

Thermo® Wheels

Capacity up to 1100 lbs each



Thermo wheels feature a standard operating temperature range from -70°F (continuous service) to +525°F (intermittent service, +480°F continuous service). These wheels are molded from an exclusive engineered resin compound that offers non-marking floor protection, near zero water absorption, high load capacities and long service life. A special manufacturing process enables the wheels to retain a consistent bearing bore even when exposed to elevated temperatures. Furthermore, Thermo wheels are 100% recyclable, and they are highly resistant to animal fats, vegetable oils and salt solutions. The life expectancy of Thermo wheels is three times longer than high-temp phenolic wheels, and they offer an equal load capacity. Unlike high-temp phenolic wheels, Colson Thermo wheels have no outer skin that can break and absorb water or other fluids.

Temperature range: -70°F to +525°F intermittent service (+480°F continuous service).

Hardness: 85(±5) Durometer Shore D scale.

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Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length	
3"	1 1/2"	600	Plain	4.00003.812 HT	—	3/4"	1 3/4"	1/2"	27/16"	1/2
			Less Bearing	4.00003.816 HT	—	1 3/16"	1 5/8"	—	—	1/2
			Roller	4.00003.819 HT	3/4"	1 3/16"	1 5/8"	1/2"	27/16"	1/2
3 1/2"	1 1/4"	300	Plain	2.00003.52 HT	—	1/2"	17/16"	3/8"	1 1/2"	3/8
4"	1 1/4"	300	Plain	2.00004.52 HT	—	1/2"	17/16"	3/8"	1 1/2"	3/4
	1 1/2"	700	Plain	4.00004.812 HT	—	3/4"	1 3/4"	1/2"	27/16"	3/4
			Less Bearing	4.00004.816 HT	—	1 3/16"	1 5/8"	—	—	3/4
			Roller	4.00004.819 HT	3/4"	1 3/16"	1 5/8"	1/2"	27/16"	3/4
	2"	800	Plain	5.00004.832 HT	—	3/4"	2 3/8"	1/2"	27/16"	3/4
			Less Bearing	5.00004.836 HT	—	1 3/16"	2 3/16"	—	—	3/4
Roller			5.00004.839 HT	3/4"	1 3/16"	2 3/16"	1/2"	27/16"	3/4	
5"	1 1/4"	325	Plain	2.00005.52 HT	—	1/2"	17/16"	3/8"	1 1/2"	1
	1 1/2"	800	Plain	4.00005.812 HT	—	3/4"	1 3/4"	1/2"	27/16"	3/4
			Less Bearing	4.00005.816 HT	—	1 3/16"	1 5/8"	—	—	3/4
			Roller	4.00005.819 HT	3/4"	1 3/16"	1 5/8"	1/2"	27/16"	3/4
	2"	1000	Plain	5.00005.832 HT	—	3/4"	2 3/8"	1/2"	27/16"	1
			Less Bearing	5.00005.836 HT	—	1 3/16"	2 3/16"	—	—	1
Roller			5.00005.839 HT	3/4"	1 3/16"	2 3/16"	1/2"	27/16"	1	
6"	2"	1100	Plain	5.00006.832 HT	—	3/4"	2 3/8"	1/2"	27/16"	12/3
			Less Bearing	5.00006.836 HT	—	1 3/16"	2 3/16"	—	—	12/3
			Roller	5.00006.839 HT	3/4"	1 3/16"	2 3/16"	1/2"	27/16"	12/3

Wheel Options

- Bronze bearing: To order, change 9th digit in model number to "4" (Example: 5.00005.834 HT).