.03350.309	-	4"	2 21/32"	2 3/4	
3 1/2"	1 1/4"	150	Soft Rubber	Plain	2.03250.RR2	-	4 9/16"	2 29/32"	2 1/4	
		250	Performa Flat	Ball	2.03250.445	Delrin (441)	4 9/16"	2 29/32"	2 1/8	
		250	Performa Flat Conductive	Ball	2.03250.445COND	-	4 9/16"	2 29/32"	2 1/8	
		250	Precision Performa Flat	Precision Ball	2.03250.4P8	-	4 9/16"	2 29/32"	2 1/8	
		250	Performa Crown	Precision Ball	2.03250.5P8	-	4 9/16"	2 29/32"	2 1/8	
		250	Performa Round	Ball	2.03250.565	Delrin (561)	4 9/16"	2 29/32"	2 1/8	
	1 5/16"	250	Performa Round Conductive	Ball	2.03250.565COND	-	4 9/16"	2 29/32"	2 1/8	
		280	Polyolefin	Ball	2.03250.55	Delrin (53)	4 9/16"	2 29/32"	2 1/8	
		300	Thermo	Plain	2.03250.52HT	-	4 9/16"	2 29/32"	3 1/8	
		300	Cast Iron	Plain	2.03250.12	-	4 9/16"	2 29/32"	3	
		350	Phenolic	Roller	2.03250.309	-	4 9/16"	2 29/32"	3	
		350	Hard Rubber	Plain	2.03250.RN2	-	4 9/16"	2 29/32"	2 1/4	
		350	Polyurethane Hi-Tech Maroon	Ball	2.03250.95	Delrin (91)	4 9/16"	2 29/32"	1 3/4	
		350	Polyurethane Hi-Tech Grey	Ball	2.03250.95G	Delrin (91G)	4 9/16"	2 29/32"	1 3/4	
	350	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.03250.9P8	-	4 9/16"	2 29/32"	1 3/4		
4"	1 1/4"	150	Soft Rubber	Plain	2.04250.RR2	-	5"	3 29/32"	2 1/4	
		300	Performa Flat	Ball	2.04250.445	Delrin (441)	5"	3 29/32"	2 1/4	
		300	Performa Flat Conductive	Ball	2.04250.445COND	-	5"	3 29/32"	2 1/4	
		300	Precision Performa Flat	Precision Ball	2.04250.4P8	-	5"	3 29/32"	2 1/4	
		300	Performa Crown	Precision Ball	2.04250.5P8	-	5"	3 29/32"	2 1/4	
		300	Thermo	Plain	2.04250.52HT	-	5"	3 29/32"	3 1/8	
		300	Cast Iron	Plain	2.04250.12	-	5"	3 29/32"	3 3/8	
		350	Polyolefin	Ball	2.04250.55	Delrin (53)	5"	3 29/32"	2 1/8	
		350	Polyurethane Hi-Tech Maroon	Ball	2.04250.95	Delrin (91)	5"	3 29/32"	2 1/8	
		350	Polyurethane Hi-Tech Grey	Ball	2.04250.95G	Delrin (91G)	5"	3 29/32"	2 1/8	
		350	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.04250.9P8	-	5"	3 29/32"	2 1/8	
		350	K Solid Polyurethane	Plain	2.04350.KK2	-	4"	2 21/32"	2	
		350	Hard Rubber	Plain	2.04250.RN2	-	5"	3 29/32"	2 1/4	
		350	Phenolic	Roller	2.04250.309	-	5"	3 29/32"	3 3/8	
5"	1 1/4"	175	Soft Rubber	Plain	2.05250.RR2	-	6 1/16"	3 13/16"	3	
		300	Cast Iron	Plain	2.05250.12	-	6 3/16"	3 13/16"	2 1/2	
		325	Performa Flat	Ball	2.05250.445	Delrin (441)	6 1/16"	3 13/16"	3	
		325	Performa Flat Conductive	Ball	2.05250.445COND	-	6 1/16"	3 13/16"	3	
		325	Precision Performa Flat	Precision Ball	2.05250.445	-	6 1/16"	3 13/16"	3	
		325	Performa Crown	Precision Ball	2.05250.5P8	-	6 1/16"	3 13/16"	3	
	1 5/16"	325	Performa Round Conductive	Ball	2.05250.565COND	-	6 1/16"	3 13/16"	3	
		325	Performa Round	Ball	2.05250.565	Delrin (561)	6 1/16"	3 13/16"	3	
		350	Hard Rubber	Plain	2.05250.RN2	-	6 1/16"	3 13/16"	3	
		350	Polyolefin	Ball	2.05250.55	Delrin (53)	6 1/16"	3 13/16"	2 3/4	
		350	Polyurethane Hi-Tech Maroon	Ball	2.05250.95	Delrin (91)	6 1/16"	3 13/16"	2 1/2	
		350	Polyurethane Hi-Tech Grey	Ball	2.05250.95G	Delrin (91G)	6 1/16"	3 13/16"	2 1/2	
		350	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.05250.9P8	-	6 1/16"	3 13/16"	2 1/2	
		350	K Solid Polyurethane	Plain	2.05350.KK2	-	4"	2 21/32"	2	
1 1/4"	350	Thermo	Plain	2.05250.52HT	-	6 1/16"	3 13/16"	3 3/4		
	350	Phenolic	Roller	2.05250.309	-	6 1/16"	3 13/16"	3 3/4		
	6"	1 1/4"	350	Performa Flat	Ball	2.06250.445	Delrin (441)	7 1/8"	4 5/16"	3 1/2
			350	Performa Flat Conductive	Ball	2.06250.445COND	-	7 1/8"	4 5/16"	3 1/2
350			Polyurethane Hi-Tech Maroon	Ball	2.06250.95	Delrin (91)	7 1/8"	4 5/16"	3	
350			Polyurethane Hi-Tech Grey	Ball	2.06250.95G	Delrin (91G)	7 1/8"	4 5/16"	3	
	350	Polyolefin	Ball	2.06250.55	Delrin (53)	7 1/8"	4 5/16"	3		

2 Series

2 Series

Square Stem Swivel & Rigid
Capacity up to **350 lbs each**

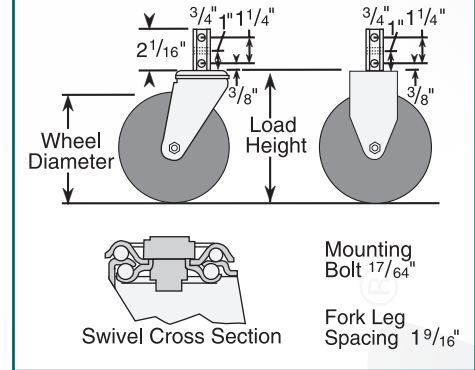


Consult factory for RoHS requirements on a part specific basis.

Consult the NSF listing page on a part specific basis for NSF requirements.



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing for greater convenience
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- **Stem Size:** 2 1/16" long x 3/4" square with 3 mounting holes 17/64" diameter
- Designed for easy installation on the inside of angle iron legs or against flat surfaces
- Stems may be bolted or riveted against any flat vertical surface

Caster Brake



Top Lock
(See page 86) Available on all swivel models with solid axle only. Field installable (Specify **BRK1**; Example: 2.05270.91 BRK1).



Posi Lock
(See page 87) Available on all swivels. Field installable (Specify **BRK8**; Example: 2.05270.4P5 BRK8).



Total Lock
(See page 86) Locks wheel and swivel simultaneously. Fits 3 1/2", 4" and 5" swivel models. Field installable (Specify **BRK5**; Example: 2.05270.12 BRK5).

Fork Option

NSF Listed For Food Service Industry
Consult factory for details.

Swivel Dust Cap
(See page 90) (Specify **DC1**; Example: 2.05270.441 DC1).

Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 2.02270).

Axle/Nut Options
Consult factory.

Wheel Selection



See the Performa Advantage on Page 55.

Wheel Options

Standard Thread Guards
Full thread guards are standard on Precision Polyurethane HI-TECH (9P8) and Performa Crowned Tread (5P8). Partial Thread Guards are standard on Precision

Performa Rubber Flat Tread models (4P8).

Optional Thread Guards (See page 98) Available on many models. Specify **TG1** for metal or **TG2** for plastic; Example: 2.05270.441 TG2.

Prevenz™ Antimicrobial for Medical and Food Service Industries. This caster wheel additive inhibits the growth of harmful microbes, including bacteria, mold, and fungi. Available for Precision Performa Flat/Crowned and Precision Polyurethane Hi-Tech. To order, add "PREV" to the caster number. Example: 2.05270.9P8 PREV.



Mounting Options

Standard Mounting (no code necessary):
2 1/16" long x 3/4" square with 3 mounting holes 17/64" diameter.

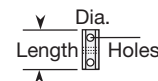
MTG1: 7/8" dia square stem 2 1/16" long x w/1 mounting hole 17/64" diameter.

MTG3: 3/4" dia. octagon stem 2 1/16" long x w/3 mounting holes 17/64" diameter.

MTG30: 1.36" x 2.19; (2 grip rings)

MTG60: 3/4" octagon x 2 w/3 holes

To order optional mounting, add mounting code to Swivel Stem Caster Models number (Example: 2.02270.441 MTG1).



MTG66: .858" x 2.06 w/2 holes

MTG67: .858" x 2.00" w/1 hole

MTG57: 7/8" dia. x 2 1/2" long (2 15/16" dia holes)

MTG58: 7/8" x 2 1/2" long (3 15/64" dia. holes)

Colson 2 Series Casters • Square Stem Swivel & Rigid • Capacity to 350 lbs

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Standard Bearings	Swivel Caster Models	Rigid Caster Models	Optional Bearings	Load Height	Swivel Radius	Weight (Pounds)
2 1/2"	1 1/4"	125	Performa Flat Conductive	Ball	2.02270.445COND	—	—	3 3/4"	2 13/32"	1 5/8
		140	Performa Flat	Ball	2.02270.445	—	Delrin (441)	3 3/4"	2 13/32"	1 5/8
		200	Polyolefin	Ball	2.02270.55	—	Delrin (53)	3 3/4"	2 13/32"	1 5/8
		250	Polyurethane Hi-Tech Maroon	Ball	2.02270.95	—	Delrin (91)	3 3/4"	2 13/32"	1 5/8
		250	Polyurethane Hi-Tech Grey	Ball	2.02270.95G	—	Delrin (91G)	3 3/4"	2 13/32"	1 5/8
	300	Cast Iron	Plain	2.02270.12	—	—	—	3 3/4"	2 13/32"	2 1/8
	1 7/16"	300	Phenolic	Roller	2.02270.319	—	—	3 3/4"	2 13/32"	2
3"	1 1/4"	150	Soft Rubber	Plain	2.03370.RR2	—	—	4"	2 21/32"	2
		200	Polyolefin	Ball	2.03370.55	—	Delrin (52)	4"	2 21/32"	2
		200	Performa Flat	Ball	2.03370.445	—	Delrin (441)	4"	2 21/32"	2
		200	Precision Performa Flat	Precision Ball	2.03370.4P8	—	—	4"	2 21/32"	2
		200	Performa Crown	Precision Ball	2.03370.5P8	—	—	4"	2 21/32"	2
		200	Performa Flat Conductive	Ball	2.03370.445COND	—	—	4"	2 21/32"	2
		200	Polyolefin	Ball	2.03370.55	—	Delrin (52)	4"	2 21/32"	2
		300	Polyurethane Hi-Tech Maroon	Ball	2.03370.95	—	Delrin (91)	4"	2 21/32"	2
		300	Polyurethane Hi-Tech Grey	Ball	2.03370.95G	—	Delrin (91G)	4"	2 21/32"	2
		300	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.03370.9P8	—	—	4"	2 21/32"	2
		300	K Solid Polyurethane	Plain	2.03370.KK2	—	—	4"	2 21/32"	2
		300	Cast Iron	Plain	2.03370.14	—	—	4"	2 21/32"	2 3/4
	350	Hard Rubber	Plain	2.03370.RN2	—	—	4"	2 21/32"	2	
		1 15/32"	350	Phenolic	Roller	2.03370.309	—	—	4"	2 21/32"
3 1/2"	1 1/4"	150	Soft Rubber	Plain	2.03270.RR2	—	—	4 9/16"	2 29/32"	2 1/4
		250	Performa Flat	Ball	2.03270.445	—	Delrin (441)	4 9/16"	2 29/32"	2 1/8
		250	Performa Flat Conductive	Ball	2.03270.445COND	—	—	4 9/16"	2 29/32"	2 1/8
		250	Precision Performa Flat	Precision Ball	2.03270.4P8	—	—	4 9/16"	2 29/32"	2 1/8
		250	Performa Crown	Precision Ball	2.03270.5P8	—	—	4 9/16"	2 29/32"	2 1/8
	1 5/16"	250	Performa Round	Ball	2.03270.565	—	Delrin (561)	4 9/16"	2 29/32"	2 1/8
		250	Performa Round Conductive	Ball	2.03270.565COND	—	—	4 9/16"	2 29/32"	2 1/8
	1 1/4"	280	Polyolefin	Ball	2.03270.55	—	Delrin (53)	4 9/16"	2 29/32"	2 1/8
		300	Thermo	Plain	2.03270.52HT	—	—	4 9/16"	2 29/32"	3 1/8
		300	Cast Iron	Plain	2.03270.12	—	—	4 9/16"	2 29/32"	3
		350	Phenolic	Roller	2.03270.309	—	—	4 9/16"	2 29/32"	3
		350	Hard Rubber	Plain	2.03270.RN2	—	—	4 9/16"	2 29/32"	2 1/4
		350	Polyurethane Hi-Tech Maroon	Ball	2.03270.95	—	Delrin (91)	4 9/16"	2 29/32"	1 3/4
		350	Polyurethane Hi-Tech Grey	Ball	2.03270.95G	—	Delrin (91G)	4 9/16"	2 29/32"	1 3/4
		350	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.03270.9P8	—	—	4 9/16"	2 29/32"	1 3/4
4"	1 1/4"	150	Soft Rubber	Plain	2.04270.RR2	—	—	5"	3 29/32"	2 1/4
		300	Performa Flat	Ball	2.04270.445	—	Delrin (441)	5"	3 29/32"	2 1/4
		300	Performa Flat Conductive	Ball	2.04270.445COND	—	—	5"	3 29/32"	2 1/4
		300	Precision Performa Flat	Precision Ball	2.04270.4P8	—	—	5"	3 29/32"	2 1/4
		300	Performa Crown	Precision Ball	2.04270.5P8	—	—	5"	3 29/32"	2 1/4
		300	Thermo	Plain	2.04270.52HT	—	—	5"	3 29/32"	3 1/8
		300	Cast Iron	Plain	2.04270.12	—	—	5"	3 29/32"	3 3/8
		350	Polyolefin	Ball	2.04270.55	—	Delrin (53)	5"	3 29/32"	2 1/8
		350	Polyurethane Hi-Tech Maroon	Ball	2.04270.95	—	Delrin (91)	5"	3 29/32"	2 1/8
		350	Polyurethane Hi-Tech Grey	Ball	2.04270.95G	—	Delrin (91G)	5"	3 29/32"	2 1/8
		350	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.04270.9P8	—	—	5"	3 29/32"	2 1/8
		350	K Solid Polyurethane	Plain	2.04370.KK2	—	—	5"	3 29/32"	2 1/8
	350	Hard Rubber	Plain	2.04270.RN2	—	—	5"	3 29/32"	2 1/4	
	350	Phenolic	Roller	2.04270.309	—	—	5"	3 29/32"	3 3/8	
5"	1 1/4"	175	Soft Rubber	Plain	2.05270.RR2	2.05280.RR2	—	6 1/16"	3 13/16"	3
		300	Cast Iron	Plain	2.05270.12	2.05280.12	—	6 1/16"	3 13/16"	3
		325	Performa Flat	Ball	2.05270.445	2.05280.445	Delrin (441)	6 1/16"	3 13/16"	3
		325	Performa Flat Conductive	Ball	2.05270.445COND	2.05280.445COND	—	6 1/16"	3 13/16"	3
		325	Precision Performa Flat	Precision Ball	2.05270.445	2.05280.445	—	6 1/16"	3 13/16"	3
	1 5/16"	325	Performa Crown	Precision Ball	2.05270.5P8	2.05280.5P8	—	6 1/16"	3 13/16"	3
		325	Performa Round Conductive	Ball	2.05270.565COND	2.05280.565COND	—	6 1/16"	3 13/16"	3
		325	Performa Round	Ball	2.05270.565	2.05280.565	Delrin (561)	6 1/16"	3 13/16"	3
	1 1/4"	350	Hard Rubber	Plain	2.05270.RN2	2.05280.RN2	—	6 1/16"	3 13/16"	3
		350	Polyolefin	Ball	2.05270.55	2.05280.55	Delrin (53)	6 1/16"	3 13/16"	2 3/4
		350	Polyurethane Hi-Tech Maroon	Ball	2.05270.95	2.05280.95	Delrin (91)	6 1/16"	3 13/16"	2 1/2
		350	Polyurethane Hi-Tech Grey	Ball	2.05270.95G	2.05280.95G	Delrin (91G)	6 1/16"	3 13/16"	2 1/2
		350	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.05270.9P8	2.05280.9P8	—	6 1/16"	3 13/16"	2 1/2
		350	K Solid Polyurethane	Plain	2.05370.KK2	2.05380.KK2	—	6 1/16"	3 13/16"	2 1/2
6"	1 1/4"	350	Thermo	Plain	2.05270.52HT	2.05280.52HT	—	6 1/16"	3 13/16"	3 3/4
		350	Phenolic	Roller	2.05270.309	2.05280.309	—	6 1/16"	3 13/16"	3 3/4
		350	Performa Flat	Ball	2.06270.445	—	Delrin (441)	7 1/8"	4 5/16"	3 1/2
		350	Performa Flat Conductive	Ball	2.06270.445COND	—	—	7 1/8"	4 5/16"	3 1/2
		350	Polyurethane Hi-Tech Maroon	Ball	2.06270.95	—	Delrin (91)	7 1/8"	4 5/16"	3
		350	Polyurethane Hi-Tech Grey	Ball	2.06270.95G	—	Delrin (91G)	7 1/8"	4 5/16"	3
		350	Polyolefin	Ball	2.06270.55	—	Delrin (53)	7 1/8"	4 5/16"	3

2 Series

2 Series

Capacity up to **350 lbs each**



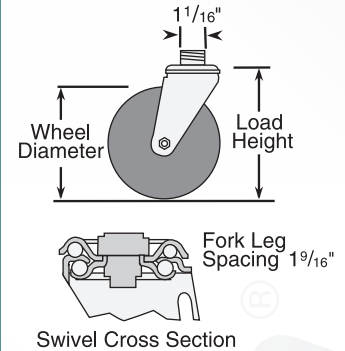
Consult factory for RoHS requirements on a part specific basis.



Consult the NSF listing page on a part specific basis for NSF requirements.



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing for greater convenience
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- Fits Standard 3/4" NPT Pipe Coupling
- **Stem Size:** approximately 1 1/16" diameter
- The pipe thread stem screws directly into a standard pipe coupling for a rigid and permanent fit with full swivel action

Easy Installation

- The 7/16" hex nut beneath the lower raceway makes it fast and easy to install these casters on a wide variety of equipment

Caster Brake



Top Lock
(See page 86) Available on all models with solid axle only. Field installable (Specify **BRK1**; Example: 2.05253.91 BRK1).



Posi Lock
(See page 87) Available on all swivels. Field installable (Specify **BRK8**; Example: 2.05253.9P8BRK8).



Total Lock
(See page 86) Locks wheel and swivel simultaneously. Fits 3 1/2", 4" and 5" models. Field installable (Specify **BRK5**; Example: 2.05253.445 COND BRK5).

Fork Option

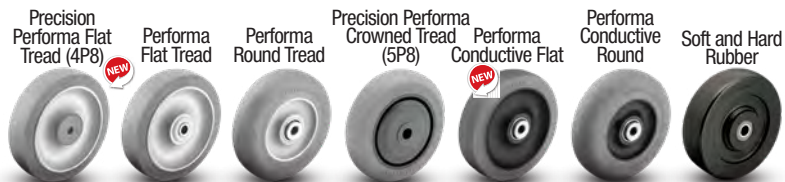
NSF Listed For Food Service Industry
Consult factory for details.

Swivel Dust Cap
(See page 90) (Specify **DC1**; Example: 2.05253.441 DC1).

Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 2.02253).

Axle/Nut Options
Consult factory.

Wheel Selection



See the Performa Advantage on Page 55.



Thread Guards

Standard Thread Guards
Full thread guards are standard on Precision Polyurethane Hi-TECH (9P8) and Performa Crowned Tread (5P8). Partial Thread Guards are standard on Precision Performa Rubber Flat Tread models (4P8).

Optional Thread Guards
(See page 98) Available on many models Specify **TG1** for metal or **TG2** for plastic; Example: 2.05253.441 TG2.

Prevenz™ Antimicrobial for Medical and Food Service Industries. This caster wheel additive inhibits the growth of harmful microbes, including bacteria, mold, and fungi. Available for Precision Performa Flat/Crowned and Precision Polyurethane Hi-Tech. To order, add "PREV" to the caster number. Example: 2.05253.9P8 PREV.



Mounting Options

Standard Mounting (no code necessary):
3/4" 14NPT x .62" w/ 7/16" hex mount to fit on standard 3/4" pipe

MTG23: 1 1/4" x 7/8" w/1.0" hex

To order optional mounting, add mounting code to Swivel Stem Caster Models number (Example: 2.02253.441 MTG23).

3D CAD Models & Data Sheets
www.colsoncaster.com/casters

Colson 2 Series Casters • Pipe Thread Stem • Capacity to 350 lbs

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Standard Bearings	Swivel Caster Models	Optional Bearings	Load Height	Swivel Radius	Weight (Pounds)	
2 1/2"	1 1/4"	125	Perma Flat Conductive	Ball	2.02253.445COND	–	3 7/8"	2 13/32"	1 5/8	
		140	Perma Flat	Ball	2.02253.445	Delrin (441)	3 7/8"	2 13/32"	1 5/8	
		200	Polyolefin	Ball	2.02253.55	Delrin (53)	3 7/8"	2 13/32"	1 5/8	
		250	Polyurethane Hi-Tech Maroon	Ball	2.02253.95	Delrin (91)	3 7/8"	2 13/32"	1 5/8	
		250	Polyurethane Hi-Tech Grey	Ball	2.02253.95G	Delrin (91G)	3 7/8"	2 13/32"	1 5/8	
	300	Cast Iron	Plain	2.02253.12	–	–	3 7/8"	2 13/32"	2	
	1 7/16"	300	Phenolic	Roller	2.02253.319	–	3 7/8"	2 13/32"	2	
3"	1 1/4"	150	Soft Rubber	Plain	2.03353.RR2	–	4 1/8"	2 21/32"	2	
		200	Polyolefin	Ball	2.03353.55	Delrin (52)	4 1/8"	2 21/32"	2	
		200	Perma Flat	Ball	2.03353.445	Delrin (441)	4 1/8"	2 21/32"	2	
		200	Precision Perma Flat	Precision Ball	2.03353.4P8	–	4 1/8"	2 21/32"	2	
		200	Perma Crown	Precision Ball	2.03353.5P8	–	4 1/8"	2 21/32"	2	
		200	Perma Flat Conductive	Ball	2.03353.445COND	–	4 1/8"	2 21/32"	2	
		200	Polyolefin	Ball	2.03353.55	Delrin (52)	4 1/8"	2 21/32"	2	
		300	Polyurethane Hi-Tech Maroon	Ball	2.03353.95	Delrin (91)	4 1/8"	2 21/32"	2	
		300	Polyurethane Hi-Tech Grey	Ball	2.03353.95G	Delrin (91G)	4 1/8"	2 21/32"	2	
		300	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.03353.9P8	–	4 1/8"	2 21/32"	2	
		300	K Solid Polyurethane	Plain	2.03353.KK2	–	4 1/8"	2 21/32"	2	
		300	Cast Iron	Plain	2.03353.14	–	4 1/8"	2 21/32"	2	
		350	Hard Rubber	Plain	2.03353.RN2	–	4 1/8"	2 21/32"	2 3/4	
		1 15/32"	350	Phenolic	Roller	2.03353.309	–	4 1/8"	2 21/32"	2 3/4
3 1/2"	1 1/4"	150	Soft Rubber	Plain	2.03253.RR2	–	4 11/16"	2 29/32"	2 1/4	
		250	Perma Flat	Ball	2.03253.445	Delrin (441)	4 11/16"	2 29/32"	2	
		250	Perma Flat Conductive	Ball	2.03253.445COND	–	4 11/16"	2 29/32"	2	
		250	Precision Perma Flat	Precision Ball	2.03253.4P8	–	4 11/16"	2 29/32"	2	
		250	Perma Crown	Precision Ball	2.03253.5P8	–	4 11/16"	2 29/32"	2 1/4	
	1 5/16"	250	Perma Round	Ball	2.03253.565	Delrin (561)	4 11/16"	2 29/32"	2	
		250	Perma Round Conductive	Ball	2.03253.565COND	–	4 11/16"	2 29/32"	2	
	1 1/4"	280	Polyolefin	Ball	2.03253.55	Delrin (53)	4 11/16"	2 29/32"	1 7/8	
		300	Thermo	Plain	2.03253.52HT	–	4 11/16"	2 29/32"	3	
		300	Cast Iron	Plain	2.03253.12	–	4 11/16"	2 29/32"	3	
		350	Phenolic	Roller	2.03253.309	–	4 11/16"	2 29/32"	3	
		350	Hard Rubber	Plain	2.03253.RN2	–	4 11/16"	2 29/32"	2 1/4	
		350	Polyurethane Hi-Tech Maroon	Ball	2.03253.95	Delrin (91)	4 11/16"	2 29/32"	1 7/8	
		350	Polyurethane Hi-Tech Grey	Ball	2.03253.95G	Delrin (91G)	4 11/16"	2 29/32"	1 7/8	
		350	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.03253.9P8	–	4 11/16"	2 29/32"	1 7/8	
4"	1 1/4"	150	Soft Rubber	Plain	2.04253.RR2	–	5 1/8"	3 29/32"	2 1/4	
		300	Perma Flat	Ball	2.04253.445	Delrin (441)	5 1/8"	3 29/32"	2 1/4	
		300	Perma Flat Conductive	Ball	2.04253.445COND	–	5 1/8"	3 29/32"	2 1/4	
		300	Precision Perma Flat	Precision Ball	2.04253.4P8	–	5 1/8"	3 29/32"	2 1/4	
		300	Perma Crown	Precision Ball	2.04253.5P8	–	5 1/8"	3 29/32"	2 1/4	
		300	Thermo	Plain	2.04253.52HT	–	5 1/8"	3 29/32"	3 1/8	
		300	Cast Iron	Plain	2.04253.12	–	5 1/8"	3 29/32"	3 3/8	
		350	Polyolefin	Ball	2.04253.55	Delrin (53)	5 1/8"	3 29/32"	2 1/8	
		350	Polyurethane Hi-Tech Maroon	Ball	2.04253.95	Delrin (91)	5 1/8"	3 29/32"	2 1/8	
		350	Polyurethane Hi-Tech Grey	Ball	2.04253.95G	Delrin (91G)	5 1/8"	3 29/32"	2 1/8	
		350	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.04253.9P8	–	5 1/8"	3 29/32"	2 1/8	
		350	K Solid Polyurethane	Plain	2.04253.KK2	–	5 1/8"	3 29/32"	2 1/8	
		350	Hard Rubber	Plain	2.04253.RN2	–	5 1/8"	3 29/32"	2 1/4	
	350	Phenolic	Roller	2.04253.309	–	5 1/8"	3 29/32"	3 3/8		
5"	1 1/4"	175	Soft Rubber	Plain	2.05253.RR2	–	6 3/16"	3 13/16"	3	
		300	TPE Hi-Temp	Precision Ball	2.05253.414 H	–	6 3/16"	3 13/16"	3	
		300	Cast Iron	Plain	2.05253.12	–	6 3/16"	3 13/16"	2 1/2	
		325	Perma Flat	Ball	2.05253.445	Delrin (441)	6 3/16"	3 13/16"	3	
		325	Perma Flat Conductive	Ball	2.05253.445COND	–	6 3/16"	3 13/16"	3	
		325	Precision Perma Flat	Precision Ball	2.05253.445	–	6 3/16"	3 13/16"	3	
		325	Perma Crown	Precision Ball	2.05253.5P8	–	6 3/16"	3 13/16"	3	
	1 5/16"	325	Perma Round Conductive	Ball	2.05253.565COND	–	6 3/16"	3 13/16"	3	
		325	Perma Round	Ball	2.05253.565	Delrin (561)	6 3/16"	3 13/16"	3	
		350	Hard Rubber	Plain	2.05253.RN2	–	6 3/16"	3 13/16"	3	
		350	Polyolefin	Ball	2.05253.55	Delrin (53)	6 3/16"	3 13/16"	2 1/2	
		350	Polyurethane Hi-Tech Maroon	Ball	2.05253.95	Delrin (91)	6 3/16"	3 13/16"	2 1/2	
		350	Polyurethane Hi-Tech Grey	Ball	2.05253.95G	Delrin (91G)	6 3/16"	3 13/16"	2 1/2	
		350	Precision Polyurethane Hi-Tech Grey	Precision Ball	2.05253.9P8	–	6 3/16"	3 13/16"	2 1/2	
1 1/4"	350	K Solid Polyurethane	Plain	2.05253.KK2	–	6 3/16"	3 13/16"	2 1/2		
	350	Thermo	Plain	2.05253.52HT	–	6 3/16"	3 13/16"	3 3/4		
	350	Phenolic	Roller	2.05253.309	–	6 3/16"	3 13/16"	3 3/4		
	6"	1 1/4"	350	Perma Flat	Ball	2.06253.445	Delrin (441)	7 1/4"	4 5/16"	3 1/4
			350	Perma Flat Conductive	Ball	2.06253.445COND	–	7 1/4"	4 5/16"	3 1/4
			350	Polyurethane Hi-Tech Maroon	Ball	2.06253.95	Delrin (91)	7 1/4"	4 5/16"	2 7/8
			350	Polyurethane Hi-Tech Grey	Ball	2.06253.95G	Delrin (91G)	7 1/4"	4 5/16"	2 7/8
350			Polyolefin	Ball	2.06253.55	Delrin (53)	7 1/8"	4 5/16"	3	

2 Series

2 Series

Capacity up to **250 lbs each**

CONVERTIBLE HAND TRUCK



Features

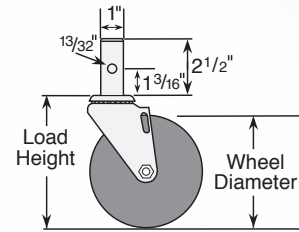
- Zinc plated finish is attractive and durable
- Available with top lock brake
- 3/8" Bolted Axle
- Compatible with many different nationally branded convertible hand trucks
- Features polyolefin thread guard

Standard Mounting

1" x 2 1/2" long stem with one mounting hole, .40" dia.



Standard Dimensions



Colson 2 Series Casters • Convertible Hand Truck • Capacity to 250 lbs

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Description	Wheel Bearing	Stem Caster Model	Load Height	Swivel Radius	Weight (Pounds)
5"	1 5/16"	250	TPR (Round)	Centered Precision Ball	2.05551.568	5 7/8"	3 13/16"	2

Caster Brake



Top Lock Brake
Brake is not field installable (Specify **BRK1**; Example: 2.05551.568 BRK1).

Wheel Option

Thread Guards
Standard polyolefin thread guard.

2 Series

Capacity up to **210 lbs each**

LoPro Swivel & Rigid

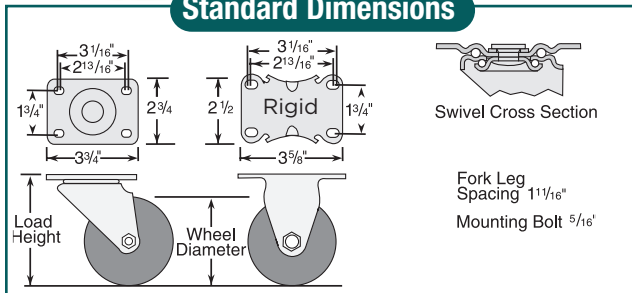


Features

- Zinc plated finish is attractive and durable
- Heat treated full double ball hardened raceways
- Low profile design offers low load height and quick swivel response
- Ideal for business machines, stock picking carts, warehouse dollies and housekeeping carts
- Thread guards standard on all models, but are not available with 3" brake option



Standard Dimensions



Colson 2 Series Casters • LoPro Top Plate Swivel & Rigid • Capacity to 210 lbs

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Wheel Bearing	Swivel Top Plate Caster Models	Rigid Top Plate Caster Models	Load Height	Swivel Radius	Weight (Pounds)
2 1/2"	1 1/8"	120	Cushion Rubber	Nylon*	2.02689.44	2.02688.44	3 5/16"	2 3/8"	1
		175	Hard Rubber	Nylon*	2.02689.54	2.02688.54	3 5/16"	2 3/8"	1
3"	1 1/4"	125	Cushion Rubber	Nylon*	2.03689.44	2.03688.44	3 13/16"	2 11/16"	1 1/2
		210	Hard Rubber	Nylon*	2.03689.54	2.03688.54	3 13/16"	2 11/16"	1 1/2

*Nylon bearing with powdered metal bushing.

Side Lock

(See page 87) Easy to engage and disengage with a touch of the pedal (3" models only). To order specify **BRK3**; Example: 2.03689.54 BRK3.

Caster Brake



3D CAD Models & Data Sheets
www.colsoncaster.com/casters

Swivel & Rigid

ENCORE®

WHERE ECONOMY MEETS QUALITY

— Dolly Caster Capacity up to 260 lbs each



www.EncoreCaster.com

Consult factory for RoHS and NSF requirements on a part specific basis.



Standard Features

- Durable and cost-effective zinc plated finish
- Double ball swivel raceways for better performance and greater strength
- Single insert molded wheel bearing offers smooth rolling and is maintenance free for the life of the dolly
- Unique tread material is non-marking and resists cutting or tearing like other TPR materials
- Applications include moving dollies, medium duty material handling carts, stock carts and more



Encore Dolly

Caster Brake

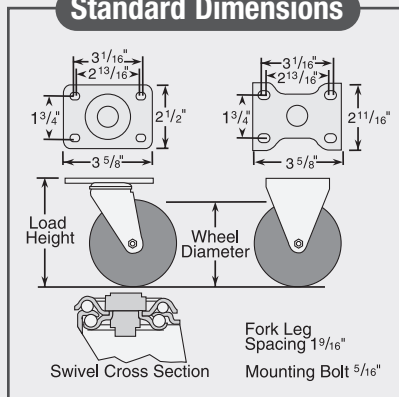


Top Lock
Brake is not field installable. Available with standard top plate only. Specify "B1" to order with caster.

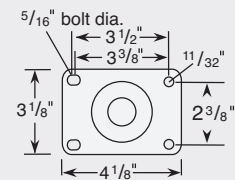


Total Lock
Brake is not field installable. Available with standard top plate only. Specify "B5" to order with caster.

Standard Dimensions



Optional Top Plate



59 Top Plate: Available on swivel model only. To order caster with **MTG59** top plate, change seventh digit to "9" (Example: E2.D3859.465).

Encore Dolly Casters • Top Plate Swivel & Rigid • Capacity to 260 lbs

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Swivel Top Plate Caster Models	Rigid Top Plate Caster Models	Load Height	Swivel Radius	Weight lbs (Rigid Deduct 1 lbs.)
3"	1 1/4"	180	TPR (Flat/Grey)	E2.D3856.465	E2.D3808.465	4 1/8"	2 19/32"	1 5/8
3 1/2"	1 1/4"	200	TPR (Flat/Grey)	E2.D3756.465	E2.D3708.465	4 11/16"	2 27/32"	1 7/8
4"	1 1/4"	240	TPR (Flat/Grey)	E2.D4756.465	E2.D4708.465	5 1/8"	3 11/32"	2
5"	1 1/4"	260	TPR (Flat/Grey)	E2.D5756.465	E2.D5708.465	6 3/16"	3 13/16"	2 1/4

2 Series

Capacity up to **325 lbs each**

STAINLESS STEEL Swivel & Rigid

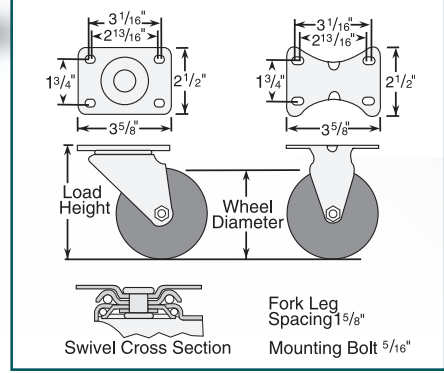


Consult factory for RoHS requirements on a part specific basis.

Consult the NSF listing page on a part specific basis for NSF requirements.



