

Triumph® Wheels

Ergonomic
Towable

Crown and Round Tread

Capacity up to 1200 lbs each

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's polyurethane tread is chemically and mechanically bonded to an 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 floors.

Temperature Range: -40°F to +180°F.

Crown Tread



Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Top Hat Spanner Bushing		Thread Guard TG1: Metal TG2: Plastic	Weight (Pounds)
					Bore	Length		
Red Polyurethane • Durometer 75 Shore A								
8"	2"	1200	Prec. Ball	5.00008.93TS	1/2"	27/16"	-	43/8
Brown Polyurethane • Durometer 90 Shore A								
8"	2"	1200	Prec. Ball	5.00008.93TF	1/2"	27/16"	-	43/8

Round Tread



Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Top Hat Spanner Bushing		Thread Guard TG1: Metal TG2: Plastic	Weight (Pounds)
					Bore	Length		
Red Polyurethane • Durometer 80 Shore A								
6"	2"	900	Prec. Ball	5.00006.96TS	1/2"	27/16"	-	3
8"	2"	1200	Prec. Ball	5.00008.96TS	1/2"	27/16"	-	43/8
Blue Polyurethane • Durometer 95 Shore A								
6"	2"	900	Prec. Ball	5.00006.96TF	1/2"	27/16"	-	3
8"	2"	1200	Prec. Ball	5.00008.96TF	1/2"	27/16"	-	43/8

Conquest™ Wheels

Capacity up to 1500 lbs. each

Ergonomic
Towable

Colson's new Conquest wheel is the ultimate in ergonomic performance. Independent testing proves the Conquest wheel requires 20% LESS force to move than comparative wheels. This reactive polyurethane wheel tread is chemically and mechanically molded onto a lightweight aluminum wheel core. Count on this wheel to glide quietly across even debris covered floors, while maintaining the durability to carry heavy loads (up to 1500 lbs. each).

Temperature range: -45°F to +180°F.

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



Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Top Hat Spanner Bushing		Thread Guard TG1: Metal TG2: Plastic	Weight (Pounds)
					Bore	Length		
4"	2"	800	Prec. Ball	5.00004.9PC	1/2"	27/16"	-	31/4
5"	2"	1000	Prec. Ball	5.00005.9PC	1/2"	27/16"	-	33/8
6"	2"	1250	Prec. Ball	5.00006.9PC	1/2"	27/16"	-	31/2
8"	2"	1500	Prec. Ball	5.00008.9PC	1/2"	27/16"	-	33/4

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"	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".
- Metal cage roller bearing: Specify "WB29".
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11".
- Torrington style with Hytrel retainer (2" tread width): Specify "WB19".
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B".
- 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.



Wheel Selection

Moldon Polyurethane HI-TECH® Wheels

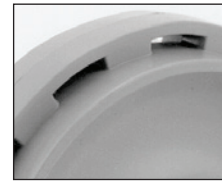
Capacity up to 300 lbs each



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.

Temperature range: -45°F to +180°F.

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



Wheel Core

Colson Moldon Polyurethane HI-TECH Wheels • 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"	1 1/32"	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"	1 1/32"	5/16"	17/64"	–	1/2
			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
			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).



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Moldon Polyurethane HI-TECH® Wheels

