

What Separates Colson from the Competition?

Wheel Selection

GREY MATTER

PERFORMA

IMPROVING CASTERS AND WHEELS IS ALWAYS ON OUR MIND.

Your reputation is riding on your casters. Think about it. What happens to your satisfied customers if the casters on your equipment fail? Colson can help. We think about casters all of the time, and we lead our industry with remarkable innovations perfectly suited for a wide range of applications.

Take Performa caster wheels for example. These much imitated but never duplicated wheels are the envy of the industry. Performa is the ultimate in uncompromising wheel performance. They protect equipment and cargo with a silent, soft cushion ride similar to rubber wheels. They handle heavy loads and glide effortlessly across the floor similar to hard tread wheels. Plus, these wheels deliver superior non-marking floor protection.

During our 125-year legacy of leadership, Colson has reinvented the wheel time-after-time to give each customer the perfect caster for their particular application. Your reputation is riding on our casters. Ours is to. Call or visit our website today.



Use the Performa Wheel In Many Applications:

- **Factories**
- **Hospitals**
- **Schools**
- **Restaurants**
- **Warehouses**
- **Anywhere equipment must move easily and efficiently!**

- Absorbs shock to provide a cushion ride that protects your equipment, cargo and floors
- Superior impact resistance (better than cast iron core moldon rubber wheels)
- Resists “flat spotting” even when equipment rests under a load over time
- Silent operating to prevent distracting and annoying wheel noise
- Handles tough environments (inside or outside) without corrosion
- Performa conductive wheels available
- Maximum low temperature flexibility for superior performance even in freezing temperatures
- Maximum resistance to chemicals, acids, bases, alcohols, water and steam
- Custom colors available, consult factory
- Makes your equipment easier to handle and more responsive
- Lasting performance even in the most punishing applications

Maximum impact resistance and shock absorption help protect equipment, cargo and floors.



Performa wheels handle tough environments—inside or outside, in hot or cold temperatures—without corrosion.



Performa wheels reject floor debris including metal shavings, chips, sand and gravel.



Performa Rubber Wheels

Flat Grey Tread Capacity up to 325 lbs each 1-2 Series



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° continuous service).

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

Colson Performa Rubber Wheels • Flat Grey Tread • 1-2 Series • 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"	11/32"	—	—	—	1/4
2"	7/8"	75	Delrin	1.00002.441	5/16"	1/2"	11/32"	—	—	—	1/4
2 ¹ / ₂ "	1 ¹ / ₄ "	140	Delrin	2.00002.441	1/2"	29/32"	17/16"	3/8"	11/2"	—	1/4
			Ball	2.00002.445	3/8"	—	11/2"	—	—	—	3/8
3"	7/8"	125	Delrin	1.00003.441	7/16"	39/64"	11/32"	5/16"	17/64"	TG1: 57852.03	1/4
3 ¹ / ₂ "	1 ¹ / ₄ "	250	Delrin	2.00003.441	1/2"	29/32"	17/16"	3/8"	11/2"	TG1: 57854.01	3/8
			Ball	2.00003.445	3/8"	—	11/2"	—	—	TG2: 57852.39	1/2
4"	7/8"	135	Delrin	1.00004.441	7/16"	39/64"	11/32"	5/16"	17/64"	—	1/4
	1 ¹ / ₄ "	300	Delrin	2.00004.441	1/2"	29/32"	17/16"	3/8"	11/2"	TG1: 57854.01	5/8
			Ball	2.00004.445	3/8"	—	11/2"	—	—		3/4
5"	7/8"	145	Delrin	1.00005.441	7/16"	39/64"	11/32"	5/16"	17/64"	TG2: 57852.42	1/4
	1 ¹ / ₄ "	325	Delrin	2.00005.441	1/2"	29/32"	17/16"	3/8"	11/2"	TG1: 57866.03	3/4
			Ball	2.00005.445	3/8"	—	11/2"	—	—	TG2: 57852.43	7/8

Round Grey Tread Capacity up to 250 lbs each 2 Series



Wheel Options

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

Colson Performa Rubber Wheels • Round Grey Tread • 2 Series • 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 "	210	Delrin	2.00003.561	1/2"	29/32"	17/16"	3/8"	11/2"	—	1/2
			Ball	2.00003.565	3/8"	—	11/2"	—	—	—	5/8
5"	1 ⁵ / ₁₆ "	250	Delrin	2.00005.561	1/2"	29/32"	17/16"	3/8"	11/2"	TG1: 57854.01	7/8
			Ball	2.00005.565	3/8"	—	11/2"	—	—	TG2: 57852.39	1

Performa Rubber Wheels

Flat Grey Tread Capacity up to 675 lbs each 3-5 Series



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° continuous service).

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

Colson Performa Rubber Wheels • Flat Grey Tread • 3-5 Series • 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"	1 7/8"	—	3/4
			Roller	3.00003.449	3/4"	13/16"	15/8"	3/8"	1 7/8"	—	1
			Delrin	4.00003.441	3/4"	13/16"	15/8"	1/2"	2 7/16"	—	3/4
			Roller	4.00003.449	3/4"	13/16"	15/8"	1/2"	2 7/16"	—	1
4"	1 1/2"	325	Delrin	3.00004.441	3/4"	13/16"	15/8"	3/8"	1 7/8"	—	1
			Roller	3.00004.449	3/4"	13/16"	15/8"	3/8"	1 7/8"	—	1 1/4
			Delrin	4.00004.441	3/4"	13/16"	15/8"	1/2"	2 7/16"	—	1
			Roller	4.00004.449	3/4"	13/16"	15/8"	1/2"	2 7/16"	—	1 1/4
	2"	400	Delrin	5.00004.451	3/4"	13/16"	2 3/16"	1/2"	2 7/16"	—	1 1/4
			Roller	5.00004.459	3/4"	13/16"	2 3/16"	1/2"	2 7/16"	—	1 1/2
			PPBB	5.00004.455	1/2"	13/16"	2 7/16"	—	—	—	1 1/2
5"	1 1/2"	350	Delrin	3.00005.441	3/4"	13/16"	15/8"	3/8"	1 7/8"	—	1 1/4
			Roller	3.00005.449	3/4"	13/16"	15/8"	3/8"	1 7/8"	—	1 1/2
			Delrin	4.00005.441	3/4"	13/16"	15/8"	1/2"	2 7/16"	—	1 1/4
			Roller	4.00005.449	3/4"	13/16"	15/8"	1/2"	2 7/16"	—	1 1/2
	2"	500	PPBB	5.00005.455	1/2"	13/16"	2 7/16"	—	—	TG1: 57852.35 TG2: 57852.34	1 1/2
			Delrin	5.00005.451	3/4"	13/16"	2 3/16"	1/2"	2 7/16"		1 1/2
			Roller	5.00005.459	3/4"	13/16"	2 3/16"	1/2"	2 7/16"		1 1/2
6"	1 1/2"	375	Delrin	3.00006.441	3/4"	13/16"	15/8"	3/8"	1 7/8"	—	1 1/2
			Roller	3.00006.449	3/4"	13/16"	15/8"	3/8"	1 7/8"	—	1 3/4
			Delrin	4.00006.441	3/4"	13/16"	15/8"	1/2"	2 7/16"	—	1 1/2
			Roller	4.00006.449	3/4"	13/16"	15/8"	1/2"	2 7/16"	—	1 3/4
	2"	500	PPBB	5.00006.455	1/2"	13/16"	2 7/16"	—	—	TG1: 59042.07 TG2: 57852.29	1 3/4
			Delrin	5.00006.451	3/4"	13/16"	2 3/16"	1/2"	2 7/16"		1 3/4
		600	Roller	5.00006.459	3/4"	13/16"	2 3/16"	1/2"	2 7/16"		1 3/4
8"	1 1/2"	500	Delrin	4.00008.441	3/4"	13/16"	15/8"	1/2"	2 7/16"	—	2 1/4
			Roller	4.00008.449	3/4"	13/16"	15/8"	1/2"	2 7/16"	—	2 1/4
	2"	500	PPBB	5.00008.455	1/2"	13/16"	2 7/16"	—	—	TG1: 57852.04 TG2: 57852.30	2 1/2
			Delrin	5.00008.451	3/4"	13/16"	2 3/16"	1/2"	2 7/16"		2 1/2
		675	Roller	5.00008.459	3/4"	13/16"	2 3/16"	1/2"	2 7/16"		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).
- 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).