Standard Dimensions



- ### Features
- Polished 304 grade stainless steel construction handles the most punishing, corrosive conditions
 - Double ball raceways for better performance and greater durability
 - All component parts, including spanner bushing, axle and nut are stainless steel
 - Designed to perform in the most hostile environments
 - If rust is a problem... Colson stainless steel is the solution

Colson 2 Series Casters • Stainless Steel Top Plate Swivel & Rigid • Capacity to 325 lbs

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Wheel Bearing	Swivel Top Plate Caster Models	Rigid Top Plate Caster Models	Load Height	Swivel Radius	Weight (Pounds)
3"	1 1/4"	150	Rubber HI-TECH	Plain	2.33456.42	2.33408.42	4 1/4"	3 1/8"	1 5/8
		200	Polyolefin	Delrin	2.33456.544	2.33408.544	4 1/4"	3 1/8"	1 5/8
			Polyurethane HI-TECH	Plain	2.33456.944	2.33408.944	4 1/4"	3 1/8"	1 5/8
3 1/2"	1 1/4"	250	Polyolefin	Delrin	2.03456.544	2.03408.544	4 11/16"	3 3/8"	1 5/8
			Polyurethane HI-TECH	Delrin	2.03456.944	2.03408.944	4 11/16"	3 3/8"	1 7/8
			Perfoma Rubber (Flat)	Delrin	2.03456.444	2.03408.444	4 11/16"	3 3/8"	1 3/4
		Thermo	Plain	2.03456.52 HT	2.03408.52 HT	4 11/16"	3 3/8"	1 5/8	
	1 5/16"	210	Perfoma Rubber (Round)	Delrin	2.03456.564	2.03408.564	4 11/16"	3 3/8"	1 3/4
4"	1 1/4"	250	ThermoTech	Teflon	2.04456.613 H	2.04408.613 H	5 1/8"	3 5/16"	3
		275	Polyolefin	Delrin	2.04456.544	2.04408.544	5 1/8"	3 5/16"	2 1/8
			Polyurethane HI-TECH	Delrin	2.04456.944	2.04408.944	5 1/8"	3 5/16"	2 1/8
		300	Perfoma Rubber (Flat)	Delrin	2.04456.444	2.04408.444	5 1/8"	3 5/16"	2 1/4
			Thermo	Plain	2.04456.52 HT	2.04408.52 HT	5 1/8"	3 5/16"	2 1/4
5"	1 1/4"	250	ThermoTech	Teflon	2.05456.613 H	2.05408.613 H	6 3/16"	4 1/16"	3
		300	Polyolefin	Delrin	2.05456.544	2.05408.544	6 3/16"	4 1/16"	2 5/8
			Polyurethane HI-TECH	Delrin	2.05456.944	2.05408.944	6 3/16"	4 1/16"	2 5/8
		325	Perfoma Rubber (Flat)	Delrin	2.05456.444	2.05408.444	6 3/16"	4 1/16"	2 3/4
	Thermo	Plain	2.05456.52 HT	2.05408.52 HT	6 3/16"	4 1/16"	2 3/4		
1 5/16"	250	Perfoma Rubber (Round)	Delrin	2.05456.564	2.05408.564	6 3/16"	4 1/16"	2 3/4	

Hollow Kingpin: available by special order only; consult factory

Wheel Selection



Fork Option

NSF Listed For Food Service Industry
Available on all models (Specify **FSI**;
Example: 2.05456.444 FSI).

Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 2.33456).

Caster Brake



Top Lock
(See page 86) Available on all swivel models. Not recommended for high-temp applications. Field installable (Specify **BRK1**; Example: 2.05456.944 BRK1).



Tech Lock
(See page 87) Available on 4" and 5" swivel models. Field installable (Specify **BRK2**; Example: 2.05456.544 BRK2).



Total Lock
(See page 86) Riveted design is not field installable. Locks wheel and swivel. Available on all swivel models (Specify **BRK4**; Example: 2.05456.944 BRK4).

2 Series

STAINLESS STEEL PRECISION Swivel & Rigid

Capacity up to 300 lbs each



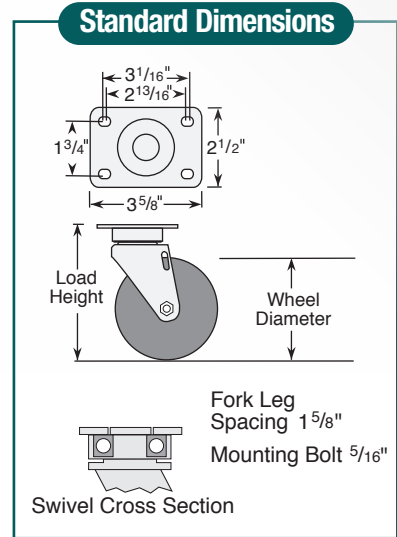
Consult factory for RoHS requirements on a part specific basis.



Consult the NSF listing page on a part specific basis for NSF requirements.

- ### Features
- Ergonomically friendly and durable stainless steel precision bearing swivel raceway for maximum roll and swivel ease
 - All component parts stainless steel to handle the most punishing, corrosive conditions
 - Maintenance free, permanently sealed, precision bearing in metal housing
 - 5/32" stainless steel top plate for maximum durability
 - High impact strength

- ### Typical Applications
- Typical applications include medical applications, autoclave operations or where wash down of equipment is required

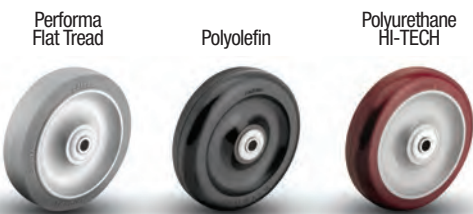


- ### Precision Raceway Advantage:
- *Quieter than conventional casters*
 - *Smooth and easy turning*
 - *Ergonomic: less force to push & pull*

Colson 2 Series Casters • Stainless Steel Precision • Capacity to 300 lbs

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Wheel Bearing	Swivel Top Plate Caster Models	Rigid Top Plate Caster Models	Load Height	Swivel Radius	Weight (Pounds)
5"	1 1/4"	275	Polyolefin	Delrin	2.X5456.544	2.05408.544	6 3/16"	3 13/16"	2 5/8
			Polyurethane HI-TECH	Delrin	2.X5456.944	2.05408.944	6 3/16"	3 13/16"	2 5/8
		300	Performa Rubber (Flat)	Delrin	2.X5456.444	2.05408.444	6 3/16"	3 13/16"	2 3/4

Wheel Selection



See the Performa Advantage on Page 55.

Fork Option

NSF Listed For Food Service Industry
Available on all models (Specify FSI;
Example: 2.X5456.544 FSI).

Forks Only
To order caster forks only, use 1st 6 digits of model numbers (Example: 2.X5456).

Colson 2 Series

3 Series

TOP PLATE Swivel & Rigid
Capacity up to 400 lbs each



www.ColsonCaster.com



Consult factory for RoHS requirements on a part specific basis.

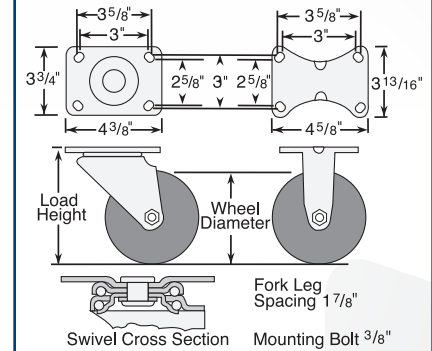
Consult the NSF listing page on a part specific basis for NSF requirements.

Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Permanent rivet kingpin construction
- Reinforcing washer on upper & lower raceway for swivel models
- Grease holes: wheel bearing
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures
- .164" steel top plate



Standard Dimensions



Caster Brake



Top Lock
(See page 87) Available on all swivel models. Field installable (Specify **BRK1**; Example: 3.00517.449 BRK1).

Fork / Wheel Options

NSF Listed For Food Service Industry
Consult factory for details.

Swivel Dust Cap
(See page 90) (Specify **DC1**; Example: 3.00517.449 DC1).

Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 3.00317).

Thread Guards
(See page 98) Available on many models (Specify **TG1** for metal; Example: 3.00517.909 TG1).

Axle/Nut Options
Consult factory.

Lube Options
Consult factory.

Wheel Selection

Perma Flat Tread



Perma Conductive



Polyolefin



Polyurethane HI-TECH



See the Perma Advantage on Page 55.

Phenolic



Cast Iron



Maxim



Thermo



Colson 3 Series Casters • Top Plate Swivel & Rigid • Capacity to 400 lbs

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Swivel Top Plate Roller Bearing Caster Models	Rigid Top Plate Roller Bearing Caster Models	Optional Bearings (Consult Factory)	Load Height	Swivel Radius	Weight (Pounds)
3"	1 1/2"	250	Performa Rubber (Flat/Grey)	3.00317.449	3.00308.449	Delrin, PPBB	4 1/2"	3 1/8"	3
		300	Polyolefin	3.00317.809	3.00308.809	Delrin, Plain, PPBB	4 1/2"	3 1/8"	2 3/4
			Polyurethane HI-TECH	3.00317.909	3.00308.909	Delrin, PPBB	4 1/2"	3 1/8"	3
		400	Phenolic	3.00317.309	3.00308.309	Delrin, PPBB	4 1/2"	3 1/8"	2 3/4
			Cast Iron	3.00317.109	3.00308.109	Delrin, PPBB	4 1/2"	3 1/8"	4 1/4
			Thermo	3.00317.819 HT	3.00308.819 HT	Plain, Bronze	4 1/2"	3 1/8"	2 3/4
4"	1 1/2"	255	Performa Rubber (Conductive/Flat)	3.00417.449 COND	3.00408.449 COND	PPBB	5 3/8"	3 5/8"	3 1/2
		325	Performa Rubber (Flat/Grey)	3.00417.449	3.00408.449	Delrin, PPBB	5 3/8"	3 5/8"	3 1/2
		375	Polyolefin	3.00417.809	3.00408.809	Delrin, Plain, PPBB	5 3/8"	3 5/8"	3
		400	Maxim	3.00417.509	3.00408.509	Delrin, Bronze, PPBB	5 3/8"	3 5/8"	3 1/4
			Polyurethane HI-TECH	3.00417.909	3.00408.909	Delrin, PPBB	5 3/8"	3 5/8"	3 1/4
			Phenolic	3.00417.309	3.00408.309	Delrin, PPBB	5 3/8"	3 5/8"	3 1/4
			Cast Iron	3.00417.109	3.00408.109	Delrin, PPBB	5 3/8"	3 5/8"	4 1/2
		Thermo	3.00417.819 HT	3.00408.819 HT	Plain, Bronze	5 3/8"	3 5/8"	3	
5"	1 1/2"	280	Performa Rubber (Conductive/Flat)	3.00517.449 COND	3.00508.449 COND	PPBB	6 3/8"	4 1/8"	3 1/2
		350	Performa Rubber (Flat/Grey)	3.00517.449	3.00508.449	Delrin, PPBB	6 3/8"	4 1/8"	3 1/2
		400	Polyolefin	3.00517.809	3.00508.809	Delrin, Plain, PPBB	6 3/8"	4 1/8"	3 1/4
			Polyurethane HI-TECH	3.00517.909	3.00508.909	Delrin, PPBB	6 3/8"	4 1/8"	3 1/2
			Phenolic	3.00517.309	3.00508.309	Delrin, PPBB	6 3/8"	4 1/8"	3 1/4
			Cast Iron	3.00517.109	3.00508.109	Delrin, PPBB	6 3/8"	4 1/8"	5
Thermo	3.00517.819 HT	3.00508.819 HT	Plain, Bronze	6 3/8"	4 1/8"	3 1/4			
6"	1 1/2"	300	Performa Rubber (Conductive/Flat)	3.00617.449 COND	3.00608.449 COND	PPBB	7 3/8"	4 5/8"	3 3/4
		375	Performa Rubber (Flat/Grey)	3.00617.449	3.00608.449	Delrin, PPBB	7 3/8"	4 5/8"	3 3/4
		400	Polyolefin	3.00617.809	3.00608.809	Delrin, Plain, PPBB	7 3/8"	4 5/8"	3
			Polyurethane HI-TECH	3.00617.909	3.00608.909	Delrin, PPBB	7 3/8"	4 5/8"	3 3/4
			Phenolic	3.00617.309	3.00608.309	Delrin, PPBB	7 3/8"	4 5/8"	3 3/4
			Cast Iron	3.00617.109	3.00608.109	Delrin, PPBB	7 3/8"	4 5/8"	6

Bearing Options

Wheels feature roller bearings in above chart. Consult factory for ordering details.



Roller Bearing

Metal cage roller bearing. (Specify **WB29**). (Example: 3.00317.449 WB29).



Delrin Bearings

For standard two-piece bearing change 9th digit to "1" (Example: 3.00317.441).

One-piece with steel thrust washers (Specify **WB11**; Example: 3.00317.441 WB11).



Pedestal Precision Ball Bearing (PPBB)

To order change 9th digit to "5" (Example: 3.00317.445).



Bronze

To order, change the 9th digit in model number to "4" (Example: 3.00317.814 HT).

3 Series

3 Series

SQUARE OR ROUND STEMS

Capacity up to **400 lbs each**



www.ColsonCaster.com



Consult factory for RoHS requirements on a part specific basis.



Consult the NSF listing page on a part specific basis for NSF requirements.

Features

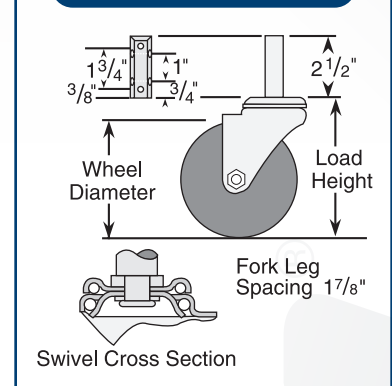
- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Permanent rivet kingpin construction
- Reinforcing washer on upper & lower raceway
- Grease holes: wheel bearing
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- **Square Stem:** Four 17/64" diameter holes are drilled in square stem, two per side. 2 1/2" long x 7/8" square



Standard Dimensions



Caster Brake



Top Lock
(See page 87) Available on all swivel models. Field installable (Specify **BRK1**; Example: 3.00514.109 MTG7 BRK1).

Fork / Wheel Options

NSF Listed For Food Service Industry
Consult factory for details.

(See page 90) (Specify **DC1**; Example: 3.00514.449 DC1).

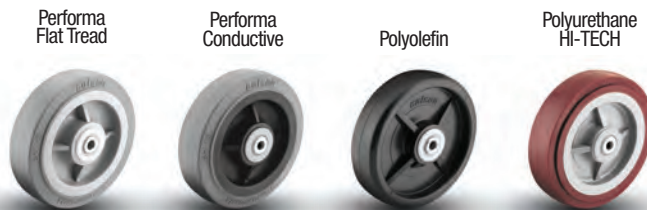
Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 3.00314).

Thread Guards
(See page 98) Available on many models (Specify **TG1** for metal; Example: 3.00514.909 TG1).

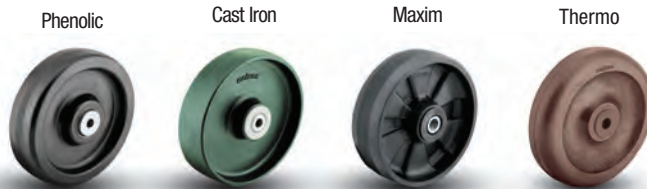
Axle/Nut Options
Consult factory.

Lube Options
Consult factory.

Wheel Selection



See the Performa Advantage on Page 55.



Mounting Options

Square Stem
Standard Mounting (no code necessary):
Four 17/64" diameter holes are drilled in square stem, two per side. 2 1/2" long x 7/8" square.

Round Stem
MTG7: 2 1/2" long x 3/4" diameter
MTG9: 2 1/2" long x 7/8" diameter
MTG11: 2 1/2" long x 1" diameter

To order with optional round stem, add mounting code to Square Stem Caster Models number (Example: 3.00314.449 MTG7).

3D CAD Models & Data Sheets
www.colsoncaster.com/casters

Colson 3 Series Casters • Round or Square Stem • Capacity to 400 lbs

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Square Stem Roller Bearing Models*	Optional Bearings (Order info below chart)	Load Height	Swivel Radius	Weight (Pounds)
3"	1 1/2"	250	Performa Rubber (Flat/Grey)	3.00314.449	Delrin, PPBB	4 5/16"	3 1/8"	2 1/2
		300	Polyolefin	3.00314.809	Delrin, PPBB	4 5/16"	3 1/8"	2 1/2
			Polyurethane HI-TECH	3.00314.909	Delrin, PPBB	4 5/16"	3 1/8"	2 1/2
			Phenolic	3.00314.309	Delrin, PPBB	4 5/16"	3 1/8"	2 1/2
		400	Cast Iron	3.00314.109	Delrin, PPBB	4 5/16"	3 1/8"	3 3/4
			Thermo	3.00314.819 HT	Plain, Bronze	4 5/16"	3 1/8"	2 1/2
4"	1 1/2"	255	Performa Rubber (Conductive/Flat)	3.00414.449 COND	PPBB	5 3/16"	3 5/8"	2 2/3
		325	Performa Rubber (Flat/Grey)	3.00414.449	Delrin, PPBB	5 3/16"	3 5/8"	2 2/3
		375	Polyolefin	3.00414.809	Delrin, PPBB	5 3/16"	3 5/8"	2 3/4
		400	Maxim	3.00414.509	Delrin, Bronze, PPBB	5 3/16"	3 5/8"	2 3/4
			Polyurethane HI-TECH	3.00414.909	Delrin, PPBB	5 3/16"	3 5/8"	2 3/4
			Phenolic	3.00414.309	Delrin, PPBB	5 3/16"	3 5/8"	2 3/4
			Cast Iron	3.00414.109	Delrin, PPBB	5 3/16"	3 5/8"	4
			Thermo	3.00414.819 HT	Plain, Bronze	5 3/16"	3 5/8"	2 3/4
5"	1 1/2"	280	Performa Rubber (Conductive/Flat)	3.00514.449 COND	PPBB	6 3/16"	3 7/8"	3
		350	Performa Rubber (Flat/Grey)	3.00514.449	Delrin, PPBB	6 3/16"	3 7/8"	3
		400	Polyolefin	3.00514.809	Delrin, PPBB	6 3/16"	3 7/8"	3
			Polyurethane HI-TECH	3.00514.909	Delrin, PPBB	6 3/16"	3 7/8"	3
			Phenolic	3.00514.309	Delrin, PPBB	6 3/16"	3 7/8"	3
			Cast Iron	3.00514.109	Delrin, PPBB	6 3/16"	3 7/8"	4 1/2
			Thermo	3.00514.819 HT	Plain, Bronze	6 3/16"	3 7/8"	3
6"	1 1/2"	300	Performa Rubber (Conductive/Flat)	3.00614.449 COND	PPBB	7 3/16"	4 5/8"	4
		375	Performa Rubber (Flat/Grey)	3.00614.449	Delrin, PPBB	7 3/16"	4 5/8"	4
		400	Polyolefin	3.00614.809	Delrin, PPBB	7 3/16"	4 5/8"	3 1/2
			Polyurethane HI-TECH	3.00614.909	Delrin, PPBB	7 3/16"	4 5/8"	3 1/2
			Phenolic	3.00614.309	Delrin, PPBB	7 3/16"	4 5/8"	3 1/2
			Cast Iron	3.00614.109	Delrin, PPBB	7 3/16"	4 5/8"	5 3/4

*To order with optional round stem, add mounting code to Square Stem Caster Models number (Example: 3.00314.449 MTG7).

Bearing Options

Wheels feature roller bearings in above chart. To order optional bearings, see information to the right. Consult factory for ordering details.



Roller Bearing
Metal cage roller bearing. (Specify **WB29**). (Example: 3.00314.449 WB29).



Delrin Bearings
For standard two-piece bearing change 9th digit to "1" (Example: 3.00314.441). One-piece with steel thrust washers (Specify **WB11**; Example: 3.00314.441 WB11).



Pedestal Precision Ball Bearing (PPBB)
To order change 9th digit to "5" (Example: 3.00314.445).



Bronze
To order, change the 9th digit in model number to "4" (Example: 3.00314.814 HT).

3 Series

4 Series

TOP PLATE Swivel & Rigid



Consult factory for RoHS requirements on a part specific basis.

Consult the NSF listing page on a part specific basis for NSF requirements.

Capacity up to **1250 lbs each**
Standard 2" tread width

Features

- All caster forks and many wheels USA-made for highest quality and quick delivery (see [USA](#))
- Attractive zinc plated finish
- Full double ball hardened raceways
- 1/2" hollow axle with grease zerk and lock nut
- Plastic seal/retainer washer (roller bearing models)
- 1/4" steel top plate for durability
- Permanent rivet kingpin with 5/8" diameter rivet
- Grease fittings: wheel bearing and swivel raceway
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures



Fork / Wheel Options

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only

To order caster forks only use 1st 6 digits of model numbers (Example: 4.04109).



Foot Activated Swivel Lock

(See page 90) Available on all swivel casters with standard top plate (Specify **MTG81**; Example: 4.06109.839 EN MTG81).



Hand Activated Swivel Lock

(See page 90) Available on all swivel casters in Bolt-On or Welded design.

DirtBan Swivel Seal

(See page 98) Not available on swivel lock models (Specify **SEAL**; Example: 4.06109.459 SEAL).

Thread Guards

(See page 98) Available on many models (Specify **TG1** for metal or **TG2** for plastic; Example: 4.06109.459 TG2).

Load Height Option

6" dia. models with 7 1/4" load height. Only Side Lock brakes (Specify **LH7.25**; Example: 4.06109.459 LH7.25).

Axle/Nut Options

Consult factory.

Lube Options

Consult factory.

Caster Brake



Tread Lock

(See page 89) Available on all swivel casters except 3 1/4" diameter and V-Groove models (Specify **BRK1**; Example: 4.06109.929 BRK1).



Tech Lock®

(See page 88-89) Available on all swivel casters except 3 1/4" diameter, V-Groove and Swivel Lock models. 6" rigid model available (Specify **BRK2**; Example: 4.06109.H59 BRK2).



Side Lock

(See page 88) Available on all swivel roller bearing or one piece Delrin models except 3 1/4" diameter (Specify **BRK3**; Example: 4.06109.459.2 BRK3).



Total Lock

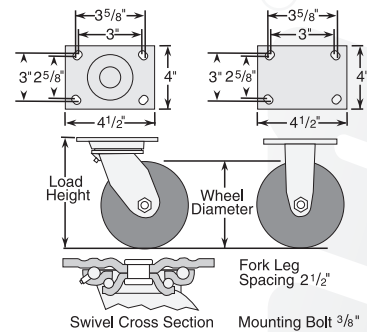
(See page 89) Available on 4", 5", 6" & 8" swivel models except 3 1/4" diameter and V-Groove wheels (Specify **BRK4**; Example: 4.06109.228 BRK4).



Top Lock

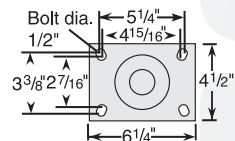
(See page 88) Available on 4", 5", 6" and 8" swivel models except V-Groove (Specify **BRK7**; Example: 4.06109.5F9 BRK7).

Standard Dimensions

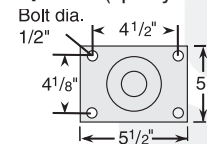


Optional Top Plates

#2 Top Plate (Specify MTG2).



#4 Top Plate (Specify MTG4).



To order optional top plate, add mounting code to Caster Models number (Example: 4.03109.339 MTG2).

CAD Models & Datasheets Online!
www.colsoncaster.com/casters/

See the Performa Advantage on Page 55.



Colson 4 Series Casters (2" tread widths) • Top Plate Swivel & Rigid • Capacity to 1250 lbs

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Swivel Top Plate Roller Bearing Caster Models	Rigid Top Plate Roller Bearing Caster Models	Optional Bearings (Order information below chart)	Load Height	Swivel Radius	Weight lbs (Rigid Deduct 1.5 lbs)		
3 1/4"	2"	700	Phenolic	4.03109.339	4.03108.339	Delrin, PPBB	5 1/4"	3 3/16"	4 3/4		
			Maxim	4.03109.539	4.03108.539	Delrin, Bronze, PPBB	5 1/4"	3 3/16"	4 3/4		
		300	Performa Rubber (Flat/Conductive)	4.04109.459 COND	4.04108.459 COND	PPBB	5 5/8"	3 9/16"	5 3/4		
			Performa Rubber (Flat/Black)	4.04109.459.2	4.04108.459.2	Delrin, Prec. Ball, PPBB	5 5/8"	3 9/16"	5 3/4		
			Performa Rubber (Flat/Grey)	4.04109.459	4.04108.459	Delrin, Prec. Ball, PPBB	5 5/8"	3 9/16"	5 3/4		
			Performa Rubber (Round)	4.04109.559	4.04108.559	Delrin, Prec. Ball, PPBB	5 5/8"	3 9/16"	5 3/4		
		400	Moldon Rubber (Cast iron core)	4.04109.649.7	4.04108.649.7	Delrin, PPBB	5 5/8"	3 9/16"	7 1/4		
			Polyolefin	4.04109.839	4.04108.839	Delrin, Plain, PPBB	5 5/8"	3 9/16"	4 1/2		
			Hydrotech Water-Resistant TPE Alloy	4.04109.HF9	4.04108.HF9	Delrin, PPBB	5 5/8"	3 9/16"	4 3/4		
			Moldon Polyurethane (Aluminum core)	4.04109.939	4.04108.939	Delrin, PPBB	5 5/8"	3 9/16"	5 1/4		
		500	Moldon Polyurethane (Cast iron core)	4.04109.949.7	4.04108.949.7	Delrin, PPBB	5 5/8"	3 9/16"	7 1/4		
			K Solid Polyurethane	4.04109.939 KW	4.04108.939 KW	Delrin, PPBB	5 5/8"	3 9/16"	8 1/8		
			Polyurethane HI-TECH	4.04109.929	4.04108.929	Delrin, Prec. Ball, PPBB	5 5/8"	3 9/16"	5 3/4		
			Polyurethane Antimicrobial HI-TECH	4.04109.929G	4.04108.929G	Delrin, PPBB	5 5/8"	3 9/16"	4 3/4		
		600	CG-MAX Efficiency Wheel™ (Orange)*	4.04109.9NC	4.04108.9NC	Precision Ball Standard	5 5/8"	3 9/16"	7 1/4		
			CG-MAX Efficiency Wheel™ (Maroon)*	4.04109.9PC	4.04108.9PC	Precision Ball Standard	5 5/8"	3 9/16"	7 1/4		
Maxim	4.04109.539		4.04108.539	Delrin, Bronze, PPBB	5 5/8"	3 9/16"	4 1/8				
Phenolic	4.04109.339		4.04108.339	Delrin, PPBB	5 5/8"	3 9/16"	5 3/4				
700	Thermo	4.04109.839 HT	4.04108.839 HT	Plain, Bronze	5 5/8"	3 9/16"	6 3/4				
	V-Groove	4.04109.739	4.04108.739	Delrin, PPBB	5 5/8"	3 9/16"	8 1/8				
	Endura Solid Elastomer	4.04109.839 EN	4.04108.839 EN	Delrin, Prec. Ball, PPBB	5 5/8"	3 9/16"	5 3/4				
	Cast Iron	4.04109.139	4.04108.139	Delrin, PPBB	5 5/8"	3 9/16"	7 7/8				
4"	2"	720	Polyurethane HI-TECH	4.04109.929	4.04108.929	Delrin, Prec. Ball, PPBB	5 5/8"	3 9/16"	5 3/4		
			Polyurethane Antimicrobial HI-TECH	4.04109.929G	4.04108.929G	Delrin, PPBB	5 5/8"	3 9/16"	4 3/4		
		800	CG-MAX Efficiency Wheel™ (Orange)*	4.04109.9NC	4.04108.9NC	Precision Ball Standard	5 5/8"	3 9/16"	7 1/4		
			CG-MAX Efficiency Wheel™ (Maroon)*	4.04109.9PC	4.04108.9PC	Precision Ball Standard	5 5/8"	3 9/16"	7 1/4		
			Maxim	4.04109.539	4.04108.539	Delrin, Bronze, PPBB	5 5/8"	3 9/16"	4 1/8		
			Phenolic	4.04109.339	4.04108.339	Delrin, PPBB	5 5/8"	3 9/16"	5 3/4		
		900	Thermo	4.04109.839 HT	4.04108.839 HT	Plain, Bronze	5 5/8"	3 9/16"	6 3/4		
			V-Groove	4.04109.739	4.04108.739	Delrin, PPBB	5 5/8"	3 9/16"	8 1/8		
			Endura Solid Elastomer	4.04109.839 EN	4.04108.839 EN	Delrin, Prec. Ball, PPBB	5 5/8"	3 9/16"	5 3/4		
			Cast Iron	4.04109.139	4.04108.139	Delrin, PPBB	5 5/8"	3 9/16"	7 7/8		
		5"	2"	325	Performa Rubber (Flat/Conductive)	4.05109.459 COND	4.05108.459 COND	PPBB	6 1/2"	4 1/4"	6 1/8
					Moldon Rubber (Cast iron core)	4.05109.649.7	4.05108.649.7	Delrin, PPBB	6 1/2"	4 1/4"	8 1/8
				400	Performa Rubber (Round)	4.05109.559	4.05108.559	Delrin, Prec. Ball, PPBB	6 1/2"	4 1/4"	6 1/8
					Performa Rubber (Flat/Black)	4.05109.459.2	4.05108.459.2	Delrin, Prec. Ball, PPBB	6 1/2"	4 1/4"	6 1/8
				425	Performa Rubber (Flat/Grey)	4.05109.459	4.05108.459	Delrin, Prec. Ball, PPBB	6 1/2"	4 1/4"	6 1/8
					Polyolefin	4.05109.839	4.05108.839	Delrin, Plain, PPBB	6 1/2"	4 1/4"	4 7/8
500	Hydrotech Water-Resistant TPE Alloy			4.05109.HF9	4.05108.HF9	Delrin, PPBB	6 1/2"	4 1/4"	4 3/4		
	Polyurethane HI-TECH			4.05109.929	4.05108.929	Delrin, PPBB	6 1/2"	4 1/4"	4 3/4		
	Polyurethane Antimicrobial HI-TECH			4.05109.929G	4.05108.929G	Delrin, PPBB	6 1/2"	4 1/4"	4 3/4		
	CG-MAX Efficiency Wheel™ (Orange)*			4.05109.9NC	4.05108.9NC	Precision Ball Standard	6 1/2"	4 1/4"	4 3/4		
650	CG-MAX Efficiency Wheel™ (Maroon)*			4.05109.9PC	4.05108.9PC	Precision Ball Standard	6 1/2"	4 1/4"	4 3/4		
	Maxim			4.05109.539	4.05108.539	Delrin, Bronze, PPBB	6 1/2"	4 1/4"	4 1/2		
	Endura Solid Elastomer			4.05109.839 EN	4.05108.839 EN	Delrin, Prec. Ball, PPBB	6 1/2"	4 1/4"	5 3/4		
	K Solid Polyurethane			4.05109.939 KW	4.05108.939 KW	Delrin, PPBB	6 1/2"	4 1/4"	5 3/4		
750	Moldon Polyurethane (Aluminum core)			4.05109.939	4.05108.939	Delrin, PPBB	6 1/2"	4 1/4"	6 1/8		
	Moldon Polyurethane (Cast iron core)			4.05109.949.7	4.05108.949.7	Delrin, PPBB	6 1/2"	4 1/4"	8 1/8		
	Phenolic	4.05109.339	4.05108.339	Delrin, PPBB	6 1/2"	4 1/4"	5 3/4				
	Thermo	4.05109.839 HT	4.05108.839 HT	Plain, Bronze	6 1/2"	4 1/4"	6 3/4				
900	Cast Iron	4.05109.139	4.05108.139	Delrin, PPBB	6 1/2"	4 1/4"	8 7/8				
	410	Performa Rubber (Flat/Conductive)	4.06109.459 COND	4.06108.459 COND	PPBB	7 1/2"	5"	6 1/8			
		Performa Rubber (Round/Conductive)	4.06109.559 COND	4.06108.559 COND	PPBB	7 1/2"	5"	6 1/8			
	450	Performa Rubber (Round)	4.06109.559	4.06108.559	Delrin, Prec. Ball, PPBB	7 1/2"	5"	6 1/8			
Moldon Rubber (Cast iron core)		4.06109.649.7	4.06108.649.7	Delrin, PPBB	7 1/2"	5"	10 1/2				
600	Performa Rubber (Flat/Black)	4.06109.459.2	4.06108.459.2	Delrin, Prec. Ball, PPBB	7 1/2"	5"	6 1/8				
	Performa Rubber (Flat/Grey)	4.06109.459	4.06108.459	Delrin, Prec. Ball, PPBB	7 1/2"	5"	6 1/8				
700	Polyolefin	4.06109.839	4.06108.839	Delrin, Plain, PPBB	7 1/2"	5"	5 1/2				
	Hydrotech Water-Resistant TPE Alloy	4.06109.HF9	4.06108.HF9	Delrin, PPBB	7 1/2"	5"	5				
	Polyurethane HI-TECH	4.06109.929	4.06108.929	Delrin, PPBB	7 1/2"	5"	5				
	Polyurethane Antimicrobial HI-TECH	4.06109.929G	4.06108.929G	Delrin, PPBB	7 1/2"	5"	5				
900	Endura Solid Elastomer	4.06109.839 EN	4.06108.839 EN	Delrin, Prec. Ball, PPBB	7 1/2"	5"	7				
	K Solid Polyurethane	4.06109.939 KW	4.06108.939 KW	Delrin, PPBB	7 1/2"	5"	7				
	Maxim	4.06109.539	4.06108.539	Delrin, Bronze, PPBB	7 1/2"	5"	4 3/4				
	Moldon Polyurethane (Aluminum core)	4.06109.939	4.06108.939	Delrin, PPBB	7 1/2"	5"	7 1/2				
1100	Moldon Polyurethane (Cast iron core)	4.06109.949.7	4.06108.949.7	Delrin, PPBB	7 1/2"	5"	10 1/2				
	Phenolic	4.06109.339	4.06108.339	Delrin, PPBB	7 1/2"	5"	7				
	V-Groove	4.06109.739	4.06108.739	Delrin, PPBB	7 1/2"	5"	10 1/2				
	Cast Iron	4.06109.139	4.06108.139	Delrin, PPBB	7 1/2"	5"	9 3/4				
1200	CG-MAX Efficiency Wheel™ (Orange)*	4.06109.9NC	4.06108.9NC	Precision Ball Standard	7 1/2"	5"	7 1/2				
	CG-MAX Efficiency Wheel™ (Maroon)*	4.06109.9PC	4.06108.9PC	Precision Ball Standard	7 1/2"	5"	7 1/2				
	1250	Performa Rubber (Flat/Conductive)	4.08199.459 COND	4.08198.459 COND	PPBB	9 1/2"	6 1/2"	6 1/4			
		Performa Rubber (Round/Conductive)	4.08199.559 COND	4.08198.559 COND	PPBB	9 1/2"	6 1/2"	6 1/4			
500	Moldon Rubber (Cast iron core)	4.08199.649.7	4.08198.649.7	Delrin, PPBB	9 1/2"	6 1/2"	13 1/4				
	Performa Rubber (Round)	4.08199.559	4.08198.559	Delrin, Prec. Ball, PPBB	9 1/2"	6 1/2"	6 1/4				
	Performa Rubber (Flat/Black)	4.08199.459.2	4.08198.459.2	Delrin, Prec. Ball, PPBB	9 1/2"	6 1/2"	6 1/4				
	Performa Rubber (Flat/Grey)	4.08199.459	4.08198.459	Delrin, Prec. Ball, PPBB	9 1/2"	6 1/2"	6 1/4				
600	Polyolefin	4.08199.839	4.08198.839	Delrin, Plain, PPBB	9 1/2"	6 1/2"	5 3/4				
	Hydrotech Water-Resistant TPE Alloy	4.08109.HF9	4.08108.HF9	Delrin, PPBB	9 1/2"	6 1/2"	5 3/4				
	Polyurethane HI-TECH	4.08199.929	4.08198.929	Delrin, PPBB	9 1/2"	6 1/2"	5 3/4				
	Polyurethane Antimicrobial HI-TECH	4.08199.929G	4.08198.929G	Delrin, PPBB	9 1/2"	6 1/2"	5 3/4				
675	Endura Solid Elastomer	4.08199.839 EN	4.08198.839 EN	Delrin, Prec. Ball, PPBB	9 1/2"	6 1/2"	5 3/4				
	K Solid Polyurethane	4.08199.939 KW	4.08198.939 KW	Delrin, PPBB	9 1/2"	6 1/2"	5 3/4				
	CG-MAX Efficiency Wheel™ (Orange)*	4.08199.9NC	4.08198.9NC	Precision Ball Standard	9 1/2"	6 1/2"	8 1/4				
	CG-MAX Efficiency Wheel™ (Maroon)*	4.08199.9PC	4.08198.9PC	Precision Ball Standard	9 1/2"	6 1/2"	8 1/4				
900	Maxim	4.08199.539	4.08198.539	Delrin, Bronze, PPBB	9 1/2"	6 1/2"	5 1/2				
	Moldon Polyurethane (Aluminum core)	4.08199.939	4.08198.939	Delrin, PPBB	9 1/2"	6 1/2"	8 1/4				
	Moldon Polyurethane (Cast iron core)	4.08199.949.7	4.08198.949.7	Delrin, PPBB	9 1/2"	6 1/2"	13 1/4				
	Phenolic	4.08199.339	4.08198.339	Delrin, PPBB	9 1/2"	6 1/2"	8 1/2				
1000	Cast Iron	4.08199.139	4.08198.139	Delrin, PPBB	9 1/2"	6 1/2"	12 1/2				
	1200	Performa Rubber (Flat/Conductive)	4.08199.459 COND	4.08198.459 COND	PPBB	9 1/2"	6 1/2"	6 1/4			
		Performa Rubber (Round/Conductive)	4.08199.559 COND	4.08198.559 COND	PPBB	9 1/2"	6 1/2"	6 1/4			
	1250	Moldon Rubber (Cast iron core)	4.08199.649.7	4.08198.649.7	Delrin, PPBB	9 1/2"	6 1/2"	13 1/4			
Performa Rubber (Round)		4.08199.559	4.08198.559	Delrin, Prec. Ball, PPBB	9 1/2"	6 1/2"	6 1/4				
600	Performa Rubber (Flat/Black)	4.08199.459.2	4.08198.459.2	Delrin, Prec. Ball, PPBB	9 1/2"	6 1/2"	6 1/4				
	Performa Rubber (Flat/Grey)	4.08199.459	4.08198.459	Delrin, Prec. Ball, PPBB	9 1/2"	6 1/2"	6 1/4				
	Polyolefin	4.08199.839	4.08198.839	Delrin, Plain, PPBB	9 1/2"	6 1/2"	5 3/4				
	Hydrotech Water-Resistant TPE Alloy	4.08109.HF9	4.08108.HF9	Delrin, PPBB	9 1/2"	6 1/2"	5 3/4				
8"	2"	1200	Polyurethane HI-TECH	4.08199.929	4.08198.929	Delrin, PPBB	9 1/2"	6 1/2"	5 3/4		
			Polyurethane Antimicrobial HI-TECH	4.08199.929G	4.08198.929G	Delrin, PPBB	9 1/2"	6 1/2"	5 3/4		
		1250	Endura Solid Elastomer	4.08199.839 EN	4.08198.839 EN	Delrin, Prec. Ball, PPBB	9 1/2"	6 1/2"	5 3/4		
			K Solid Polyurethane	4.08199.939 KW	4.08198.939 KW	Delrin, PPBB	9 1/2"	6 1/2"	5 3/4		
1250	CG-MAX Efficiency Wheel™ (Orange)*	4.08199.9NC	4.08198.9NC	Precision Ball Standard	9 1/2"	6 1/2"	8 1/4				
	CG-MAX Efficiency Wheel™ (Maroon)*	4.08199.9PC	4.08198.9PC	Precision Ball Standard	9 1/2"	6 1/2"	8 1/4				
	Maxim	4.08199.539	4.08198.539	Delrin, Bronze, PPBB	9 1/2"	6 1/2"	5 1/2				
	Moldon Polyurethane (Aluminum core)	4.08199.939	4.08198.939	Delrin, PPBB	9 1/2"	6 1/2"	8 1/4				
1250	Moldon Polyurethane (Cast iron core)	4.08199.949.7	4.08198.949.7	Delrin, PPBB	9 1/2"	6 1/2"	13 1/4				
	Phenolic	4.08199.339	4.08198.339	Delrin, PPBB	9 1/2"	6 1/2"	8 1/2				
	Thermo	4.08199.839 HT	4.08198.839 HT	Plain, Bronze	9 1/2"	6 1/2"	8 1/2				
	Cast Iron	4.08199.139	4.08198.139	Delrin, PPBB	9 1/2"	6 1/2"	12 1/2				

*CG-MAX wheels available with Precision Ball Bearing only. All 4 Series swivel forks are notched to accommodate four position swivel locks.

