

PHENOLIC WHEELS



**PHENOLIC WHEELS
TM**

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PHENOLIC WHEELS - TM

Capacity

Up to 2500 lbs.



Wheels are molded of heavy macerated or chopped canvas, impregnated with phenolic resin and accurately formed in close fitting molds under high pressure and temperature.

Features

- **Floor Protective:** Non-marking.
- **Excellent Load Carrying:** Characteristics.
- **Highly Shock Resistant.**
- **Usable Temperature:** Continuous operating temperatures from -65° F to +250° F and intermittent duty to 300° F. See special purpose. Textile wheels for temperatures exceeding these limits.
- **Seals:** All wheels that have 1-3/16" bore and either a 1-5/8" or 2-3/16" hub length equipped with 3/4" straight roller bearing have as a standard feature nylon seal retaining/thrust washers which add 3/16" to hub length and are supplied with 1/2" I.D. hardened spanner bushing.

Optional Features

Most sizes of straight roller or tapered roller bearings can be furnished with seals. Material can be machined to custom configurations for your special application.

- **Lubrication:** All wheels with 1-5/8" and 2-3/16" hub length are nominally lubricated through hollow axle. These wheels can be fitted with zerk fittings where specified. The following wheels must be lubricated through hollow axle or be supplied with prelubricated sealed bearings.

All 3", 3-1/4", 3-1/2", 4", 5" x (1-1/4" and 1-1/2") 6"x 5", 8"x 6", 10"x 6", 12"x 4", as well as TH wheels.

Dia. (inch)	Width (inch)	Capacity (lbs)	Hub Length (inch)	Bore (inch)	Bearing (inch)	Wt. (lbs)	Part Number Roller Bearing (01)	Part Number Tapered Roller (09)
4	2	800	2-3/16	1-3/16	1/2	1-1/2	TM0420108	
4	2	800	2-3/16	1-3/16	5/8	1-1/2	TM0420110	
4	2	800	2-3/16	1-3/16	3/4	1-1/2	TM0420112	
5	2	1000	2-3/16	1-3/16	1/2	1-3/4	TM0520108	
5	2	1000	2-3/16	1-3/16	5/8	1-3/4	TM0520110	
5	2	1000	2-3/16	1-3/16	3/4	1-3/4	TM0520112	
6	2	1200	2-3/16	1-3/16	1/2	2-1/2	TM0620108	
6	2	1200	2-3/16	1-3/16	5/8	2-1/2	TM0620110	
6	2	1200	2-3/16	1-3/16	3/4	2-1/2	TM0620112	
6	3	2000	3-1/4	1-3/16	1	5	TM0650116	
6	3	2000	3-1/4	1-3/16	1-1/4	5	TM0650120	
6	3	2000	3-1/2	1-3/16	3/4	4-3/4		TM0650912
6	3	2000	3-1/2	1-3/16	1	4-3/4		TM0650916
6	3	2000	3-1/2	1-3/16	1-1/4	4-3/4		TM0650920
7	3	2200	3-1/4	1-15/16	1	6-1/2	TM0750116	
7	3	2200	3-1/4	1-15/16	1-1/4	6-1/2	TM0750120	
7	3	2200	3-1/2	1-15/16	3/4	6-1/4		TM0750912
7	3	2200	3-1/2	2	1	6-1/4		TM0750916
7	3	2200	3-1/2	2-11/32	1-1/4	6-1/4		TM0750920
8	2	1400	2-3/16	1-3/16	5/8	4	TM0820110	
8	2	1400	2-3/16	1-3/16	3/4	4	TM0820112	
8	3	2500	3-1/4	1-15/16	1	7-1/4	TM0850116	
8	3	2500	3-1/4	1-15/16	1-1/4	7-1/4	TM0850120	
8	3	2500	3-1/2	1-15/16	3/4	7		TM0850912
8	3	2500	3-1/2	2	1	7		TM0850916
8	3	2500	3-1/2	2-11/32	1-1/4	7		TM0850920

****Capacity Rating is for manual operation. Rating shown is for highest rated capacity bearing.**

= Wheels are c/w spanner bushing and nylon seal retaining/thrust washers.

Hub length of tapered roller bearing wheel shown is measured over spacer tubes.

Hub length of ball bearing wheels 1/4" greater than shown and capacity rating not to exceed 900#.