Performa Rubber Wheels

Flat Black Tread
Capacity up to 1700 lbs
each 5-7 Series



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° continuous service).

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

Colson Performa Rubber Wheels • Flat Black Tread • 5-7 Series • 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"	500	PPBB	5.00006.455.2	1/2"	13/16"	27/16"	—	—	TG1: 59042.07 TG2: 57852.29	13/4
		600	Delrin	5.00006.451.2	3/4"	13/16"	23/16"	1/2"	27/16"		13/4
			Roller	5.00006.459.2	3/4"	13/16"	23/16"	1/2"	27/16"		13/4
8"	2"	500	PPBB	5.00008.455.2	1/2"	13/16"	27/16"	—	—	TG1: 57852.04 TG2: 57852.30	2 1/2
		675	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"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	6
			Roller	7.00010.459.2	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	6 1/4
12"	3"	1700	Delrin	7.00012.451.2	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	7
			Roller	7.00012.459.2	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"**.
- Precision Sealed Ball Bearing (2" tread width): To order, change 8th and 9th digits in wheel model to **"P5"** (Example 5.00006.4**P5**.2).
- 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).

Performa Rubber Wheels

Round Grey Tread Capacity up to 600 lbs each 5 Series



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° continuous service).

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

Colson Performa Rubber Wheels • Round Grey Tread • 5 Series • 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		
6"	2"	450	PPBB	5.00006.555	1/2"	13/16"	27/16"	—	—	TG1: 59042.07 TG2: 57852.29	15/8
			Delrin	5.00006.551	3/4"	13/16"	23/16"	1/2"	27/16"		15/8
			Roller	5.00006.559	3/4"	13/16"	23/16"	1/2"	27/16"		15/8
8"	2"	500	PPBB	5.00008.555	1/2"	13/16"	27/16"	—	—	TG1: 57852.04 TG2: 57852.30	2 1/4
		600	Delrin	5.00008.551	3/4"	13/16"	23/16"	1/2"	27/16"		2 1/4
			Roller	5.00008.559	3/4"	13/16"	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**).
- 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).

Perma Conductive Rubber Wheels

Flat Grey Tread Capacity up to 200 lbs each 2 Series



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 Perma Conductive Wheels. These models combine a soft cushion ride with a non-marking tread design. All wheels feature a cushion grey Perma tread bonded to a black Polyolefin wheel core. Perma 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.

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

Colson Perma Conductive Rubber Wheels • Flat Grey Tread • 2 Series • Capacity up to 200 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		
2 1/2"	1 1/4"	125	Ball	2.00002.445 COND	3/8"	—	1 1/2"	—	—	—	3/8
3 1/2"	1 1/4"	225	Ball	2.00003.445 COND	3/8"	—	1 1/2"	—	—	—	1/2
4"	1 1/4"	250	Ball	2.00004.445 COND	3/8"	—	1 1/2"	—	—	—	3/4
5"	1 1/4"	250	Ball	2.00005.445 COND	3/8"	—	1 1/2"	—	—	—	7/8

Note: Extended delivery item. Consult Factory.

Round Grey Tread Capacity up to 250 lbs each 2 Series



Colson Perma Conductive Rubber Wheels • Round Grey Tread • 2 Series • 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"	210	Ball	2.00003.565 COND	3/8"	—	1 1/2"	—	—	—	5/8
5"	1 5/16"	250	Ball	2.00005.565 COND	3/8"	—	1 1/2"	—	—	—	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.

Perma Conductive Rubber Wheels

Flat Grey Tread Capacity up to 500 lbs each 3-5 Series



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 Perma Conductive Wheels. These models combine a soft cushion ride with a non-marking tread design. All wheels feature a cushion grey Perma tread bonded to a black Polyolefin wheel core. Perma 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.

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

Colson Perma Conductive Rubber Wheels • Flat Grey Tread • 3-5 Series • Capacity up to 500 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"	225	Roller	4.00003.449 COND	3/4"	13/16"	1 5/8"	1/2"	27/16"	—	1
4"	1 1/2"	255	Roller	3.00004.449 COND	3/4"	13/16"	1 5/8"	3/8"	17/8"	—	1 1/4
			Roller	4.00004.449 COND	3/4"	13/16"	1 5/8"	1/2"	27/16"	—	1 1/4
	2"	300	PPBB	5.00004.455 COND	1/2"	13/16"	2 7/16"	—	—	—	1 1/2
			Roller	5.00004.459 COND	3/4"	13/16"	2 3/16"	1/2"	27/16"	—	1 1/2
5"	1 1/2"	280	Roller	3.00005.449 COND	3/4"	13/16"	1 5/8"	3/8"	17/8"	—	1 1/4
			Roller	4.00005.449 COND	3/4"	13/16"	1 5/8"	1/2"	27/16"	—	1 1/4
	2"	325	PPBB	5.00005.455 COND	1/2"	13/16"	2 7/16"	—	—	—	1 1/2
			Roller	5.00005.459 COND	3/4"	13/16"	2 3/16"	1/2"	27/16"	—	1 1/2
6"	1 1/2"	300	Roller	3.00006.449 COND	3/4"	13/16"	1 5/8"	3/8"	17/8"	—	1 3/4
			Roller	4.00006.449 COND	3/4"	13/16"	1 5/8"	1/2"	27/16"	—	1 3/4
	2"	410	PPBB	5.00006.455 COND	1/2"	13/16"	2 7/16"	—	—	—	1 3/4
			Roller	5.00006.459 COND	3/4"	13/16"	2 3/16"	1/2"	27/16"	—	1 3/4
8"	1 1/2"	350	Roller	4.00008.449 COND	3/4"	13/16"	1 5/8"	1/2"	27/16"	—	2 1/4
	2"	500	PPBB	5.00008.455 COND	1/2"	13/16"	2 7/16"	—	—	—	2 1/4
			Roller	5.00008.459 COND	3/4"	13/16"	2 3/16"	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).

