

# Moldon Polyurethane HI-TECH® Wheels

Capacity up to 300 lbs each



Polyurethane tread is bonded to a polyolefin core. Tread is molded in, around and through a ribbed extension of the core to prevent debonding. Standard colors are maroon tread on grey core. This is a very attractive, all purpose wheel. Resistant to most chemicals, solvents, water and acids.

**Temperature range:** -45°F to +180°F.

**Hardness:** 45(±5) Durometer Shore D scale.



Wheel Core

## Colson Moldon Polyurethane HI-TECH Wheels • Capacity up to 300 lbs each

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 1/4"	250	Delrin	2.00002.91	1/2"	29/32"	17/16"	3/8"	1 1/2"	TG1: 57852	1/4
			Ball	2.00002.95	3/8"	-	1 1/2"	-	-		1/4
3"	7/8"	100	Delrin	1.00003.91	7/16"	5/8"	1 1/32"	5/16"	17/64"	TG1: 57852.03	1/3
	1 1/4"	200	Plain	2.00003.92	-	1 1/2"	17/16"	3/8"	1 1/2"	-	3/8
3 1/2"	1 1/4"	250	Delrin	2.00003.91	1/2"	29/32"	17/16"	3/8"	1 1/2"	TG1: 57854.01	3/8
			Ball	2.00003.95	3/8"	-	1 1/2"	-	-		3/8
4"	7/8"	125	Delrin	1.00004.91	7/16"	5/8"	1 1/32"	5/16"	17/64"	-	1/2
			Delrin	2.00004.91	1/2"	29/32"	17/16"	3/8"	1 1/2"	TG1: 57854.01	1/2
	Ball	2.00004.95	3/8"	-	1 1/2"	-	-	1/2			
5"	7/8"	140	Delrin	1.00005.91	7/16"	5/8"	1 1/32"	5/16"	17/64"	-	1/2
			Delrin	2.00005.91	1/2"	29/32"	17/16"	3/8"	1 1/2"	TG1: 57866.03	3/4
	Ball	2.00005.95	3/8"	-	1 1/2"	-	-	TG2: 57852.43	3/4		

### Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- Thread Guards: Specify "TG1" (metal), "TG2" (plastic).
- Custom colors to match your equipment (consult factory).



Capacity up to 1700 lbs each



Industrial strength polyurethane tread is bonded to a “ribbed” polyolefin core. This design adds strength for loads subjected to shock and hard impacts. Tread is molded in, around and through a ribbed extension of the core to prevent debonding. Standard colors are maroon tread on grey core. **Not recommended for conditions of continuous operation such as tow-line, etc.**



Wheel Core

**Temperature Range:** -45°F to +180°F.

**Hardness:** 55(±5) Durometer Shore D scale.

## Colson Moldon Polyurethane HI-TECH Wheels • Capacity up to 1700 lbs each

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"	1½"	300	Delrin	3.00003.901	¾"	1¾"	1⅝"	⅜"	1⅞"	–	¾
			Roller	3.00003.909	¾"	1¾"	1⅝"	⅜"	1⅞"	–	1
			Delrin	4.00003.911	¾"	1¾"	1⅝"	½"	2⅞"	–	¾
			Roller	4.00003.919	¾"	1¾"	1⅝"	½"	2⅞"	–	1
4"	1½"	400	Delrin	3.00004.901	¾"	1¾"	1⅝"	⅜"	1⅞"	–	1
			Roller	3.00004.909	¾"	1¾"	1⅝"	⅜"	1⅞"	–	1¼
			Delrin	4.00004.911	¾"	1¾"	1⅝"	½"	2⅞"	TG1: 57852.23	1
			Roller	4.00004.919	¾"	1¾"	1⅝"	½"	2⅞"	TG1: 57852.23	1¼
	2"	600	Delrin	5.00004.921	¾"	1¾"	2⅜"	½"	2⅞"	TG1: 57852.23	1¼
			Roller	5.00004.929	¾"	1¾"	2⅜"	½"	2⅞"	TG1: 57852.23	1½
5"	1½"	500	Delrin	3.00005.901	¾"	1¾"	1⅝"	⅜"	1⅞"	TG1: 57852.10	1¼
			Roller	3.00005.909	¾"	1¾"	1⅝"	⅜"	1⅞"	TG1: 57852.10	1½
			Delrin	4.00005.911	¾"	1¾"	1⅝"	½"	2⅞"	TG1: 57852.11	1¼
			Roller	4.00005.919	¾"	1¾"	1⅝"	½"	2⅞"	TG1: 57852.11	1½
	2"	750	Delrin	5.00005.921	¾"	1¾"	2⅜"	½"	2⅞"	TG1: 57852.11	1¼
			Roller	5.00005.929	¾"	1¾"	2⅜"	½"	2⅞"	TG1: 57852.11	1½
6"	1½"	600	Delrin	3.00006.901	¾"	1¾"	1⅝"	⅜"	1⅞"	TG1: 57852.08	1½
			Roller	3.00006.909	¾"	1¾"	1⅝"	⅜"	1⅞"	TG1: 57852.08	1¾
			Delrin	4.00006.911	¾"	1¾"	1⅝"	½"	2⅞"	TG1: 52001.86	1½
			Roller	4.00006.919	¾"	1¾"	1⅝"	½"	2⅞"	TG1: 52001.86	1¾
	2"	900	Delrin	5.00006.921	¾"	1¾"	2⅜"	½"	2⅞"	TG1: 52001.86	1⅝
			Roller	5.00006.929	¾"	1¾"	2⅜"	½"	2⅞"	TG1: 52001.86	1⅞
8"	1½"	800	Delrin	4.00008.911	¾"	1¾"	1⅝"	½"	2⅞"	TG1: 57852.05	2¼
			Roller	4.00008.919	¾"	1¾"	1⅝"	½"	2⅞"	TG1: 57852.05	2½
	2"	1000	Delrin	5.00008.921	¾"	1¾"	2⅜"	½"	2⅞"	TG1: 57852.04	2½
			Roller	5.00008.929	¾"	1¾"	2⅜"	½"	2⅞"	TG1: 57852.04	2¾
10"	2½"	1200	Delrin	7.00010.951	1"	1⅝"	¾"	¾"	3½"	–	6
			Roller	7.00010.959	1"	1⅝"	¾"	¾"	3½"	–	6¼
12"	3"	1700	Delrin	7.00012.981	1"	1⅝"	¾"	¾"	3½"	–	7
			Roller	7.00012.989	1"	1⅝"	¾"	¾"	3½"	–	7½

### Wheel Options

- Delrin Bearing Less Bushing: Specify **"WB01B"**.
- Metal cage roller bearing: Specify **"WB29"**.
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**.
- Custom colors to match your equipment (consult factory).
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**.
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**.
- Roller bearing sintered iron step washers: Specify **"WSR2"**.
- Pedestal Precision Ball Bearing (PPBB): Available on 1½" and 2" tread width models. To order change ninth digit in model number to **"5"** (Example: 5.00006.925). Also available in stainless steel, consult factory.
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**.
- Roller Bearing less Bushing: Specify **"WB09B"**.
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**.
- Thread Guards: Specify **"TG1"** (metal).