

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.

Colson Thermo Wheels • Capacity up to 1100 lbs each

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
			Plain	4.00004.812 HT	—	3/4"	1 3/4"	1/2"	27/16"	3/4
	1 1/2"	700	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
			Plain	4.00005.812 HT	—	3/4"	1 3/4"	1/2"	27/16"	3/4
	1 1/2"	800	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).