Round Grey Tread Capacity up to 500 lbs each 5 Series



Wheel Options

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

Note: Extended delivery item. Consult Factory.

Colson Perma Conductive Rubber Wheels • Round Grey Tread • 5 Series • Capacity up to 500 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		
6"	2"	410	PPBB	5.00006.555 COND	1/2"	1 3/16"	2 7/16"	—	—	—	1 5/8
			Roller	5.00006.559 COND	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	1 5/8
8"	2"	500	PPBB	5.00008.555 COND	1/2"	1 3/16"	2 7/16"	—	—	—	2 1/4
			Roller	5.00008.559 COND	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	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.

Performa Hand Truck Wheels

Flat Tread Capacity up to 350 lbs each 4 Series



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 cushion 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° continuous service).

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

Colson Performa Hand Truck Wheels • Flat Tread • 4 Series • Capacity up to 350 lbs each

Black Tread Models			Bearing	Wheel Model Number	Specify Bore Code	Wheel		Hub		Thread Guard TG1: Metal TG2: Plastic	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	13/8"	15/8"	17/8"	—	2 1/4
			PPBB	4.00008.485.2	WB625	5/8"	13/8"	15/8"	17/8"	—	2 1/4
			PPBB	4.00008.485.2	WB750	3/4"	13/8"	15/8"	17/8"	—	2 1/4

Round Tread Capacity up to 500 lbs each 5 Series



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 cushion 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° continuous service).

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

Colson Performa Hand Truck Wheels • Round Tread • 5 Series • Capacity up to 500 lbs each

Black Tread Models			Bearing	Wheel Model Number	Specify Bore Code	Wheel		Hub		Thread Guard TG1: Metal TG2: Plastic	Weight (Pounds)
Wheel Dia.	Tread Width	Capacity Each (Pounds)				Bearing Bore	Bore Less Bearing	Length Less Bearing	Length With Bearing		
8"	2"	500	PPBB	5.00008.585.2	WB625	5/8"	13/8"	13/4"	2"	—	2 1/4
			PPBB	5.00008.585.2	WB750	3/4"	13/8"	13/4"	2"	—	2 1/4
			None	5.00008.596.2	None	N/A	13/8"	2"	2 1/4"	—	2 1/4
			PPBB	5.00008.595.2	WB625	5/8"	13/8"	2"	2 1/4"	—	2 1/4
			PPBB	5.00008.595.2	WB750	3/4"	13/8"	2"	2 1/4"	—	2 1/4

Grey Tread Models

8"	2"	500	None	5.00008.586	None	N/A	13/8"	13/4"	N/A	—	2 1/4
			PPBB	5.00008.585	WB625	5/8"	13/8"	13/4"	2"	—	2 1/4
			PPBB	5.00008.585	WB750	3/4"	13/8"	13/4"	2"	—	2 1/4
			None	5.00008.596	None	N/A	13/8"	2"	2 1/4"	—	2 1/4
			PPBB	5.00008.595	WB625	5/8"	13/8"	2"	2 1/4"	—	2 1/4
			PPBB	5.00008.595	WB750	3/4"	13/8"	2"	2 1/4"	—	2 1/4

Trans-forma® LT Wheels

Flat or Round Black Tread
Capacity up to 500 lbs
5 Series

Wheel Options

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



Made with Grade 5 recyclable material to help protect our environment, this is the perfect lower cost replacement for moldon rubber or TPR wheels. The LT wheel is manufactured using co-injection molding on our state of the art equipment that chemically bonds the TPE material to a sturdy polyolefin core. The multi-purpose design is well suited for a variety of applications including (but not limited to): dumpster/trash bins, lumber carts and flower carts.

Temperature range: -45 °F to +180 °F

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

Colson Trans-forma® LT Wheels • 5 Series • Capacity up to 500 lbs each

Flat Tread Models					Wheel			Spanner Bushing				
Wheel Dia.	Tread Width	Capacity Each (Pounds)			Bearing	Wheel Model Number	Bearing Bore	Bore Less Bearing	Hub Length			Bore
4"	2"	400	Delrin	5.00004.4B1	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.12	1	
			PPBB	5.00004.4B5	1/2"	1 3/16"	2 1/2"	—	—	TG1: 57852.12	1	
			Roller	5.00004.4B9	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.12	1	
			Less Bearing	5.00004.4B6	—	1 3/16"	2 3/16"	—	—	TG1: 57852.12	1	
5"	2"	450	Delrin	5.00005.4B1	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 52007.94	1 1/4"	
			PPBB	5.00005.4B5	1/2"	1 3/16"	2 1/2"	—	—	TG1: 52007.94	1 1/4"	
			Roller	5.00005.4B9	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 52007.94	1 1/4"	
			Less Bearing	5.00005.4B6	—	1 3/16"	2 3/16"	—	—	TG1: 52007.94	1 1/4"	
6"	2"	500	Delrin	5.00006.4B1	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.45	1 3/8"	
			PPBB	5.00006.4B5	1/2"	1 3/16"	2 1/2"	—	—	TG1: 57852.45	1 3/8"	
			Roller	5.00006.4B9	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.45	1 3/8"	
			Less Bearing	5.00006.4B6	—	1 3/16"	2 3/16"	—	—	TG1: 57852.45	1 3/8"	
Round Tread Models												
6"	2"	400	Delrin	5.00006.5B1	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.45	1 3/8"	
			PPBB	5.00006.5B5	1/2"	1 3/16"	2 1/2"	—	—	TG1: 57852.45	1 3/8"	
			Roller	5.00006.5B9	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.45	1 3/8"	
			Less Bearing	5.00006.5B6	—	1 3/16"	2 3/16"	—	—	TG1: 57852.45	1 3/8"	

Trans-forma® Wheels

Flat or Round Grey Tread
Capacity up to 600 lbs
5 Series

Wheel Options

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



This quiet rolling, non-marking marvel rejects floor debris while providing a shock absorbing, cushion ride that helps protect your valuable cargo. It's the perfect lower cost replacement for more expensive TPE and TPR wheels. The Trans-forma wheel is manufactured using co-injection molding on our state of the art equipment that chemically bonds the TPE material to a sturdy polyolefin core. The multi-purpose design is well suited for a variety of applications including (but not limited to): laundry carts, medical equipment, electronic equipment, material handling carts and nursery carts.

