

Polyolefin Wheels

Capacity up to 900 lbs each



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

Temperature range: -45°F to +180°F.

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

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