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	Wheel			Spanner Bushing		Thread Guard TG1: Metal	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
3"	1½"	300	Delrin	3.00003.901	¾"	1¾"	1⅝"	⅜"	1⅞"	–	¾
			Roller	3.00003.909	¾"	1¾"	1⅝"	⅜"	1⅞"	–	1
			Delrin	4.00003.911	¾"	1¾"	1⅝"	½"	2⅞"	–	¾
			Roller	4.00003.919	¾"	1¾"	1⅝"	½"	2⅞"	–	1
4"	1½"	400	Delrin	3.00004.901	¾"	1¾"	1⅝"	⅜"	1⅞"	–	1
			Roller	3.00004.909	¾"	1¾"	1⅝"	⅜"	1⅞"	–	1¼
			Delrin	4.00004.911	¾"	1¾"	1⅝"	½"	2⅞"	TG1: 57852.23	1
			Roller	4.00004.919	¾"	1¾"	1⅝"	½"	2⅞"	TG1: 57852.23	1¼
	2"	600	Delrin	5.00004.921	¾"	1¾"	2⅜"	½"	2⅞"	TG1: 57852.23	1¼
			Roller	5.00004.929	¾"	1¾"	2⅜"	½"	2⅞"	TG1: 57852.23	1½
5"	1½"	500	Delrin	3.00005.901	¾"	1¾"	1⅝"	⅜"	1⅞"	TG1: 57852.10	1¼
			Roller	3.00005.909	¾"	1¾"	1⅝"	⅜"	1⅞"	TG1: 57852.10	1½
			Delrin	4.00005.911	¾"	1¾"	1⅝"	½"	2⅞"	TG1: 57852.11	1¼
			Roller	4.00005.919	¾"	1¾"	1⅝"	½"	2⅞"	TG1: 57852.11	1½
	2"	750	Delrin	5.00005.921	¾"	1¾"	2⅜"	½"	2⅞"	TG1: 57852.11	1¼
			Roller	5.00005.929	¾"	1¾"	2⅜"	½"	2⅞"	TG1: 57852.11	1½
6"	1½"	600	Delrin	3.00006.901	¾"	1¾"	1⅝"	⅜"	1⅞"	TG1: 57852.08	1½
			Roller	3.00006.909	¾"	1¾"	1⅝"	⅜"	1⅞"	TG1: 57852.08	1¾
			Delrin	4.00006.911	¾"	1¾"	1⅝"	½"	2⅞"	TG1: 52001.86	1½
			Roller	4.00006.919	¾"	1¾"	1⅝"	½"	2⅞"	TG1: 52001.86	1¾
	2"	900	Delrin	5.00006.921	¾"	1¾"	2⅜"	½"	2⅞"	TG1: 52001.86	1⅝
			Roller	5.00006.929	¾"	1¾"	2⅜"	½"	2⅞"	TG1: 52001.86	1⅞
8"	1½"	800	Delrin	4.00008.911	¾"	1¾"	1⅝"	½"	2⅞"	TG1: 57852.05	2¼
			Roller	4.00008.919	¾"	1¾"	1⅝"	½"	2⅞"	TG1: 57852.05	2½
	2"	1000	Delrin	5.00008.921	¾"	1¾"	2⅜"	½"	2⅞"	TG1: 57852.04	2½
			Roller	5.00008.929	¾"	1¾"	2⅜"	½"	2⅞"	TG1: 57852.04	2¾
10"	2½"	1200	Delrin	7.00010.951	1"	1⅞"	3¼"	¾"	3½"	–	6
			Roller	7.00010.959	1"	1⅞"	3¼"	¾"	3½"	–	6¼
12"	3"	1700	Delrin	7.00012.981	1"	1⅞"	3¼"	¾"	3½"	–	7
			Roller	7.00012.989	1"	1⅞"	3¼"	¾"	3½"	–	7½

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): Available on 1½" 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.
- 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).

Wheel Selection

Moldon Polyurethane Cast Iron Core Wheels

Capacity up to 3500 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).

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		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"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	4 3/4
			Roller	5.00004.949.7	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	4 3/4
5"	2"	1000	Delrin	5.00005.941.7	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	5
			Roller	5.00005.949.7	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	5
6"	2"	1200	Delrin	5.00006.941.7	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	5 5/8
			Roller	5.00006.949.7	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	5 5/8
	2 1/2"	1620	Roller	6.00006.969.7	3/4"	1 3/16"	2 3/4"	1/2"	3"	—	10
			Delrin	7.00006.971.7	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	10 1/2
3"	2040	Roller	7.00006.979.7	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	10 1/2	
		Delrin	7.00006.971.7	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	10 1/2	
8"	2"	1500	Delrin	5.00008.941.7	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	9 1/4
			Roller	5.00008.949.7	3/4"	1 3/16"	2 3/16"	1/2"	2 7/16"	—	9 1/4
	2 1/2"	1700	Roller	6.00008.969.7	3/4"	1 3/16"	2 3/4"	1/2"	3"	—	11
			Delrin	7.00008.971.7	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	11 1/2
3"	2500	Roller	7.00008.979.7	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	11 1/2	
		Delrin	7.00008.971.7	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	11 1/2	
10"	3"	3000	Delrin	7.00010.971.7	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	13
			Roller	7.00010.979.7	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	13
12"	3"	3500	Delrin	7.00012.971.7	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	16
			Roller	7.00012.979.7	1"	1 15/16"	3 1/4"	3/4"	3 1/2"	—	16

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- Metal cage roller bearing: Specify "WB29".
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11".
- Torrington style with Hytrel retainer (2" tread width): Specify "WB19".
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B".
- 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.

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