Temperature range: -45 °F to +180 °F

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

Colson Trans-forma® • 5 Series • Capacity up to 600 lbs each

Flat Tread Models					Wheel			Spanner Bushing			
Wheel Dia.	Tread Width	Capacity Each (Pounds)			Bearing	Wheel Model Number	Bearing Bore	Bore Less Bearing	Hub Length		
4"	2"	400	Delrin	5.00004.4E1	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.12	1
			PPBB	5.00004.4E5	1/2"	1 3/16"	2 1/2"	—	—	TG1: 57852.12	1
			Roller	5.00004.4E9	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.12	1
			Less Bearing	5.00004.4E6	—	1 3/16"	2 3/16"	—	—	TG1: 57852.12	1
5"	2"	500	Delrin	5.00005.4E1	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 52007.94	1 1/4"
			PPBB	5.00005.4E5	1/2"	1 3/16"	2 1/2"	—	—	TG1: 52007.94	1 1/4"
			Roller	5.00005.4E9	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 52007.94	1 1/4"
			Less Bearing	5.00005.4E6	—	1 3/16"	2 3/16"	—	—	TG1: 52007.94	1 1/4"
6"	2"	600	Delrin	5.00006.4E1	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.45	1 3/8"
			PPBB	5.00006.4E5	1/2"	1 3/16"	2 1/2"	—	—	TG1: 57852.45	1 3/8"
			Roller	5.00006.4E9	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.45	1 3/8"
			Less Bearing	5.00006.4E6	—	1 3/16"	2 3/16"	—	—	TG1: 57852.45	1 3/8"
Round Tread Models											
6"	2"	450	Delrin	5.00006.5E1	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.45	1 3/8"
			PPBB	5.00006.5E5	1/2"	1 3/16"	2 1/2"	—	—	TG1: 57852.45	1 3/8"
			Roller	5.00006.5E9	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.45	1 3/8"
			Less Bearing	5.00006.5E6	—	1 3/16"	2 3/16"	—	—	TG1: 57852.45	1 3/8"

Trans-forma® HD Wheels

Flat or Round Grey Tread
Capacity up to 900 lbs
5 Series

Wheel Options

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



If you are looking for a lower-cost replacement for polyurethane... look no further. This engineering miracle is non-marking and offers good ergonomic performance. Plus, it does not break down in water/steam, and it does not squeak like polyurethane wheels. Since it is made in the USA, like our other Trans-forma wheels, the lead times are much better than competitive wheels. The multi-purpose design is well suited for a variety of applications including (but not limited to): food processing, poultry processing, dairy carts, laundry carts, and in plant mobility equipment.

Temperature range: -45 °F to +180 °F

Hardness: 40(±5) Durometer Shore D scale.

Colson Trans-forma® HD Wheels • 5 Series • Capacity up to 900 lbs each

Flat Tread Models			Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal	Weight (Pounds)
Wheel Dia.	Tread Width	Capacity Each (Pounds)			Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
4"	2"	600	Delrin	5.00004.4F1	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.12	1
			PPBB	5.00004.4F5	1/2"	1 3/16"	2 1/2"	—	—	TG1: 57852.12	1
			Roller	5.00004.4F9	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.12	1
			Less Bearing	5.00004.4F6	—	1 3/16"	2 3/16"	—	—	TG1: 57852.12	1
5"	2"	750	Delrin	5.00005.4F1	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 52007.94	1 1/4"
			PPBB	5.00005.4F5	1/2"	1 3/16"	2 1/2"	—	—	TG1: 52007.94	1 1/4"
			Roller	5.00005.4F9	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 52007.94	1 1/4"
			Less Bearing	5.00005.4F6	—	1 3/16"	2 3/16"	—	—	TG1: 52007.94	1 1/4"
6"	2"	900	Delrin	5.00006.4F1	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.45	1 3/8"
			PPBB	5.00006.4F5	1/2"	1 3/16"	2 1/2"	—	—	TG1: 57852.45	1 3/8"
			Roller	5.00006.4F9	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.45	1 3/8"
			Less Bearing	5.00006.4F6	—	1 3/16"	2 3/16"	—	—	TG1: 57852.45	1 3/8"
Round Tread Models											
6"	2"	650	Delrin	5.00006.5F1	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.45	1 3/8"
			PPBB	5.00006.5F5	1/2"	1 3/16"	2 1/2"	—	—	TG1: 57852.45	1 3/8"
			Roller	5.00006.5F9	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.45	1 3/8"
			Less Bearing	5.00006.5F6	—	1 3/16"	2 3/16"	—	—	TG1: 57852.45	1 3/8"

Cushion & Hard Rubber Wheels

Capacity up to 100 lbs each
1 Series



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 • 1 Series • Capacity up to 100 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		
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

Rubber HI-TECH Wheels

Capacity up to 150 lbs each
2 Series



Thermoplastic cushion rubber tread bonded to rugged polyolefin core.

Temperature range: -45°F to +120°F.

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

Colson Rubber HI-TECH Wheels • 2 Series • Capacity up to 150 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 1/4"	150	Plain	2.00003.42	—	1/2"	17/16"	3/8"	1 1/2"	—	3/8

Moldon Rubber Cast Iron Wheels

Capacity up to 1140 lbs each
5-7 Series



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 7 Series.

Finish: Black painted cast iron wheel core.

Colson Moldon Rubber Cast Iron Wheels • 5-7 Series • Capacity up to 1140 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	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
	2 1/2"	540	Roller	6.00006.669.7	3/4"	13/16"	23/4"	1/2"	3"	—	10
			Delrin	7.00006.671.7	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	10 1/2
8"	3"	680	Roller	7.00006.679.7	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	10 1/2
			Delrin	5.00008.641.7	3/4"	13/16"	23/16"	1/2"	27/16"	—	9 1/4
	2 1/2"	670	Roller	5.00008.649.7	3/4"	13/16"	23/16"	1/2"	27/16"	—	9 1/4
			Roller	6.00008.669.7	3/4"	13/16"	23/4"	1/2"	3"	—	11
10"	3"	840	Delrin	7.00008.671.7	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	11 1/2
			Roller	7.00008.679.7	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	11 1/2
	2 1/2"	790	Roller	6.00010.669.7	3/4"	13/16"	23/4"	1/2"	3"	—	12 3/4
			Delrin	7.00010.671.7	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	13
12"	3"	1140	Roller	7.00010.679.7	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	13
			Delrin	7.00012.671.7	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	16
12"	3"	1140	Roller	7.00012.679.7	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	16

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.

Moldon Nylon Aluminum Core Wheels

Capacity up to 1500 lbs each
5 Series



Brown nylon tread is molded in, around and through slots in an aluminum wheel core. This mechanical tread lock system helps prevent tread bond failures under harsh operating conditions found in meat packing and food processing industries. A nylon wheel is recommended for applications requiring a high resistance to water, oils, gasoline, grease and certain salt solutions. Nylon is also resistant to paints and lacquers, cosmetic preparations, detergents, aerosol preparations and animal and vegetable fats. Note: Nylon tread wheels bonded to a thermoplastic wheel core are available, consult factory



Wheel Core Cut-a-Way

Temperature range: -45°F to +180°F (If metal retainer washer used, temperature range is -45° to +250° F).