Bearing Options

Wheels feature roller bearings in above chart. To order optional bearings, see information to the right.



Roller Bearing
Metal cage roller bearing (Specify **WB29**).
(Example: 4.06109.459 WB29).



Torrington Roller Bearing
Torrington style roller bearing with retainer (Specify **WB19**; Example: 4.06109.459 WB19).



Delrin Bearing
For standard two-piece bearing change 9th digit to "1" (Example: 4.06109.921).
One-piece with steel thrust washers (Specify **WB11**; Example: 4.06109.451 WB11).



Precision Ball Bearing
To order change 8th and 9th digits to "P5" (Example 4.06109.4P5).



Pedestal Precision Ball Bearing (PPBB)
To order change 9th digit to "5" (Example: 4.06109.455.2).



TOP PLATE Swivel & Rigid

Series

Capacity up to **800 lbs each**
Narrow 1 1/2" tread width



Consult factory for RoHS requirements on a part specific basis.



Consult the NSF listing page on a part specific basis for NSF requirements.



Features

- Attractive zinc plated finish
- Full double ball hardened raceways
- 1/2" hollow axle with grease zerk and lock nut
- Plastic seal/retainer washer (roller bearing models)
- 1/4" steel top plate for durability
- Permanent rivet kingpin with 5/8" diameter rivet
- Grease fittings: wheel bearing and swivel raceway
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Caster Brake

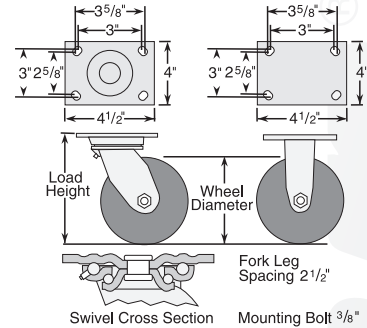


Tread Lock
(See page 87) Available on all swivel casters except 3" diameter models (Specify **BRK1**; Example: 4.06109.819 BRK1).



Tech Lock®
(See page 86-87) Available on all swivel casters except 3" diameter and swivel lock models. Rigid 6" model available (Specify **BRK2**; Example: 4.06109.449 BRK2).

Standard Dimensions



Fork / Wheel Options

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only

To order caster forks only use 1st 6 digits of model numbers (Example: 4.04109).



Foot Activated Swivel Lock
(See page 90) Available on all swivel casters with standard top plate (Specify **MTG81**; Example: 4.04109.519 MTG81).



Hand Activated Swivel Lock
(See page 90) Available on all swivel casters in Bolt-On or Welded design.

DirtBan Swivel Seal

(See page 90) Not available on swivel lock models (Specify **SEAL**; Example: 4.06109.449 SEAL).

Thread Guards

(See page 98) Available on many models (Specify **TG1** for metal or **TG2** for plastic; Example: 4.06109.449 TG2).

Axle/Nut Options

Consult factory.

Lube Options

Consult factory.



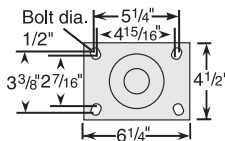
Total Lock
(See page 89) Available on 4", 5", 6" & 8" swivel models (Specify **BRK4**; Example: 4.06109.119 BRK4).



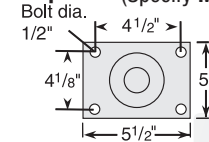
Top Lock
(See page 88) Available on 4", 5", 6" and 8" swivel models (Specify **BRK7**; Example: 4.06109.449 BRK7).

Optional Top Plates

#2 Top Plate (Specify MTG2).

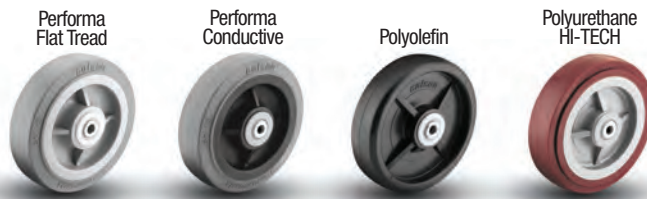


#4 Top Plate (Specify MTG4).



To order optional top plate, add mounting code to Caster Models number (Example: 4.03109.449 MTG2).

Wheel Selection



See the Performa Advantage on Page 55.



Colson 4 Series Casters (1 1/2" tread widths) • Top Plate Swivel & Rigid • Capacity to 800 lbs

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Swivel Top Plate Roller Bearing Caster Models	Rigid Top Plate Roller Bearing Caster Models	Optional Bearings (Order information below chart)	Load Height	Swivel Radius	Weight lbs (Rigid Deduct 1 lb)
3"	1 1/2"	225	Performa Rubber (Conductive/Flat)	4.03109.449 COND	4.03108.449 COND	PPBB	5 1/8"	3 1/16"	3 1/4
		250	Performa Rubber (Flat/Grey)	4.03109.449	4.03108.449	Delrin, PPBB	5 1/8"	3 1/16"	3 1/4
		300	Polyolefin	4.03109.819	4.03108.819	Delrin, Plain, PPBB	5 1/8"	3 1/16"	3 3/4
			Polyurethane HI-TECH	4.03109.919	4.03108.919	Delrin, PPBB	5 1/8"	3 1/16"	3 1/4
		425	Cast Iron	4.03109.119	4.03108.119	Delrin, PPBB	5 1/8"	3 1/16"	5
		600	Phenolic	4.03109.319	4.03108.319	Delrin, PPBB	5 1/8"	3 1/16"	3 3/4
Thermo	4.03109.819 HT		4.03108.819 HT	Plain, Bronze	5 1/8"	3 1/16"	4 3/4		
4"	1 1/2"	255	Performa Rubber (Conductive/Flat)	4.04109.449 COND	4.04108.449 COND	PPBB	5 5/8"	3 9/16"	3 3/4
		325	Performa Rubber (Flat/Grey)	4.04109.449	4.04108.449	Delrin, PPBB	5 5/8"	3 9/16"	3 3/4
		375	Polyolefin	4.04109.819	4.04108.819	Delrin, Plain, PPBB	5 5/8"	3 9/16"	4
		400	Polyurethane HI-TECH	4.04109.919	4.04108.919	Delrin, PPBB	5 5/8"	3 9/16"	3 1/2
		500	Cast Iron	4.04109.119	4.04108.119	Delrin, PPBB	5 5/8"	3 9/16"	5 1/4
			Phenolic	4.04109.319	4.04108.319	Delrin, PPBB	5 5/8"	3 9/16"	3 3/4
		600	Thermo	4.04109.819 HT	4.04108.819 HT	Plain, Bronze	5 5/8"	3 9/16"	4 3/4
			Maxim	4.04109.519	4.04108.519	Delrin, Bronze, PPBB	5 5/8"	3 9/16"	3 3/4
5"	1 1/2"	280	Performa Rubber (Conductive/Flat)	4.05109.449 COND	4.05108.449 COND	PPBB	6 1/2"	4 1/4"	4 1/8
		350	Performa Rubber (Flat/Grey)	4.05109.449	4.05108.449	Delrin, PPBB	6 1/2"	4 1/4"	4 1/8
		450	Polyolefin	4.05109.819	4.05108.819	Delrin, Plain, PPBB	6 1/2"	4 1/4"	4 1/8
		500	Polyurethane HI-TECH	4.05109.919	4.05108.919	Delrin, PPBB	6 1/2"	4 1/4"	4 1/8
			Cast Iron	4.05109.119	4.05108.119	Delrin, PPBB	6 1/2"	4 1/4"	5 1/2
		600	Phenolic	4.05109.319	4.05108.319	Delrin, PPBB	6 1/2"	4 1/4"	3 3/4
			Thermo	4.05109.819 HT	4.05108.819 HT	Plain, Bronze	6 1/2"	4 1/4"	4 3/4
6"	1 1/2"	300	Performa Rubber (Conductive/Flat)	4.06109.449 COND	4.06108.449 COND	PPBB	7 1/2"	5"	5
		375	Performa Rubber (Flat/Grey)	4.06109.449	4.06108.449	Delrin, PPBB	7 1/2"	5"	5
		500	Polyolefin	4.06109.819	4.06108.819	Delrin, Plain, PPBB	7 1/2"	5"	4 1/8
			Polyurethane HI-TECH	4.06109.919	4.06108.919	Delrin, PPBB	7 1/2"	5"	5
		600	Cast Iron	4.06109.119	4.06108.119	Delrin, PPBB	7 1/2"	5"	6 1/2
			Phenolic	4.06109.319	4.06108.319	Delrin, PPBB	7 1/2"	5"	4 1/4
8"	1 1/2"	350	Performa Rubber (Conductive/Flat)	4.08199.449 COND	4.08198.449 COND	PPBB	9 1/2"	6 1/2"	5 3/4
		500	Performa Rubber (Flat/Grey)	4.08199.449	4.08198.449	Delrin, PPBB	9 1/2"	6 1/2"	5 3/4
		600	Polyolefin	4.08199.819	4.08198.819	Delrin, Plain, PPBB	9 1/2"	6 1/2"	4 1/2
		800	Polyurethane HI-TECH	4.08199.919	4.08198.919	Delrin, PPBB	9 1/2"	6 1/2"	5 3/4

All 4 Series swivel forks are notched to accommodate four position swivel locks.

Bearing Options

Wheels feature roller bearings in above chart. To order optional bearings, see information to the right.



Roller Bearing
Metal cage roller bearing (Specify **WB29**).
(Example: 4.06109.449 WB29).



Delrin Bearing
For standard two-piece bearing change ninth digit to "1" (Example: 4.06109.911).



Pedestal Precision Ball Bearing (PPBB)
To order change 9th digit to "5" (Example: 4.06109.915).



Bronze Bearing
To order, change the 9th digit in model number to "4" (Example: 4.05109.814 HT).

4 Series

D4 DEFENDER STAINLESS STEEL Series

Capacity up to 1250 lbs each

Swivel & Rigid



www.ColsonCaster.com



Consult factory for RoHS requirements on a part specific basis.

Consult the NSF listing page on a part specific basis for NSF requirements.

Features

- Constructed of highly polished, corrosion resistant stainless steel (304 Grade)
- Top plate and legs formed from 1/4" thick stainless steel for durability
- Legs precision welded to yoke for strength
- Double stainless steel ball bearing raceways (with zerk) formed smooth for ease of swiveling
- 3/4" 304 Stainless steel permanent rivet kingpin for long swivel life
- Food grade -40°F to 600°F performance grease (FDA approved)
- 1/2" diameter 304 stainless steel zerk axle standard; solid axle available by special order
- NSF listed



The D4 Defender Series is the ideal 2" wide caster solution for customers requiring lasting performance and corrosion resistance. Manufactured from Type 304 stainless steel, this series provides critical defense to applications exposed to washdowns, cleaning agents, steam, caustic solutions, and other environmental conditions that eventually cause oxidation and failure in standard casters.

Brake Selection



Top Lock

Applies positive engagement to tread surface of wheel when activated for a secure lock; available on swivel models only (Specify **BRK7**; Example: D4.06109.839 EN SS **BRK7** WB29).



Side Lock

Large brake pedal places positive locking force against wheel hub when activated; available on all swivel and rigid casters with roller bearings (Specify **BRK3**; Example: D4.06109.929 SS **BRK3** WB29).



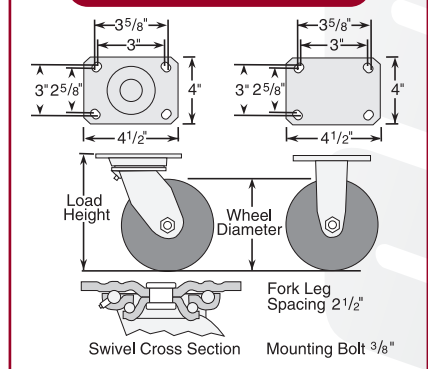
Total Lock

Locks wheel and swivel simultaneously. Total Lock rig rated to 300°F continuous (Specify **BRK4**; Example: D4.06109.459 SS **BRK4** WB29).

Brake Swivel Radius

DIA.	BRK4	BRK7	BRK3
4"	5 ¹⁵ / ₁₆ "	4 ¹⁵ / ₁₆ "	4 ¹⁵ / ₁₆ "
5"	6 ³ / ₈ "	5 ¹ / ₈ "	5 ¹ / ₈ "
6"	6 ³ / ₄ "	5 ³ / ₈ "	5 ³ / ₈ "
8"	6 ¹⁵ / ₁₆ "	6 ¹ / ₂ "	6 ¹ / ₂ "

Standard Dimensions



Fork / Wheel Options

Forks Only

To order caster forks only use 1st 7 digits of model numbers and add SS (Example: D4.04109 SS).



Hand Operated Bolt-on Swivel Lock

Available for all swivel models (field installable); order part **SWWLOCKX2SS** separately. For welded version, please consult factory.



Foot Activated Swivel Lock

Available for all swivel models (field installable); order part **05213.67** separately.



DirtBan Swivel Seals (Upper and Lower Raceways)

Not compatible with Total Lock brake and swivel locks. Temperature rating: 140°F (Specify **SEAL**; Example: D4.06109.929 SS **SEAL**).

Fork Temperature Range

Standard swivel rigs rated up to 600°F; see specified wheel and bearing ratings to determine maximum caster temperature rating.

Wheel Selection

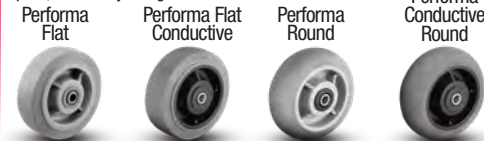
Nylon Models: Temperature/moisture versatility, strong, floor protective



Polyurethane Models: Versatile & floor protective, softer than nylon/metal for quieter ride



Rubber Models: Floor protective, shock absorbing, quiet, debris rejecting



Phenolic Models: Economical & strong, not recommended for moisture



Polyolefin Models: Most Economical, light weight, and water resistant



Thicker 3/4" kingpin lasts up to 2x longer!



Defender 3/4" kingpin rigs last up to 2x longer in internal durability testing compared to standard 5/8" kingpin constructions

HIGH HEAT WHEEL	*CONTINUOUS TEMPERATURE RANGE
Thermo Hi-Temp	up to +480°F
Hi-Temp Nylon Glass Filled	up to +480°F
Phenolic Hi-Temp	up to +475°F
Retort Hi-Temp	up to +290°F

*Temperature range dependent on bearing choice, see next page for bearing temperature specifications.

Colson D4 Series Casters • Defender Stainless Steel Top Plate Swivel & Rigid • Capacity to 1250 lbs

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Swivel Top Plate SS Roller Bearing Models	Rigid Top Plate SS Roller Bearing Models	Optional Bearings (order information in below chart)	Load Height	Swivel Radius	Weight (Pounds) Rigid Deduct 1.5 lbs)	
4"	2"	300	Performa Conductive (Flat)	D4.04109.459 COND SS WB29	D4.04108.459 COND SS WB29	PPBB	5-5/8"	3-3/8"	5-1/4	
		400	Performa (Flat)	D4.04109.459 SS WB29	D4.04108.459 SS WB29	Delrin, Bronze, PPBB	5-5/8"	3-3/8"	5-1/4	
			Performa (Round)	D4.04109.559 SS WB29	D4.04108.559 SS WB29	Delrin, Bronze, PPBB	5-5/8"	3-3/8"	5-1/4	
		500	Retort Hi-Temp	D4.04109.839 RW SS WB29	D4.04108.839 RW SS WB29	Delrin, Bronze, PPBB	5-5/8"	3-3/8"	5	
			Polyolefin	D4.04109.839 SS WB29	D4.04108.839 SS WB29	Delrin, Bronze, PPBB	5-5/8"	3-3/8"	3-3/4	
		600	HydroTech	D4.04109.929 HF SS WB29	D4.04108.929 HF SS WB29	Delrin, Bronze, PPBB	5-5/8"	3-3/8"	4-3/4	
		700	K Solid Polyurethane*	D4.04109.935 KW SS	D4.04108.935 KW SS	Delrin, Bronze	5-5/8"	3-3/8"	4-1/4	
		720	Polyurethane Hi-TECH	D4.04109.929 SS WB29	D4.04108.929 SS WB29	Delrin, Bronze, PPBB	5-5/8"	3-3/8"	5	
			Antimicrobial Hi-TECH	D4.04109.929G SS WB29	D4.04108.929G SS WB29	Delrin, Bronze, PPBB	5-5/8"	3-3/8"	5	
			Phenolic - High Temp	D4.04109.339 HT SS WB29	D4.04108.339 HT SS WB29	Delrin, Bronze, PPBB	5-5/8"	3-3/8"	5	
			Phenolic	D4.04109.339 SS WB29	D4.04108.339 SS WB29	Delrin, Bronze, PPBB	5-5/8"	3-3/8"	5	
			800	Maxim Nylon Glass Filled	D4.04109.539 SS WB29	D4.04108.539 SS WB29	Delrin, Bronze, PPBB	5-5/8"	3-3/8"	5
				Hi-Temp Nylon Glass Filled	D4.04109.839 HTBLK SS WB29	D4.04108.839 HTBLK SS WB29	Delrin, Bronze, PPBB	5-5/8"	3-3/8"	5
		900	Thermo Hi-Temp	D4.04109.839 HT SS WB29	D4.04108.839 HT SS WB29	Delrin, Bronze, PPBB	5-5/8"	3-3/8"	5	
White Nylon	D4.04109.539 WN SS WB29		D4.04108.539 WN SS WB29	Delrin, Bronze, PPBB	5-5/8"	3-3/8"	5			
1000	HD Nylon Glass Filled	D4.04109.839 DT SS WB29	D4.04108.839 DT SS WB29	Delrin, Bronze, PPBB	5-5/8"	3-3/8"	5			
	Endura Solid Elastomer	D4.04109.839 EN SS WB29	D4.04108.839 EN SS WB29	Delrin, Bronze, PPBB	5-5/8"	3-3/8"	5-3/4			
1250	Commander HD*	D4.04109.5PN SS	D4.04108.5PN SS	SS Prec. Ball Standard	5-5/8"	3-3/8"	7			
5"	2"	325	Performa Conductive (Flat)	D4.05109.459 COND SS WB29	D4.05108.459 COND SS WB29	PPBB	6-1/2"	4-1/8"	5-1/2	
		425	Performa (Round)	D4.05109.559 SS WB29	D4.05108.559 SS WB29	Delrin, Bronze, PPBB	6-1/2"	4-1/8"	5-1/2	
			Performa (Flat)	D4.05109.459 SS WB29	D4.05108.459 SS WB29	Delrin, Bronze, PPBB	6-1/2"	4-1/8"	5-1/2	
		500	Retort Hi-Temp	D4.05109.839 RW SS WB29	D4.05108.839 RW SS WB29	Delrin, Bronze, PPBB	6-1/2"	4-1/8"	5-1/4	
			Polyolefin	D4.05109.839 SS WB29	D4.05108.839 SS WB29	Delrin, Bronze, PPBB	6-1/2"	4-1/8"	4-1/2	
		750	HydroTech	D4.05109.929 HF SS WB29	D4.05108.929 HF SS WB29	Delrin, Bronze, PPBB	6-1/2"	4-1/8"	4-3/4	
		900	Polyurethane Hi-TECH	D4.05109.929 SS WB29	D4.05108.929 SS WB29	Delrin, Bronze, PPBB	6-1/2"	4-1/8"	5-1/4	
			Antimicrobial Hi-TECH	D4.05109.929G SS WB29	D4.05108.929G SS WB29	Delrin, Bronze, PPBB	6-1/2"	4-1/8"	5-1/4	
			Phenolic - High Temp	D4.05109.339 HT SS WB29	D4.05108.339 HT SS WB29	Delrin, Bronze, PPBB	6-1/2"	4-1/8"	5-1/4	
			Phenolic	D4.05109.339 SS WB29	D4.05108.339 SS WB29	Delrin, Bronze, PPBB	6-1/2"	4-1/8"	5-1/4	
			1000	Maxim Nylon Glass Filled	D4.05109.539 SS WB29	D4.05108.539 SS WB29	Delrin, Bronze, PPBB	6-1/2"	4-1/8"	5-1/4
				White Nylon	D4.05109.539 WN SS WB29	D4.05108.539 WN SS WB29	Delrin, Bronze, PPBB	6-1/2"	4-1/8"	5-1/4
		1200	Endura Solid Elastomer	D4.05109.839 EN SS WB29	D4.05108.839 EN SS WB29	Delrin, Bronze, PPBB	6-1/2"	4-1/8"	5-7/8	
			Hi-Temp Nylon Glass Filled	D4.05109.839 HTBLK SS WB29	D4.05108.839 HTBLK SS WB29	Delrin, Bronze, PPBB	6-1/2"	4-1/8"	5-1/4	
1250	K Solid Polyurethane*	D4.05109.935 KW SS	D4.05108.935 KW SS	Delrin, Bronze	6-1/2"	4-1/8"	5			
	Thermo Hi-Temp	D4.05109.839 HT SS WB29	D4.05108.839 HT SS WB29	Delrin, Bronze, PPBB	6-1/2"	4-1/8"	5-1/4			
1200	HD Nylon Glass Filled	D4.05109.839 DT SS WB29	D4.05108.839 DT SS WB29	Delrin, Bronze, PPBB	6-1/2"	4-1/8"	5-1/4			
	Commander HD*	D4.05109.5PN SS	D4.05108.5PN SS	SS Prec. Ball Standard	6-1/2"	4-1/8"	8			
6"	2"	410	Performa Conductive (Flat)	D4.06109.459 COND SS WB29	D4.06108.459 COND SS WB29	PPBB	7-1/2"	4-7/8"	5-3/4	
		450	Performa Conductive (Round)	D4.06109.559 COND SS WB29	D4.06108.559 COND SS WB29	PPBB	7-1/2"	4-7/8"	5-3/4	
			Performa (Round)	D4.06109.559 SS WB29	D4.06108.559 SS WB29	Delrin, Bronze, PPBB	7-1/2"	4-7/8"	5-3/4	
		600	Performa (Flat)	D4.06109.459 SS WB29	D4.06108.459 SS WB29	Delrin, Bronze, PPBB	7-1/2"	4-7/8"	5-3/4	
			Retort Hi-Temp	D4.06109.839 RW SS WB29	D4.06108.839 RW SS WB29	Delrin, Bronze, PPBB	7-1/2"	4-7/8"	5-1/2	
		700	Polyolefin	D4.06109.839 SS WB29	D4.06108.839 SS WB29	Delrin, Bronze, PPBB	7-1/2"	4-7/8"	4-3/4	
			HydroTech	D4.06109.929 HF SS WB29	D4.06108.929 HF SS WB29	Delrin, Bronze, PPBB	7-1/2"	4-7/8"	5	
		900	Polyurethane Hi-TECH	D4.06109.929 SS WB29	D4.06108.929 SS WB29	Delrin, Bronze, PPBB	7-1/2"	4-7/8"	5-3/4	
			Antimicrobial Hi-TECH	D4.06109.929G SS WB29	D4.06108.929G SS WB29	Delrin, Bronze, PPBB	7-1/2"	4-7/8"	5-3/4	
			Endura Solid Elastomer	D4.06109.839 EN SS WB29	D4.06108.839 EN SS WB29	Delrin, Bronze, PPBB	7-1/2"	4-7/8"	6	
			Thermo Hi-Temp	D4.06109.839 HT SS WB29	D4.06108.839 HT SS WB29	Delrin, Bronze, PPBB	7-1/2"	4-7/8"	5-3/4	
			1200	Phenolic - High Temp	D4.06109.339 HT SS WB29	D4.06108.339 HT SS WB29	Delrin, Bronze, PPBB	7-1/2"	4-7/8"	6-1/4
				Phenolic	D4.06109.339 SS WB29	D4.06108.339 SS WB29	Delrin, Bronze, PPBB	7-1/2"	4-7/8"	6-1/4
		1200	Maxim Nylon Glass Filled	D4.06109.539 SS WB29	D4.06108.539 SS WB29	Delrin, Bronze, PPBB	7-1/2"	4-7/8"	5-3/4	
White Nylon	D4.06109.539 WN SS WB29		D4.06108.539 WN SS WB29	Delrin, Bronze, PPBB	7-1/2"	4-7/8"	6-1/4			
1250	Hi-Temp Nylon Glass Filled	D4.06109.839 HTBLK SS WB29	D4.06108.839 HTBLK SS WB29	Delrin, Bronze, PPBB	7-1/2"	4-7/8"	5-3/4			
	HD Nylon Glass Filled	D4.06109.839 DT SS WB29	D4.06108.839 DT SS WB29	Delrin, Bronze, PPBB	7-1/2"	4-7/8"	6-1/4			
1250	K Solid Polyurethane*	D4.06109.935 KW SS	D4.06108.935 KW SS	Delrin, Bronze	7-1/2"	4-7/8"	5-1/2			
	Commander HD*	D4.06109.5PN SS	D4.06108.5PN SS	SS Prec. Ball Standard	7-1/2"	4-7/8"	9-3/4			
8"	2"	500	Performa Conductive (Flat)	D4.08109.459 COND SS WB29	D4.08108.459 COND SS WB29	PPBB	9-1/2"	6-3/8"	6	
		600	Performa Conductive (Round)	D4.08109.559 COND SS WB29	D4.08108.559 COND SS WB29	PPBB	9-1/2"	6-3/8"	6	
			Performa (Round)	D4.08109.559 SS WB29	D4.08108.559 SS WB29	Delrin, Bronze, PPBB	9-1/2"	6-3/8"	6	
		675	Performa (Flat)	D4.08109.459 SS WB29	D4.08108.459 SS WB29	Delrin, Bronze, PPBB	9-1/2"	6-3/8"	6	
			Retort Hi-Temp	D4.08109.839 RW SS WB29	D4.08108.839 RW SS WB29	Delrin, Bronze, PPBB	9-1/2"	6-3/8"	6-1/4	
		900	Polyolefin	D4.08109.839 SS WB29	D4.08108.839 SS WB29	Delrin, Bronze, PPBB	9-1/2"	6-3/8"	6-1/4	
			HydroTech	D4.08109.929 HF SS WB29	D4.08108.929 HF SS WB29	Delrin, Bronze, PPBB	9-1/2"	6-3/8"	5-3/4	
		1000	Polyurethane Hi-TECH	D4.08109.929 SS WB29	D4.08108.929 SS WB29	Delrin, Bronze, PPBB	9-1/2"	6-3/8"	7	
			Antimicrobial Hi-TECH	D4.08109.929G SS WB29	D4.08108.929G SS WB29	Delrin, Bronze, PPBB	9-1/2"	6-3/8"	7	
			White Nylon	D4.08109.539 WN SS WB29	D4.08108.539 WN SS WB29	Delrin, Bronze, PPBB	9-1/2"	6-3/8"	8	
			1200	Endura Solid Elastomer	D4.08109.839 EN SS WB29	D4.08108.839 EN SS WB29	Delrin, Bronze, PPBB	9-1/2"	6-3/8"	6-3/4
				Thermo Hi-Temp	D4.08109.839 HT SS WB29	D4.08108.839 HT SS WB29	Delrin, Bronze, PPBB	9-1/2"	6-3/8"	7
			1250	Phenolic - High Temp	D4.08109.339 HT SS WB29	D4.08108.339 HT SS WB29	Delrin, Bronze, PPBB	9-1/2"	6-3/8"	8
		Phenolic		D4.08109.339 SS WB29	D4.08108.339 SS WB29	Delrin, Bronze, PPBB	9-1/2"	6-3/8"	8	
1250	Maxim Nylon Glass Filled	D4.08109.539 SS WB29	D4.08108.539 SS WB29	Delrin, Bronze, PPBB	9-1/2"	6-3/8"	7			
	HD Nylon Glass Filled	D4.08109.839 DT SS WB29	D4.08108.839 DT SS WB29	Delrin, Bronze, PPBB	9-1/2"	6-3/8"	8			
1250	Hi-Temp Nylon Glass Filled	D4.08109.839 HTBLK SS WB29	D4.08108.839 HTBLK SS WB29	Delrin, Bronze, PPBB	9-1/2"	6-3/8"	7			
	K Solid Polyurethane*	D4.08109.935 KW SS	D4.08108.935 KW SS	Delrin, Bronze	9-1/2"	6-3/8"	6-1/2			
1250	Commander HD*	D4.08109.5PN SS	D4.08108.5PN SS	SS Prec. Ball Standard	9-1/2"	6-3/8"	10			

*K Solid Polyurethane wheels standard with Pedestal Precision Ball Bearing (PPBB); Commander HD wheels standard with large Precision Ball Bearings.

Bearing Options

Wheels feature stainless steel roller bearings in above chart, unless otherwise noted. To order optional bearings, see information to right.



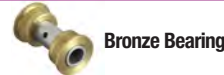
Stainless Steel Roller Bearing

Temperature Rating: 350°F
The standard bearing option in all above models with **WB29** specification.
High Temp wheel selections are automatically upgraded to stainless steel thrust and retaining washers.



Delrin® Bearing

Temperature Rating: 160°F (increases to 350°F continuous for high-temp wheel selections)
To order, change 10th digit to "1" and remove WB29 from model number.
(Example: D4.06109.921 SS)



Bronze Bearing

Temperature Rating: 525°F
To order, change the 10th digit in model number to "4" and remove WB29 from model number.
(Example: D4.06109.534 SS).



Stainless Steel Pedestal Precision Ball Bearing (PPBB)

Temperature Rating: 250°F (increases to 480°F continuous for high-temp wheel selections)
To order change 10th digit to "5" and remove WB29 from model number.
(Example: D4.06109.925 SS).
Sealed Precision Ball Bearing: Specify "P5". Minimum order quantities apply.

When specifying High Temp wheels: Delrin bearing selections are automatically upgraded to high temp nylon bearings (350°F continuous bearing rating); Precision Ball bearing selections are upgraded to high temp precision ball bearings (480°F continuous bearing rating); and Roller Bearing models are upgraded to include stainless steel thrust and retaining washers.

D4 Series



Consult factory for RoHS requirements on a part specific basis.

4 Series

BUSINESS MACHINE Swivel
Capacity up to **1200 lbs each**



700 lb model



500 lb model



1200 lb model



1500 lb model

Features

- Corrosion resistant zinc finish
- Hardened double ball raceways
- Operating temperature rating -45°F to 180°F
- Ultra-tough, thermoplastic wheel resists hard impacts and supports high dynamic load

Typical Applications

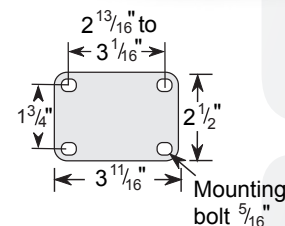
Vending machines, computer racks, server cabinets or anywhere overall load height is restricted

Performance Options

Consult factory for rigid, brake and additional finish options

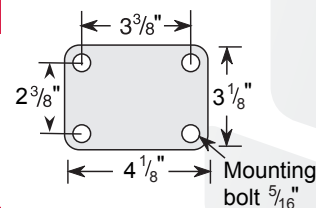
Business Machine Casters • 500 lb Top Plate

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Wheel Bearing	Swivel Top Plate Caster Models	Load Height	Swivel Radius	Weight lbs
3"	1 ¹³ / ₁₆ "	500	Glass Filled Nylon	Roller	S4.3305.351	4 ¹ / ₈ "	2 ³ / ₄ "	2 ¹ / ₄



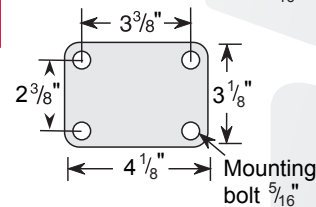
Business Machine Casters • 700 lb Top Plate

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Wheel Bearing	Swivel Top Plate Caster Models	Load Height	Swivel Radius	Weight lbs
3"	1 ¹³ / ₁₆ "	700	Glass Filled Nylon	Roller	S4.3307.351	3 ³¹ / ₃₂ "	2 ³ / ₄ "	2 ¹ / ₂



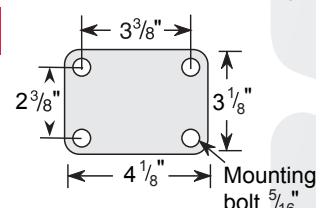
Business Machine Casters • 1200 lb Top Plate

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Wheel Bearing	Swivel Top Plate Caster Models	Load Height	Swivel Radius	Weight lbs
3"	1 ¹³ / ₁₆ "	1200	Glass Filled Nylon	Roller	S4.3312.351	4 ¹ / ₈	2 ¹ / ₂	3



Business Machine Casters • 1500 lb Top Plate NEW

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Wheel Bearing	Swivel Top Plate Caster Models	Load Height	Swivel Radius	Weight lbs
3"	1 ¹³ / ₁₆ "	1500	Glass Filled Nylon	Roller	S4.3315.351	4 ¹ / ₈	2 ¹ / ₂	3



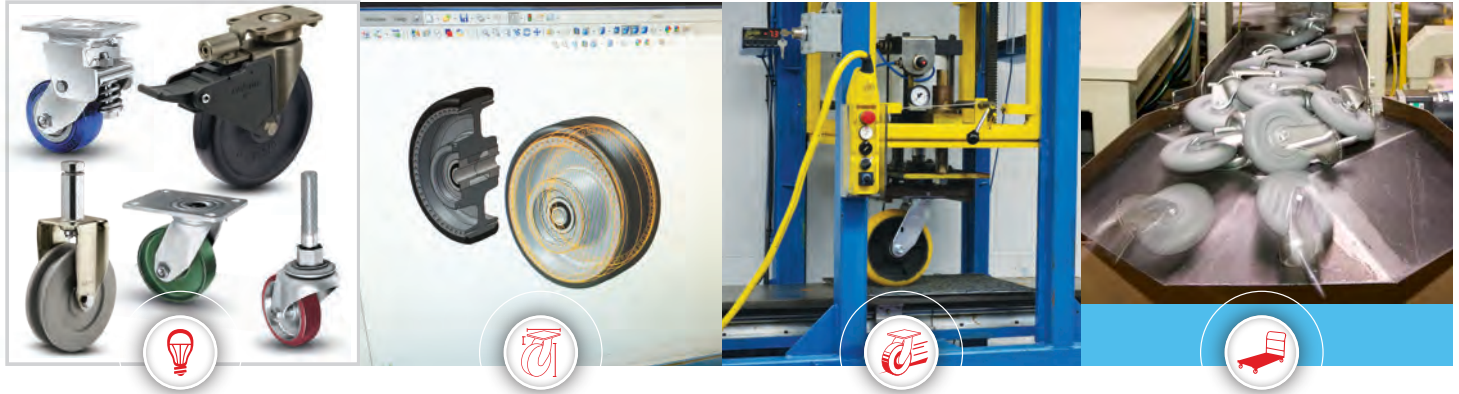
CUSTOM SOLUTIONS

envision it.

design it.

test it.

build it.