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PHENOLIC/TEXITE

Continued

Dia. (inch)	Width (inch)	Capacity (lbs)	Hub Length (inch)	Bore (inch)	Bearing (inch)	Wt. (lbs)	Part Number Roller Bearing (01)	Part Number Tapered Roller (09)
10	3	2900	3-1/4	1-15/16	1	9-3/4	TM1050116	
10	3	2900	3-1/4	1-15/16	1-1/4	9-3/4	TM1050120	
10	3	2900	3-1/2	1-15/16	3/4	9-1/2		TM0750912
10	3	2900	3-1/2	2	1	9-1/2		TM0750916
10	3	2900	3-1/2	2-11/32	1-1/4	9-1/2		TM0750920
12	3	3500	3-1/4	1-15/16	1	12-3/4	TM1250116	
12	3	3500	3-1/4	1-15/16	1-1/4	12-3/4	TM1250120	
12	3	3500	3-1/2	1-15/16	3/4	12-3/4		TM1250912
12	3	3500	3-1/2	2	1	12-1/2		TM1250916
12	3	3500	3-1/2	2-11/32	1-1/4	12-1/2		TM1250920
12	4	8000	4-1/2	2-11/32	1-1/4	26-1/4		TM1270920
16	3	4000	4-1/4	2-7/16	1-1/4	25	TM1650120	
16	3	4000	4-1/4	2-7/16	1-1/2	25	TM1650124	
16	3	4000	4-1/2	2-7/16	1-1/4	25-3/4		TM1650920
16	4	8000	5-1/4	2-7/16	1-1/4	35-3/4	TM1670120	
16	4	8000	5-1/4	2-7/16	1-1/2	35-3/4	TM1670124	
16	4	8000	5-1/2	2-7/16	1-1/4	35-1/4		TM1670920
18	3	3500	3-1/4	1-15/16	1	23-3/4	TM1850116	
18	3	3500	3-1/4	1-15/16	1-1/4	23-3/4	TM1850120	

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Hub length of tapered roller bearing wheel shown is measured over spacer tubes.

Hub length of ball bearing wheels 1/4" greater than shown and capacity rating not to exceed 900#.

PHENOLIC/HIGH TEMP TEXITE



High Temperature Phenolic Wheels (TR) use the same resin as the standard Texite Wheel, but the filler material is substituted with a material that will take higher heat before breaking down.

The material is a reddish brown.

Temperature range - will take heat continuous to + 475° F.
(Intermittent to + 525° F)

Wheels are available with:

- Stainless Steel Spanner Bushings.
- Stainless Steel Roller Bearings.
- Electroless Nickel Plated Roller Bearings.

Applications include baking ovens, curing ovens and autoclaves.

HIGH-TEMP PHENOLIC - HT

Capacity Up to 2600 lbs.



Features

- Phenolic resin mixed with macerated canvas made for high temperature applications best suited for dry heat (powder coating, bakeries, etc).
- Exceptional resistance to oil, grease, and most acids, chemicals and cleaning solutions.
- Hard tread rolls exceptionally easy; not recommended for rough surfaces.
- Durometer: 95 Shore D +/-5.
- Temperature range: -40°F to +475°F continuous, 550°F intermittent.

Diameter (inch)	Width (inch)	Hub Length	Capacity (lbs)	Roller Bearings*	Part Number
4	2	2-3/16	600	02, 04, 05, 09, 92	HT40JQ*
5	2	2-3/16	750	02, 04, 05, 09, 92	HT50JQ*
6	2	2-3/16	900	02, 04, 05, 09, 92	HT60JQ*
8	2	2-3/16	1100	02, 04, 05, 09, 92	HT80JQ*
8	3	3-1/4	1900	24, 26	HT80LQ*
10	3	3-1/4	2400	24, 26	HT10LQ*
12	3	3-1/4	2600	24, 26	HT12LQ*

Replace* with desired bearing code.

02 Roller bearing ID 5/8", 04 Roller bearing ID 3/4",

05 SS Roller bearing ID 3/4", 09 Caged roller bearing ID 3/4"

92 I.D. 3/4" Roller bearing w/stl. bushing 1/2" inner diameter

24 Roller bearing ID 1", 26 Roller bearing ID 1-3/4"