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

Colson Moldon Nylon Aluminum Core Wheels • 5 Series • 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		
5"	2"	1000	Delrin	5.00005.931.3	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.11	2
			Roller	5.00005.939.3	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.11	2
6"	2"	1200	Delrin	5.00006.931.3	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 52001.86	2 2/3
			Roller	5.00006.939.3	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 52001.86	2 2/3
8"	2"	1500	Delrin	5.00008.931.3	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.04	3 2/3
			Roller	5.00008.939.3	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57852.04	3 2/3

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 ninth digit in model number to "5" (Example: 5.00006.935.3). Also available in stainless steel, consult factory.

Triumph™ Wheels

Crown and Round Tread
Capacity up to 1200 lbs each
5 Series

Triumph wheels are a new generation of ergonomically friendly wheels available only from Colson. The wheels include precision ball bearings for maximum rolling ease. Triumph polyurethane tread is chemically and mechanically bonded to aluminum core. Wheels come in various colors and durometers. You can choose crown or round tread designs. These wheels are specially designed for tow-line application. Wheels do not skid or mark the floor.

Temperature Range: -40°F to +180°F.

Crown Tread



Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Top Hat Spanner Bushing		Weight (Pounds)
					Bore	Length	
Red Polyurethane • Durometer 75 Shore A							
8"	2"	1200	Prec. Ball	5.00008.93TS	1/2"	2 7/16"	4 3/8
Brown Polyurethane • Durometer 90 Shore A							
8"	2"	1200	Prec. Ball	5.00008.93TF	1/2"	2 7/16"	4 3/8

Round Tread



Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Top Hat Spanner Bushing		Weight (Pounds)
					Bore	Length	
Red Polyurethane • Durometer 80 Shore A							
6"	2"	900	Prec. Ball	5.00006.96TS	1/2"	2 7/16"	3
8"	2"	1200	Prec. Ball	5.00006.96TS	1/2"	2 7/16"	4 3/8
Blue Polyurethane • Durometer 95 Shore A							
6"	2"	900	Prec. Ball	5.00008.96TF	1/2"	2 7/16"	3
8"	2"	1200	Prec. Ball	5.00008.96TF	1/2"	2 7/16"	4 3/8

Moldon Polyurethane HI-TECH Wheels

Capacity up to 300 lbs each
1-2 Series



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. A very attractive, all purpose wheel. Resistant to most chemicals, solvents, water and acids.

Temperature range: -45°F to +180°F.

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



Wheel Core

Colson Moldon Polyurethane HI-TECH Wheels • 1-2 Series • Capacity up to 300 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"	11/32"	5/16"	17/64"	TG1: 57852.03	1/3
	1 1/4"	200	Plain	2.00003.92	—	1 1/2"	17/16"	3/8"	1 1/2"	—	3/8
3 1/2"	1 1/4"	250	Delrin	2.00003.91	1/2"	29/32"	17/16"	3/8"	1 1/2"	TG1: 57854.01	3/8
			Ball	2.00003.95	3/8"	—	1 1/2"	—	—		3/8
4"	7/8"	125	Delrin	1.00004.91	7/16"	5/8"	11/32"	5/16"	17/64"	—	1/2
	1 1/4"	275	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"	11/32"	5/16"	17/64"	—	1/2
	1 1/4"	300	Delrin	2.00005.91	1/2"	29/32"	17/16"	3/8"	1 1/2"	TG1: 57866.03	3/4
			Ball	2.00005.95	3/8"	—	1 1/2"	—	—	TG2: 57852.43	3/4

Wheel Options

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

Moldon Polyurethane HI-TECH Wheels

Capacity up to 1700 lbs each
3-7 Series



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 • 3-7 Series • Capacity up to 1700 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	3.00003.901	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"	TG1: 57852.23	1 1/4
	2"	600	Delrin	5.00004.921	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57852.23	1 1/4
			Roller	5.00004.929	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57852.23	1 1/2
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"	TG1: 57852.10	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"	TG1: 57852.11	1 1/2
	2"	750	Delrin	5.00005.921	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57852.11	1 1/4
			Roller	5.00005.929	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57852.11	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"	TG1: 57852.08	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"	TG1: 52001.86	1 3/4
	2"	900	Delrin	5.00006.921	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 52001.86	1 5/8
			Roller	5.00006.929	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 52001.86	1 7/8
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"	TG1: 57852.05	2 1/2
	2"	1000	Delrin	5.00008.921	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57852.04	2 1/2
			Roller	5.00008.929	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57852.04	2 3/4
10"	2 1/2"	1200	Delrin	7.00010.951	1"	15/16"	3 1/4"	3/4"	3 1/2"	—	6
			Roller	7.00010.959	1"	15/16"	3 1/4"	3/4"	3 1/2"	—	6 1/4
12"	3"	1700	Delrin	7.00012.981	1"	15/16"	3 1/4"	3/4"	3 1/2"	—	7
			Roller	7.00012.989	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.

Moldon Polyurethane Aluminum Core Wheels

Capacity up to 1500 lbs each
5 Series



A light-weight, 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 permanently bonded to aluminum core.

Temperature range: -45°F to +180°F.

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

Finish: Aluminum.

Zerk Fitting: Zerk grease fitting in hub is standard on 7 and 8 Series wheels.

Colson Moldon Polyurethane Aluminum Core Wheels • 5 Series • 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"	13/16"	23/16"	1/2"	27/16"	—	23/8
			Roller	5.00004.939	3/4"	13/16"	23/16"	1/2"	27/16"	—	23/8
5"	2"	1000	Delrin	5.00005.931	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57866.01	23/8
			Roller	5.00005.939	3/4"	13/16"	23/16"	1/2"	27/16"		23/8
6"	2"	1200	Delrin	5.00006.931	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 52001.86	25/8
			Roller	5.00006.939	3/4"	13/16"	23/16"	1/2"	27/16"		25/8
8"	2"	1500	Delrin	5.00008.931	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57852.20	41/4
			Roller	5.00008.939	3/4"	13/16"	23/16"	1/2"	27/16"		41/4

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.

**Capacity up to 3500 lbs each
5-7 Series**



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 cast iron core.

Temperature Range: -45°F to +180°F.

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

Finish: Silver paint (wheel core).