WITH THOUSANDS OF DIFFERENT STANDARD CASTER MODELS AVAILABLE,

it's likely that Colson has the caster you need as a standard offering. However, if you have an application that requires a custom caster need, **Colson engineers will partner with you to create a practical solution.**

Whether it's a modification to an existing product or a brand new custom design, **Colson has the engineering experience and technology to bring your concept to life.**

At Colson, every custom project is led by a single project manager. Our comprehensive process begins by capturing the customer vision and all application requirements, and ends with a customer approved product that has been tightly audited throughout the production process. Every stage is scrutinized and reviewed, providing a solid framework for all new product innovations. This process ensures that your mobility solution is brought to life on-time and on-budget.

colson[®]



Consult factory for RoHS requirements on a part specific basis.

6 Series

Capacity up to **1500 lbs each**

TOP PLATE Swivel & Rigid



Features

- Attractive zinc plated finish
- Full double ball hardened raceways
- 1/2" hollow axle with grease zerk and lock nut
- Plastic seal/retainer washer (roller bearing models)
- 5/16" steel top plate for durability (1/4" rigid top plate)
- Heat treated bolt and nut kingpin with 3/4" diameter bolt
- Grease fittings: wheel bearing and swivel raceway
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Fork / Wheel Options

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only

To order caster forks only use 1st 6 digits of model numbers (Example: 6.04209).



Hand Activated Swivel Lock

(See page 90) Available on all swivel casters in Bolt-On or Welded design. (Specify **MTG62** for Bolt-On, or **MTG52** for Welded design; Example: 6.06209.949.7 MTG52).

Thread Guards

(See page 98) Available on many models (Specify **TG1** for metal or **TG2** for plastic; Example: 6.06209.459 TG1).

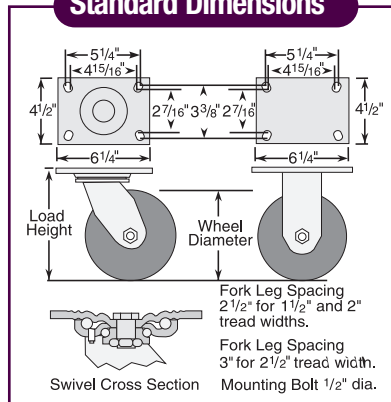
Axle/Nut Options

Consult factory.

Lube Options

Consult factory.

Standard Dimensions



Caster Brake



Tread Lock

(See page 89) Available on all swivel casters with 2" tread widths except V-Groove models (Specify **BRK1**; Example: 6.06209.949.7 BRK1).

CAD Models & Datasheets Online!
www.colsoncaster.com/casters/

See the Performa Advantage on Page 55.

Wheel Selection



Colson 6 Series Casters • Top Plate Swivel & Rigid • Capacity to 1500 lbs

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Wheel Descriptions	Swivel Top Plate Roller Bearing Caster Models	Rigid Top Plate Roller Bearing Caster Models	Optional Bearings (Order information below chart)	Load Height	Swivel Radius	Weight lbs (Rigid Deduct 1.5 lbs)
4"	2"	300	Performa Rubber (Conductive/Flat)	6.04209.459 COND	6.04208.459 COND	PPBB	5 5/8"	3 5/8"	7 1/4
		400	Performa Rubber (Flat/Black)	6.04209.459.2	6.04208.459.2	Delrin, Prec. Ball, PPBB	5 5/8"	3 5/8"	7 1/4
			Performa Rubber (Flat/Grey)	6.04209.459	6.04208.459	Delrin, Prec. Ball, PPBB	5 5/8"	3 5/8"	7 1/4
			Performa Rubber (Round)	6.04209.559	6.04208.559	Delrin, Prec. Ball, PPBB	5 5/8"	3 5/8"	7 1/4
		500	Polyolefin	6.04209.839	6.04208.839	Plain, Delrin, PPBB	5 5/8"	3 5/8"	7 1/4
		700	Moldon Polyurethane (Aluminum core)	6.04209.939	6.04208.939	Delrin, PPBB	5 5/8"	3 5/8"	7 1/2
			Moldon Polyurethane (Cast iron core)	6.04209.949.7	6.04208.949.7	Delrin, PPBB	5 5/8"	3 5/8"	9 1/4
			K Solid Polyurethane	6.04209.939 KW	6.04208.939 KW	Delrin, PPBB	5 5/8"	3 5/8"	7 1/4
			Polyurethane HI-TECH Maroon	6.04209.929	6.04208.929	Delrin, PPBB	5 5/8"	3 5/8"	7 1/2
		800	Polyurethane Antimicrobial HI-TECH Grey	6.04209.929G	6.04208.929G	Delrin, PPBB	5 5/8"	3 5/8"	7 1/2
			Maxim	6.04209.539	6.04208.539	Delrin, Bronze, PPBB	5 5/8"	3 5/8"	6 3/8
			Phenolic	6.04209.339	6.04208.339	Delrin, PPBB	5 5/8"	3 5/8"	7 1/4
			CG-MAX Efficiency Wheel™ (Orange)*	6.04209.9NC	6.04208.9NC	Prec. Ball Standard	5 5/8"	3 5/8"	9 1/8
			CG-MAX Efficiency Wheel™ (Maroon)*	6.04209.9PC	6.04208.9PC	Prec. Ball Standard	5 5/8"	3 5/8"	9 1/8
			Thermo	6.04209.839 HT	6.04208.839 HT	Plain, Bronze	5 5/8"	3 5/8"	8 1/4
			V-Groove	6.04209.739	6.04208.739	Delrin, PPBB	5 5/8"	3 5/8"	11
Endura Solid Elastomer	6.04209.839 EN		6.04208.839 EN	Delrin, Prec. Ball, PPBB	5 5/8"	3 5/8"	7 1/4		
1000	Cast Iron	6.04209.139	6.04208.139	Delrin, PPBB	5 5/8"	3 5/8"	9		
	5"	2"	325	Performa Rubber (Conductive/Flat)	6.05209.459 COND	6.05208.459 COND	PPBB	6 1/2"	4 5/16"
425			Performa Rubber (Round)	6.05209.559	6.05208.559	Delrin, Prec. Ball, PPBB	6 1/2"	4 5/16"	7 5/8
500			Performa Rubber (Flat/Black)	6.05209.459.2	6.05208.459.2	Delrin, Prec. Ball, PPBB	6 1/2"	4 5/16"	7 5/8
			Performa Rubber (Flat/Grey)	6.05209.459	6.05208.459	Delrin, Prec. Ball, PPBB	6 1/2"	4 5/16"	7 5/8
650			Polyolefin	6.05209.839	6.05208.839	Delrin, Plain, PPBB	6 1/2"	4 5/16"	7 5/8
900			Polyurethane HI-TECH Maroon	6.05209.929	6.05208.929	Delrin, PPBB	6 1/2"	4 5/16"	8 1/2
			Polyurethane Antimicrobial HI-TECH Grey	6.05209.929G	6.05208.929G	Delrin, PPBB	6 1/2"	4 5/16"	8 1/2
			Maxim	6.05209.539	6.05208.539	Delrin, Bronze, PPBB	6 1/2"	4 5/16"	6 3/4
			Endura Solid Elastomer	6.05209.839 EN	6.05208.839 EN	Delrin, Prec. Ball, PPBB	6 1/2"	4 5/16"	8
1000			K Solid Polyurethane	6.05209.939 KW	6.05208.939 KW	Delrin, PPBB	6 1/2"	4 5/16"	8
			Moldon Polyurethane (Aluminum core)	6.05209.939	6.05208.939	Delrin, PPBB	6 1/2"	4 5/16"	8 3/4
			Moldon Polyurethane (Cast iron core)	6.05209.949.7	6.05208.949.7	Delrin, PPBB	6 1/2"	4 5/16"	11 1/4
			Phenolic	6.05209.339	6.05208.339	Delrin, PPBB	6 1/2"	4 5/16"	8
			CG-MAX Efficiency Wheel™ (Orange)*	6.05209.9NC	6.05208.9NC	Prec. Ball Standard	6 1/2"	4 5/16"	9 1/2
			CG-MAX Efficiency Wheel™ (Maroon)*	6.05209.9PC	6.05208.9PC	Prec. Ball Standard	6 1/2"	4 5/16"	9 1/2
			Thermo	6.05209.839 HT	6.05208.839 HT	Plain, Bronze	6 1/2"	4 5/16"	9
	Cast Iron	6.05209.139	6.05208.139	Delrin, PPBB	6 1/2"	4 5/16"	10 3/4		
6"	2"	410	Performa Rubber (Conductive/Flat)	6.06209.459 COND	6.06208.459 COND	PPBB	7 1/2"	4 3/4"	7 3/4
		450	Performa Rubber (Conductive/Round)	6.06209.559 COND	6.06208.559 COND	PPBB	7 1/2"	4 3/4"	7 3/4
			Performa Rubber (Round)	6.06209.559	6.06208.559	Delrin, Prec. Ball, PPBB	7 1/2"	4 3/4"	7 3/4
		600	Performa Rubber (Flat/Black)	6.06209.459.2	6.06208.459.2	Delrin, Prec. Ball, PPBB	7 1/2"	4 3/4"	7 3/4
			Performa Rubber (Flat/Grey)	6.06209.459	6.06208.459	Delrin, Prec. Ball, PPBB	7 1/2"	4 3/4"	7 3/4
		700	Polyolefin	6.06209.839	6.06208.839	Plain, Delrin, PPBB	7 1/2"	4 3/4"	8 1/2
		1100	Polyurethane HI-TECH Maroon	6.06209.929	6.06208.929	Delrin, PPBB	7 1/2"	4 3/4"	7 3/4
			Polyurethane Antimicrobial HI-TECH Grey	6.06209.929G	6.06208.929G	Delrin, PPBB	7 1/2"	4 3/4"	7 3/4
			Endura Solid Elastomer	6.06209.839 EN	6.06208.839 EN	Delrin, Prec. Ball, PPBB	7 1/2"	4 3/4"	9 1/4
			K Solid Polyurethane	6.06209.939 KW	6.06208.939 KW	Delrin, PPBB	7 1/2"	4 3/4"	9 1/4
		1200	Maxim	6.06209.539	6.06208.539	Delrin, Bronze, PPBB	7 1/2"	4 3/4"	7 1/8
			Moldon Polyurethane (Aluminum core)	6.06209.939	6.06208.939	Delrin, PPBB	7 1/2"	4 3/4"	9 1/4
			Moldon Polyurethane (Cast iron core)	6.06209.949.7	6.06208.949.7	Delrin, PPBB	7 1/2"	4 3/4"	12 1/2
			Phenolic	6.06209.339	6.06208.339	Delrin, PPBB	7 1/2"	4 3/4"	9 1/4
	V-Groove		6.06209.739	6.06208.739	Delrin, PPBB	7 1/2"	4 3/4"	12	
	CG-MAX Efficiency Wheel™ (Orange)*		6.06209.9NC	6.06208.9NC	Prec. Ball Standard	7 1/2"	4 3/4"	10 5/8	
1250	CG-MAX Efficiency Wheel™ (Maroon)*	6.06209.9PC	6.06208.9PC	Prec. Ball Standard	7 1/2"	4 3/4"	10 5/8		
	1500	Cast Iron	6.06209.139	6.06208.139	Delrin, PPBB	7 1/2"	4 3/4"	12 1/2	
2 1/2"	1500	Phenolic	6.06259.369	6.06258.369	—	7 1/2"	4 3/4"	10 1/4	
		Cast Iron	6.06259.169	6.06258.169	—	7 1/2"	4 3/4"	15 3/4	
8"	2"	500	Performa Rubber (Conductive/Flat)	6.08299.459 COND	6.08298.459 COND	PPBB	9 1/2"	6 1/4"	8 1/2
		600	Performa Rubber (Conductive/Round)	6.08299.559 COND	6.08298.559 COND	PPBB	9 1/2"	6 1/4"	8 1/2
			Performa Rubber (Round)	6.08299.559	6.08298.559	Delrin, Prec. Ball, PPBB	9 1/2"	6 1/4"	8 1/2
		675	Performa Rubber (Flat/Black)	6.08299.459.2	6.08298.459.2	Delrin, Prec. Ball, PPBB	9 1/2"	6 1/4"	8 1/2
			Performa Rubber (Flat/Grey)	6.08299.459	6.08298.459	Delrin, Prec. Ball, PPBB	9 1/2"	6 1/4"	8 1/2
		900	Polyolefin	6.08299.839	6.08298.839	Plain, Delrin, PPBB	9 1/2"	6 1/4"	10 1/4
		1200	Polyurethane HI-TECH Maroon	6.08299.929	6.08298.929	Delrin, PPBB	9 1/2"	6 1/4"	9 1/2
			Polyurethane Antimicrobial HI-TECH Grey	6.08299.929G	6.08298.929G	Delrin, PPBB	9 1/2"	6 1/4"	9 1/2
			Endura Solid Elastomer	6.08299.839 EN	6.08298.839 EN	Delrin, Prec. Ball, PPBB	9 1/2"	6 1/4"	11 1/2
			Phenolic	6.08299.339	6.08298.339	Delrin, PPBB	9 1/2"	6 1/4"	11 1/2
		1400	Maxim	6.08299.539	6.08298.539	Delrin, Bronze, PPBB	9 1/2"	6 1/4"	8
			K Solid Polyurethane	6.08299.939 KW	6.08298.939 KW	Delrin, PPBB	9 1/2"	6 1/4"	11 1/2
			Moldon Polyurethane (Aluminum core)	6.08299.939	6.08298.939	Delrin, PPBB	9 1/2"	6 1/4"	11 1/4
			Moldon Polyurethane (Cast iron core)	6.08299.949.7	6.08298.949.7	Delrin, PPBB	9 1/2"	6 1/4"	16 1/4
	CG-MAX Efficiency Wheel™ (Orange)*		6.08299.9NC	6.08298.9NC	Prec. Ball Standard	9 1/2"	6 1/4"	11 5/8	
	CG-MAX Efficiency Wheel™ (Maroon)*		6.08299.9PC	6.08298.9PC	Prec. Ball Standard	9 1/2"	6 1/4"	11 5/8	
1500	Cast Iron	6.08299.139	6.08298.139	Delrin, PPBB	9 1/2"	6 1/4"	16 1/4		
	2 1/2"	1500	Phenolic	6.08259.369	6.08258.369	—	9 1/2"	6 1/4"	13 1/4
Cast Iron			6.08259.169	6.08258.169	—	9 1/2"	6 1/4"	18	
10"	2 1/2"	1500	Phenolic	6.10259.369	6.10258.369	—	11 1/2"	7 25/32"	14 3/4
			Cast Iron	6.10259.169	6.10258.169	—	11 1/2"	7 25/32"	22 1/2

*CG-MAX wheels available with Precision Ball Bearing only.

Bearing Options

Wheels feature roller bearings in above chart. To order optional bearings, see information to the right.



Roller Bearing
Metal cage roller bearing (Specify **WB29**).

(Example: 4.06209.459 WB29).



Torrington Roller Bearing
Torrington style roller bearing with retainer (Specify **WB19**).

Example: 4.06209.459 WB19).



Delrin Bearing
For standard two-piece bearing change 9th digit to "1" (Example: 6.06209.931).

One-piece with steel thrust washers (Specify **WB11**; Example: 4.06201.459 WB11).



Precision Ball Bearing

To order change 8th and 9th digits to "P5" (Example: 4.06109.4P5).



Pedestal Precision Ball Bearing (PPBB)

To order change 9th digit to "5" (Example: 6.06209.4F5).



Bronze Bearing
To order, change

the 9th digit in model number to "4" (Example: 6.06209.534).

6 Series

Wheel Overview

Wheel Bearings

Page: 54

Order Charts: p. 91



Wheel Thread Guards

Page: 54

Order Chart: p. 96



Performa® Rubber

Pages: 55-63

Capacity:

60 lbs to 1,700 lbs each



Flat Grey and Black (p. 56-57, 59)



Round Grey (p. 58, 60)



Conductive Round and Flat (p. 61-62)



Hand Truck Round and Flat (p. 63)

For Caster Series: 1, 2, 3, 4, and 6

Wheel Diameters: 1-5/8", 2", 2-1/2", 3", 3-1/2", 4", 5", 6", 8", 10", and 12"

Tread Width: 7/8", 1-1/4", 1-5/16", 1-1/2", 2", 2-1/2", and 3"

Rubber Tread

Pages: 63-64

Capacity:

75 lbs to 1,140 lbs each

For Caster Series: 1, 2, 4, and 6

Wheel Diameters: 2", 3", 4", 5", 6", and 8"

Tread Width: 7/8", 1-1/4", and 2"



Hard & Soft Rubber (p. 64-65)



Moldon Rubber on Cast Iron (p. 66)

Polyurethane Tread on Aluminum Core (Towable/Ergonomic)

Pages: 67

Capacity:

100 lbs to 1,500 lbs each

For Caster Series: 4 and 6

Wheel Diameters: 4", 5", 6", and 8"

Tread Width: 2"



Moldon Polyurethane on Aluminum (p. 67)

Polyurethane Tread on Polyolefin Core

Pages: 68-71

Capacity:

100 lbs to 1,700 lbs each

For Caster Series: 1, 2, 3, 4, and 6

Wheel Diameters: 2-1/2", 3", 3-1/2", 4", 5", 6", 8", 10", and 12"

Tread Width: 7/8", 1-1/4", 1-1/2", 2", 2-1/2", and 3"



Moldon Polyurethane HI-TECH® (p. 68-71)

Polyurethane Tread on Iron Core

Page: 72

Capacity:

700 lbs to 1,500 lbs each

Caster Series: 4 and 6

Wheel Diameters: 4", 5", 6", and 8"

Tread Width: 2"



Moldon Polyurethane on Cast Iron (p. 71)

Solid Polyurethane

Page: 73

Capacity:

300 lbs to 1,500 lbs each

For Caster Series: 2, 4 & 6

Wheel Diameters: 3", 4", 5", 6", and 8"

Tread Width: 1-1/4", and 2"



K Solid Polyurethane (p. 71)



Endura® Solid Elastomer (p. 73)

Wheel Overview

HydroTech TPE

Pages: 74

Capacity:

600 lbs to 1000 lbs each

For Caster Series: 4 and 6

Wheel Diameters: 3", 5", 6" and 8"

Tread Width: 2"



HydroTech
(p. 74)

Nylon Wheels

Pages: 76

Capacity:

600 lbs to 2160 lbs each

For Caster Series: 4 and 6

Wheel Diameters: 3-1/4", 4", 5", 6", 8" and 10"

Tread Width: 1-1/2", and 2"



Maxim®
(p. 76)

High Temperature

Pages: 77

Capacity:

300 lbs to 1,100 lbs each

For Caster Series: 2, 3, 4 and 6

Wheel Diameters: 3", 3-1/2", 4", 5", and 6"

Tread Width: 1-1/4", 1-1/2", and 2"



Thermo® (p. 77)

Polyolefin

Pages: 78-79

Capacity:

75 lbs to 900 lbs each

For Caster Series: 1, 2, 3, 4 and 6

Wheel Diameters: 1-5/8", 2", 2-1/2", 3", 3-1/2", 4", 5", 6", and 8"

Tread Width: 7/8", 1-1/4", 1-1/2", and 2"



Polyolefin (p. 78-79)

Phenolic

Pages: 80-81

Capacity:

300 lbs to 1,400 lbs each

For Caster Series: 2, 3, 4, and 6

Wheel Diameters: 2-1/2", 3", 3-1/4", 4", 5", 6", 8", 10", and 12"

Tread Width: 1-7/16", 1-15/32", 1-1/2", and 2"



Phenolic (p. 80-81)

Metal Wheels

Pages: 82-84

Capacity:

200 lbs to 1,500 lbs each

For Caster Series: 2, 3, 4 and 6

Wheel Diameters: 2-1/2", 3", 3-1/2", 4", 5", 6", and 8"

Tread Width: 1-1/4", 1-1/2", and 2"



Cast Iron (p. 82-83)



V-Groove (p. 84)

Encore Hand Truck Wheels

Page: 85

Capacity:

280 lbs to 600 lbs each

Wheel Diameters: 8", and 10"

Tread Width: 1-1/2", and 2"



Encore (p. 85)

Understanding Bearing Options

Delrin® Bearing

Delrin, a DuPont engineered plastic, is extremely durable under a wide range of temperature and humidity conditions, and is corrosion resistant. Wheels with Delrin bearings are well suited for applications where brine conditions, steam cleaning, excessive water, or liquids are present. One piece or two piece Delrin bearing models are available (shown with spanner bushing). To order, see page 93.



Annular Ball Bearing

Annular ball bearings are precision type bearings with machined, hardened raceways. This bearing is for applications where maximum rolling ease and quiet operation are needed and best suited for light to medium duty loads. The bearing is pre-assembled, and the entire unit is mounted in the wheel.



Precision Sealed Ball Bearing (Prec. Ball)

Recommended for maximum rolling ease with no maintenance lubrication required, this quiet operating bearing is for medium duty to heavy duty loads. This bearing is available on all Endura Solid Elastomer and 2" tread width non conductive Performa Rubber wheels. Minimum order quantities apply to performa wheels. Now available for Performa hand truck wheels! To order, see page 93.



Pedestal Precision Ball Bearing (PPBB)

This bearing is perfect when excellent rolling ease and quiet operation are required for your application. There is no maintenance grease required. The integrated spanner bushing makes installation easy. Now available in stainless steel, too! To order, see page 93.



Plain & Sleeve Bearing

Plain and sleeve bearings provide a metal sleeve inserted in a wheel to rest directly on the axle. This option is only recommended when rolling ease is less critical. To order, see page 93.



Bronze Bearing

The bronze bearing is durable under a wide range of temperature and humidity conditions and is corrosion resistant. It is highly recommended for high heat (up to 350°F) or wet applications (shown with spanner bushing). To order, see page 93.



Roller Bearing

The roller bearing is capable of carrying a greater load than the same size diameter ball bearing. It has a split outer race shell into which the roller assembly is inserted. Standard Colson roller assembly features hardened steel rollers enclosed in a thermoplastic case on 1-1/2" and 2" tread width wheels. Metal cage roller bearings are available (Specify WB29) and are standard on wheels with tread widths of 2-1/2" and larger. Combination seal/thrust retainer washers protect the bearing from dirt, water, and chemicals. They also help absorb thrust friction (Note: roller bearing must be used with hardened spanner bushing or hardened shaft). To order, see page 93.



Torrington-Style Roller Bearing

Colson's Torrington-style caged drawn cup bearings have a steel cage that provides inward retention of the needle rollers. This design provides maximum cage strength consistent with long service life. This bearing is available on 2" tread width wheels only. (Note: Must be used with hardened spanner bushing or hardened shaft.) To order, see page 93.



Plastic & Metal Thread Guards

Designed to keep lint, thread and other soft materials out of bearings.

Certain industries and institutions find that excessive amounts of lint, thread and other soft materials have a tendency to work into caster wheel bearings. Wheel thread guards help overcome this problem. The thread guard does not revolve and thus forces thread to deposit away from the wheel bearing, not to mention it greatly improves the caster's appearance. Colson offers both plastic and metal thread guards. Plastic

thread guards are more flexible and will not rust or corrode making them ideal for wash down applications. Metal thread guards have a zinc plated finish on 1-3 Series wheels and a galvanized finish for 4-7 Series models to protect against corrosion. To order on a caster, specify "TG1" for metal and "TG2" for plastic thread guards. To check for availability on caster models consult factory (See page 98).



PERFORMA^{wheels}

OFTEN IMITATED, NEVER DUPLICATED.

TOUGH ENVIRONMENTS



IMPACT & SHOCK PROTECTION



REJECTS FLOOR DEBRIS



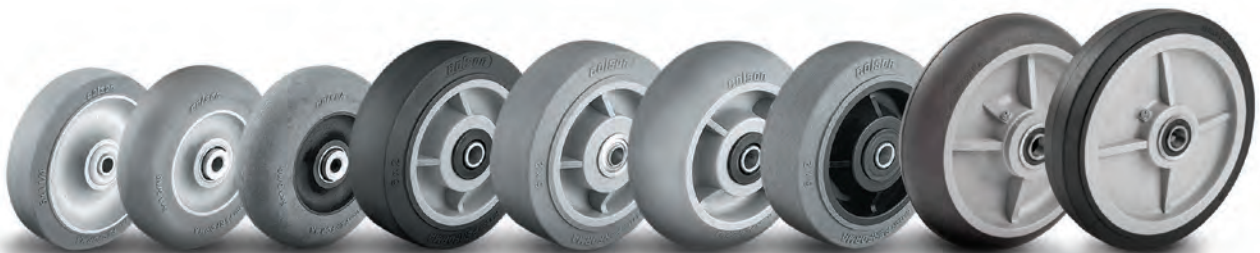
Performa Wheels are the market's most superior soft tread wheel. Competitors from around the world have attempted to copy this innovative and unique wheel since its release in 1993. Performa is the original, and it's **manufactured right here in the USA in more sizes and treads than ever before.**

WHY PERFORMA?

- **Easy rolling and turning— for ergonomic advantages**
- **Quiet rolling, impact resistant and very floor protective**
- **Absorbs shock to help protect equipment**
- **Maximum weather-ability and resistance to chemicals, water and steam**
- **USA-Made for fast lead times and the highest quality**
- **Rejects floor debris, such as metal shavings, for long service life**



The Performa wheels are in stock and ready to ship. Contact your Colson representative **for more information, quotes, samples, or to place your order today!**



Performa® Rubber Wheels



Flat Grey Tread

Capacity up to 325 lbs each



Performa wheels offer the advantages of both hard and soft tread materials in a single wheel. Like a hard tread wheel, Performa rolls easily and is very durable. Like a soft tread wheel, it rolls quietly, protects floors and resists impacts with a cushion ride. It also features maximum weatherability, low temperature flexibility, resistance to chemicals, water and steam, and rejects floor debris such as metal shavings. Non-marking thermoplastic elastomer tread is permanently bonded to durable polyolefin wheel core.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 65(±5) Durometer Shore A scale.

Colson Performa Rubber Wheels • Flat Grey Tread • Capacity up to 325 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal TG2: Plastic	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
1 5/8"	7/8"	60	Delrin	1.00001.441	5/16"	1/2"	1 1/32"	-	-	-	1/4
2"	7/8"	75	Delrin	1.00002.441	5/16"	1/2"	1 1/32"	-	-	-	1/4
2 1/2"	1 1/4"	140	Delrin	2.00002.441	1/2"	29/32"	17/16"	3/8"	1 1/2"	-	1/4
			Ball	2.00002.445	3/8"	-	1 1/2"	-	-	-	3/8
3"	7/8"	125	Delrin	1.00003.441	7/16"	39/64"	1 1/32"	5/16"	1 7/64"	TG1: 57852.03	1/4
			Delrin	2.00033.441	1/2"	29/32"	17/16"	3/8"	1 1/2"	-	1/2
	1 1/4"	200	Ball	2.00033.445	3/8"	-	1 1/2"	-	-	-	1/2
3 1/2"	1 1/4"	250	Delrin	2.00003.441	1/2"	29/32"	17/16"	3/8"	1 1/2"	TG1: 57854.01	3/8
			Ball	2.00003.445	3/8"	-	1 1/2"	-	-	TG2: 57852.39	1/2
4"	7/8"	135	Delrin	1.00004.441	7/16"	39/64"	1 1/32"	5/16"	1 7/64"	-	1/4
			Delrin	2.00004.441	1/2"	29/32"	17/16"	3/8"	1 1/2"	TG1: 57854.01	5/8
	1 1/4"	300	Ball	2.00004.445	3/8"	-	1 1/2"	-	-		3/4
5"	7/8"	145	Delrin	1.00005.441	7/16"	39/64"	1 1/32"	5/16"	1 7/64"	TG2: 57852.42	1/4
			Delrin	2.00005.441	1/2"	29/32"	17/16"	3/8"	1 1/2"	TG1: 57866.03	3/4
	1 1/4"	325	Ball	2.00005.445	3/8"	-	1 1/2"	-	-	TG2: 57852.43	7/8
6"	1 1/4"	325	Delrin	2.00006.441	1/2"	29/32"	17/16"	3/8"	1 1/2"	TG1: 57866.03	3/4
			Ball	2.00006.445	3/8"	-	1 1/2"	-	-	TG2: 57852.43	7/8

Precision Performa Flat

Capacity up to 325 lbs each



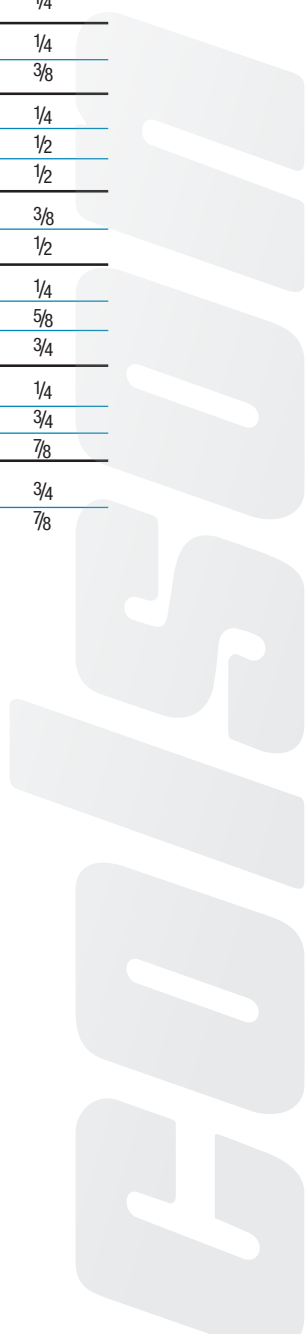
Precision Performa Flat are similar to Performa Rubber Flat treads shown above, but also feature precision ball bearings and partial thread guard.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 65(±5) Durometer Shore A scale.

Colson Precision Performa Rubber Wheels • Flat Grey Tread • Capacity up to 325 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
3"	1 1/4"	200	Precision Ball	2.00033.4P8	3/8"	-	1 1/2"	-	-	5/16
3 1/2"	1 1/4"	250	Precision Ball	2.00003.4P8	3/8"	-	1 1/2"	-	-	5/16
4"	1 1/4"	300	Precision Ball	2.00004.4P8	3/8"	-	1 1/2"	-	-	3/8
5"	1 1/4"	325	Precision Ball	2.00005.4P8	3/8"	-	1 1/2"	-	-	3/4





Flat Grey Tread

Capacity up to **675 lbs each**



Performa wheels offer the advantages of both hard and soft tread materials in a single wheel. Like a hard tread wheel, Performa rolls easily and is very durable. Like a soft tread wheel, it rolls quietly, protects floors and resists impacts with a cushion ride. It also features maximum weatherability, low temperature flexibility, resistance to chemicals, water and steam, and rejects floor debris such as metal shavings. Non-marking thermoplastic elastomer tread is permanently bonded to ribbed polyolefin wheel core.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 65(±5) Durometer Shore A scale.

Colson Performa Rubber Wheels • Flat Grey Tread • Capacity up to 675 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal TG2: Plastic	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
3"	1 1/2"	250	Delrin	3.00003.441	3/4"	13/16"	15/8"	3/8"	17/8"	-	3/4
			Roller	3.00003.449	3/4"	13/16"	15/8"	3/8"	17/8"	-	1
			Delrin	4.00003.441	3/4"	13/16"	15/8"	1/2"	27/16"	-	3/4
			Roller	4.00003.449	3/4"	13/16"	15/8"	1/2"	27/16"	-	1
4"	1 1/2"	325	Delrin	3.00004.441	3/4"	13/16"	15/8"	3/8"	17/8"	-	1
			Roller	3.00004.449	3/4"	13/16"	15/8"	3/8"	17/8"	-	1 1/4
			Delrin	4.00004.441	3/4"	13/16"	15/8"	1/2"	27/16"	-	1
			Roller	4.00004.449	3/4"	13/16"	15/8"	1/2"	27/16"	-	1 1/4
	2"	400	Delrin	5.00004.451	3/4"	13/16"	23/16"	1/2"	27/16"	-	1 1/4
			Roller	5.00004.459	3/4"	13/16"	23/16"	1/2"	27/16"	-	1 1/2
PPBB	5.00004.455	1/2"	13/16"	27/16"	-	-	-	-	1 1/2		
5"	1 1/2"	350	Delrin	3.00005.441	3/4"	13/16"	15/8"	3/8"	17/8"	-	1 1/4
			Roller	3.00005.449	3/4"	13/16"	15/8"	3/8"	17/8"	-	1 1/2
			Delrin	4.00005.441	3/4"	13/16"	15/8"	1/2"	27/16"	-	1 1/4
			Roller	4.00005.449	3/4"	13/16"	15/8"	1/2"	27/16"	-	1 1/2
	2"	500	PPBB	5.00005.455	1/2"	13/16"	27/16"	-	-	TG1: 57852.35	1 1/2
			Delrin	5.00005.451	3/4"	13/16"	23/16"	1/2"	27/16"	TG2: 57852.34	1 1/2
Roller	5.00005.459	3/4"	13/16"	23/16"	1/2"	27/16"	-	1 1/2			
6"	1 1/2"	375	Delrin	3.00006.441	3/4"	13/16"	15/8"	3/8"	17/8"	-	1 1/2
			Roller	3.00006.449	3/4"	13/16"	15/8"	3/8"	17/8"	-	1 3/4
			Delrin	4.00006.441	3/4"	13/16"	15/8"	1/2"	27/16"	-	1 1/2
			Roller	4.00006.449	3/4"	13/16"	15/8"	1/2"	27/16"	-	1 3/4
	2"	600	PPBB	5.00006.455	1/2"	13/16"	27/16"	-	-	TG1: 59042.07	1 3/4
			Delrin	5.00006.451	3/4"	13/16"	23/16"	1/2"	27/16"	TG2: 57852.29	1 3/4
Roller	5.00006.459	3/4"	13/16"	23/16"	1/2"	27/16"	-	1 3/4			
8"	1 1/2"	500	Delrin	4.00008.441	3/4"	13/16"	15/8"	1/2"	27/16"	-	2 1/4
			Roller	4.00008.449	3/4"	13/16"	15/8"	1/2"	27/16"	-	2 1/4
	2"	675	PPBB	5.00008.455	1/2"	13/16"	27/16"	-	-	TG1: 57852.04	2 1/2
			Delrin	5.00008.451	3/4"	13/16"	23/16"	1/2"	27/16"	TG2: 57852.30	2 1/2
			Roller	5.00008.459	3/4"	13/16"	23/16"	1/2"	27/16"	-	2 1/2

Wheel Options

- Delrin Bearing Less Bushing: Specify **"WB01B"**.
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**.
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**.
- Precision Sealed Ball Bearing (2" tread width): To order, change 8th and 9th digits in wheel model to **"P5"** (Example 5.00006.4P5). Minimum order quantities apply.
- Pedestal Precision Ball Bearing (PPBB): Available on 1 1/2" tread width wheels. To order change ninth digit in model number to **"5"** (Example: 3.00003.445). Also available in stainless steel (consult factory).
- Metal cage roller bearing: Specify **"WB29"**.
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**.
- Roller Bearing less Bushing: Specify **"WB09B"**.
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**.
- Roller bearing sintered iron step washers: Specify **"WSR2"**.
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**.
- Thread Guards: Specify **"TG1"** (metal), **"TG2"** (plastic).
- Custom colors to match your equipment (consult factory).

Wheel Selection



Round Grey Tread

Capacity up to **250 lbs each**



Performa wheels offer the advantages of both hard and soft tread materials in a single wheel. Like a hard tread wheel, Performa rolls easily and is very durable. Like a soft tread wheel, it rolls quietly, protects floors and resists impacts with a cushion ride. It also features maximum weatherability, low temperature flexibility, resistance to chemicals, water and steam, and rejects floor debris such as metal shavings. Thermoplastic elastomer tread is permanently bonded to ribbed polyolefin wheel core and is non-marking.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 65(±5) Durometer Shore A scale.

Colson Performa Rubber Wheels • Round Grey Tread • Capacity up to 250 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal TG2: Plastic	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
3 1/2"	1 5/16"	250	Delrin	2.00003.561	1/2"	29/32"	17/16"	3/8"	1 1/2"	—	1/2
			Ball	2.00003.565	3/8"	—	1 1/2"	—	—	—	5/8
5"	1 5/16"	325	Delrin	2.00005.561	1/2"	29/32"	17/16"	3/8"	1 1/2"	TG1: 57854.01	7/8
			Ball	2.00005.565	3/8"	—	1 1/2"	—	—	TG2: 57852.39	1

Wheel Options

- Delrin Bearing Less Bushing: Specify **"WB01B"**.
- Thread Guards: Specify **"TG1"** (metal), **"TG2"** (plastic).
- Custom colors to match your equipment (consult factory).

