

# TH/TS Economical

## Straight Sided Phenolic



TH/TS wheels are molded of heavy macerated or chopped cotton denim, impregnated with phenolic resin and formed in close fitting molds under high pressure and temperature. They are non-marking and excellent load carriers.

### FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black
- **Temperature Range:** -65°F to +250°F (+300°F intermittent)
- **Hardness:** Rockwell 102 E

### WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (Lbs)	Wheel Number Roller Bearing (01)
<b>Straight Sided Phenolic (TH, TS)</b>								
4	1-1/2	500	1-27/32	1-1/16	3/4	3/4		TS0410112
4	1-7/8	800	2-13/32	1-3/16	3/4	1		TS0420112
4	2	1000	2-3/16	1-3/16	1/2	1-3/4		TH0420108
4	2	1000	2-3/16	1-3/16	5/8	1-3/4		TH0420110
4	2	1000	2-3/16	1-3/16	3/4	1-3/4		TH0420112~
5	1-1/2	500	1-27/32	1-1/16	3/4	1-1/4		TS0510112~
5	1-7/8	1000	2-13/32	1-3/16	3/4	1-1/2		TS0520112
5	2	1200	2-3/16	1-3/16	1/2	2-1/4		TH0520108
5	2	1200	2-3/16	1-3/16	5/8	2-1/4		TH0520110
5	2	1200	2-3/16	1-3/16	3/4	2-1/4		TH0520112~
6	1-1/2	500	1-27/32	1-3/16	3/4	1-1/4		TS0610112
6	1-7/8	1200	2-13/32	1-3/16	3/4	1-3/4		TS0620112
6	2	1500	2-3/16	1-3/16	1/2	3		TH0620108
6	2	1500	2-3/16	1-3/16	5/8	3		TH0620110
6	2	1500	2-3/16	1-3/16	3/4	3		TH0620112~
8	1-7/8	1400	2-13/32	1-3/16	3/4	4		TS0820112

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

# TM Economical

## Phenolic



TM wheels are molded of heavy macerated or chopped cotton denim, impregnated with phenolic resin and formed in close fitting molds under high pressure and temperature. They are non-marking and excellent load carriers.

### FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black
- **Temperature Range:** -65°F to +250°F (+300°F intermittent)
- **Hardness:** Rockwell 102 E

### WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (Lbs)	Wheel Number Roller Bearing (01)	Wheel Number Tapered Roller (09)
<b>Phenolic (TM)</b>									
3	1-1/4	400	1-3/8	1-1/16	1/2	1/2		TM0300108	
3-1/4	1-1/2	600	1-5/8	1-3/16	1/2	3/4		TM0310108	
3-1/4	1-1/2	600	1-5/8	1-3/16	5/8	3/4		TM0310110	
3-1/4	1-1/2^A	600	1-5/8	1-3/16	3/4	3/4		TM0310112~	
3-1/4	2	700	2-3/16	1-3/16	1/2	1-1/4		TM0320108	
3-1/4	2	700	2-3/16	1-3/16	5/8	1-1/4		TM0320110	
3-1/4	2	700	2-3/16	1-3/16	3/4	1-1/4		TM0320112~	
3-1/2	1-1/4	400	1-3/8	1-1/16	1/2	3/4		TM03X0108	
4	1-1/4	400	1-3/8	1-1/16	1/2	3/4		TM0400108	
4	1-1/2	600	1-5/8	1-3/16	1/2	1		TM0410108	
4	1-1/2	600	1-5/8	1-3/16	5/8	1		TM0410110	
4	1-1/2^A	600	1-5/8	1-3/16	3/4	1		TM0410112~	
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	1-1/4	400	1-3/8	1-1/16	1/2	1-1/4		TM0500108	
5	1-1/2	600	1-5/8	1-3/16	1/2	1-1/2		TM0510108	
5	1-1/2	600	1-5/8	1-3/16	5/8	1-1/2		TM0510110	
5	1-1/2^A	600	1-5/8	1-3/16	3/4	1-1/2		TM0510112~	
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	1-1/2	800	1-5/8	1-3/16	1/2	1-1/2		TM0610108	
6	1-1/2	800	1-5/8	1-3/16	5/8	1-1/2		TM0610110	
6	1-1/2^A	800	1-5/8	1-3/16	3/4	1-1/2		TM0610112~	
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	

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

^ 2 7/16" spanner and spacers included.