Colson Moldon Polyurethane Cast Iron Core Wheels • 5-7 Series • Capacity up to 3500 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"	700	Delrin	5.00004.941.7	3/4"	13/16"	23/16"	1/2"	27/16"	—	43/4
			Roller	5.00004.949.7	3/4"	13/16"	23/16"	1/2"	27/16"	—	43/4
5"	2"	1000	Delrin	5.00005.941.7	3/4"	13/16"	23/16"	1/2"	27/16"	—	5
			Roller	5.00005.949.7	3/4"	13/16"	23/16"	1/2"	27/16"	—	5
6"	2"	1200	Delrin	5.00006.941.7	3/4"	13/16"	23/16"	1/2"	27/16"	—	55/8
			Roller	5.00006.949.7	3/4"	13/16"	23/16"	1/2"	27/16"	—	55/8
	2 1/2"	1620	Roller	6.00006.969.7	3/4"	13/16"	23/4"	1/2"	3"	—	10
			Delrin	7.00006.971.7	1"	115/16"	3 1/4"	3/4"	3 1/2"	—	10 1/2
			Roller	7.00006.979.7	1"	115/16"	3 1/4"	3/4"	3 1/2"	—	10 1/2
8"	2"	1500	Delrin	5.00008.941.7	3/4"	13/16"	23/16"	1/2"	27/16"	—	9 1/4
			Roller	5.00008.949.7	3/4"	13/16"	23/16"	1/2"	27/16"	—	9 1/4
	2 1/2"	1700	Roller	6.00008.969.7	3/4"	13/16"	23/4"	1/2"	3"	—	11
			Delrin	7.00008.971.7	1"	115/16"	3 1/4"	3/4"	3 1/2"	—	11 1/2
			Roller	7.00008.979.7	1"	115/16"	3 1/4"	3/4"	3 1/2"	—	11 1/2
10"	3"	3000	Delrin	7.00010.971.7	1"	115/16"	3 1/4"	3/4"	3 1/2"	—	13
			Roller	7.00010.979.7	1"	115/16"	3 1/4"	3/4"	3 1/2"	—	13
12"	3"	3500	Delrin	7.00012.971.7	1"	115/16"	3 1/4"	3/4"	3 1/2"	—	16
			Roller	7.00012.979.7	1"	115/16"	3 1/4"	3/4"	3 1/2"	—	16

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
5 Series



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%! In fact, these new caster wheels handle maximum loads with minimum tread wear— even after extensive use.

Colson test results 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).

Not only are Endura wheels strong and easy rolling, but they 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) Shore D Scale.

Colson Endura Solid Elastomer Wheels • 5 Series • 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"	13/16"	23/16"	1/2"	27/16"	TG1: 57852.11	1 ³ / ₈
			Roller	5.00004.839.EN	3/4"	13/16"	23/16"	1/2"	27/16"		1 ³ / ₈
			Prec. Ball*	5.00004.8P5.EN	—	—	23/16"	1/2"	27/16"		1 ³ / ₈
5"	2"	1000	Delrin	5.00005.831.EN	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 52007.94	1 ³ / ₄
			Roller	5.00005.839.EN	3/4"	13/16"	23/16"	1/2"	27/16"		1 ³ / ₄
			Prec. Ball*	5.00005.8P5.EN	—	—	23/16"	1/2"	27/16"		1 ³ / ₄
6"	2"	1100	Delrin	5.00006.831.EN	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57551.05	2
			Roller	5.00006.839.EN	3/4"	13/16"	23/16"	1/2"	27/16"		2
			Prec. Ball*	5.00006.8P5.EN	—	—	23/16"	1/2"	27/16"		2
8"	2"	1200	Delrin	5.00008.831.EN	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57551.05	3 ¹ / ₄
			Roller	5.00008.839.EN	3/4"	13/16"	23/16"	1/2"	27/16"		3 ¹ / ₄
			Prec. Ball*	5.00008.8P5.EN	—	—	23/16"	1/2"	27/16"		3 ¹ / ₄

*Spanner bushing included. Part number is 56525.02.

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11B".
- 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).
- 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.

Maxim Wheels

Capacity up to 1400 lbs each
3-5 Series



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 • 3-5 Series • 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"	13/16"	23/16"	1/2"	27/16"	—	5/8
			Roller	5.00003.539	3/4"	13/16"	23/16"	1/2"	27/16"	—	5/8
4"	1 1/2"	600	Delrin	3.00004.501	3/4"	13/16"	15/8"	3/8"	17/8"	—	7/8
			Roller	3.00004.509	3/4"	13/16"	15/8"	3/8"	17/8"	—	7/8
	1 1/2"	600	Delrin	4.00004.511	3/4"	13/16"	15/8"	1/2"	27/16"	—	7/8
			Roller	4.00004.519	3/4"	13/16"	15/8"	1/2"	27/16"	—	7/8
	2"	800	Delrin	5.00004.531	3/4"	13/16"	23/16"	1/2"	27/16"	—	1
			Roller	5.00004.539	3/4"	13/16"	23/16"	1/2"	27/16"	—	1
5"	2"	1000	Delrin	5.00005.531	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57852.45	1 1/4
			Roller	5.00005.539	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57852.45	1 1/4
6"	2"	1200	Delrin	5.00006.531	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57852.46	1 1/2
			Roller	5.00006.539	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57852.46	1 1/2
8"	2"	1400	Delrin	5.00008.531	3/4"	13/16"	23/16"	1/2"	27/16"	—	2
			Roller	5.00008.539	3/4"	13/16"	23/16"	1/2"	27/16"	—	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.

Polyolefin Wheels

Capacity up to 300 lbs each
1-2 Series



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 • 1-2 Series • Capacity up to 300 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"	17/16"	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"	17/16"	3/8"	1 1/2"	—	3/8
3 1/2"	1 1/4"	250	Delrin	2.00003.53	1/2"	29/32"	17/16"	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"	275	Delrin	2.00004.53	1/2"	29/32"	17/16"	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"	300	Delrin	2.00005.53	1/2"	29/32"	17/16"	3/8"	1 1/2"	TG1: 57866.03	1
			Ball	2.00005.55	3/8"	29/32"	1 1/2"	—	—	TG2: 57852.43	1

Wheel Options

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

Polyolefin Wheels

Capacity up to 900 lbs each
3-5 Series

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 • 3-5 Series • 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
			Plain	4.00008.812	—	3/4"	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.

TPE HIGH-TEMP Wheels

Capacity up to 350 lbs each
2 Series



TPE HI-TEMP wheels are perfect when you need an economical alternative for moderately high temperature environments. The wheels are crafted of grey thermoplastic elastomer tread chemically bonded to a white polyolefin core and feature a single insert molded stainless steel radial bearing. TPE HI-TEMP are ideal for medical applications and environments requiring wash down.

Temperature Range: -40°F to 180°F with intermittent temperature up to 300°F.

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

Colson TPE HIGH-TEMP Wheels • 2 Series • 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		
3"	1 1/4"	200	Precision Ball	2.00033.414 H	5/8"	—	3/4"	3/8"	1 1/2"	—	3/4
3 1/2"	1 1/4"	225	Precision Ball	2.00003.414 H	5/8"	—	3/4"	3/8"	1 1/2"	—	3/4
4"	1 1/4"	250	Precision Ball	2.00004.414 H	5/8"	—	3/4"	3/8"	1 1/2"	—	7/8
5"	1 1/4"	300	Precision Ball	2.00005.414 H	5/8"	—	3/4"	3/8"	1 1/2"	—	1
6"	1 1/4"	350	Precision Ball	2.00006.414 H	5/8"	—	3/4"	3/8"	1 1/2"	—	1 1/8

ThermoTech® Wheels

Capacity up to 250 lbs each
2 Series



Colson ThermoTech Wheels feature a rubber tread that can take the heat. They are quiet and non-marking for superior floor protection. The rubber tread is an advanced technology rubber compound bonded to an aluminum core.

