

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.

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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		
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
			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
6"	1 1/2"	800	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"	—	—

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.

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Hardness: 90 (±5) 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 1/4"	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	
		2000	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	
Roller			8.00010.379	1 1/4"	1 15/16"	3 1/4"	1"	3 1/2"	-	9 1/2		
12"	3"	3500	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.

Wheel Selection