Crowned Grey Tread

Capacity up to **325 lbs each**



Performa crowned tread wheels come standard with thread guards and precision ball bearings. These wheels offer the advantages of both hard and soft tread materials in a single wheel. Like a hard tread wheel, Performa rolls easily and is very durable. Like a soft tread wheel, it rolls quietly, protects floors and resists impacts with a cushion ride. It also features maximum weatherability, low temperature flexibility, resistance to chemicals, water and steam, and rejects floor debris such as metal shavings. Thermoplastic elastomer tread is permanently bonded to ribbed polyolefin wheel core and is non-marking.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 65(±5) Durometer Shore A scale.

Colson Performa Crowned Rubber Wheels • Crowned Grey Tread • Capacity up to 325 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
3"	1 1/4"	200	Precision Ball	2.00033.5P8	3/8"	—	1 1/2"	—	—	5/16
3 1/2"	1 1/4"	250	Precision Ball	2.00003.5P8	3/8"	—	1 1/2"	—	—	5/16
4"	1 1/4"	300	Precision Ball	2.00004.5P8	3/8"	—	1 1/2"	—	—	3/8
5"	1 1/4"	325	Precision Ball	2.00005.5P8	3/8"	—	1 1/2"	—	—	3/4



Performa® Rubber Wheels



Flat Black Tread

Capacity up to 1700 lbs each



Performa wheels offer the advantages of both hard and soft tread materials in a single wheel. Like a hard tread wheel, Performa rolls easily and is very durable. Like a soft tread wheel, it rolls quietly, protects floors and resists impacts with a cushion ride. It also features maximum weatherability, low temperature flexibility, resistance to chemicals, water and steam, and rejects floor debris such as metal shavings. Non-marking thermoplastic elastomer tread is permanently bonded to ribbed polyolefin wheel core.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 65(±5) Durometer Shore A scale.

Colson Performa Rubber Wheels • Flat Black Tread • Capacity up to 1700 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal TG2: Plastic	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
4"	2"	400	PPBB	5.00004.455.2	1/2"	13/16"	27/16"	—	—	—	1 1/2
			Delrin	5.00004.451.2	3/4"	13/16"	23/16"	1/2"	27/16"	—	1 1/4
			Roller	5.00004.459.2	3/4"	13/16"	23/16"	1/2"	27/16"	—	1 1/2
5"	2"	500	PPBB	5.00005.455.2	1/2"	13/16"	27/16"	—	—	TG1: 57852.35 TG2: 57852.34	1 1/2
			Delrin	5.00005.451.2	3/4"	13/16"	23/16"	1/2"	27/16"		1 1/2
			Roller	5.00005.459.2	3/4"	13/16"	23/16"	1/2"	27/16"		1 1/2
6"	2"	600	PPBB	5.00006.455.2	1/2"	13/16"	27/16"	—	—	TG1: 59042.07 TG2: 57852.29	1 3/4
			Delrin	5.00006.451.2	3/4"	13/16"	23/16"	1/2"	27/16"		1 3/4
			Roller	5.00006.459.2	3/4"	13/16"	23/16"	1/2"	27/16"		1 3/4
8"	2"	675	PPBB	5.00008.455.2	1/2"	13/16"	27/16"	—	—	TG1: 57852.04 TG2: 57852.30	2 1/2
			Delrin	5.00008.451.2	3/4"	13/16"	23/16"	1/2"	27/16"		2 1/2
			Roller	5.00008.459.2	3/4"	13/16"	23/16"	1/2"	27/16"		2 1/2
10"	2 1/2"	1000	Delrin	7.00010.451.2	1"	115/16"	31/4"	3/4"	3 1/2"	—	6
			Roller	7.00010.459.2	1"	115/16"	31/4"	3/4"	3 1/2"	—	6 1/4
12"	3"	1700	Delrin	7.00012.451.2	1"	115/16"	31/4"	3/4"	3 1/2"	—	7
			Roller	7.00012.459.2	1"	115/16"	31/4"	3/4"	3 1/2"	—	7 1/2

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11".
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B".
- Precision Sealed Ball Bearing (2" tread width): To order, change 8th and 9th digits in wheel model to "P5" (Example 5.00006.4P5.2). Minimum order quantities apply.
- Pedestal Precision Ball Bearing (PPBB) also available in stainless steel (consult factory).
- Metal cage roller bearing: Specify "WB29".
- Torrington style with Hytrel retainer (2" tread width): Specify "WB19".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Roller bearing sintered iron step washers: Specify "WSR2".
- Roller bearing sealed metal retainer washer: Specify "WSR3".
- Thread Guards: Specify "TG1" (metal), "TG2" (plastic).
- Custom colors to match your equipment (consult factory).



Round Grey Tread

Capacity up to **600 lbs** each



Performa wheels offer the advantages of both hard and soft tread materials in a single wheel. Like a hard tread wheel, Performa rolls easily and is very durable. Like a soft tread wheel, it rolls quietly, protects floors and resists impacts with a cushion ride. It also features maximum weatherability, low temperature flexibility, resistance to chemicals, water and steam, and rejects floor debris such as metal shavings. Thermoplastic elastomer tread is permanently bonded to ribbed polyolefin wheel core and is non-marking.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 65(±5) Durometer Shore A scale.

Colson Performa Rubber Wheels • Round Grey Tread • Capacity up to 600 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal TG2: Plastic	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
4"	2"	400	PPBB	5.00004.555	1/2"	1 3/16"	27/16"	—	—	—	1 3/4
			Delrin	5.00004.551	3/4"	1 3/16"	23/16"	1/2"	27/16"		1 3/4
			Roller	5.00004.559	3/4"	1 3/16"	23/16"	1/2"	27/16"		1 3/4
5"	2"	425	PPBB	5.00005.555	1/2"	1 3/16"	27/16"	—	—	TG1: 57852.35 TG2: 57852.34	17/8
			Delrin	5.00005.551	3/4"	1 3/16"	23/16"	1/2"	27/16"		17/8
			Roller	5.00005.559	3/4"	1 3/16"	23/16"	1/2"	27/16"		17/8
6"	2"	450	PPBB	5.00006.555	1/2"	1 3/16"	27/16"	—	—	TG1: 59042.07 TG2: 57852.29	2
			Delrin	5.00006.551	3/4"	1 3/16"	23/16"	1/2"	27/16"		2
			Roller	5.00006.559	3/4"	1 3/16"	23/16"	1/2"	27/16"		2
8"	2"	600	PPBB	5.00008.555	1/2"	1 3/16"	27/16"	—	—	TG1: 57852.04 TG2: 57852.30	2 1/4
			Delrin	5.00008.551	3/4"	1 3/16"	23/16"	1/2"	27/16"		2 1/4
			Roller	5.00008.559	3/4"	1 3/16"	23/16"	1/2"	27/16"		2 1/4

Wheel Options

- Delrin Bearing Less Bushing: Specify **"WB01B"**.
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**.
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**.
- Precision Sealed Ball Bearing: To order, change 8th and 9th digits in wheel model to **"P5"** (Example 5.00006.4**P5**). Minimum order quantities apply.
- Pedestal Precision Ball Bearing (PPBB) also available in stainless steel (consult factory).
- Metal cage roller bearing: Specify **"WB29"**.
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**.
- Roller Bearing less Bushing: Specify **"WB09B"**.
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**.
- Roller bearing sintered iron step washers: Specify **"WSR2"**.
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**.
- Thread Guards: Specify **"TG1"** (metal), **"TG2"** (plastic).
- Custom colors to match your equipment (consult factory).



Conductive Flat Grey Tread

Capacity up to 250 lbs each



Many computer manufacturers and electronics companies require conductive wheels on assembly carts to eliminate static build-up and discharge. Although conductive caster wheels have existed for years, almost all of them mark floors. Colson has solved this problem with our selection of Performa Conductive Wheels. These models combine a soft cushion ride with a non-marking tread design. All wheels feature a cushion grey Performa tread bonded to a black Polyolefin wheel core. Performa Conductive wheels have been rigorously tested and approved by an independent lab and meet the requirements of federal specification FF-C-88C. This specification requires an average electrical resistance of less than 250,000 ohms. For other wheel sizes, please consult factory for availability.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 75(±5) Durometer Shore A scale.

Colson Performa Conductive Rubber Wheels • Flat Grey Tread • Capacity up to 250 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
2½"	1¼"	125	Ball	2.00002.445 COND	3/8"	—	1½"	—	—	3/8
3"	1¼"	200	Ball	2.00033.445 COND	3/8"	—	1½"	—	—	½
3½"	1¼"	200	Ball	2.00003.445 COND	3/8"	—	1½"	—	—	½
4"	1¼"	250	Ball	2.00004.445 COND	3/8"	—	1½"	—	—	¾
5"	1¼"	325	Ball	2.00005.445 COND	3/8"	—	1½"	—	—	7/8
6"	1¼"	350	Ball	2.00006.445 COND	3/8"	—	1½"	—	—	1

Note: Extended delivery item. Consult Factory.

Conductive Round Grey Tread

Capacity up to 250 lbs each



Colson Performa Conductive Rubber Wheels • Round Grey Tread • Capacity up to 250 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
3½"	1⅝"	250	Ball	2.00003.565 COND	3/8"	—	1½"	—	—	5/8
5"	1⅝"	325	Ball	2.00005.565 COND	3/8"	—	1½"	—	—	1

Note: Extended delivery item. Consult Factory.

IMPORTANT NOTICE

As oil is injurious to compounds and impairs the electrical conductivity of these products, contact with oil should be avoided. Conductive characteristics of the tread compounds may decrease with, among other things, service and contact with lubricants, waxes, polishes and cleaning materials used for floor maintenance. Since Colson has no control over these conditions, no warranties, express or implied, of either merchantability, fitness or otherwise respect to the continuing level of conductivity of the product, are made.



Performa® Rubber Conductive Wheels



Conductive Flat Grey Tread

Capacity up to 500 lbs each



Many computer manufacturers and electronics companies require conductive wheels on assembly carts to eliminate static build-up and discharge. Although conductive caster wheels have existed for years, almost all of them mark floors. Colson has solved this problem with our selection of Performa Conductive Wheels. These models combine a soft cushion ride with a non-marking tread design. All wheels feature a cushion grey Performa tread bonded to a black Polyolefin wheel core. Performa Conductive wheels have been rigorously tested and approved by an independent lab and meet the requirements of federal specification FF-C-88C. This specification requires an average electrical resistance of less than 250,000 ohms. For other wheel sizes, please consult factory for availability.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 75(±5) Durometer Shore A scale.

Colson Performa Conductive Rubber Wheels • Flat Grey Tread • Capacity up to 500 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
3"	1 1/2"	225	Roller	4.00003.449 COND	3/4"	13/16"	15/8"	1/2"	27/16"	1
4"	1 1/2"	255	Roller	3.00004.449 COND	3/4"	13/16"	15/8"	3/8"	17/8"	1 1/4
			Roller	4.00004.449 COND	3/4"	13/16"	15/8"	1/2"	27/16"	1 1/4
	2"	300	PPBB	5.00004.455 COND	1/2"	13/16"	27/16"	—	—	1 1/2
			Roller	5.00004.459 COND	3/4"	13/16"	23/16"	1/2"	27/16"	1 1/2
5"	1 1/2"	280	Roller	3.00005.449 COND	3/4"	13/16"	15/8"	3/8"	17/8"	1 1/4
			Roller	4.00005.449 COND	3/4"	13/16"	15/8"	1/2"	27/16"	1 1/4
	2"	325	PPBB	5.00005.455 COND	1/2"	13/16"	27/16"	—	—	1 1/2
			Roller	5.00005.459 COND	3/4"	13/16"	23/16"	1/2"	27/16"	1 1/2
6"	1 1/2"	300	Roller	3.00006.449 COND	3/4"	13/16"	15/8"	3/8"	17/8"	1 3/4
			Roller	4.00006.449 COND	3/4"	13/16"	15/8"	1/2"	27/16"	1 3/4
	2"	410	PPBB	5.00006.455 COND	1/2"	13/16"	27/16"	—	—	1 3/4
			Roller	5.00006.459 COND	3/4"	13/16"	23/16"	1/2"	27/16"	1 3/4
8"	1 1/2"	350	Roller	4.00008.449 COND	3/4"	13/16"	15/8"	1/2"	27/16"	2 1/4
			PPBB	5.00008.455 COND	1/2"	13/16"	27/16"	—	—	2 1/4
	2"	500	Roller	5.00008.459 COND	3/4"	13/16"	23/16"	1/2"	27/16"	2 1/2

Note: Extended delivery item. Consult Factory.

Wheel Options

- Pedestal Precision Ball Bearing (PPBB) also available in stainless steel (consult factory).

Conductive Round Grey Tread

Capacity up to 500 lbs each



Wheel Options

- Pedestal Precision Ball Bearing (PPBB) also available in stainless steel (consult factory).

Note: Extended delivery item. Consult Factory.

Colson Performa Conductive Rubber Wheels • Round Grey Tread • Capacity up to 500 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
6"	2"	410	PPBB	5.00006.555 COND	1/2"	13/16"	27/16"	—	—	15/8
			Roller	5.00006.559 COND	3/4"	13/16"	23/16"	1/2"	27/16"	15/8
8"	2"	500	PPBB	5.00008.555 COND	1/2"	13/16"	27/16"	—	—	2 1/4
			Roller	5.00008.559 COND	3/4"	13/16"	23/16"	1/2"	27/16"	2 1/2

IMPORTANT NOTICE

As oil is injurious to compounds and impairs the electrical conductivity of these products, contact with oil should be avoided. Conductive characteristics of the tread compounds may decrease with, among other things, service and contact with lubricants, waxes, polishes and cleaning materials used for floor maintenance. Since Colson has no control over these conditions, no warranties, express or implied, of either merchantability, fitness or otherwise respect to the continuing level of conductivity of the product, are made.



Flat Tread

Capacity up to 350 lbs each



Center Hub Design. This black tread wheel is a light weight, high performance hand truck wheel that rolls longer, quieter and smoother without marking floors. The exclusive wheel design features a zerk fitting for the wheel bearing and provides maximum rolling ease for greater maneuverability on the job. The exclusive wheel tread material won't pick up gravel or floor debris, and this wheel performs better than a pneumatic tire...yet never goes flat! Like all of our Performa models, the wheel provides maximum shock absorption for a cushioned ride and will not flatspot... even under load. The materials give superior weather resistance and lower temperature flexibility, as well as a high resistance to chemicals, acids, water and steam.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 55(±5) Durometer Shore A scale.

Colson Performa Hand Truck Wheels • Flat Tread • Capacity up to 350 lbs each

Black Tread Models			Bearing	Wheel Model Number	Specify Bore Code	Wheel		Hub		Weight (Pounds)
Wheel Dia.	Tread Width	Capacity Each (Pounds)				Bearing Bore	Bore Less Bearing	Length Less Bearing	Length With Bearing	
8"	1 1/2"	350	None	4.00008.486.2	None	N/A	1 3/8"	1 5/8"	1 7/8"	2 1/4
			Prec. Ball	4.00008.485.2	WB625	5/8"	1 3/8"	1 5/8"	1 7/8"	2 1/4
			Prec. Ball	4.00008.485.2	WB750	3/4"	1 3/8"	1 5/8"	1 7/8"	2 1/4

Round Tread

Capacity up to 500 lbs each



Offset hub design. This black or grey tread wheel is a light weight, high performance hand truck wheel that rolls longer, quieter and smoother without marking floors. The exclusive wheel design features a zerk fitting for the wheel bearing and provides maximum rolling ease for greater maneuverability on the job. The exclusive wheel tread material won't pick up gravel or floor debris, and this wheel performs better than a pneumatic tire...yet never goes flat! Like all of our Performa models, the wheel provides maximum shock absorption for a cushioned ride and will not flatspot... even under load. The materials give superior weather resistance and lower temperature flexibility, as well as a high resistance to chemicals, acids, water and steam.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 55(±5) Durometer Shore A scale.

Colson Performa Hand Truck Wheels • Round Tread • Capacity up to 500 lbs each

Black Tread Models			Bearing	Wheel Model Number	Specify Bore Code	Wheel		Hub		Weight (Pounds)
Wheel Dia.	Tread Width	Capacity Each (Pounds)				Bearing Bore	Bore Less Bearing	Length Less Bearing	Length With Bearing	
8"	2"	500	Prec. Ball	5.00008.585.2	WB625	5/8"	1 3/8"	1 3/4"	2"	2 1/4
			Prec. Ball	5.00008.585.2	WB750	3/4"	1 3/8"	1 3/4"	2"	2 1/4
			None	5.00008.596.2	None	N/A	1 3/8"	2"	2 1/4"	2 1/4
			Prec. Ball	5.00008.595.2	WB625	5/8"	1 3/8"	2"	2 1/4"	2 1/4
			Prec. Ball	5.00008.595.2	WB750	3/4"	1 3/8"	2"	2 1/4"	2 1/4

Grey Tread Models

8"	2"	500	None	5.00008.586	None	N/A	1 3/8"	1 3/4"	N/A	2 1/4
			Prec. Ball	5.00008.585	WB625	5/8"	1 3/8"	1 3/4"	2"	2 1/4
			Prec. Ball	5.00008.585	WB750	3/4"	1 3/8"	1 3/4"	2"	2 1/4
			None	5.00008.596	None	N/A	1 3/8"	2"	2 1/4"	2 1/4
			Prec. Ball	5.00008.595	WB625	5/8"	1 3/8"	2"	2 1/4"	2 1/4
			Prec. Ball	5.00008.595	WB750	3/4"	1 3/8"	2"	2 1/4"	2 1/4

Cushion & Hard Rubber Wheels

Capacity up to 100 lbs each



Conventional-style rubber wheels. Provides good floor protection and quiet operation.

Temperature range: -20°F to +160°F.

Hardness: Soft Tread 70 (±5) Durometer Shore A scale, Hard Tread 75 (±5) Durometer Shore D scale.

Colson Cushion & Hard Rubber Wheels • Capacity up to 100 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
2"	7/8"	75	Ball	Soft Tread 1.00002.45	5/16"	–	13/32"	–	–	1/8
		100	Ball	Hard Tread 1.00002.55	5/16"	–	13/32"	–	–	3/16

Wheel Selection

NEW 2 SERIES WHEELS



Precision Performa Flat

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Crowned Grey Tread

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Soft and Hard Rubber

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Precision Polyurethane HI-TECH Grey

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Polyurethane HI-TECH Grey

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Soft and Hard Rubber Wheels

Soft / Hard Rubber Capacity up to 175 lbs each



Protect floors and quiet operation with rubber wheels. Soft rubber is molded to harder rubber core.

Temperature range: -40°F to +180°F intermittent service (120°F continuous service).

Soft Rubber Hardness: 80(±5) Durometer Shore A scale.

Hard Rubber Hardness: 75(±5) Durometer Shore D scale..

Soft Rubber Wheels • BlackTread • Capacity up to 175 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
3"	1 1/4"	150	Plain	2.00033.RR2	1/2"	–	1 3/8"	–	–	1/2
3 1/2"	1 1/4"	150	Plain	2.00003.RR2	1/2"	–	1 3/8"	–	–	1/2
4"	1 1/4"	150	Plain	2.00004.RR2	1/2"	–	1 3/8"	–	–	3/4
5"	1 1/4"	175	Plain	2.00005.RR2	1/2"	–	1 3/8"	–	–	7/8

Hard Rubber Wheels • BlackTread • Capacity up to 350 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
3"	1 1/4"	350	Plain	2.00033.RN2	1/2"	–	1 3/8"	–	–	1/2
3 1/2"	1 1/4"	350	Plain	2.00003.RN2	1/2"	–	1 3/8"	–	–	1/2
4"	1 1/4"	350	Plain	2.00004.RN2	1/2"	–	1 3/8"	–	–	3/4
5"	1 1/4"	350	Plain	2.00005.RN2	1/2"	–	1 3/8"	–	–	7/8

Moldon Rubber Cast Iron Wheels

Capacity up to 500 lbs each



Moldon rubber is bonded to a cast iron core. These wheels are quiet in operation and absorb shock and vibration. They help prolong equipment life and protect cargo.

Temperature Range: -45°F to +160°F.

Hardness: 70(±5) Durometer Shore A scale.

Zerk Fitting: Zerk grease fitting in hub is standard on wheel model numbers beginning with "7".

Finish: Black painted cast iron wheel core.

Colson Moldon Rubber Cast Iron Wheels • Capacity up to 500 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
4"	2"	400	Delrin	5.00004.641.7	3/4"	13/16"	23/16"	1/2"	27/16"	43/8
			Roller	5.00004.649.7	3/4"	13/16"	23/16"	1/2"	27/16"	43/8
5"	2"	400	Delrin	5.00005.641.7	3/4"	13/16"	23/16"	1/2"	27/16"	5
			Roller	5.00005.649.7	3/4"	13/16"	23/16"	1/2"	27/16"	5
6"	2"	450	Delrin	5.00006.641.7	3/4"	13/16"	23/16"	1/2"	27/16"	55/8
			Roller	5.00006.649.7	3/4"	13/16"	23/16"	1/2"	27/16"	55/8
8"	2"	500	Delrin	5.00008.641.7	3/4"	13/16"	23/16"	1/2"	27/16"	9 1/4
			Roller	5.00008.649.7	3/4"	13/16"	23/16"	1/2"	27/16"	9 1/4

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11".
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B".
- Metal cage roller bearing: Specify "WB29".
- Torrington style with Hytrel retainer (2" tread width): Specify "WB19".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Roller bearing sintered iron step washers: Specify "WSR2".
- Roller bearing sealed metal retainer washer: Specify "WSR3".
- Pedestal Precision Ball Bearing (PPBB): Available on 2" tread width wheels. To order change ninth digit in model number to "5" (Example: 5.00006.645.7). Also available in stainless steel, consult factory.



Wheel Selection

Moldon Polyurethane Aluminum Core Wheels

Capacity up to 1500 lbs each



Light-weight and ultra-durable, this wheel has a very high strength-to-weight ratio and is capable of long service under heavy loads. Maroon color polyurethane is permanently bonded to the aluminum core.

Temperature range: -45°F to +180°F.

Hardness: 95(±5) Durometer Shore A scale.

Finish: Aluminum.

Colson Moldon Polyurethane Aluminum Core Wheels • Capacity up to 1500 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
4"	2"	700	Delrin	5.00004.931	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	–	2 3/8
			Roller	5.00004.939	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	–	2 3/8
5"	2"	1000	Delrin	5.00005.931	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57866.01	2 3/8
			Roller	5.00005.939	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"		2 3/8
6"	2"	1200	Delrin	5.00006.931	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 52001.86	2 5/8
			Roller	5.00006.939	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"		2 5/8
8"	2"	1500	Delrin	5.00008.931	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.20	4 1/4
			Roller	5.00008.939	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"		4 1/4

Wheel Options

- Delrin Bearing Less Bushing: Specify **"WB01B"**.
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**.
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**.
- Metal cage roller bearing: Specify **"WB29"**.
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**.
- Roller Bearing less Bushing: Specify **"WB09B"**.
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**.
- Roller bearing sintered iron step washers: Specify **"WSR2"**.
- Roller bearing sealed metal retainer washer (except 8 Series): Specify **"WSR3"**.
- Thread Guards: Specify **"TG1"** (metal).
- Pedestal Precision Ball Bearing (PPBB): To order change ninth digit in model number to **"5"** (Example: 5.00006.935). Also available in stainless steel, consult factory.

Moldon Polyurethane HI-TECH® Wheels



Capacity up to 300 lbs each



Polyurethane tread is bonded to a polyolefin core. Tread is molded in, around and through a ribbed extension of the core to prevent debonding. Standard colors are maroon tread on grey core. This is a very attractive, all purpose wheel. Resistant to most chemicals, solvents, water and acids.



Wheel Core

Temperature range: -45°F to +180°F.

Hardness: 45(±5) Durometer Shore D scale.

Colson Moldon Polyurethane HI-TECH Maroon Wheels • Capacity up to 350 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
2 1/2"	1 1/4"	250	Delrin	2.00002.91	1/2"	29/32"	17/16"	3/8"	1 1/2"	TG1: 57852	1/4
			Ball	2.00002.95	3/8"	-	1 1/2"	-	-		1/4
3"	7/8"	100	Delrin	1.00003.91	7/16"	5/8"	1 1/32"	5/16"	17/64"	TG1: 57852.03	1/3
	1 1/4"	300	Plain	2.00003.92	-	1 1/2"	17/16"	3/8"	1 1/2"	-	3/8
3 1/2"	1 1/4"	350	Delrin	2.00033.91	1/2"	29/32"	17/16"	3/8"	1 1/2"	TG1: 57854.01	3/8
			Ball	2.00033.95	3/8"	-	1 1/2"	-	-		3/8
4"	7/8"	125	Delrin	1.00004.91	7/16"	5/8"	1 1/32"	5/16"	17/64"	-	1/2
		350	Delrin	2.00004.91	1/2"	29/32"	17/16"	3/8"	1 1/2"	TG1: 57854.01	1/2
	Ball		2.00004.95	3/8"	-	1 1/2"	-	-	1/2		
5"	7/8"	140	Delrin	1.00005.91	7/16"	5/8"	1 1/32"	5/16"	17/64"	-	1/2
			350	Delrin	2.00005.91	1/2"	29/32"	17/16"	3/8"	1 1/2"	TG1: 57866.03
	Ball	2.00005.95		3/8"	-	1 1/2"	-	-	TG2: 57852.43	3/4	
6"	1 1/4"	350	Delrin	2.00006.91	7/16"	5/8"	1 1/32"	5/16"	17/64"	-	3/8
			Ball	2.00006.95	3/8"	-	1 1/2"	-	-		3/8



Colson Moldon Polyurethane HI-TECH Grey Wheels • Capacity up to 350 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
2 1/2"	1 1/4"	250	Delrin	2.00002.91G	1/2"	29/32"	17/16"	3/8"	1 1/2"	TG1: 57852	1/4
			Ball	2.00002.95G	3/8"	-	1 1/2"	-	-		1/4
3"	1 1/4"	300	Delrin	2.00003.91G	1/2"	29/32"	17/16"	3/8"	1 1/2"	-	3/8
			Ball	2.00003.95G	3/8"	-	1 1/2"	-	-	-	3/8
3 1/2"	1 1/4"	350	Delrin	2.00033.91G	1/2"	29/32"	17/16"	3/8"	1 1/2"	TG1: 57854.01	3/8
			Ball	2.00033.95G	3/8"	-	1 1/2"	-	-		3/8
4"	1 1/4"	350	Delrin	2.00004.91G	1/2"	29/32"	17/16"	3/8"	1 1/2"	TG1: 57854.01	1/2
			Ball	2.00004.95G	3/8"	-	1 1/2"	-	-		1/2
5"	1 1/4"	350	Delrin	2.00005.91G	1/2"	29/32"	17/16"	3/8"	1 1/2"	TG1: 57866.03	3/4
			Ball	2.00005.95G	3/8"	-	1 1/2"	-	-	TG2: 57852.43	3/4
6"	1 1/4"	350	Delrin	2.00005.91G	1/2"	29/32"	17/16"	3/8"	1 1/2"	-	3/4
			Ball	2.00005.95G	3/8"	-	1 1/2"	-	-	-	3/4

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- Custom colors to match your equipment (consult factory).
- Thread Guards: Specify "TG1" (metal), "TG2" (plastic).

Moldon Polyurethane HI-TECH® Wheels (2" width)



Capacity up to 1200 lbs each



Redesigned Polyurethane HI-TECH wheels have increased load capacity!



Industrial strength polyurethane tread is molded to a interlocking "ridged" polyolefin core. This design adds strength for loads subjected to shock and hard impacts. Tread is molded in, around and through a ribbed extension of the core to prevent debonding. Standard colors are maroon tread on grey core.

Not recommended for conditions of continuous operation such as tow-line, etc.

Temperature Range: -45°F to +180°F.

Hardness: 55(±5) Durometer Shore D scale.



Wheel Core



Wheel Selection

Maroon Colson Moldon Polyurethane HI-TECH Wheels • Capacity up to 1200 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
4"	2"	720	Delrin Roller PPBB*	5.00004.921	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	-	1 1/4
				5.00004.929	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"		1 1/2
				5.00004.925	1/2"	1 3/16"	2 7/16"	-	-		1 1/2
5"	2"	900	Delrin Roller PPBB*	5.00005.921	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.35 TG2: 57852.34	1 1/4
				5.00005.929	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"		1 1/2
				5.00005.925	1/2"	1 3/16"	2 7/16"	-	-		1 1/2
6"	2"	1100	Delrin Roller PPBB*	5.00006.921	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 59042.07 TG2: 57852.29	1 5/8
				5.00006.929	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"		1 7/8
				5.00006.925	1/2"	1 3/16"	2 7/16"	-	-		1 7/8
8"	2"	1200	Delrin Roller PPBB*	5.00008.921	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.04 TG1: 57852.30	2 1/2
				5.00008.929	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"		2 3/4
				5.00008.925	1/2"	1 3/16"	2 7/16"	-	-		2 3/4

*Pedestal Precision Ball Bearing spanner bushings included. Part number is 56525.02.

Moldon Polyurethane HI-TECH Antimicrobial Grey



New Polyurethane HI-TECH Grey models feature anti-microbial material!



Similar to HI-TECH wheels above, but with the additional benefit of using anti-microbial material for food service and medical applications.



Moldon Polyurethane HI-TECH Grey Anti-Microbial Wheels • Capacity up to 1200 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
4"	2"	720	Delrin Roller PPBB*	5.00004.921G	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	-	1 1/4
				5.00004.929G	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"		1 1/2
				5.00004.925G	1/2"	1 3/16"	2 7/16"	-	-		1 1/2
5"	2"	900	Delrin Roller PPBB*	5.00005.921G	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.35 TG2: 57852.34	1 1/4
				5.00005.929G	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"		1 1/2
				5.00005.925G	1/2"	1 3/16"	2 7/16"	-	-		1 1/2
6"	2"	1100	Delrin Roller PPBB*	5.00006.921G	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 59042.07 TG2: 57852.29	1 5/8
				5.00006.929G	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"		1 7/8
				5.00006.925G	1/2"	1 3/16"	2 7/16"	-	-		1 7/8
8"	2"	1200	Delrin Roller PPBB*	5.00008.921G	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.04 TG1: 57852.30	2 1/2
				5.00008.929G	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"		2 3/4
				5.00008.925G	1/2"	1 3/16"	2 7/16"	-	-		2 3/4

*Pedestal Precision Ball Bearing spanner bushings included. Part number is 56525.02. Sealed version available, see note below.

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- Metal cage roller bearing: Specify "WB29".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Custom colors to match your equipment (consult factory).
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11".
- Torrington style with Hytrel retainer (2" tread width): Specify "WB19".
- Roller bearing sintered iron step washers: Specify "WSR2".
- Pedestal Precision Ball Bearing (PPBB): Also available in stainless steel, consult factory.
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing sealed metal retainer washer: Specify "WSR3".
- Thread Guards: Specify "TG1" (metal).
- Sealed Precision Ball Bearing: Specify "P5". Minimum order quantities apply.

Polyurethane HI-TECH® Wheels (1-1/2", 2-1/2" & 3" widths)



Capacity up to 1700 lbs each



Industrial strength polyurethane tread is bonded to a "ribbed" polyolefin core. This design adds strength for loads subjected to shock and hard impacts. Tread is molded in, around and through a ribbed extension of the core to prevent debonding. Standard colors are maroon tread on grey core. **Not recommended for conditions of continuous operation such as tow-line, etc.**



Wheel Core

Temperature Range: -45°F to +180°F.

Hardness: 55(±5) Durometer Shore D scale.

Colson Moldon Polyurethane HI-TECH Wheels • Capacity up to 1700 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	Thread Guard TG1: Metal	Weight (Pounds)
3"	1 1/2"	300	Delrin	3.00003.901	3/4"	13/16"	15/8"	3/8"	17/8"	-	3/4
			Roller	3.00003.909	3/4"	13/16"	15/8"	3/8"	17/8"	-	1
			Delrin	4.00003.911	3/4"	13/16"	15/8"	1/2"	27/16"	-	3/4
			Roller	4.00003.919	3/4"	13/16"	15/8"	1/2"	27/16"	-	1
4"	1 1/2"	400	Delrin	3.00004.901	3/4"	13/16"	15/8"	3/8"	17/8"	-	1
			Roller	3.00004.909	3/4"	13/16"	15/8"	3/8"	17/8"	-	1 1/4
			Delrin	4.00004.911	3/4"	13/16"	15/8"	1/2"	27/16"	TG1: 57852.23	1
			Roller	4.00004.919	3/4"	13/16"	15/8"	1/2"	27/16"		1 1/4
5"	1 1/2"	500	Delrin	3.00005.901	3/4"	13/16"	15/8"	3/8"	17/8"	TG1: 57852.10	1 1/4
			Roller	3.00005.909	3/4"	13/16"	15/8"	3/8"	17/8"		1 1/2
			Delrin	4.00005.911	3/4"	13/16"	15/8"	1/2"	27/16"	TG1: 57852.11	1 1/4
			Roller	4.00005.919	3/4"	13/16"	15/8"	1/2"	27/16"		1 1/2
6"	1 1/2"	600	Delrin	3.00006.901	3/4"	13/16"	15/8"	3/8"	17/8"	TG1: 57852.08	1 1/2
			Roller	3.00006.909	3/4"	13/16"	15/8"	3/8"	17/8"		1 3/4
			Delrin	4.00006.911	3/4"	13/16"	15/8"	1/2"	27/16"	TG1: 52001.86	1 1/2
			Roller	4.00006.919	3/4"	13/16"	15/8"	1/2"	27/16"		1 3/4
8"	1 1/2"	800	Delrin	4.00008.911	3/4"	13/16"	15/8"	1/2"	27/16"	TG1: 57852.05	2 1/4
			Roller	4.00008.919	3/4"	13/16"	15/8"	1/2"	27/16"		2 1/2
10"	2 1/2"	1200	Delrin	7.00010.951	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	-	6
			Roller	7.00010.959	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	-	6 1/4
12"	3"	1700	Delrin	7.00012.981	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	-	7
			Roller	7.00012.989	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	-	7 1/2

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11".
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B".
- Metal cage roller bearing: Specify "WB29".
- Torrington style with Hytrel retainer (2" tread width): Specify "WB19".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Roller bearing sintered iron step washers: Specify "WSR2".
- Roller bearing sealed metal retainer washer: Specify "WSR3".
- Thread Guards: Specify "TG1" (metal).
- Custom colors to match your equipment (consult factory).
- Pedestal Precision Ball Bearing (PPBB): Available on 1 1/2" and 2" tread width models. To order change ninth digit in model number to "5" (Example: 5.00006.925). Also available in stainless steel, consult factory.

Precision Polyurethane HI-TECH Wheels (Grey)



Capacity up to 300 lbs each



Polyurethane tread is bonded to a polyolefin core. Wheels come standard ball bearings and thread guards. This is a very attractive, all purpose wheel. Resistant to most chemicals, solvents, water and acids.

Temperature range: -45°F to +180°F.

Hardness: 45(±5) Durometer Shore D scale.

Precision Polyurethane HI-TECH Grey Wheels • Grey Tread • Capacity up to 350 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
3"	1 1/4"	300	Precision Ball	2.00033.9P8	3/8"	–	1 1/2"	–	–	5/16
3 1/2"	1 1/4"	350	Precision Ball	2.000039P8	3/8"	–	1 1/2"	–	–	5/16
4"	1 1/4"	350	Precision Ball	2.000049P8	3/8"	–	1 1/2"	–	–	3/8
5"	1 1/4"	350	Precision Ball	2.000059P8	3/8"	–	1 1/2"	–	–	3/4

K-Wheel Solid Polyurethane

Capacity up to 1500 lbs each



Crafted from a durable urethane compound known for its robustness, this solid wheel guarantees complete eradication of tread separation or debonding issues. Solid polyurethane wheels offer a smooth ride, are non-marking, and provide excellent floor protection. Moreover, they remain unaffected by grease, oils, most chemicals, and cleaning solutions, making them suitable for diverse applications. Additionally, they are 100% washable and steam cleanable, enhancing their maintenance convenience.

Temperature range: -50°F to +180°F.

Hardness: 55(±5) Durometer Shore D scale.

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
3"	1 1/4"	300	Plain	2.00033.KK2	7/16"	5/8"	1 1/32"	3/8"	1 1/2"	3/8
4"	1 1/4"	350	Plain	2.00004.KK2	7/16"	5/8"	1 1/32"	3/8"	1 1/2"	1/2
	2"	700	Precision Ball	5.00004.935 KW	1/2"	1 3/16"	2 3/16"	–	–	1 3/8
	2"	700	Delrin	5.00004.931 KW	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	1 3/8
	2"	700	Roller	5.00004.939 KW	3/4"	–	2 3/16"	1/2"	2 7/16"	1 3/8
5"	1 1/4"	350	Plain	5.00005.KK2	7/16"	5/8"	1 1/32"	3/8"	1 1/2"	3/4
	2"	1000	Precision Ball	5.00005.935 KW	1/2"	1 3/16"	2 3/16"	–	–	1 3/4
	2"	1000	Delrin	5.00005.931 KW	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	1 3/4
	2"	1000	Roller	5.00005.939 KW	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	1 3/4
6"	2"	1200	Precision Ball	5.00006.935 KW	1/2"	1 3/16"	2 3/16"	–	–	2
	2"	1200	Delrin	5.00006.931 KW	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	2
	2"	1200	Roller	5.00006.939 KW	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	2
8"	2"	1500	Precision Ball	5.00006.935 KW	1/2"	1 3/16"	2 3/16"	–	–	3 1/4
	2"	1500	Delrin	5.00006.931 KW	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	3 1/4
	2"	1500	Roller	5.00006.939 KW	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	3 1/4

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- Metal cage roller bearing: Specify "WB29".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Roller bearing sintered iron step washers: Specify "WSR2".
- Roller bearing sealed metal retainer washer: Specify "WSR3".
- Pedestal Precision Ball Bearing also available in stainless steel, consult factory.