Temperature range: -45°F to +525°F intermittent service, (+490° continuous service).

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

Colson ThermoTech® Wheels • 2 Series • 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		
4"	1 1/4"	250	Teflon	2.00004.613 H	1/2"	N/A	15/16"	3/8"	1 1/2"	—	3/4
5"	1 1/4"	250	Teflon	2.00005.613 H	1/2"	N/A	15/16"	3/8"	1 1/2"	—	3/4
6"	1 1/4"	250	Teflon	2.00006.613 H	1/2"	N/A	15/16"	3/8"	1 1/2"	—	3/4

Thermo Wheels

Capacity up to 1100 lbs each 2-5 Series



Thermo wheels feature a standard operating temperature range from -70°F (continuous service) to +525°F (intermittent service, 475°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° continuous service).

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

Colson Thermo Wheels • 2-5 Series • Capacity up to 1100 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"	600	Plain	4.00003.812 HT	—	3/4"	13/4"	1/2"	27/16"	—	1/2
			Less Bearing	4.00003.816 HT	—	13/16"	15/8"	—	—	—	1/2
			Roller	4.00003.819 HT	3/4"	13/16"	15/8"	1/2"	27/16"	—	1/2
3 1/2"	1 1/4"	300	Plain	2.00003.52 HT	—	1/2"	17/16"	3/8"	11/2"	—	3/8
4"	1 1/4"	300	Plain	2.00004.52 HT	—	1/2"	17/16"	3/8"	11/2"	—	3/4
	1 1/2"	700	Plain	4.00004.812 HT	—	3/4"	13/4"	1/2"	27/16"	—	3/4
			Less Bearing	4.00004.816 HT	—	13/16"	15/8"	—	—	—	3/4
			Roller	4.00004.819 HT	3/4"	13/16"	15/8"	1/2"	27/16"	—	3/4
	2"	800	Plain	5.00004.832 HT	—	3/4"	23/8"	1/2"	27/16"	—	3/4
			Less Bearing	5.00004.836 HT	—	13/16"	23/16"	—	—	—	3/4
			Roller	5.00004.839 HT	3/4"	13/16"	23/16"	1/2"	27/16"	—	3/4
5"	1 1/4"	800	Plain	2.00005.52 HT	—	1/2"	17/16"	3/8"	11/2"	—	1
	1 1/2"	800	Plain	4.00005.812 HT	—	3/4"	13/4"	1/2"	27/16"	—	3/4
			Less Bearing	4.00005.816 HT	—	13/16"	15/8"	—	—	—	3/4
			Roller	4.00005.819 HT	3/4"	13/16"	15/8"	1/2"	27/16"	—	3/4
	2"	1000	Plain	5.00005.832 HT	—	3/4"	23/8"	1/2"	27/16"	—	1
			Less Bearing	5.00005.836 HT	—	13/16"	23/16"	—	—	—	1
			Roller	5.00005.839 HT	3/4"	13/16"	23/16"	1/2"	27/16"	—	1
6"	2"	1100	Plain	5.00006.832 HT	—	3/4"	23/8"	1/2"	27/16"	—	12/3
			Less Bearing	5.00006.836 HT	—	13/16"	23/16"	—	—	—	12/3
			Roller	5.00006.839 HT	3/4"	13/16"	23/16"	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).

Phenolic Wheels

Capacity up to 800 lbs each
2-4 Series



Phenolic resin wheels filled with macerated fabric, this wheel is quieter than steel or aluminum and provides 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 • 2-4 Series • 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"	17/16"	300	Roller	2.00002.319	5/8"	1 1/16"	1 1/2"	3/8"	1 17/32"	—	5/8
3"	1 15/32"	350	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"	3/8"	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"	1/2"	2 7/16"	—	7/8
			Roller	4.00003.319	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"	—	7/8
			Delrin	3.00004.301	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"	TG1: 57852.10	1
4"	1 1/2"	600	PPBB	3.00004.305	3/8"	1 3/16"	1 7/8"	3/8"	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"	TG1: 57852.11	1 1/8
			PPBB	4.00004.315	1/2"	1 3/16"	1 7/8"	1/2"	2 7/16"		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 1/2"	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"	3/8"	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"	TG1: 52001.86	1 1/2
			PPBB	4.00005.315	1/2"	1 3/16"	1 7/8"	1/2"	2 7/16"		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"	3/8"	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"	TG1: 57551.05	2
			PPBB	4.00006.315	1/2"	1 3/16"	1 7/8"	1/2"	2 7/16"		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 "WSR1".
- 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.

Phenolic Wheels

Capacity up to 3500 lbs each
5-8 Series

Phenolic resin wheels filled with macerated fabric, this wheel is quieter than steel or aluminum, provides superior floor protection, and 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 • 5-8 Series • Capacity up to 3500 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
	2 1/2"	1600	Roller	6.00006.369	3/4"	1 3/16"	2 3/4"	1/2"	3"	—	3 3/4
			Delrin	7.00006.361	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	4 1/2
			Roller	7.00006.369	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	4 1/2
			Roller	8.00006.369	1 1/4"	1 15/16"	3 1/4"	1"	3 1/2"	—	4 1/2
	3"	2000	Delrin	7.00006.371	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	5
			Roller	7.00006.379	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	5
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
	2 1/2"	1600	Roller	6.00008.369	3/4"	1 3/16"	2 3/4"	1/2"	3"	—	4 3/4
			Delrin	7.00008.361	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	5 1/2
			Roller	7.00008.369	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	5 1/2
			Roller	8.00008.369	1 1/4"	1 15/16"	3 1/4"	1"	3 1/2"	—	5 1/2
	3"	2500	Delrin	7.00008.371	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	6
			Roller	7.00008.379	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	6
10"	2 1/2"	1600	Roller	6.00010.369	3/4"	1 3/16"	2 3/4"	1/2"	3"	—	7 3/4
			Delrin	7.00010.361	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	8 1/4
		2500	Roller	7.00010.369	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	8 1/4
			Roller	8.00010.369	1 1/4"	1 15/16"	3 1/4"	1"	3 1/2"	—	8 1/4
	3"	2900	Delrin	7.00010.371	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	9 1/2
			Roller	7.00010.379	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	9 1/2
12"	3"	3500	Roller	8.00010.379	1 1/4"	1 15/16"	3 1/4"	1"	3 1/2"	—	9 1/2
			Delrin	7.00012.371	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	12 1/2
			Roller	7.00012.379	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	12 1/2
			Roller	8.00012.379	1 1/4"	1 15/16"	3 1/4"	1"	3 1/2"	—	12 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"**.
- 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 9th digit in model number to **"5"** (Example: 5.00008.335). Also available in stainless steel, consult factory.

