

Phenolic Wheels

Capacity up to 800 lbs each



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

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

Hardness: 90 (±5) Shore D scale.

Colson Phenolic Wheels • Capacity up to 800 lbs each

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

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.