Moldon Polyurethane Cast Iron Core Wheels

Capacity up to 1500 lbs each



This is a strong, ultra-durable wheel. It has a very high strength-to-weight ratio and is capable of long service under heavy loads. Maroon color polyurethane is bonded to the cast iron core.

Temperature Range: -45°F to +180°F.

Hardness: 95(±5) Durometer Shore A scale.

Finish: Silver paint (wheel core).

Wheel Selection

Colson Moldon Polyurethane Cast Iron Core Wheels • Capacity up to 3500 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
4"	2"	700	Delrin	5.00004.941.7	3/4"	1 3/16"	2 3/16"	1/2"	27/16"	4 3/4
			Roller	5.00004.949.7	3/4"	1 3/16"	2 3/16"	1/2"	27/16"	4 3/4
5"	2"	1000	Delrin	5.00005.941.7	3/4"	1 3/16"	2 3/16"	1/2"	27/16"	5
			Roller	5.00005.949.7	3/4"	1 3/16"	2 3/16"	1/2"	27/16"	5
6"	2"	1200	Delrin	5.00006.941.7	3/4"	1 3/16"	2 3/16"	1/2"	27/16"	5 5/8
			Roller	5.00006.949.7	3/4"	1 3/16"	2 3/16"	1/2"	27/16"	5 5/8
8"	2"	1500	Delrin	5.00008.941.7	3/4"	1 3/16"	2 3/16"	1/2"	27/16"	9 1/4
			Roller	5.00008.949.7	3/4"	1 3/16"	2 3/16"	1/2"	27/16"	9 1/4

Wheel Options

Delrin Bearing Less Bushing: Specify "WB01B".

1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11".

1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B".

- Metal cage roller bearing: Specify "WB29".

- Torrington style with Hytrel retainer (2" tread width): Specify "WB19".

- Roller Bearing less Bushing: Specify "WB09B".

- Roller bearing metal thrust & retainer washers: Specify "WSR1".

- Roller bearing sintered iron step washers: Specify "WSR2".

- Roller bearing sealed metal retainer washer: Specify "WSR3".

- Pedestal Precision Ball Bearing (PPBB): Available on 2" tread width wheels. To order change ninth digit in model number to "5" (Example: 5.00006.945.7). Also available in stainless steel, consult factory.



Endura® Solid Elastomer Wheels



Capacity up to 1200 lbs each



When you need a wheel to roll easily under heavy loads, Colson offers the perfect solution. Endura wheels out-perform most conventional caster wheels on the market. The secret is Colson's solid "monoform" wheel construction. With this unique design, wheel tread and core are molded as a single unit. This eliminates wheel tread separation and bond failure.

Colson's exclusive solid elastomer compound delivers greater durability than conventional metal, rubber, plastic, polyurethane and phenolic wheels.

Colson's severe and comprehensive test procedures prove Endura wheels outlast competitive solid elastomer wheels by more than 50%! Colson test results also show that Endura wheels start rolling, keep rolling, and swivel easier than our competitors.

Even in continuous operation, these wheels produce extremely low heat build-up making them perfect for tow-line applications (precision ball bearings required).

Endura wheels resist most chemicals, oils, greases, petroleum products and solvents. In addition, Endura non-marking wheels offer excellent resistance to chipping, cracking and flat-spotting. Superior impact strength and abrasion resistance further enhance durability.

Temperature range: -45F° to +230°F.

Hardness: 63(±5) Durometer Shore D scale.

Colson Endura Solid Elastomer Wheels • Capacity up to 1200 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
4"	2"	1000	Delrin	5.00004.831 EN	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.11	1 3/8
			Roller	5.00004.839 EN	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"		1 3/8
			Prec. Ball*	5.00004.8P5 EN	—	—	2 3/16"	1/2"	2 7/16"		1 3/8
5"	2"	1000	Delrin	5.00005.831 EN	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 52007.94	1 3/4
			Roller	5.00005.839 EN	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"		1 3/4
			Prec. Ball*	5.00005.8P5 EN	—	—	2 3/16"	1/2"	2 7/16"		1 3/4
6"	2"	1100	Delrin	5.00006.831 EN	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57551.05	2
			Roller	5.00006.839 EN	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"		2
			Prec. Ball*	5.00006.8P5 EN	—	—	2 3/16"	1/2"	2 7/16"		2
8"	2"	1200	Delrin	5.00008.831 EN	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57551.05	3 1/4
			Roller	5.00008.839 EN	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"		3 1/4
			Prec. Ball*	5.00008.8P5 EN	—	—	2 3/16"	1/2"	2 7/16"		3 1/4

*Spanner bushing included. Part number is 56525.02.

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- Metal cage roller bearing: Specify "WB29".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Roller bearing sintered iron step washers: Specify "WSR2".
- Roller bearing sealed metal retainer washer: Specify "WSR3".
- Thread Guards: Specify "TG1" (metal).
- Pedestal Precision Ball Bearing (PPBB): To order change ninth digit in roller bearing model number to "5" (Example: 5.00006.835.EN). Also available in stainless steel, consult factory.

HydroTech™ Water-Resistant TPE Alloy Wheels



Capacity up to 1000 lbs each

HYDROTECH™ Water-Resistant TPE Alloy Wheels



- The innovative new TPE alloy HYDROTECH™ wheels are formulated and designed to withstand continuous exposure to moisture, significantly increasing life expectancy compared to TPU
- Fusion bonded to prevent tread separation and reduce noise related to mechanical interlock failures
- Same load capacity and rollability as TPU
- Excellent abrasion resistant
- USA-made wheel is built to last and backed with confidence (industry leading 3-year warranty)

Temperature range: -45°F to +180°F.

Hardness: 40 ±(5) Shore D

Finish: Specially formulated TPE tread on polyolefin core.

HydroTech Water-Resistant TPE Alloy Wheels with Standard Bearings • Capacity up to 1000 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
4"	2"	600	Plain Bore	WH4X2TPE19	—	1 3/16"	2 3/16"	—	—	—	—
			Delrin	504000HF1	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	—
			Roller	504000HF9	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	—
			Prec. Ball	504000HF5	1/2"	1 3/16"	2 7/16"	—	—	—	—
5"	2"	750	Plain Bore	WH5X2TPE19	—	1 3/16"	2 3/16"	—	—	—	—
			Delrin	505000HF1	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	—
			Roller	505000HF9	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	—
			Prec. Ball	505000HF5	1/2"	1 3/16"	2 7/16"	—	—	—	—
6"	2"	900	Plain Bore	WH6X2TPE19	—	1 3/16"	2 3/16"	—	—	—	—
			Delrin	506000HF1	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	—
			Roller	506000HF9	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	—
			Prec. Ball	506000HF5	1/2"	1 3/16"	2 7/16"	—	—	—	—
8"	2"	1000	Plain Bore	WH8X2TPE19	—	1 3/16"	2 3/16"	—	—	—	—
			Delrin	508000HF1	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	—
			Roller	508000HF9	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	—
			Prec. Ball	508000HF5	1/2"	1 3/16"	2 7/16"	—	—	—	—



HYDROTECH™ INTRODUCING... the ultimate Water-Resistant TPE wheel for the outdoors

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- Metal cage roller bearing: Specify "WB29".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Custom colors to match your equipment (consult factory).
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11".
- Torrington style with Hytrel retainer (2" tread width): Specify "WB19".
- Roller bearing sintered iron step washers: Specify "WSR2".
- Pedestal Precision Ball Bearing (PPBB): To order standard or stainless steel consult factory.
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing sealed metal retainer washer: Specify "WSR3".
- Thread Guards: Specify "TG1" (metal).



Capacity up to 1000 lbs each
(Continued from previous page)

HydroTech Water-Resistant TPE Alloy with Stainless Steel Bearings • Capacity up to 1000 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
4"	2"	600	Plain Bore	WH4X2TPE19	—	1 3/16"	2 3/16"	—	—	—	—
			Delrin	504040HF1	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	—
			Roller	504040HF9	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	—
			Prec. Ball	504040HF5	1/2"	1 3/16"	2 7/16"	—	—	—	—
5"	2"	750	Plain Bore	WH5X2TPE19	—	1 3/16"	2 3/16"	—	—	—	—
			Delrin	505040HF1	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	—
			Roller	505040HF9	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	—
			Prec. Ball	505040HF5	1/2"	1 3/16"	2 7/16"	—	—	—	—
6"	2"	900	Plain Bore	WH6X2TPE19	—	1 3/16"	2 3/16"	—	—	—	—
			Delrin	506040HF1	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	—
			Roller	506040HF9	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	—
			Prec. Ball	506040HF5	1/2"	1 3/16"	2 7/16"	—	—	—	—
8"	2"	1000	Plain Bore	WH8X2TPE19	—	1 3/16"	2 3/16"	—	—	—	—
			Delrin	508040HF1	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	—
			Roller	508040HF9	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	—
			Prec. Ball	508040HF5	1/2"	1 3/16"	2 7/16"	—	—	—	—

HydroTech Chemical Chart

Organics & Solvents		Methylene chloride	X	Acids		Sulfuric, 78%	F
Acetone	G	Methyl ethyl ketone	F	Acetic, 10-50%	G	Tannic	G
Alcohol, butyl	G	Oakite (floor cleaner)	E	Acetic, 75%	G	Alkalies	
Alcohol, ethyl	G	Orangeve	X	Acetic, glacial	G	Tartaric	F
Alcohol, methyl	G	Naptha	F	Boric	G	Ammonium hydroxide	G
Aniline	G	Nitrobenzene	X	Butyric	G	Calcium hydroxide	G
Benzene	X	Phenol	X	Chromic	F	Potassium hydroxide	G
Bravo (wax stripper diluted)	E	Toluene	X	Citric	F	Sodium hydroxide	G
Carbon disulfide	X	Trichloroethylene	X	Fluoboric	G	Salts	
Carbon tetrachloride	X	Varsol	X	Hydrobromic, 25%	G	Acid salts	G-F
Chlorobenzene	X	Vestalene (detergent diluted)	E	Hydrochloric, 10%	G	Alkaline salts	G
Chloroform	X	Urine	E	Hydrofluoric	F	Neutral salts	G
Colson 45 lubricant	G	Gases		Lactic	F	Miscellaneous salts:	
Enclean SS-2 (parts cleaner)	X	Carbon dioxide	G	Nitric, 5%	G	Potassium dichromate	G
Ethyl acetate	F	Carbon monoxide	G	Nitric, 65%	X	Potassium permanganate	G
Ethylene chloride	G	Chlorine, wet	F	Oleic	G	Salt water	G
Ethylene dichloride	F	Chlorine, dry	F	Oleum	X	Sodium cyanide	G
Ethyl ether	G	Hydrogen sulfide	G	Oxalic	G	Sodium ferricyanide	G
Formaldehyde, 37%	X	Sulfur dioxide, wet	F	Phosphoric, 25%	G	Sodium hypochlorite	G
Gasoline	X	Sulfur dioxide, dry	F	Phosphoric, 85%	G		
Heptane	X			Sulfuric, 10%	G		

E=Excellent G=Good F=Fair X=Unacceptable

This chart lists an extensive range of chemicals, solvents and gases. Examine the listings in this chart to determine if your application is considered compatible with HydroTech wheels. Ratings are at 72°F. Concentrations of aqueous solutions are saturated except where noted. Information in this chart is based on laboratory tests and results may vary in actual caster applications. Field testing is recommended to confirm compatibility with your particular application. For information on the compatibility of other fluids and chemicals, please contact the factory.

Introducing HYDROTECH: The New Innovative TPE Alloy

HydroTech water-resistant wheels are essential for industries where water, moisture, and humidity are present.

One of the standout features of the HydroTech wheel is its ability to withstand moisture. Many wheels crack, fall apart, or become unusable with continuous exposure to water, but HydroTech's TPE alloy ensures the wheel maintains its strength and durability, even in wet or humid environments.

Hydrolysis is a chemical reaction that occurs when water molecules

break down the chemical bonds in a material. The TPE alloy used in the HydroTech wheel is specifically formulated to resist hydrolysis due to its unique formulation and fusion-bonded construction. This makes it a great choice for a variety of applications, including box stores, medical facilities, and industrial settings.

The HydroTech wheel has the same load capacity and rollability as TPU, making it an ideal choice for applications that require high-

performance wheels. It also features a design that prevents tread separation and reduces noise related to mechanical interlock failures, ensuring durability and reliability in tough conditions.

The HydroTech wheel comes with an industry-leading 3-year warranty, making it a top choice for industries that require high-performance wheels that can withstand tough conditions, including moisture and hydrolysis.

Maxim® Wheels

Capacity up to 1400 lbs each



Colson Maxim Wheels feature an exclusive, ultra-tough thermoplastic compound that resists hard impacts and drop-shocks. The wheel is impervious to most chemicals, solvents, salts, gases, alkalines and steam cleaning and does not absorb water. When compared to other hard tread wheels, Maxim wheels require less force to roll and swivel. It is ideal for many industrial and institutional applications and is NSF listed for the food service industry. The wheel is non-marking.

Temperature range: -45°F to +180°F (normal). To +350°F if you specify a bronze or roller bearing with mid-temp grease.

Hardness: 85(±5) Durometer Shore D scale.

Colson Maxim Wheels • Capacity up to 1400 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearings	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
3 1/4"	2"	700	Delrin	5.00003.531	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	–	5/8
			Roller	5.00003.539	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	–	5/8
4"	1 1/2"	600	Delrin	3.00004.501	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"	–	7/8
			Roller	3.00004.509	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"	–	7/8
	1 1/2"	600	Delrin	4.00004.511	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"	–	7/8
			Roller	4.00004.519	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"	–	7/8
	2"	800	Delrin	5.00004.531	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	–	1
			Roller	5.00004.539	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	–	1
5"	2"	1000	Delrin	5.00005.531	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.45	1 1/4
			Roller	5.00005.539	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.45	1 1/4
6"	2"	1200	Delrin	5.00006.531	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.46	1 1/2
			Roller	5.00006.539	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.46	1 1/2
8"	2"	1400	Delrin	5.00008.531	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	–	2
			Roller	5.00008.539	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	–	2

Wheel Options

- Delrin Bearing Less Bushing: Specify **"WB01B"**.
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**.
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**.
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**.
- Roller Bearing less Bushing: Specify **"WB09B"**.
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**.
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**.
- Bronze Bearing: To order, change 9th digit in model number to **"4"** (Example: 5.00006.534).
- Pedestal Precision Ball Bearing (PPBB): To order change 9th digit in model number to **"5"** (Example: 5.00006.535). Also available in stainless steel, consult factory.

Capacity up to 1100 lbs each



Thermo wheels feature a standard operating temperature range from -70°F (continuous service) to +525°F (intermittent service, +480°F continuous service). These wheels are molded from an exclusive engineered resin compound that offers non-marking floor protection, near zero water absorption, high load capacities and long service life. A special manufacturing process enables the wheels to retain a consistent bearing bore even when exposed to elevated temperatures. Furthermore, Thermo wheels are 100% recyclable, and they are highly resistant to animal fats, vegetable oils and salt solutions. The life expectancy of Thermo wheels is three times longer than high-temp phenolic wheels, and they offer an equal load capacity. Unlike high-temp phenolic wheels, Colson Thermo wheels have no outer skin that can break and absorb water or other fluids.

Temperature range: -70°F to +525°F intermittent service (+480°F continuous service).

Hardness: 85(±5) Durometer Shore D scale.

Colson Thermo Wheels • Capacity up to 1100 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
3"	1 1/2"	600	Plain	4.00003.812 HT	—	3/4"	1 3/4"	1/2"	27/16"	1/2
			Less Bearing	4.00003.816 HT	—	1 3/16"	1 5/8"	—	—	1/2
			Roller	4.00003.819 HT	3/4"	1 3/16"	1 5/8"	1/2"	27/16"	1/2
3 1/2"	1 1/4"	300	Plain	2.00003.52 HT	—	1/2"	17/16"	3/8"	1 1/2"	3/8
4"	1 1/4"	300	Plain	2.00004.52 HT	—	1/2"	17/16"	3/8"	1 1/2"	3/4
	1 1/2"	700	Plain	4.00004.812 HT	—	3/4"	1 3/4"	1/2"	27/16"	3/4
			Less Bearing	4.00004.816 HT	—	1 3/16"	1 5/8"	—	—	3/4
			Roller	4.00004.819 HT	3/4"	1 3/16"	1 5/8"	1/2"	27/16"	3/4
	2"	800	Plain	5.00004.832 HT	—	3/4"	2 3/8"	1/2"	27/16"	3/4
			Less Bearing	5.00004.836 HT	—	1 3/16"	2 3/16"	—	—	3/4
Roller			5.00004.839 HT	3/4"	1 3/16"	2 3/16"	1/2"	27/16"	3/4	
5"	1 1/4"	325	Plain	2.00005.52 HT	—	1/2"	17/16"	3/8"	1 1/2"	1
	1 1/2"	800	Plain	4.00005.812 HT	—	3/4"	1 3/4"	1/2"	27/16"	3/4
			Less Bearing	4.00005.816 HT	—	1 3/16"	1 5/8"	—	—	3/4
			Roller	4.00005.819 HT	3/4"	1 3/16"	1 5/8"	1/2"	27/16"	3/4
	2"	1000	Plain	5.00005.832 HT	—	3/4"	2 3/8"	1/2"	27/16"	1
			Less Bearing	5.00005.836 HT	—	1 3/16"	2 3/16"	—	—	1
Roller			5.00005.839 HT	3/4"	1 3/16"	2 3/16"	1/2"	27/16"	1	
6"	2"	1100	Plain	5.00006.832 HT	—	3/4"	2 3/8"	1/2"	27/16"	12/3
			Less Bearing	5.00006.836 HT	—	1 3/16"	2 3/16"	—	—	12/3
			Roller	5.00006.839 HT	3/4"	1 3/16"	2 3/16"	1/2"	27/16"	12/3

Wheel Options

- Bronze bearing: To order, change 9th digit in model number to "4" (Example: 5.00005.834 HT).



Polyolefin Wheels



Capacity up to 300 lbs each



This hard tread polyolefin wheel is light weight, offers non-marking floor protection, and resists hard impacts. Very light in weight, yet the impact strength for this wheel is far superior to hard rubber wheels. It offers superior resistance to most oils, chemicals, grease, solvents and acids. Fit for light and medium duty applications. The standard color is black.

Temperature range: -45°F to +180°F.

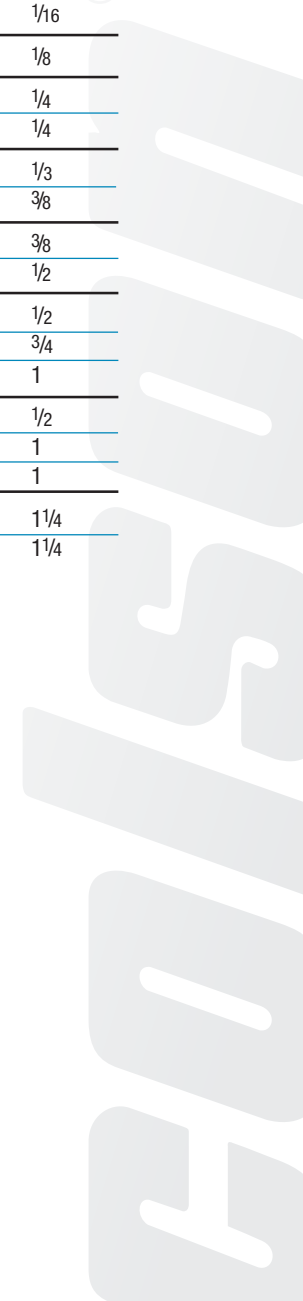
Hardness: 70(±5) Durometer Shore D scale.

Colson Polyolefin Wheels • Capacity up to 350 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal TG2: Plastic	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
1 5/8"	7/8"	75	Delrin	1.00001.52	5/16"	1/2"	1 1/32"	–	–	–	1/16
2"	7/8"	100	Delrin	1.00002.52	5/16"	1/2"	1 1/32"	–	–	–	1/8
2 1/2"	1 1/4"	200	Delrin	2.00002.53	1/2"	29/32"	1 7/16"	3/8"	1 1/2"	TG1: 57852	1/4
			Ball	2.00002.55	3/8"	29/32"	1 1/2"	–	–		1/4
3"	7/8"	125	Delrin	1.00003.53	7/16"	5/8"	1 1/32"	5/16"	1 7/64"	TG1: 57852.03	1/3
	1 1/4"	200	Delrin	2.00003.52	1/2"	29/32"	1 7/16"	3/8"	1 1/2"	–	3/8
3 1/2"	1 1/4"	280	Delrin	2.00003.53	1/2"	29/32"	1 7/16"	3/8"	1 1/2"	TG1: 57854.01	3/8
			Ball	2.00003.55	3/8"	29/32"	1 1/2"	–	–		1/2
4"	7/8"	135	Delrin	1.00004.53	7/16"	5/8"	1 1/32"	5/16"	1 7/64"	–	1/2
	1 1/4"	350	Delrin	2.00004.53	1/2"	29/32"	1 7/16"	3/8"	1 1/2"	TG1: 57854.01	3/4
			Ball	2.00004.55	3/8"	29/32"	1 1/2"	–	–		1
5"	7/8"	145	Delrin	1.00005.53	7/16"	5/8"	1 1/32"	5/16"	1 7/64"	–	1/2
	1 1/4"	350	Delrin	2.00005.53	1/2"	29/32"	1 7/16"	3/8"	1 1/2"	TG1: 57866.03	1
			Ball	2.00005.55	3/8"	29/32"	1 1/2"	–	–	TG2: 57852.43	1
6"	1 1/4"	350	Delrin	2.00006.52	1/2"	29/32"	1 7/16"	3/8"	1 1/2"	–	1 1/4
			Ball	2.00006.55	3/8"	29/32"	1 1/2"	–	–	–	1 1/4

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- Thread Guards: Specify "TG1" (metal), "TG2" (plastic).





Capacity up to 900 lbs each



Designed for hard impacts and heavy loads, this wheel is injection molded from an exclusive Colson polyolefin compound. The unique ribbed design adds strength. Very light in weight, yet the impact strength of this wheel is far superior to hard rubber wheels. It offers superior resistance to most oils, chemicals, grease, gasoline, cooking fats and acids. In addition, the wheel is stain resistant, non-marking and provides zero water absorption.

Temperature range: -45°F to +180°F.

Hardness: 70(±5) Durometer Shore D scale.

Colson Polyolefin Wheels • Capacity up to 900 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
3"	1 1/2"	300	Delrin	3.00003.801	3/4"	13/16"	15/8"	3/8"	17/8"	TG1: 52250.62	1/2
			Plain	3.00003.802	—	3/4"	15/8"	3/8"	17/8"		1/2
			Roller	3.00003.809	3/4"	13/16"	15/8"	3/8"	17/8"		1/2
			Delrin	4.00003.811	3/4"	13/16"	15/8"	1/2"	27/16"	TG1: 57852.12	1/2
			Plain	4.00003.812	—	3/4"	15/8"	1/2"	27/16"		1/2
			Roller	4.00003.819	3/4"	13/16"	15/8"	1/2"	27/16"		1/2
4"	1 1/2"	375	Delrin	3.00004.801	3/4"	13/16"	15/8"	3/8"	17/8"	TG1: 57852.06	3/4
			Plain	3.00004.802	—	3/4"	15/8"	3/8"	17/8"		3/4
			Roller	3.00004.809	3/4"	13/16"	15/8"	3/8"	17/8"		3/4
			Delrin	4.00004.811	3/4"	13/16"	15/8"	1/2"	27/16"	TG1: 57852.07	3/4
			Plain	4.00004.812	—	3/4"	15/8"	1/2"	27/16"		3/4
			Roller	4.00004.819	3/4"	13/16"	15/8"	1/2"	27/16"		3/4
	2"	500	Delrin	5.00004.831	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57852.07	3/4
			Plain	5.00004.832	—	3/4"	23/16"	1/2"	27/16"		3/4
			Roller	5.00004.839	3/4"	13/16"	23/16"	1/2"	27/16"		3/4
5"	1 1/2"	450	Delrin	3.00005.801	3/4"	13/16"	15/8"	3/8"	17/8"	TG1: 57866	3/4
			Plain	3.00005.802	—	3/4"	15/8"	3/8"	17/8"		3/4
			Roller	3.00005.809	3/4"	13/16"	15/8"	3/8"	17/8"		3/4
			Delrin	4.00005.811	3/4"	13/16"	15/8"	1/2"	27/16"	TG1: 57866.01	3/4
			Plain	4.00005.812	—	3/4"	15/8"	1/2"	27/16"		3/4
			Roller	4.00005.819	3/4"	13/16"	15/8"	1/2"	27/16"		3/4
	2"	650	Delrin	5.00005.831	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57866.01	1
			Plain	5.00005.832	—	3/4"	23/16"	1/2"	27/16"		1
			Roller	5.00005.839	3/4"	13/16"	23/16"	1/2"	27/16"		1
6"	1 1/2"	500	Delrin	3.00006.801	3/4"	13/16"	15/8"	3/8"	17/8"	TG1: 52250.56	1
			Plain	3.00006.802	—	3/4"	15/8"	3/8"	17/8"		1
			Roller	3.00006.809	3/4"	13/16"	15/8"	3/8"	17/8"		1
			Delrin	4.00006.811	3/4"	13/16"	15/8"	1/2"	27/16"	TG1: 57551.05	1
			Plain	4.00006.812	—	3/4"	15/8"	1/2"	27/16"		1
			Roller	4.00006.819	3/4"	13/16"	15/8"	1/2"	27/16"		1
	2"	700	Delrin	5.00006.831	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57551.05	1 1/4
			Plain	5.00006.832	—	3/4"	23/16"	1/2"	27/16"		1 1/4
			Roller	5.00006.839	3/4"	13/16"	23/16"	1/2"	27/16"		1 1/4
8"	1 1/2"	600	Delrin	4.00008.811	3/4"	13/16"	15/8"	1/2"	27/16"	—	1
			Roller	4.00008.819	3/4"	13/16"	15/8"	1/2"	27/16"		1
	2"	900	Delrin	5.00008.831	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57852.20	1 1/2
			Plain	5.00008.832	—	3/4"	23/16"	1/2"	27/16"		1 1/2
			Roller	5.00008.839	3/4"	13/16"	23/16"	1/2"	27/16"		1 1/2

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11".
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B".
- Metal cage roller bearing: Specify "WB29".
- Torrington style with Hytrel retainer (2" tread width): Specify "WB19".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Roller bearing sintered iron step washers: Specify "WSR2".
- Roller bearing sealed metal retainer washer: Specify "WSR3".
- Pedestal Precision Ball Bearing (PPBB): To order change 9th digit in model number to "5" (Example: 5.00006.835). Also available in stainless steel, consult factory.

Wheel Selection



Phenolic Wheels



Capacity up to 800 lbs each



This phenolic resin wheel is filled with macerated fabric and is quieter than steel or aluminum, while providing superior floor protection. It is resistant to hard impacts, most chemicals and steam. The standard color is black.

Temperature range: -45°F to +180°F. If metal washers specified: -45°F to +250°F (Roller and Ball bearings only).

Hardness: 90 (±5) Shore D scale.

Colson Phenolic Wheels • Capacity up to 800 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
2 1/2"	1 7/16"	300	Roller	2.00002.319	5/8"	1 1/16"	1 1/2"	3/8"	1 17/32"	—	5/8
3"	1 15/32"	300	Roller	2.00003.309	5/8"	1 1/16"	1 1/2"	3/8"	1 17/32"	—	3/4
	1 1/2"	500	Delrin	3.00003.301	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"	—	1
			PPBB	3.00003.305	3/8"	1 3/16"	1 7/8"	—	—	—	1
			Roller	3.00003.309	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"	—	1
			Delrin	4.00003.311	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"	—	7/8
			PPBB	4.00003.315	1/2"	1 3/16"	1 7/8"	—	—	—	7/8
	Roller	4.00003.319	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"	—	7/8		
1 1/4"	350	Roller	2.00033.319	1/2"	1 1/16"	1 1/2"	3/8"	1 17/32"	—	3/4	
3 1/2"	1 1/4"	350	Roller	2.00003.319	1/2"	1 1/16"	1 1/2"	3/8"	1 17/32"	—	3/4
4"	1 1/4"	350	Roller	2.00004.319	1/2"	1 1/16"	1 1/2"	3/8"	1 17/32"	—	3/4
	1 1/2"	600	Delrin	3.00004.301	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"	TG1: 57852.10	1
			PPBB	3.00004.305	3/8"	1 3/16"	1 7/8"	—	—		1
			Roller	3.00004.309	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"		1
			Delrin	4.00004.311	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"	1 1/8	
			PPBB	4.00004.315	1/2"	1 3/16"	1 7/8"	—	—	TG1: 57852.11	1 1/8
	Roller	4.00004.319	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"	1 1/8			
5"	1 1/4"	350	Roller	2.00005.319	1/2"	1 1/16"	1 1/2"	3/8"	1 17/32"	—	1 1/4
	1 1/2"	600	Delrin	3.00005.301	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"	TG1: 57852.08	1
			PPBB	3.00005.305	3/8"	1 3/16"	1 7/8"	—	—		1
			Roller	3.00005.309	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"		1
			Delrin	4.00005.311	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"	1 1/2	
			PPBB	4.00005.315	1/2"	1 3/16"	1 7/8"	—	—	TG1: 52001.86	1 1/2
	Roller	4.00005.319	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"	1 1/2			
6"	1 1/2"	800	Delrin	3.00006.301	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"	TG1: 52250.56	1 3/4
			PPBB	3.00006.305	3/8"	1 3/16"	1 7/8"	—	—		1 3/4
			Roller	3.00006.309	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"		1 3/4
			Delrin	4.00006.311	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"	2	
			PPBB	4.00006.315	1/2"	1 3/16"	1 7/8"	—	—	TG1: 57551.05	2
			Roller	4.00006.319	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"	2	

Wheel Options

- Delrin Bearing Less Bushing: Specify **"WB01B"**.
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**.
- Metal cage roller bearing: Specify **"WB29"**.
- Roller Bearing less Bushing: Specify **"WB09B"**.
- Roller bearing metal thrust & retainer washers: Specify **"WB21"**.
- Roller bearing sintered iron step washers: Specify **"WSR2"**.
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**.
- Pedestal Precision Ball Bearing (PPBB) also available in stainless steel, consult factory.



Capacity up to 1400 lbs each



Phenolic resin wheels are filled with macerated fabric. This wheel provides quieter operation than steel or aluminum, provides superior floor protection, and resists hard impacts, most chemicals and steam. The standard color is black.

Temperature range: -45°F to +180°F. If metal washers specified: -45°F to +250°F (Roller and Ball bearings only).

Hardness: 90 (±5) Shore D scale.

Colson Phenolic Wheels • Capacity up to 1400 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
3 1/4"	2"	700	Delrin	5.00003.331	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	–	1 1/8
			Roller	5.00003.339	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	–	1 1/8
4"	2"	800	Delrin	5.00004.331	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 59042.06	1 1/2
			Roller	5.00004.339	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"		1 1/2
5"	2"	1000	Delrin	5.00005.331	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 52007.94	2 1/8
			Roller	5.00005.339	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"		2 1/8
6"	2"	1200	Delrin	5.00006.331	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 52001.86	3
			Roller	5.00006.339	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"		3
8"	2"	1400	Delrin	5.00008.331	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.05	4 3/4
			Roller	5.00008.339	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"		4 3/4

Wheel Options

- Delrin Bearing Less Bushing: Specify **"WB01B"**.
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**.
- 1-Piece Delrin Bearing less Bushing: Specify **"WB09B"**.
- Roller Bearing less Bushing: Specify **"WB09B"**.
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**.
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**.
- Pedestal Precision Ball Bearing (PPBB): Available on 2" tread width wheels. To order change 9th digit in model number to **"5"** (Example: 5.00008.335). Also available in stainless steel, consult factory.
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**.
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**.



Cast Iron Wheels

Capacity up to 600 lbs each



This wheel should be specified when excessive load weights are involved and floor protection is not a factor. Its high strength withstands sharp impacts. Cast Iron wheels should not be used if noise is of major concern or if loads are fragile.

Temperature range: -45°F to +180°F. If metal washers specified: -45°F to + 500°F (Roller, Ball and Sleeve bearings only).

Finish: Green alkyd enamel.

Colson Cast Iron Wheels • Capacity up to 600 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
2 1/2"	1 1/4"	300	Sleeve	2.00002.12	5/8"	—	1 15/32"	3/8"	1 1/2"	TG1: 57854.01	3/4
3"	1 1/4"	300	Sleeve	2.00003.14	5/8"	—	1 15/32"	3/8"	1 1/2"	—	1 1/4
			Delrin	3.00003.101	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"	TG1: 52250.62	2 3/8
	1 1/2"	425	Roller	3.00003.109	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"		TG1: 57852.12
			Delrin	4.00003.111	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"	2 3/8	
			Roller	4.00003.119	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"	2 3/8	
3 1/2"	1 1/4"	300	Sleeve	2.00003.12	5/8"	—	1 15/32"	3/8"	1 1/2"	—	1 1/2
4"	1 1/4"	300	Sleeve	2.00004.12	5/8"	—	1 15/32"	3/8"	1 1/2"	—	2
			Delrin	3.00004.101	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"	—	2 1/2
	1 1/2"	500	Roller	3.00004.109	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"	—	2 1/2
			Delrin	4.00004.111	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"	TG1: 52007.94	2 3/8
			Roller	4.00004.119	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"		2 3/8
5"	1 1/4"	300	Sleeve	2.00005.12	5/8"	—	1 15/32"	3/8"	1 1/2"	TG1: 57551.02	2 1/4
			Delrin	3.00005.101	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"	TG1: 52250.56	3 1/4
	1 1/2"	600	Roller	3.00005.109	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"		TG1: 57551.05
			Delrin	4.00005.111	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"	3 1/4	
			Roller	4.00005.119	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"	3 1/4	
6"	1 1/2"	600	Delrin	3.00006.101	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"	—	4
			Roller	3.00006.109	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"	—	4
			Delrin	4.00006.111	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"	TG1: 57852.04	4
			Roller	4.00006.119	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"		4

Note: Some cast iron models have solid cores depending on wheel diameter. Consult factory.

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Roller bearing sealed metal retainer washer: Specify "WSR3".
- Pedestal Precision Ball Bearing (PPBB): Available on 1 1/2" tread width wheels. To order change 9th digit in model number to "5" (Example: 4.00004.115). Also available in stainless steel, consult factory.

Cast Iron Wheels

Capacity up to 1500 lbs each



This wheel should be specified when excessive load weights are involved and floor protection is not a factor. Its high strength withstands sharp impacts. They should not be used if noise is of major concern or if loads are fragile.

Temperature range: -45°F to +180°F. If metal washers specified: -45°F to + 500°F (Roller, Ball & Sleeve bearings only).

Finish: Green alkyd enamel.

Zerk Fitting: Zerk grease fitting in hub is standard on wheel model numbers beginning with "7" and "8".

Colson Cast Iron Wheels • Capacity up to 1500 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
4"	2"	1000	Delrin	5.00004.131	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 52007.94	35/8
			Roller	5.00004.139	3/4"	13/16"	23/16"	1/2"	27/16"		35/8
5"	2"	1000	Delrin	5.00005.131	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57551.05	51/8
			Roller	5.00005.139	3/4"	13/16"	23/16"	1/2"	27/16"		51/8
6"	2"	1500	Delrin	5.00006.131	3/4"	13/16"	23/16"	1/2"	27/16"	-	53/4
			Roller	5.00006.139	3/4"	13/16"	23/16"	1/2"	27/16"	-	53/4
8"	2"	1500	Delrin	5.00008.131	3/4"	13/16"	23/16"	1/2"	27/16"	-	81/2
			Roller	5.00008.139	3/4"	13/16"	23/16"	1/2"	27/16"	-	81/2

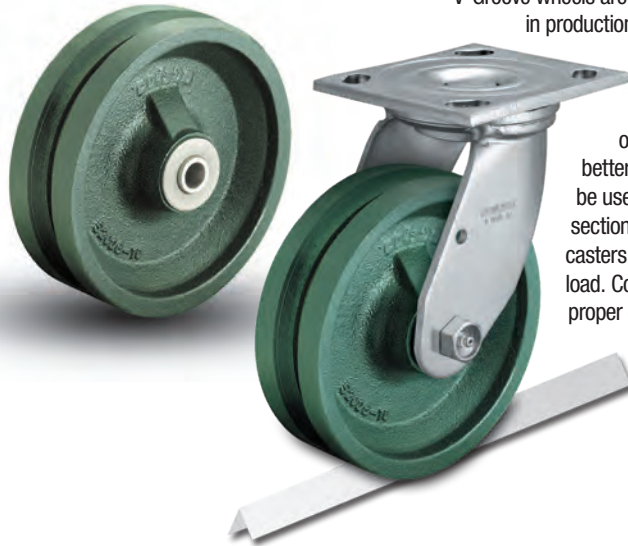
Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11".
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B".
- Torrington style with Hytrel retainer (2" tread width): Specify "WB19".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Roller bearing sealed metal retainer washer: Specify "WSR3".
- Pedestal Precision Ball Bearing (PPBB): Available on 2" tread width models. To order change 9th digit to "5" (Example: 5.00006.135). Also available in stainless steel, consult factory.