Cast Iron Wheels

Capacity up to 600 lbs each
2-4 Series



This wheel should be specified when excessive load weights are involved and floor protection is not a factor. 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 • 2-4 Series • 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 7/16"	1 1/4"	200	Sleeve	2.00002.12	5/8"	—	1 15/32"	3/8"	1 1/2"	TG1: 57854.01	3/4
3"	1 1/4"	200	Sleeve	2.00003.14	5/8"	—	1 15/32"	3/8"	1 1/2"	—	1 1/4
	1 1/2"	425	Delrin	3.00003.101	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"	TG1: 52250.62	2 3/8
			Roller	3.00003.109	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"	TG1: 52250.62	2 3/8
			Delrin	4.00003.111	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"	TG1: 57852.12	2 3/8
			Roller	4.00003.119	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"	TG1: 57852.12	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
	1 1/2"	500	Delrin	3.00004.101	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"	—	2 1/2
			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"	TG1: 52007.94	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
	1 1/2"	600	Delrin	3.00005.101	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"	TG1: 52250.56	3 1/4
			Roller	3.00005.109	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"	TG1: 52250.56	3 1/4
			Delrin	4.00005.111	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"	TG1: 57551.05	3 1/4
			Roller	4.00005.119	3/4"	1 3/16"	1 5/8"	1/2"	2 7/16"	TG1: 57551.05	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"	TG1: 57852.16	4
			Roller	3.00006.109	3/4"	1 3/16"	1 5/8"	3/8"	1 7/8"	TG1: 57852.16	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"	TG1: 57852.04	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 3000 lbs each
5-8 Series



This wheel should be specified when excessive load weights are involved and floor protection is not a factor. 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 7 and 8 Series wheels.

Colson Cast Iron Wheels • 5-8 Series • Capacity up to 3000 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
	2 1/2"	2000	Delrin	7.00005.161	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	8 1/2
			Roller	7.00005.169	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	8 1/2
			Roller	8.00005.169	1 1/4"	1 15/16"	3 1/4"	1"	3 1/2"	—	8 1/2
6"	2"	1500	Delrin	5.00006.131	3/4"	13/16"	23/16"	1/2"	27/16"	—	5 3/4
			Roller	5.00006.139	3/4"	13/16"	23/16"	1/2"	27/16"	—	5 3/4
	2 1/2"	1600	Roller	6.00006.169	3/4"	13/16"	23/4"	1/2"	3"	—	9
			Delrin	7.00006.161	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	10 3/4
			Roller	7.00006.169	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	10 3/4
			Roller	8.00006.169	1 1/4"	1 15/16"	3 1/4"	1"	3 1/2"	—	10 3/4
8"	2"	1500	Delrin	5.00008.131	3/4"	13/16"	23/16"	1/2"	27/16"	—	8 1/2
			Roller	5.00008.139	3/4"	13/16"	23/16"	1/2"	27/16"	—	8 1/2
	2 1/2"	1600	Roller	6.00008.169	3/4"	13/16"	3 1/4"	1/2"	3"	—	13
			Delrin	7.00008.171	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	17 1/4
	3"	2500	Roller	7.00008.179	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	17 1/4
			Roller	8.00008.179	1 1/4"	1 15/16"	3 1/4"	1"	3 9/16"	—	17 1/2
10"	2 1/2"	1600	Roller	6.00010.169	3/4"	13/16"	23/4"	3/8"	3"	—	18
		2500	Delrin	7.00010.171	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	20 1/2
	3"	3000	Roller	7.00010.179	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	20 1/2
			Roller	8.00010.179	1 1/4"	1 15/16"	3 1/4"	1"	3 1/2"	—	20 1/2
12"	3"	2500	Delrin	7.00012.171	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	23 1/2
		3000	Roller	7.00012.179	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	23 1/2
			Roller	8.00012.179	1 1/4"	1 15/16"	3 1/4"	1"	3 1/2"	—	23 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"**.
- 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.

Forged Steel Wheels

Capacity up to 4500 lbs each
5-8 Series



This wheel is for exceptionally heavy duty service where floor protection is not a factor. Forged steel wheels have almost unbreakable construction, great wear resistance and take shock impacts very well in power drawn service. 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 bearings only).

Finish: Green alkylid enamel.

Zerk Fitting: Zerk grease fitting in hub is standard on 7 and 8 Series wheels.

Colson Forged Steel Wheels • 5-8 Series • Capacity up to 4500 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"	1 1/2"	1400	Delrin	5.00004.211	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	3
			Roller	5.00004.219	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	3
5"	2"	1500	Delrin	5.00005.231	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	TG1: 57551.05	5
			Roller	5.00005.239	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"		5
6"	2"	1700	Delrin	5.00006.231	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	6
			Roller	5.00006.239	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	6
	2 1/2"	4000	Delrin	7.00006.261	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	10 1/2
			Roller	7.00006.269	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	10 1/2
			Roller	8.00006.269	1 1/4"	1 15/16"	3 1/4"	1"	3 1/2"	—	10 1/2
			Roller	8.00006.269	1 1/4"	1 15/16"	3 1/4"	1"	3 1/2"	—	10 1/2
8"	3"	4500	Delrin	7.00008.271	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	21
			Roller	7.00008.279	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	21
			Roller	8.00008.279	1 1/4"	1 15/16"	3 1/4"	1"	3 9/16"	—	21
10"	3"	4500	Delrin	7.00010.271	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	30
			Roller	7.00010.279	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	30
			Roller	8.00010.279	1 1/4"	1 15/16"	3 1/4"	1"	3 9/16"	—	30

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 1 1/2" and 2" tread width wheels. To order change 9th digit in model number to "5" (Example: 5.00006.235). Also available in stainless steel, consult factory.

V-Groove Wheels

Capacity up to 6000 lbs each 5-7 Series



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.

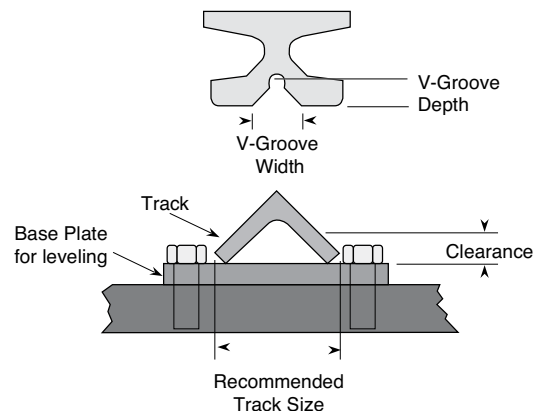
Colson V-Groove Wheels • 5-7 Series • Capacity up to 6000 lbs each

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
	2 1/2"	2500	Delrin	7.00006.761	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	9 1/4
			Roller	7.00006.769	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	9 1/4
			Roller	7.00006.789*	1"	2 7/16"	3 1/4"	3/4"	3 1/2"	—	20
8"	3"	2500	Delrin	7.00008.771	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	13 1/2
			Roller	7.00008.779	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	13 1/2

*The 6" x 3" V-Groove wheel is forged steel. All other models are cast iron.

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"
	2 1/2"	3/4"	3/8"	1 1/2" x 1 1/2"	13/16"
	3"	1 3/8"	1 1/16"	2" x 2"	13/16"
8"	3"	3/4"	3/8"	2" x 2"	1 1/16"

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.