\*\*Specially machined wheel built from 2 modified 3" tread width wheels.

PHENOLIC WHEELS • UP TO 1500



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## Phenolic



See previous page for TM description and product details.

## TR Heat Resistant Phenolic



Similar to TM wheels, but the temperature range increases to up to +475°F continuous use or +525°F intermittent use for TR wheels. Color is reddish green. See TM wheel for features and options. To order TR wheels, change TM wheel number to **TR**. Example: **TR1040116**. Capacities are reduced – consult factory.

## TL Laminated Phenolic



Consult factory for models and options

TL wheels feature a laminated tread that is highly resistant to chipping or fraying. Wheels are molded of heavy macerated or chopped cotton denim, impregnated with phenolic resin and formed in close fitting molds under high pressure and temperature. They are non-marking and excellent load carriers. Color is brown with black core. See TM wheel for features and options. To order TL wheels, change **TM** in wheel number to **TL**. Example: **TL1040116**.

Phenolic (TM)							Wheel Number Roller (01, 05, 07)	Wheel Number Tapered Roller (09)
Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (Lbs)		
6	2	1200	2-3/16	1-3/16	3/4	2-1/2	TM0620112~	
6	2-1/2	1600	3-1/4	1-15/16	1	4-1/2	TM0640116	
6	2-1/2	1600	3-1/4	1-15/16	1-1/4	4-1/2	TM0640120	
6	2-1/2	1600	2-3/4	1-15/16	1	4-1/4	TM0640516	
6	2-1/2	1600	2-3/4	1-3/16	3/4	3-1/2	TM0640712	
6	2-1/2	1600	3-1/2	1-15/16	3/4	4-1/4		TM0640912
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	1-1/16	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	2-1/2	2000	3-1/4	1-15/16	1	6-1/4	TM0840116	
8	2-1/2	2000	3-1/4	1-15/16	1-1/4	6-1/4	TM0840120	
8	2-1/2	1800	2-3/4	1-15/16	1	5-3/4	TM0840516	
8	2-1/2	1600	2-3/4	1-3/16	3/4	5-1/4	TM0840712	
8	2-1/2	2000	3-1/2	1-15/16	3/4	6		TM0840912
8	2-1/2	2000	3-1/2	2	1	6		TM0840916
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
8	6**	5000	6-1/2	2-11/32	1-1/4	15-1/2		TM0890920
10	2-1/2	2500	3-1/4	1-15/16	1	7-3/4	TM1040116	
10	2-1/2	2500	3-1/4	1-15/16	1-1/4	7-3/4	TM1040120	
10	2-1/2	2500	2-3/4	1-15/16	1	7-1/2	TM1040516	
10	2-1/2	2500	2-3/4	1-3/16	3/4	7	TM1040712	
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		TM1050912
10	3	2900	3-1/2	2	1	9-1/2		TM1050916
10	3	2900	3-1/2	2-11/32	1-1/4	9-1/2		TM1050920
10	6**	5800	6-1/2	2-11/32	1-1/4	20-1/2		TM1090920
12	2-1/2	3000	3-1/4	1-15/16	1	11-3/4	TM1240116	
12	2-1/2	3000	3-1/4	1-15/16	1-1/4	11-3/4	TM1240120	
12	2-1/2	1800	2-3/4	1-15/16	1	11-1/4	TM1240516	
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	12-1/2		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	3-1/2	4000	4-1/4	2-7/16	1-1/4	23-1/2	TM1260120	
12	3-1/2	4000	4-1/4	2-7/16	1-1/2	23-1/2	TM1260124	
12	3-1/2	4000	4-1/2	2-7/16	1	23		TM1260916
12	3-1/2	4000	4-1/2	2-7/16	1-1/4	23		TM1260920
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	34-1/4		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	

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

^ 2<sup>7</sup>/<sub>16</sub>" spanner and spacers included.

\*\*Specially machined wheel built from 2 modified 3" tread width wheels.