V-Groove Wheels



Capacity up to 1200 lbs each



V-Groove wheels are for track or floor operation on inverted angle iron track in production lines. They are also used with hand or conveyor trucks.

V-Groove surface and face are machine finished. These wheels handle loads from 800 to 6,000 lbs. per wheel.

Designed for floor operation, or for track mounted flush or on top of floors, the wheel gives greater flexibility and better use of available floor space. Curves and switches may be used in track operation. Wheels are cast with reinforced section at maximum stress points. The type of track layout and casters are dependent upon floor conditions, area, distance and load. Consult your local Colson representative for advice on the proper caster for the most economic and efficient handling of your particular application.

Temperature range: -45°F to +180°F. If metal washers specified: -45°F to +500°F (Roller bearing only).

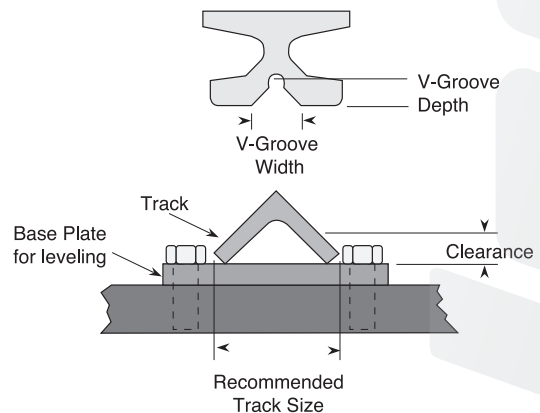
Finish: Green alkyd enamel.

Colson V-Groove Wheels • Capacity up to 1200 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
4"	2"	800	Delrin	5.00004.731	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57852.07	37/8
			Roller	5.00004.739	3/4"	13/16"	23/16"	1/2"	27/16"		37/8
6"	2"	1200	Delrin	5.00006.731	3/4"	13/16"	23/16"	1/2"	27/16"	—	61/4
			Roller	5.00006.739	3/4"	13/16"	23/16"	1/2"	27/16"	—	61/4

Wheel Dia.	Tread Width	V-Groove Width	V-Groove Depth	Recommended Track Size	Clearance
4"	2"	3/4"	3/8"	1 1/2" x 1 1/2"	13/16"
6"	2"	3/4"	3/8"	1 1/2" x 1 1/2"	13/16"

Recommended track size and clearance dimensions are in the chart above. The base plate may be mounted directly to floor or to a cement grouting for leveling track if necessary because of uneven floor conditions.



Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11".
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B".
- Torrington style with Hytrel retainer (2" tread width): Specify "WB19".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Roller bearing sealed metal retainer washer: Specify "WSR3".
- Pedestal Precision Ball Bearing (PPBB): Available on 2" tread width wheels. To order change ninth digit in model number to "5" (Example: 5.00006.735). Also available in stainless steel, consult factory.

Encore Hand Truck Wheels



Featuring an off-set hub design, these light weight, high performance hand truck wheels roll longer, quieter and smoother without marking floors.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 55(±5) Shore A Scale.



Encore Hand Truck Wheels • Round Black/Grey Tread • Capacity up to 600 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel		Hub		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Length Less Bearing	Length With Bearing	
Round Black Tread Models									
8"	2"	280	None (1 3/4" Offset Hub)	E5.00008.586.2	N/A	1 3/8"	1 3/4"	2 1/4"	2 1/4
8"	2"	280	Ball (2" Offset Hub)	E5.00008.585.2	5/8"	1 3/8"	1 3/4"	2 1/4"	2 1/4
8"	2"	280	None (2" Offset Hub)	E5.00008.596.2	N/A	1 3/8"	2"	2 1/4"	2 1/4
8"	2"	280	Ball (2 1/4" Offset Hub)	E5.00008.595.2	5/8"	1 3/8"	2"	2 1/4"	2 1/4
10"	2"	600	None (2" Offset Hub)	E5.00010.596.2	N/A	1 3/8"	2"	2 1/4"	2 7/10
10"	2"	600	Ball (2 1/4" Offset Hub)	E5.00010.595.2	5/8"	1 3/8"	2"	2 1/4"	2 7/10
Round Grey Tread Models									
8"	2"	280	None (1 3/4" Offset Hub)	E5.00008.586	N/A	1 3/8"	1 3/4"	2 1/4"	2 1/4
8"	2"	280	Ball (2" Offset Hub)	E5.00008.585	5/8"	1 3/8"	1 3/4"	2 1/4"	2 1/4
8"	2"	280	None (2" Offset Hub)	E5.00008.596	N/A	1 3/8"	2"	2 1/4"	2 1/4
8"	2"	280	Ball (2 1/4" Offset Hub)	E5.00008.595	5/8"	1 3/8"	2"	2 1/4"	2 1/4
10"	2"	600	None (2" Offset Hub)	E5.00010.596	N/A	1 3/8"	2"	2 1/4"	2 7/10
10"	2"	600	Ball (2 1/4" Offset Hub)	E5.00010.595	5/8"	1 3/8"	2"	2 1/4"	2 7/10



Encore Hand Truck Wheels • Flat Grey Tread • Capacity up to 500 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel		Hub		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Length Less Bearing	Length With Bearing	
10"	1 1/2"	500	None (Center Hub)	E4.00010.446	N/A	1 3/8"	2"	2 1/4"	2 7/10
10"	1 1/2"	500	Ball (Center Hub)	E4.00010.445	5/8"	1 3/8"	2"	2 1/4"	2 7/10

Brakes



1 Series Side Lock Brake

Capacity up to 145 lbs each

The ends of the brake spring are crimped so they grab the wheel at four contact points, which provides extra holding power on a variety of wheel surfaces. This side locking brake is easily operated with foot action and

available on 3", 4", and 5" caster models. 1 Series brakes cannot be used with thread guards. To order this brake with a caster specify "BRK 3" (See pages 10-19). To field install this brake, see kit numbers.

Wheel Dia.	Kit Number	Swivel Radius
(75 lbs Capacity Models)		
3"	11.3000	2 11/16"
(145 lbs Capacity Models)		
3"	11.3200	3"
4"	11.4200	3 9/16"
5"	11.5200	4 1/16"



2 Series Total Lock® Brake

Capacity up to 350 lbs each

Colson's Total Lock brake locks the wheel and swivel simultaneously. The brake design features durable metal construction with a thermoplastic pedal and provides virtually maintenance free operation. The brake is easily

operated with foot action. It works on 3 1/2", 4" and 5" 2 Series zinc plated caster models. To order this brake with a caster, specify "BRK5" (see pages 20-33). To field install the brake, see kit numbers.

Wheel Dia.	Kit Number	Swivel Radius
3"	52023.09	4 9/16"
3 1/2"	52023.03	4 9/16"
4"	52023.04	4 5/8"
5"	52023.05	4 11/16"
6"	52023.06	4 11/16"



2 Series Top Lock Brake

Capacity up to 350 lbs each

Colson Top Lock brakes provide positive braking action on all types of wheels. A special cam activated brake mechanism locks firmly and is easy to engage and disengage.

To order the brake with a caster, specify "BRK1" (see pages 20-33). To field install the brake, see kit numbers.

Wheel Dia.	Kit Number	Swivel Radius
2 1/2"	52023.62	3 13/16"
3"	52020.96	3 5/8"
3 1/2"	52020.93	3 5/8"
4"	52020.94	3 11/16"
5"	52023.65	3 15/16"
6"	52023.83	-

Kit includes solid axle.



2 Series Top Lock Brake (Stainless Steel)

Capacity up to 350 lbs each

Constructed of polished stainless steel, Colson's 2 Series Stainless Steel Top Lock brake provides positive, reliable braking under a variety of harsh operating conditions. Compatible with 2 Series Stainless

Steel swivel kingpin forks only. To order with a caster, specify "BRK1" (see page 36). To field install the brake, see kit numbers. This brake is not recommended for high-temp applications.

Wheel Dia.	Kit Number	Swivel Radius
3"	05214.87	3 3/4"
3 1/2"	05214.88	3 3/4"
4"	05214.89	3 13/16"
5"	05214.90	4"



2 Series Total Lock® Brake (Stainless Steel)

Capacity up to 350 lbs each

This brake is constructed of durable stainless steel and ideally suited for wet or corrosive conditions. Heavy loads are held securely with the simple toe operation. The swivel radius of the caster is 5" including the brake.

Available on all 2 Series Stainless Steel swivel kingpin forks. **The brake's riveted design is not field installable.** To order it with a caster, specify "BRK4" (see page 36).

Wheel Dia.	Swivel Radius
3"	4 3/4"
3 1/2"	4 3/4"
4"	4 3/4"
5"	4 3/4"

Brakes



2 Series Directional Lock

Capacity to 350 lbs each

Lock the swivel for straight tracking on all 2 Series zinc plated top plate swivel casters. The foot-activated directional lock engages simply and securely into lead or trailing position and is compatible with a full range of wheels.

The directional lock is not field installable. To order with caster, change the 4th digit of the caster model number to "1" (example: 2.05156.91). See pages 20-21.

Wheel Dia.	Swivel Radius
2 1/2"	4 3/16"
3"	4 3/16"
3 1/2"	4 3/16"
4"	4 15/16"
5"	4 15/16"



2 Series Posi Lock Brake

Capacity to 350 lbs each

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

easy engagement and disengagement of brake. Stainless steel construction.

To order this brake with a caster, specify "BRK8" see pages 20-33).

Wheel Dia.	Kit Number
3"	52025.13
3 1/2"	52025.17
4"	52025.14
5"	52025.15
6"	52025.16*

*6" model under development. Estimated to be available August, 2024.



2 Series Tech Lock® Brake (Stainless Steel)

Capacity up to 350 lbs each

Constructed of durable, light-weight engineered thermoplastics, this brake is ideally suited for wet or corrosive conditions. The simple toe operation holds heavy loads securely. And, an advanced design brake pad holds a

variety of wheel types. With only two moving parts, the brake is virtually maintenance free. Temperature range: -30°F to +250°F. To order on a caster, specify "BRK2" (see page 36). To field install this brake, see kit numbers.

Wheel Dia.	Kit Number	Swivel Radius
4"	05215.44	5 5/8"
5"	05215.45	6 1/8"



2 Series LoPro Side Lock Brake

Capacity up to 210 lbs each

The LoPro brake design places a positive locking force against the wheel hub to hold loads securely. A large foot pedal makes the brake easy to operate and provides easy foot placement.

This brake is not field installable and

is only available on the 3" model. To order this brake with a caster, specify "BRK3." See page 34.

Wheel Dia.	Swivel Radius
3"	3 3/8"



3 Series Top Lock Brake

Capacity up to 800 lbs each

Available with all swivel casters in the 3 Series line. Colson's Top Lock brake gives positive braking action on all types of wheels by engaging a rubber brake shoe directly against the tread surface of the wheel. A self-compensating spring maintains the effectiveness of the brake

throughout the life of the wheel. Thread guards can also be used with this brake. The brake pedals are rugged .090 steel & zinc plated. To order on a caster, specify "BRK1". See pages 38-41.

Wheel Dia.	Kit Number	Swivel Radius
3"	05210.14	3 11/16"
4"	05210.05	3 13/16"
5"	05225.61	4 1/8"
6"	05225.62	4 5/8"

Brakes



4 Series Side Lock Brake

Capacity up to 1400 lbs each

Colson's 4 Series Side Lock brake design places a positive locking force against the wheel hub to hold loads securely. The larger foot pedal makes the brake easier to operate, provides better foot placement, and can be actuated from either end of the pedal for greater convenience. This brake is

available on Colson 4 Series kingpin casters (2" tread width) equipped with roller bearings or one-piece Delrin bearing models only. To order the brake with a caster specify, "BRK3" (see pages 42-43). To field install the brake, see kit numbers. US. Patent 5,402,864.

Wheel Dia.	Kit 1	Kit 2*	Swivel Radius
4"	05128.30	05128.32	4 15/16"
5"	05128.30	05128.32	5"
6"	05128.29	05128.31	6 1/8"
8"	05128.29	05128.31	6 9/16"

Brakes Work On These Wheels

Kit 1: Nylon, Moldon Polyurethane, Moldon Rubber, Steel, Phenolic

Kit 2: Performa, Polyolefin, Polyurethane HI-Tech, Endura, Maxim, Thermo

*Includes Torrington-style roller bearing.



4 Series Top Lock Brake

Capacity up to 1250 lbs each

Colson 4 Series forks include a special notch for easy installation of Top Lock brakes. The brake is cost effective and provides reliable braking under a variety of operating conditions. Colson 4 Series Top Lock brakes are available

on 4 series casters except models with 3 1/4" or V-Groove wheels. To order it with a caster, specify "BRK7" (see pages 42-45). To field install the Top Lock brake, see kit numbers.

Wheel Dia.	Kit Number	Swivel Radius
4"	05944.14	3 9/16"
5"	05944.15	4 1/4"
6"	05944.16	5"
8"	05944.18	6 1/2"



4 Series Swivel Tech Lock® Brake

Capacity up to 1250 lbs each

Constructed of durable, light-weight engineered thermoplastics, this brake is ideally suited for wet or corrosive conditions. The simple toe operation holds heavy loads securely. With an advanced brake pad design, the brake is compatible with a variety of wheel types. The Tech Lock brake provides virtually maintenance free

operation with only two moving parts. Temperature range: -30°F to +250°F. To order the brake with a caster, specify "BRK2" (see pages 42-45). To field install the brake, see kit numbers. This brake is available on most 4 Series casters, except with a Swivel Lock or 4 Series Enforcer models. U.S. Patent 288285.

Wheel Dia.	Kit Number Standard	Kit Number Stainless	Swivel Radius
4"	05944.44	05944.94	6 9/32"
5"	05944.45	05944.95	6 5/8"
6"	05944.46	05944.96	7 3/8"
8"	05944.48	05944.98	8 7/16"



4 Series Stainless Steel Defender Brakes

Capacity up to 1250 lbs each

See page 95.



Brakes



4 Series Rigid Tech Lock® Brake

Capacity up to 1250 lbs each

Specially engineered for rigid caster models only, the contemporary design features thermoplastic construction to resist rust and corrosion. A grip ridge for the mechanical

lock securely fastens the Tech Lock brake to the fork. To order this brake with a caster, specify "BRK2" (see pages 42-45).

Wheel Dia.	Kit Number Standard	Kit Number Stainless	Swivel Radius
6"	05944.86	05944.87	7 3/8"



4 Series Total Lock® Brake

Capacity up to 1250 lbs each

With a press of the foot, lock both the wheel and swivel in any position. The low angle pedal design makes foot access easy for convenient operation, and the contemporary design features thermoplastic construction to resist rust and corrosion. This brake is not

available on 4 Series Enforcer models or with 3-1/4" diameter and V-Groove wheels. A grip ridge for the mechanical lock securely fastens the brake to the fork. To order with a caster, specify "BRK4" (see pages 42-45).

Wheel Dia.	Kit Number	Swivel Radius
4"	05906.12	6 5/8"
5"	05906.11	7 1/16"
6"	05906.09	7 3/8"
8"	05906.13	8 1/2"



4 & 6 Series Tread Lock Brake

Capacity up to 1500 lbs each

Available on 4 and 6 Series casters, this adjustable brake can be installed in the field or ordered assembled onto the caster. The toe activated brake features positive engagement via rubber faced plate. This

brake is not available with V-groove wheel models or 2-1/2" tread width wheels. To order it with a caster specify, "BRK1" (see pages 42-45, 50-51). To field install the brake, see kit numbers.

Wheel Dia.	Kit Number	Standard 4 Series Swivel Radius	Standard 6 Series Swivel Radius	4 & 6 Series Enforcer Swivel Radius
4"	05944.24	5 5/16"	5 3/8"	5 3/16"
5"	05944.25	6 5/8"	6 9/16"	6 1/2"
6"	05944.26	7 5/16"	7 1/8"	6 7/8"
8"	05944.28	8 1/2"	8 9/16"	8 3/8"

Replacement Brake Pad Model Number: 59044.45



Swivel Locks



Parts & Accessories

4-6 Series Swivel Locks

Capacity up to 6000 lbs each

Swivel locks quickly convert swivel casters to rigid casters for straight-line tracking. A spring-loaded, hand operated plunger is engaged to fit into slots on the swivel raceway. To engage the lock, simply pull out plunger and turn until spring action inserts plunger in notches on raceway. To disengage the

lock, simply pull out the plunger and turn so plunger is not inserted in notches on raceway. **Colson offers 3 types of hand operated swivel locks: Welded, Bolt-On and Kingpinless.**



Welded Models

Series	Mounting Code
4 Series (Standard)	MTG51
4 Series (w/ MTG2 Top Plate)	MTG52
4 Series (w/ MTG4 Top Plate)	MTG54
6 Series (Standard)	MTG52

Welded Swivel Locks: Colson's welded swivel locks are factory installed only. They lock in 90° intervals on 4 and 6 Series casters. To order the lock, see the "Welded Models" chart.



Bolt-On Models

Series	Mounting Code	Field Install Model No.
4 Series (Standard)	MTG61	05213.61
4 Series (w/ MTG2 Top Plate)	MTG62	05213.62
4 Series (w/ MTG4 Top Plate)	MTG64	05213.64
6 Series (Standard)	MTG62	05256.62

Bolt-On Swivel Locks: The bolt-on swivel locks are field installable only but require that the fork yoke base have notches at 90° intervals. They are available on 4-6 Series casters. To order the lock, see the "Bolt-On Models" chart.



Foot Activated Swivel Locks

Capacity to 1500 lbs each

No more back strain from bending down to activate a swivel lock. When the foot pedal is in the "up" position, a stainless steel spring forces a pin into one of the four slots on the swivel fork. This effectively locks the swivel in one of four positions at 90° intervals. To disengage the lock, simply press down on the foot pedal for free swiveling action. It's that easy! With this innovative product, you can quickly and easily convert swivel casters to rigid casters for straight-line tracking. When you need greater maneuverability, you can quickly convert from the rigid position back to full swivel. Quick. Easy. Less stress and strain. The Colson Ergonomic Advantage™.

NOTE: Foot Activated Swivel Lock is field installable but requires notches in caster fork yoke base at 90° intervals.

Series	Mounting Code	Field Install Model No.
4 Series Swivel Top Plate (1 1/2" tread width)*	MTG81	05213.66
4 Series Swivel Top Plate (2" tread width)*	MTG81	05213.66
4 Series Stainless Steel Swivel Top Plate*	MTG81	05213.67

*4" x 4 1/2" Standard top plate only.

Fork Options

DirtBan Swivel Seals

Keep dirt out and lube in for longer caster life.

Seals are recommended for applications where casters and equipment are exposed to regular washings such as hospitals, food processing plants, restaurants, meat packaging plants, laundries, bakeries and more. The seals keep dirt out of the swivel raceway and lubricant in. Colson polyurethane DirtBan seals help casters run smoother and last longer with very little drag on

the swivel action. They offer a high resistance to grease, oils, chemicals, detergents and water. To order on a caster, specify "SEAL". To field install the seals, simply remove the caster wheel and place seals in the upper and lower raceway. No special tools are needed. The DirtBan swivel seals are available on 2 and 4 Series casters. To field install the seals, see chart.

Series	Kit Number
2 Series Swivel	52020.90
4 Series Swivel Upper Raceway	51000.77
4 Series Swivel Lower Raceway	51001.76

2 & 3 Series Dust Caps

Protects swivel raceway from harmful debris.

Keep dust and debris out of the raceway for smoother operation and longer service life. Dust caps are

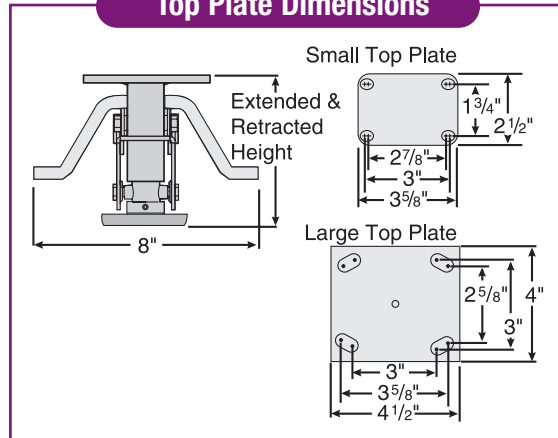
available on 2 and 3 Series models only. To order the dust caps with a caster, specify "DC1" standard;

"DC2" Dust Cap w/grease seal and zerk. **Dust caps are not field installable.**





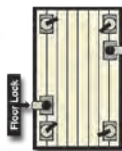
Top Plate Dimensions



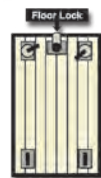
Features

- Heavy duty industrial strength construction
- Durable, high-compression spring for heavy loads
- Foot pedal easily activates lock with foot pressure
- Conveniently located release bar retracts brake instantly with slight toe pressure to either side of the bar
- Non-slip, non-skid rubber brake pad holds securely on smooth or irregular floor. Designed for use on level surfaces.
- Attractive zinc plated finish

Floor Lock Brake Installation



Recommended Floor Lock mounting position using four swivel casters.



Recommended Floor Lock mounting position using two swivel and two rigid casters.

Colson Floor Lock Brakes are designed for use on level surfaces and are not recommended for use on inclined surfaces. It is important to select a floor lock model that clears the floor when retracted. To adapt a floor lock brake to your present equipment, select a model with an extended height 1/16" to 1/4" greater than the overall height of the caster.

Floor Lock Specifications

2 1/2" x 3 5/8" TOP PLATE MODELS (2 & 3 Series Casters)

MODEL NO.	9.06002.03	9.06253.04	9.06002.05
Extended Height A	4 ¹⁵ / ₁₆ "	5 ¹⁷ / ₃₂ "	6 ⁷ / ₃₂ "
Retracted Height B	3 ⁷ / ₈ "	4 ¹ / ₂ "	5 ¹¹ / ₆₄ "
Top Plate Size	2 1/2" x 3 5/8"		
Bolt Hole Spacing	1 3/4" x 2 7/8" to 3"		
Bolt Hole Size	5/16" Slotted		
Weight	2 3/4 lbs.	2 3/4 lbs.	2 3/4 lbs.
Used with Caster Fork Model Numbers	2.03208 2.03256 3.00308 3.00317	2.04208 2.04256 3.00408 3.00417	2.05008 2.05256

4" x 4 1/2" TOP PLATE MODELS (3, 4 & 6 Series Casters)

9.06045.04	9.06253.05	9.06045.06	9.06025.08
5 ⁷ / ₈ "	6 ⁴³ / ₆₄ "	7 ¹ / ₄ "	9 ²³ / ₃₂ "
4 ¹⁵ / ₁₆ "	5 ³⁵ / ₆₄ "	6 ²¹ / ₃₂ "	8 ⁵ / ₈ "
4" x 4 1/2"			
3" x 3" to 2 5/8" x 3 5/8"			
3/8" Slotted			
3 1/2 lbs.	4 1/2 lbs.	4 1/2 lbs.	4 3/4 lbs.
4.04108	3.00508	3.00608	4.08198
4.04109	3.00517	3.00617	4.08199
4.04408	4.05108	4.06108	4.08499
4.04409	4.05109	4.06109	4.08299
4.04189	4.05408	4.06408	4.08189
6.04208	4.05409	4.06409	6.08258
6.04209	4.05189	4.06189	6.08259
6.04279	6.05208	6.06208	6.08298
	6.05209	6.06209	6.08299
	6.05279	6.06258	
		6.06259	
		6.06299	



Easy to engage.



Easy to disengage.

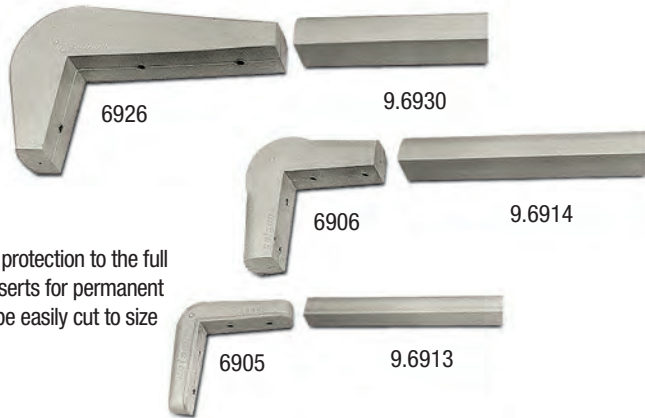
Floor Lock Replacement Pad
34013.26

Bumpers

Corner / Continuous Bumpers

Grey corner bumpers with matching strip bumpers provide 100% protection to the full perimeter of equipment. Strip bumpers are made with flat steel inserts for permanent attachment. Inserts in strip bumpers are not predrilled. They can be easily cut to size with a hacksaw and drilled as needed.

Temperature Range: -45°F to 180°F.



Model Number	Steel Inserts	Length		Width	Thickness	Mounting Holes
		Long Side	Short Side			
06926	Insert Pre-drilled	6 ³ / ₁₆ "	3 ¹ / ₁₆ "	1 ¹ / ₂ "	1 ¹ / ₈ "-1 ³ / ₄ "	2(¹⁷ / ₆₄ " in 6" side 1(¹⁷ / ₆₄ " in 3" side
9.6930*	Insert	Specify (16 ft. max., 1ft. inc.)		1 ¹ / ₂ "	1"	—
66930	No Insert	Specify (50 ft inc.)		1 ¹ / ₂ "	1"	—
06906	Insert	2 ⁵ / ₈ " each side		1 ¹ / ₈ "	1"	2(¹³ / ₆₄ " each side
9.6914*	Insert	Specify (16 ft. max. 1ft. inc.)		1 ¹ / ₈ "	1"	—
66914	No Insert	Specify (50 ft inc.)		1 ¹ / ₈ "	1"	—
06905	Insert Pre-drilled	2 ¹ / ₂ " each side		3/4"	3/4"	2(1/8)" each side
9.6913*	Insert	Specify (20 ft. max. 1ft. inc.)		3/4"	5/8"	—
66913	No insert	Specify (50 ft inc.)		3/4"	5/8"	—

*Strip bumper with insert available in 10, 12, 16 and 20 ft. pre-cut lengths. Consult factory.

End Bumpers

Generally used on the ends of tubular handles. Available in 3¹/₄" and 1³/₄" diameters. Easily attached, they are soft enough to absorb noise and shock but hard enough to wear for years.

Model Number	Dia.	Hole Dia.	Thickness
06901	3 ¹ / ₄ "	1 ¹ / ₃₂ "	7/8"
06901.01	1 ³ / ₄ "	9/32"	1/2"



Corner Bumpers

A heavy duty bumper with an extra rounded build-up on the apex of the corner where shocks and wear are greatest. Ends are tapered and rounded. Each side is 3" long and 1¹/₈" wide at the base.

Model Number	Thickness at Corner	Thickness at Ends	Mounting Holes
06927	1 ⁵ / ₁₆ "	1"	2 (3/16") on each side



CC

ALSO

Replacement Parts



Roller Bearing

Wheel Series	Part Number	Bearing I.D. X O.D. X Length (INCHES)
2 SERIES 2.00002.319, 2.00003.309	52007.93	5/8 X 1 1/16 X 1 1/4
3 and 4 SERIES (1 1/2" Tread Width) 1 1/2" Tread Width Wheels With 1 5/8" Hub Length	55000.05	3/4 X 1 3/16 X 1 7/16
4 and 5 SERIES Plastic Cage 2" Tread Width Wheels With 2 3/16" Hub Length	55000.23	3/4 X 1 3/16 X 1 7/8
4 and 5 SERIES Metal Cage 2" Tread Width Wheels With 2 3/16" Hub Length	32084.30	3/4 X 1 3/16 X 1 7/8
4 and 5 SERIES Stainless Steel Cage 2" Tread Width Wheels With 2 3/16" Hub Length	32086.31	3/4 X 1 3/16 X 1 7/8
6 SERIES 2 1/2" Tread Width Wheels With 2 3/4" Hub Length	55000.06	3/4 X 1 3/16 X 2 1/2



Delrin Bearing

Wheel Series	Part Number
2 SERIES	52008.48 (2 required)
3, 4, 5 SERIES	58037.15 (2 required)—White
5 SERIES 2" Tread Width Wheels With 2 3/16" Hub Length	58037.07 (1-piece)



Pedestal Precision Ball Bearing

Wheel Series	Part Number	Bearing I.D. X O.D. X Length (INCHES)
3 Series 1 1/2" Tread Width Wheels with 1 5/8" Hub Length Less Bearing	57703.13	3/8 X 1 3/16 X 1 5/16
4 Series 1 1/2" Tread Width Wheels with 1 5/8" Hub Length Less Bearing	57703.12	1/2 X 1 3/16 X 1 5/16
5 Series 2" Tread Width Wheels with 2 3/16" Hub Length Less Bearing	57703.11	1/2 X 1 3/16 X 1 1/4
5 Series Stainless Steel 2" Tread Width Wheels with 2 3/16" Hub Length Less Bearing	57703.14	1/2 X 1 3/16 X 1 1/4



Precision Ball Bearing for Hand Truck

Wheel Series	Part Number	Bearing I.D. X O.D. X Length (INCHES)
5 Series Hand Truck Wheels All 8" x 2" Wheels with 1 3/4" & 2" Hub Length Less Bearing	57703.16 57703.15	3/4 X 1 3/8 X 7/16 5/8 X 1 3/8 X 7/16
4 Series Hand Truck Wheels All 8" x 1 1/2" Wheels with 1 1/2" & 1 5/8" Hub Length Less Bearing	57703.16 57703.15	3/4 X 1 3/8 X 7/16 5/8 X 1 3/8 X 7/16



Bronze Bearing

Wheel Series	Part Number
5 Series Wheels 2" Tread Width Wheels with 1 3/16" bore less bearing and 2 3/16" Hub Length Less Bearing	52014.96

Note I.D. is 3/4". Bronze bearings use standard 5 Series Spanner Bushing (52000.08).



Torrington-Style Roller Bearing

Wheel Series	Part Number
5 Series 2" Tread Width Wheels with 2 3/16" Hub Length	55000.22

Replacement Parts

Axle Kits



CASTER SERIES	PART NUMBER	AXLE DIA. X LENGTH (INCHES)
1 SERIES (145 lb cap.)/Less Brake	05954.36	5/16 X 1 1/2
1 SERIES (145 lb cap.)/With Brake	05954.07	5/16 X 1 5/8
2 SERIES/Less Brake	05954.12	3/8 X 2 3/32
2 SERIES/With Zerk Axle and Total Lock Brake	05954.64	3/8 X 2 3/16
2 SERIES/With Zerk Axle Less Brake	05954.69	3/8 X 2 3/32
3 SERIES/Less Brake	05225.52	3/8 X 2 1/2
3 SERIES/With Zerk Axle	05954.65	3/8 X 2 1/2
3 SERIES/With Brake	05954.63	3/8 X 2 3/4
4 SERIES/2 1/2" Leg Spacing	05953.76	1/2 X 3 3/8
4 SERIES/With Metal Brake	05944.20	1/2 X 3 3/16
4 SERIES/With TECH-LOCK® Brake	05944.20	1/2 X 3 3/16
4 Series Stainless Steel	05214.22	1/2 X 3 3/8
4 Series Stainless Steel/With Brake	05214.23	1/2 X 3 5/8
6 SERIES/2 1/2" Leg Spacing	05953.76	1/2 X 3 3/8
6 SERIES/2 1/2" Leg Spacing With Brake	05944.20	1/2 X 3 3/16
6 SERIES/3" Leg Spacing	05954.44	1/2 X 4

Retainer Washers



Note O.D. is smaller than Thrust Washer, but I.D. the same



Combination seal(thrust)/retainer

WHEEL SERIES	PART #	I.D. X O.D. X THICKNESS (INCHES)	TO BE USED WITH ROLLER BEARING NO.
2 SERIES	52008.61	2 1/32 X 1 1/16 X 3/32	52007.93
3 & 4 SERIES	50116.03 (Combination seal/retainer)	3/4 X 1 1/2 X 3/16	55000.05
5 SERIES	50116.03 (Combination seal/retainer)	3/4 X 1 1/2 X 7/32	55000.23
6 SERIES	50116.03 (Plastic)	3/4 X 1 1/2 X 3/16	55000.06
6 SERIES	30116.02 (Powdered Metal)	3/4 X 1 1/2 X 3/16	55000.06
3,4,5,6 SERIES	52006.79 (Metal)	3/4 X 1 3/16 X 1/8	All Roller

Floor Lock Replacement Pad



MODEL #: 34013.26 / 79479

Spanner Bushings



WHEEL SERIES	PART NUMBER	SPANNER BUSHING I.D. X O.D. X LENGTH (INCHES)
1 SERIES .441 & .53 Wheels	58020.04	5/16 X 7/16 X 1 7/64
2 SERIES 12 Wheels .309, .319 Wheels All Delrin Bearing Wheels Stainless Steel – All Delrin Wheels	57442 57206 52008.43 52014.53	3/8 X 5/8 X 1 1/2 3/8 X 5/8 X 1 17/32 3/8 X 1/2 X 1 1/2 3/8 X 1/2 X 1 1/2
3 SERIES All Roller and Delrin Bearing Wheels 1 5/8" Hub Length Wheels	55000.17 55000.18	3/8 X 3/4 X 1 7/8 5/8 X 3/4 X 1 7/8
4, 5, 6 SERIES 1 1/2" tread width Roller and Delrin Wheels 2" tread width Roller and Delrin Wheels 2" tread width Roller and Delrin Wheels Stainless Steel 2" tread width Roller and Delrin Wheels	55000.04 52000.08 55000.19 52014.95	1/2 X 3/4 X 1 7/8 1/2 X 3/4 X 2 1/16 5/8 X 3/4 X 2 1/16 1/2 X 3/4 X 2 1/8
6 SERIES All Roller Bearing Wheels with 2 3/4" Hub Length	55000.27	1/2 X 3/4 X 3

Thrust Washers

Note O.D. is larger than retainer washer, but I.D. the same



WHEEL MODELS	PART NUMBER	THRUST WASHER I.D. X O.D. X THICKNESS (INCHES)
4 SERIES (1 1/2" Tread Width) All Sealed 1 1/2" Tread Width Roller Bearing Wheels	50116.03	3/4 X 1 1/2 X 3/16
4, 5, 6 SERIES All Roller Bearing Wheels	50116.03	3/4 X 1 1/2 X 3/16
4, 5, 6 SERIES All Roller Bearing and Plain Bore Wheels	52000.09	2 5/32 X 1 1/2 X 3/32
4 SERIES 1 1/2" TREAD WHEELS Spacer to be used with 2 1/2" Forks	57030.66	3/4 X 1 1/16 X 9/32
4 SERIES 1 1/2" TREAD WHEELS Spacer to be used with 2 1/2" Forks with PPBB	57030.58	1/2 X 3/4 X 9/32
4, 5, 6 SERIES Spacer to be used with 2 1/2" Forks in High Temp Applications	57030.71	2 5/32 X 1 1/16 X 9/32
6 SERIES All Roller Bearing Wheels with 2 3/4" Hub Length	50116.03	3/4 X 1 1/2 X 3/16

Defender D4 Stainless Steel Series Components

Swivel and Rigid Rigs



Wheel Dia.	Tread Width	*Load Capacity (lbs)	Mount Height	Swivel Caster Part #	Rigid Caster Part #
4"	2"	1250	5-5/8"	D4.04109SS	D4.04108SS
5"	2"	1250	6-1/2"	D4.05109SS	D4.05108SS
6"	2"	1250	7-1/2"	D4.06109SS	D4.06108SS
8"	2"	1250	9-1/2"	D4.08199SS	D4.08198SS



Total Lock Rigs

Wheel Dia.	Tread Width	*Load Capacity (lbs)	Mount Height	Part #
4"	2"	1250	5-5/8"	D4.04149SS BRK4
5"	2"	1250	6-1/2"	D4.05149SS BRK4
6"	2"	1250	7-1/2"	D4.06149SS BRK4
8"	2"	1250	9-1/2"	D4.08149SS BRK4

Brake Kits

All brake kits include axle, nut and necessary hardware to install on casters.

Top Lock (BRK7)

Only works with swivel casters.



Model #	Description
DEFTBK4X2SS	4" models
DEFTBK5X2SS	5" models
DEFTBK6X2SS	6" models
DEFTBK8X2SS	8" models

Side Lock (BRK3)

Only works with swivel and rigid roller bearing models. Fits all caster sizes.



Model #	Description
DEFCAMXX2SS	Comes with custom spanner bushing (roller bearing required)

Swivel Locks

Choice of hand operated or foot operated swivel locks.

Hand Operated Swivel Locks



SWVLOCKX2SS
For welded version, please consult factory.



Foot Operated Swivel Locks



05213.67

Hardware (All hardware parts sold per piece, not sets)

Axles, nuts and bushings



Stainless Steel Axle (Zerk)
1/2-13x3.75

AXLEZRKEX2SS



Stainless Steel Solid Axle
1/2-13x3.75

AXLESLDEX2SS



Stainless Steel Nut
1/2-13

AXLENUTEX2SS



Stainless Steel Spanner Bushing
1/2 X 3/4 X 2-7/16

SPANNEREX2SS

Washers



Stainless Steel Retaining Washer
RETAINEREX2SS



Stainless Steel Thrust Washer
THRUSTEX2SS

Bearings



Stainless Steel Roller Bearing

Temperature Rating:
350°F

3/4 I.D. (Use With Bushing For 1/2 I.D.)

BRGCROLLEX2SS



Bronze Bearing

Temperature Rating:
525°F

BRGBRZEX2



Stainless Steel Pedestal Precision Ball Bearing

Temperature Rating:
250°F

BRGPBALLEX2SS



High Temperature Stainless Steel Pedestal Precision Ball Bearing

Temperature Rating:
480°F continuous

BRGPBALLEX2SSHT



Flanged Delrin® Bearing

Temperature Rating:
160°F

3/4 I.D. (Use With Spanner For 1/2 I.D.)

BRGDELRNEX2



Flanged High Temperature Nylon Bearing

Temperature Rating:
350°F

3/4 I.D. (Use With Spanner For 1/2 I.D.)

BRGNYLONEX2HT

Raceway Seals



Upper and lower seals available on swivel and total lock caster models with exception of swivel locks.

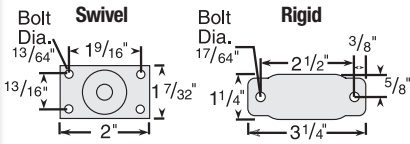


Fork Type	Temperature Rating	Upper Part #	Lower Part #
Swivel	+140°F	51000.77	51001.76
	+450°F	51000.77HT	51001.76HT
Total Lock	+140°F	618836	618837

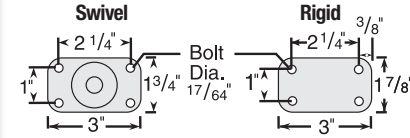
Top Plate Mountings

1 Series

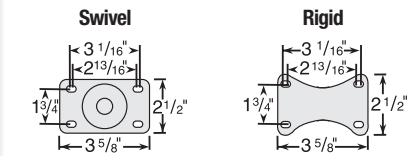
Up to 75 lbs Capacity
Small Top Plate



Up to 75 lbs Capacity
Top Plate



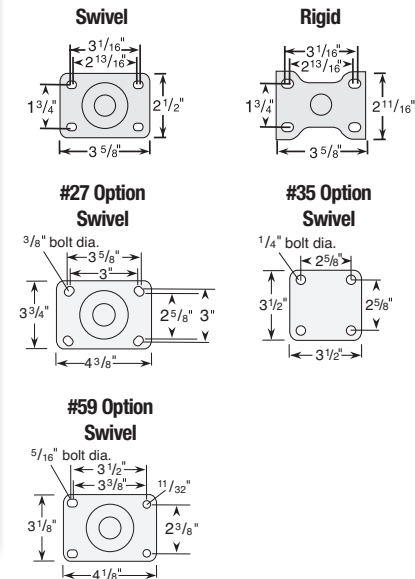
Up to 145 lbs Capacity
Large Top Plate



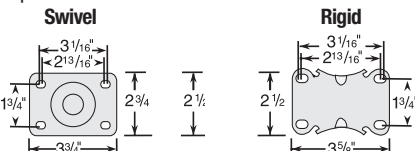
2 Series

Zinc Plated

Up to 325 lbs Capacity
Standard Top Plate



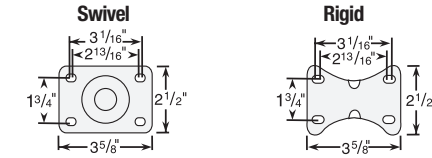
LoPro
Up to 210 lbs Capacity
Top Plate



2 Series (Continued)

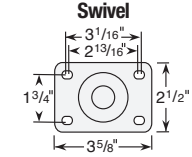
Stainless Steel

Up to 325 lbs Capacity



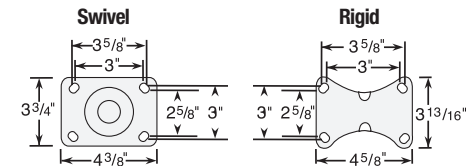
Stainless Steel Precision

Up to 300 lbs Capacity



3 Series

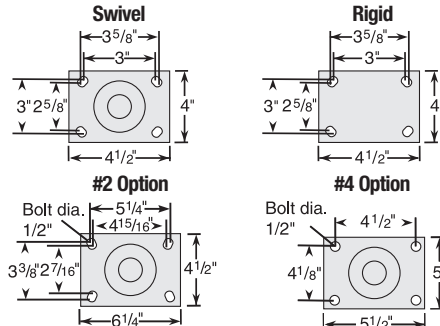
Up to 800 lbs Capacity



4 Series

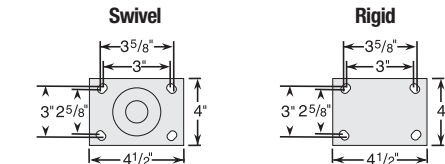
Zinc Plated

Up to 1,250 lbs Capacity
(1 1/2" and 2" tread widths)



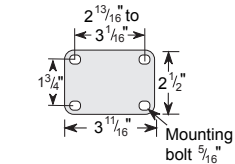
D4 Stainless Steel

Up to 1,250 lbs Capacity

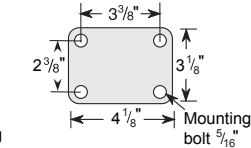


Business Machine

500 lb Capacity

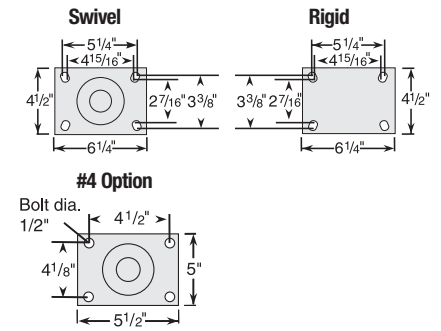


700 lb and 1,200 lb Capacity



6 Series

Up to 1,500 lbs Capacity

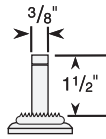


Stem Mountings

Wood Furniture

1 Series

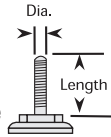
For use on wood furniture that can accept a 3/8" diameter hole approximately 1-5/8" deep. Stem size: 5/16" diameter x 1 1/2" long. Standard No. 20 pressed steel adapter (Part #50011) with toothed base is supplied.



Threaded Stem

1 Series

1 series up to 145 lbs and 2 Series models feature a hex nut beneath the raceway making it fast and easy to install casters on a wide variety of equipment.



Standard Mounting (Up to 75lbs model):

3/8" diameter-16UNC x 1 1/4" long threaded 1 1/8".

MTG51: 3/8" diameter - 24NF x 1 1/16" long

To order optional mounting, add mounting code to Stem Caster Models number (Example: 1.01654.441 MTG51).

Standard Mounting (Up to 145lbs model):

3/8" diameter - 16UNC x 1 1/2" long threaded 1 3/8".

2 Series

Standard Mounting (no code necessary):

1/2" diameter - 13UNC x 1 1/2" long, threaded 1 3/8".

MTG10: 1/2" 13UNC x 3/4" long threaded

MTG11: 1/2" 13UNC x 1" long threaded

MTG12: 1/2" 20UNF x 3/4" long threaded

MTG13: 5/8" 11UNC x 1 3/4" long threaded

MTG14: 5/8" 18UNF x 1 3/4" long threaded

MTG15: 3/4" 10UNC x 1 3/4" long threaded

MTG16: 5/8" 11UNC x 1 1/8" long threaded

MTG18: 5/8" 18 X 3.5" long threaded

MTG19: 1/2" 13UNC x 2.75" long threaded

MTG24: 3/4" 10UNC x 2.250" long threaded Zinc

MTG25: 5/8" 11UNC x 2 1/2" W/FLTS long threaded

MTG26: 3/4" 10UNC x 1" long threaded

MTG28: 1/2" 13UNC x 2.0" long threaded

MTG36: M14-2.00 x 1.50 long threaded

MTG37: 1/2" 13UNC X 1.75" long threaded

MTG38: M12 1.75 x2" long threaded

MTG39: 7/16" 14UNC x 1.63" long threaded

MTG48: 1 1/4" UNC x 2" threaded to bottom

MTG49: 1 1/4" 12UNF x 2.56" hex top long threaded

MTG50: 1/2" 20UNF x 1 1/2" long threaded

MTG90: 3/8" 16UNF x 2" long threaded

To order optional mounting, add mounting code to Stem Caster Models number (Example: 2.02254.441 MTG10).

Pipe Thread

2 Series

Standard Mounting (no code necessary):

3/4" 14NPT x .62" w/ 7/16" hex mount to fit on standard 3/4" pipe. Stem Size: approximately 1 1/16".

MTG23: 1 1/4" x 7/8" w/1.0" hex



Expanding Adapter

1 Series & 2 Series

Turning of octagon on upper raceway expands rubber adapter inside of round or square tubing for a tight, permanent fit.



Inside Diameter of Tube	Mounting Code Numbers	
	Round Tubing	Square Tubing
3/4" - 13/16"	MTG40	-
7/8" - 15/16"	MTG41	MTG51
1" - 1 1/16"	MTG42	MTG52
1 1/8" - 1 3/16"	MTG43	MTG53
1 1/4" - 1 5/16"	MTG44	MTG54
1 3/8" - 1 7/16"	MTG45	MTG55
1 1/2" - 1 9/16"	MTG46	-
1 5/8" - 1 11/16"	MTG47	-

Same stem specification for 1 and 2 series. To order add the mounting code to Stem Caster Models number (Example: 1.03367.91 MTG40).

Note: To order Expanding Adapter Stem Kit only, add mounting code after 05502.40 (Example: 05502.40 MTG40).

Square Stems or (Octagon)

1 Series

Stems may be bolted or riveted against any flat vertical surface.

Standard Mounting (no code necessary):

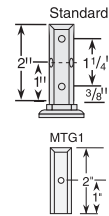
2" long x 3/4" square with 3 mounting holes 17/64" diameter.

MTG1: Optional Square Stem:

2" long x 7/8" square with 1 mounting hole 17/64" diameter.

To order optional mounting, add mounting code to Stem Caster Models number

(Example: 1.03370.91 MTG1).



2 Series

Standard Mounting (no code necessary):

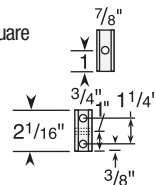
2 1/16" long x 3/4" square with 3 mounting holes 17/64" diameter.

MTG1: Square Stem 2 1/16" long x 7/8" square

with 1 mounting hole 17/64" diameter.

MTG3: Octagon Stem 2 1/16" long x 3/4"

octagon with 3 mounting holes 17/64" diameter.



MTG1: 7/8" dia square stem 2 1/16"

long x w/1 mounting hole 17/64" diameter.

MTG3: 3/4" dia. octagon stem 2 1/16" long x w/3 mounting holes

17/64" diameter.

MTG30: 1.36" x 2.19: (2 grip rings)

MTG60: 3/4" octagon x 2 w/3 holes

MTG66: .858" x 2.06 w/2 holes

MTG67: .858" x 2.00" w/1 hole

MTG57: 7/8" dia. x 2 1/2" long (2 15/16" dia holes)

MTG58: 7/8" x 2 1/2" long (3 15/64" dia. holes)

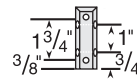
To order optional mounting, add mounting code to Swivel Stem Caster Models number (Example: 2.02270.441 MTG1).

3 Series

Square Stems

Standard Mounting (no code necessary):

Four 17/64" diameter holes are drilled in square stem, two per side. 2 1/2" long x 7/8" square.



Round Stems

MTG7: 2 1/2" long x 3/4" diameter

MTG9: 2 1/2" long x 7/8" diameter

MTG11: 2 1/2" long x 1" diameter

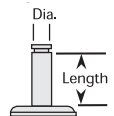
To order with optional round stem, add mounting code to Stem Caster Model number (Example: 3.00314.449 MTG7).



Grip Ring

1 Series

Spring grip on top of stem holds caster firmly in place.



Standard Mounting (Up to 75lbs model):

7/16" x 1 29/32" long with grip ring.

MTG1: 3/8" x 1 9/16" long

MTG2: 7/16" x 1 9/16" long

MTG50: 7/16" x 1" long

MTG51: 7/16" x 1 29/32" long less grip ring

MTG57: 1/4" x 4 1/2" (ladder caster stem)

Standard 1/2" Mounting (Up to 145lbs model):

7/16" x 1 29/32" long with grip ring, no plastic adapter.

MTG2: 7/16" x 1 1/2" long

MTG51: 7/16" x 1 29/32" long less grip ring

To order optional mounting, add mounting code to Stem Caster Models number

(Example: 1.03367.91 MTG51).

Plastic Adapter

Available on 1 Series Up to 145lbs models only. Snaps easily in place to reduce distortion and damage to furniture and equipment tubing.



Plastic adapters are non-conductive. To order, add plastic adapter mounting code from below to Stem Caster Model Number (Example 1.03351.91 MTG53).

MTG53: (No. 50810): Fits 7/8" x 18 ga. wall round tubing or any I.D. from 3/4" to 51/64".

MTG55: (No. 50865): Fits 1" x 14 ga. wall round tubing or any I.D. from 53/64" to 55/64".

MTG56: (No. 50916): Fits 1" x 16 ga. wall round tubing or any I.D. from 57/64" to 29/32".

2 Series

Standard Mounting (no code necessary):

2 3/16" long with 5/8" dia.

MTG5: 2 3/16" x 3/4" (.750" - 1 Grip Ring)

MTG6: 2 3/16" x 13/16" (.812" - 1 Grip Ring)

MTG7: 2 3/16" x 27/32" (.845" - 1 Grip Ring)

MTG8: 2 3/16" x 7/8" (.865" - 1 Grip Ring)

MTG9: 2 3/16" x 1" (1.00" - 1 Grip Ring)

MTG61: 2 3/16" x 7/8" (.865" - 2 Groove)

MTG62: 2 3/16" x 17/32" (.845" - 2 Groove)

MTG69: 2 3/16" x 27/32" (.865" SQ Stem)

To order optional mounting, add mounting code to Stem Caster Models number (Example: 2.02251.441 MTG2).

Modular Stem

2 Series

Colson modular stem casters feature a 1/2" hollow rivet which will accept a wide variety of mounting stems (even a standard 1/2" bolt will work).

You can supply the mounting fasteners or stems - we supply the casters.



Wheel / Thread Guard Availability Chart

Wheel Model Number	Mounting Code/Description	Thread Guard Number
Performa (Flat/Grey)		
1.00003.441	TG1: metal	57852.03
2.00003.441	TG1: metal TG2: plastic	57854.01 57852.39
2.00003.445	TG1: metal TG2: plastic	57854.01 57852.39
2.00004.441	TG1: metal	57854.01
2.00004.445	TG1: metal	57854.01
2.00005.441	TG1: metal TG2: plastic	57866.03 57852.43
2.00005.445	TG1: metal TG2: plastic	57866.03 57852.43
5.00005.451	TG1: metal TG2: plastic	57852.35 57852.34
5.00005.459	TG1: metal TG2: plastic	57852.35 57852.34
5.00005.455	TG1: metal	57852.35
5.00006.451	TG1: metal TG2: plastic	59042.07 57852.29
5.00006.459	TG1: metal TG2: plastic	59042.07 57852.29
5.00006.455	TG1: metal TG2: plastic	59042.07 57852.29
5.00008.451	TG1: metal TG2: plastic	57852.04 57852.30
5.00008.459	TG1: metal TG2: plastic	57852.04 57852.30
5.00008.455	TG1: metal TG2: plastic	57852.04 57852.30

Wheel Model Number	Mounting Code/Description	Thread Guard Number
Performa (Round/Grey)		
2.00005.561	TG1: metal	57854.01
5.00005.555	TG1: metal TG2: plastic	57852.35 57852.34
5.00005.551	TG1: metal TG2: plastic	57852.35 57852.34
5.00005.559	TG1: metal TG2: plastic	57852.35 57852.34
5.00006.551	TG1: metal TG2: plastic	59042.07 57852.29
5.00006.559	TG1: metal TG2: plastic	59042.07 57852.29
5.00006.555	TG1: metal TG2: plastic	59042.07 57852.29
5.00008.551	TG1: metal TG2: plastic	57852.04 57852.30
5.00008.559	TG1: metal TG2: plastic	57852.04 57852.30
5.00008.555	TG1: metal TG2: plastic	57852.04 57852.30

Wheel Model Number	Mounting Code/Description	Thread Guard Number
Performa (Flat/Black)		
5.00005.451.2	TG1: metal TG2: plastic	57852.35 57852.34
5.00005.459.2	TG1: metal TG2: plastic	57852.35 57852.34
5.00005.455.2	TG1: metal	57852.35
5.00006.451.2	TG1: metal TG2: plastic	59042.07 57852.29
5.00006.459.2	TG1: metal TG2: plastic	59042.07 57852.29
5.00006.455.2	TG1: metal TG2: plastic	59042.07 57852.29
5.00008.451.2	TG1: metal TG2: plastic	57852.04 57852.30
5.00008.459.2	TG1: metal TG2: plastic	57852.04 57852.30
5.00008.455.2	TG1: metal TG2: plastic	57852.04 57852.30

Wheel Model Number	Mounting Code/Description	Thread Guard Number
Polyurethane HI-TECH Wheels		
1.00003.91	TG1: metal	57852.03
2.00002.91	TG1: metal	57852
2.00002.95	TG1: metal	57852
2.00003.91	TG1: metal	57854.01
2.00003.95	TG1: metal	57854.01
2.00004.91	TG1: metal	57854.01
2.00004.95	TG1: metal TG2: plastic	57854.01 57866.03
2.00005.91	TG2: plastic	57852.43
2.00005.95	TG1: metal TG2: plastic	57866.03 57852.43
3.00004.909	TG1: metal	57852.22
3.00006.901	TG1: metal	57852.08
4.00004.911	TG1: metal	57852.23
4.00004.919	TG1: metal	57852.23
4.00005.911	TG1: metal	57852.11
4.00005.919	TG1: metal	57852.11
4.00006.911	TG1: metal	52001.86
4.00006.919	TG1: metal	52001.86
4.00008.911	TG1: metal	57852.05
4.00008.919	TG1: metal	57852.05
5.00005.921	TG1: metal TG2: plastic	57852.35 57852.34
5.00005.929	TG1: metal TG2: plastic	57852.35 57852.34
5.00006.921	TG1: metal TG2: plastic	59042.07 57852.29
5.00006.929	TG1: metal TG2: plastic	59042.07 57852.29
5.00008.921	TG1: metal TG2: plastic	57852.04 57852.30
5.00008.929	TG1: metal TG2: plastic	57852.04 57852.30

Wheel Model Number	Mounting Code/Description	Thread Guard Number
Maxim		
5.00005.531	TG1: metal	57852.45
5.00005.539	TG1: metal	57852.45
5.00006.531	TG1: metal	57852.46
5.00006.539	TG1: metal	57852.46

Wheel Model Number	Mounting Code/Description	Thread Guard Number
Moldon Polyurethane Aluminum Core		
5.00005.931	TG1: metal	57866.01
5.00005.939	TG1: metal	57866.01
5.00006.931	TG1: metal	57551.05
5.00006.939	TG1: metal	57551.05
5.00008.931	TG1: metal	57852.20
5.00008.939	TG1: metal	57852.20

Wheel Model Number	Mounting Code/Description	Thread Guard Number
Polyolefin Wheels		
1.00003.53	TG1: metal	57852.03
2.00002.53	TG1: metal	57852
2.00002.55	TG1: metal	57852
2.00003.53	TG1: metal	57854.01
2.00003.55	TG1: metal	57854.01
2.00004.53	TG1: metal	57854.01
2.00004.55	TG1: metal	57854.01
2.00005.53	TG1: metal TG2: plastic	57866.03 57852.43
2.00005.55	TG1: metal TG2: plastic	57866.03 57852.43
3.00003.801	TG1: metal	52250.62
3.00003.809	TG1: metal	52250.62
3.00004.801	TG1: metal	57852.06
3.00004.809	TG1: metal	57852.06
3.00005.801	TG1: metal	57866
3.00005.809	TG1: metal	57866
3.00006.801	TG1: metal	52250.56
3.00006.809	TG1: metal	52250.56
4.00003.811	TG1: metal	57852.12
4.00003.819	TG1: metal	57852.12
4.00004.811	TG1: metal	57852.07
4.00004.819	TG1: metal	57852.07
4.00005.811	TG1: metal	57866.01
4.00005.819	TG1: metal	57866.01
4.00006.811	TG1: metal	57551.05
4.00006.819	TG1: metal	57551.05
5.00004.831	TG1: metal	57852.07
5.00004.839	TG1: metal	57852.07
5.00005.831	TG1: metal	57866.01
5.00005.839	TG1: metal	57866.01
5.00006.831	TG1: metal	57551.05
5.00006.839	TG1: metal	57551.05
5.00008.831	TG1: metal	57852.20
5.00008.839	TG1: metal	57852.20
Endura Wheels		
5.00004.831 EN	TG1: metal	57852.07
5.00004.839 EN	TG1: metal	57852.07
5.00004.835 EN	TG1: metal	57852.07
5.00005.831 EN	TG1: metal	52007.94
5.00005.839 EN	TG1: metal	52007.94
5.00005.835 EN	TG1: metal	52007.94
5.00006.831 EN	TG1: metal	57551.05
5.00006.839 EN	TG1: metal	57551.05
5.00006.835 EN	TG1: metal	57551.05
5.00008.831 EN	TG1: metal	57852.20
5.00008.839 EN	TG1: metal	57852.20
5.00008.835 EN	TG1: metal	57852.20

Wheel Model Number	Mounting Code/Description	Thread Guard Number
Phenolic Wheels		
3.00004.301	TG1: metal	57852.10
3.00004.305	TG1: metal	57852.10
3.00004.309	TG1: metal	57852.10
3.00005.301	TG1: metal	57852.08
3.00005.305	TG1: metal	57852.08
3.00005.309	TG1: metal	57852.08
3.00006.301	TG1: metal	52250.56
3.00006.305	TG1: metal	52250.56
3.00006.309	TG1: metal	52250.56
4.00004.311	TG1: metal	57852.11
4.00004.315	TG1: metal	57852.11
4.00004.319	TG1: metal	57852.11
4.00005.311	TG1: metal	52001.86
4.00005.315	TG1: metal	52001.86
4.00005.319	TG1: metal	52001.86
4.00006.311	TG1: metal	57551.05
4.00006.315	TG1: metal	57551.05
4.00006.319	TG1: metal	57551.05
5.00004.331	TG1: metal	59042.06
5.00004.339	TG1: metal	59042.06
5.00005.331	TG1: metal	52007.94
5.00005.339	TG1: metal	52007.94
5.00006.331	TG1: metal	52001.86
5.00006.339	TG1: metal	52001.86
5.00008.331	TG1: metal	57852.05
5.00008.339	TG1: metal	57852.05

Wheel Model Number	Mounting Code/Description	Thread Guard Number
Cast Iron Wheels		
2.00002.12	TG1: metal	57854.01
2.00005.12	TG1: metal	57551.02
3.00003.101	TG1: metal	52250.62
3.00003.109	TG1: metal	52250.62
3.00005.101	TG1: metal	52250.56
3.00005.109	TG1: metal	52250.56
3.00006.101	TG1: metal	57852.16
4.00003.111	TG1: metal	57852.12
4.00003.119	TG1: metal	57852.12
4.00004.111	TG1: metal	52007.94
4.00004.119	TG1: metal	52007.94
4.00005.111	TG1: metal	57551.05
4.00005.119	TG1: metal	57551.05
4.00006.111	TG1: metal	57852.04
4.00006.119	TG1: metal	57852.04
5.00004.131	TG1: metal	52007.94
5.00004.139	TG1: metal	52007.94
5.00005.131	TG1: metal	57551.05
5.00005.139	TG1: metal	57551.05

Wheel Model Number	Mounting Code/Description	Thread Guard Number
V-Groove Wheels		
5.00004.731	TG1: metal	57852.07
5.00004.739	TG1: metal	57852.07

Conversion Chart

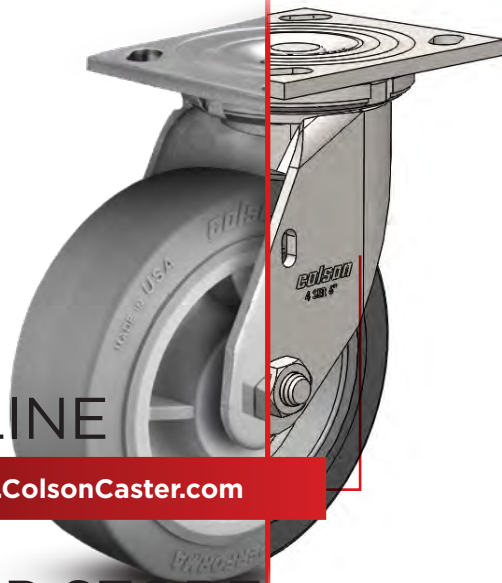


INCHES	INCHES DECIMAL	MILLIMETERS
1/64	.0156	0.397
1/32	.0313	0.794
3/64	.0469	1.191
1/16	.0625	1.588
5/64	.0781	1.984
3/32	.0938	2.381
7/64	.1094	2.778
1/8	.1250	3.175
9/64	.1406	3.572
5/32	.1563	3.969
11/64	.1719	4.366
3/16	.1875	4.763
13/64	.2031	5.159
7/32	.2188	5.556
15/64	.2344	5.953
1/4	.2500	6.350
17/64	.2656	6.747
9/32	.2813	7.144
19/64	.2969	7.541
5/16	.3125	7.938
21/64	.3281	8.334
11/32	.3438	8.731
23/64	.3594	9.128
3/8	.3750	9.525
25/64	.3906	9.922
13/32	.4063	10.319
27/64	.4219	10.716
7/16	.4375	11.113
29/64	.4531	11.509
15/32	.4688	11.906
31/64	.4844	12.303
1/2	.5000	12.700
33/64	.5156	13.097
17/32	.5313	13.494
35/64	.5469	13.891
9/16	.5625	14.288
37/64	.5781	14.684
19/32	.5938	15.081
39/64	.6094	15.478
5/8	.6250	15.875

INCHES	INCHES DECIMAL	MILLIMETERS
41/64	.6406	16.272
21/32	.6563	16.669
43/64	.6719	17.066
11/16	.6875	17.463
45/64	.7031	17.859
23/32	.7188	18.256
47/64	.7344	18.653
3/4	.7500	19.050
49/64	.7656	19.447
25/32	.7813	19.844
51/64	.7969	20.241
13/16	.8125	20.638
53/64	.8281	21.034
27/32	.8438	21.431
55/64	.8594	21.828
7/8	.8750	22.225
57/64	.8906	22.622
29/32	.9063	23.019
59/64	.9219	23.416
15/16	.9375	23.813
61/64	.9531	24.209
31/32	.9688	24.606
63/64	.9844	25.003
1	1.0000	25.400
2	2.0000	50.800
3	3.0000	76.200
4	4.0000	101.600
5	5.0000	127.000
6	6.0000	152.400
7	7.0000	177.800
8	8.0000	203.200
9	9.0000	228.600
10	10.0000	254.000
11	11.0000	279.400
12	12.0000	304.800
13	13.0000	330.200
14	14.0000	355.600
15	15.0000	381.000
16	16.0000	406.400
17	17.0000	431.800

To convert pounds to kilograms use the following formula:
 Kilograms = Pounds ÷ 2.2046

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Catalog Revisions Q1 V1 25

Colson Group Brand	Issue	Correction	Catalog Page Number	
	Incorrect dual caster cross reference info.	Deleted 290 and 295 from deleted column.	Product Revision Page	
	Added CS and CX back to product MedCaster line	Removed CS and CX from deleted area.		
ALBION	Wanted more info on towing using ICWM standards.	Added testing standards disclaimer.	2	
	Incorrect page reference for some wheels.	Changed to correct page numbers.	8	
	NSF logo and description needed revision.	Revised to correct NSF logo and text.	17, 68	
	AX/AN 10" wheel capacity incorrect.	Changed to 2000lbs. Overall capacity of 38 now 2200lbs.	21	
	28-38 brakes are available.	Changed 28-38 brake order codes for integrated brakes.	21-22	
	Revision of 18 Series rigid models.	Replaced with CG-RIGID models.	24-25	
	Need part # optional K plate for swivel lock	Added SL160000K for PATK optional plates	34	
	Revision of 170 Series rigid models.	Replaced with CG-RIGID models.	38-39	
	Cam brake only works on 2" models for 62-72.	Added note.	62, 64, 66	
	Revision of 16 Series rigid models.	Replaced with CG-RIGID models.	68-70	
	Knotched seal kit no longer offered on 16 Series	Deleted Seal kit option.	68	
	XA Hi-Tech misspelled.	Edited to Hi-Tech Antimicrobial.	69	
	Incorrect 16 Series PB photo.	Replaced with correct wheel.	70	
	Incorrect 16 Series Never Flat part number for swivel models.	Changed swivel model wheel codes to CR instead of SF.	105	
	Incorrect Bearing ID's for PneuLine	Updated to correct on all 3.	109	
	Incorrect specs for NeverFlat Crumb wheel.	Updated specs.	110	
	XtraSoft Hand Truck Wheel.	Added to EasyRide Section.	112	
	Incorrect page reference for some wheels.	Changed to correct page numbers.	115	
	Incorrect specs on PY Wheels.	Updated specs.	116-117	
	Incorrect XA model numbers.	Corrected model numbers.	126	
	Incorrect features and models on K Wheel.	Revised K wheel information.	127	
	Type for TM models TM0850116 & TM0850116.	Revised to 3-1/4".	152	
	H-Temp not applied to wrong model.	Now applied to TR instead of TM.	153	
	Bad FBB brake model number for 6".	Changed to WK062535WA.	157	
	Incorrect part number for 330 Series floor lock.	Corrected to SL33000000.	159	
	Incorrect part number for LF Floor lock, also wrong color.	Corrected LF model 920LF0430U to 930LF0430U and changed color to yellow.	160	
		NSF logo and description needed revision.	Revised to correct NSF logo and text.	All sections
		Discontinuing Moldon Nylon.	Removed from contents changed HydroTech Page number.	5
Wanted more info on towing using ICWM standards.		Added testing standards disclaimer.	7	
Discontinuing Moldon Nylon.		Removed from wheel selection section.	8-9	
Updated wheel selection and specs in 2 Series. Added K Solid Polyurethane Wheel.		All 2 series pages updated.	20-33	
3" soft rubber had an incorrect part number for the rigid		Changed to 2.03308.RR2	21	

Continues

Continued from previous page

Colson Group Brand	Issue	Correction	Catalog Page Number
colson (Continued)	Incorrect load heights for soft and hard rubber	Changed to 3-11/16	21
	Revision on mounting codes.	Deleted MTG 17 and 21 and added MTG 90.	22
	Incorrect Performa Round model numbers on 2 Series charts.	Corrected to .565.	23, 25, 27, 29, 31 & 33
	Revision on mounting codes on grip ring stem.	Deleted many.	24
	2 Series Square Stem models missing.	Added to chart.	31
	Revision of 4 Series rigid models.	Replaced with CG-RIGID models.	42
	Discontinuing Moldon Nylon. Added K Wheel.	Replaced obsolete photos and removed from 4 Series chart. Added K wheel information.	42-43
	Defender brake models had SS in wrong place.	Correct Defender brake models	46
	4 Series Business Machine additions.	Revised 4 Series Business Machine Page	48
	6 Series no longer NSF listed	Removed NSF info.	50
	Discontinuing Moldon Nylon.	Removed obsolete photo and removed from 6 Series chart.	50-51
	Discontinuing Moldon Nylon.	Removed Moldon Nylon	53
	Incorrect 3-1/2" Hi-Tech grey model number.	Corrected 3-1/2" to 2.00033.91G/95G	68
	Add K Solid Polurethane wheels.	Added K Wheels to wheel section.	71
	Discontinuing Moldon Nylon. Added HydroTech information.	Deleted from page 75 and added HydroTech information.	74-75
Revision on mounting codes.	Deleted MTG 17 and 21 and added MTG 90 to threaded. Deleted many grip ring stem codes.	97	
	NSF logo needed revision.	Revised to correct NSF logo.	2, 4, 5 & 9
	Discontinued some Ball caster brakes and fittings.	Removed Ball caster brake and fittings.	20, 56
	Glass Filled Nylon Wheel part number issue.	Redesign; new number is 010394.	47
	NSF logo needed revision.	Revised to correct NSF logo and text	-
	Discontinued Avant (AV) Twin-Med (TM) and Precision Stainless SC	Removed AV/TM/SC from catalog.	-
	Discontinued Avant Stems.	Removed Avant exclusive stems	6
	Total Lock not offered on NeoTeq Dual (DN)	Removed total lock models	37
	D5 instead of D4 in description.	Changed D5 to D4.	54
PEMCO.	NSF logo needed revision.	Revised to correct NSF logo and text.	-
	Incorrect plate dimension	Added rigid plate dimensions	3
	Incorrect KWL wheel model number.	Revised 4, 5, 6 and 8" models	9
	Discontinued sockets	Revised socket section	19-20
	Added Jarvis Catalog	Added Jarvis Catalog	-

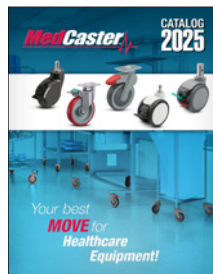
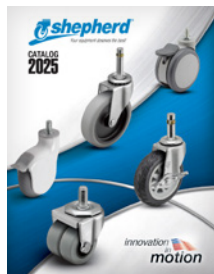


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Colson Group Brand	Action	Removed	Replace With
	Removed Series	Institutional 3" to 5" Diameter	PEMCO A-Line
		Institutional 6" Diameter	Colson 2 Series 6"
		Starlet Series	Planet (closest)
		Satellite Series	Planet (closest)
		Cosmo Series	Saturn (closest)
		Nova Series	Saturn (closest)
	Removed Colors	Satin Chrome - decorative casters Brass plate - Pacer Satin Chrome - Pacer	Not Applicable, high MOQ required
ALBION	Removed Series	02	Colson 2 Series
		E5	PEMCO E-Line Stainless
		68	Albion 38 Series
		05	Defender
		41	Albion 42
		216	115 (Closest)
		263	Not Applicable
		281	Not Applicable
		Bassick Honcho	Not Applicable
		Jarvis Air Cargo	Albion 03
	Re-moved, but still available	DC	DC
		P2	P2
		04	04
		63	63
		92	92
		292	292
		93	93
293	293		

Colson Group Brand	Action	Removed	Replace With	
colson	Removed Series	Enforcer 4 & 6	Albion 110	
		Enforcer 7 & 8	Albion 310	
		4 Series SS	Defender D4	
		4 Series Encore	4 Series or Pemco E-line	
	Removed Wheels	4 Series Encore SS	Pemco E-Line SS	
		Commander	Albion NX	
		Conquest	CG-Max	
	MedCaster	Removed 2.5" - 3" Wide Tread Wheels	Triumph	CG-Max
			Forged Steel	Albion FS
			Mold on Rubber	Albion MR
Removed Series		Mold on Polyurethane	Albion PY	
		Phenolic	Albion TM	
		Cast Iron	Albion CI	
		V-Groove	Albion VG/VL	
		TW	Shepherd PUT	
		GT	Shepherd PSF	
		DL	Not Applicable	
	SL	MedCaster BBTEK / DT		
	Optimus	MedCaster Avant 75mm		
	CP	Not Applicable		
	SS (2" Wide)	Defender D4		
	Original SX	MedCaster SX Gen 2		
	AC	MedCaster SX Gen 2		
	MP - Marquee	MedCaster Avant		
	PG	MedCaster Avant		
	PT	MedCaster TT & CT		
	MU	MedCaster TT & CT		
	PC	MedCaster 390 Series (Rhombus)		
	PP	MedCaster 391 Series (Rhombus)		
	PL	MedCaster TT & CT		
MB	MedCaster 390 & 391 (Rhombus)			
389	Not Applicable			
399	Available from Colson EU			
367	MedCaster FX Chrome			





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The screenshot shows the Colson Group website homepage. At the top left is the Colson Group logo with the tagline "ROLLING AT THE SPEED OF LIFE". To the right are links for "LOGIN", "REGISTER", and "QUOTE CART". Below the logo is a navigation menu with categories: "INDUSTRIES", "CASTER SOLUTIONS", "CASTERS BY CAPACITY", "WHEELS", "CAPABILITIES", "RESOURCES", and "CONTACT COLSON". A search bar is located to the right of the navigation menu. The main banner features a large image of a factory with the text "THE GLOBAL LEADER IN CASTER AND WHEEL SOLUTIONS" and a smaller image of a "MADE IN USA" caster. Below the banner is a "QUICK SEARCH BY INDUSTRY SOLUTIONS" section with two tabs: "CASTERS" and "WHEELS". A grid of 16 industry icons is displayed, each with a corresponding label: Aerospace, Air Cargo, Automotive, Data Centers, Food Service, Furniture, Health/Medical, Horticulture & Gardens, Hospitality, Institutional, Laundry, Marine, Retail Environment, Robotics, Tool Storage, and Warehousing & Distribution. At the bottom of the grid is a "SEARCH INDUSTRY PRODUCTS" button.



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