

Moldon Nylon Aluminum Core Wheels

Capacity up to 1500 lbs each



Wheel Core

Brown nylon tread is molded in, around and through slots in an aluminum wheel core. This mechanical tread locking system helps prevent tread bond failures under harsh operating conditions found in meat packing and food processing industries. A nylon wheel is recommended for applications requiring a high resistance to water, oils, gasoline, grease and certain salt solutions. Nylon is also resistant to paints and lacquers, cosmetic preparations, detergents, aerosol preparations, and animal and vegetable fats. Note: Nylon tread wheels bonded to a thermoplastic wheel core are available, consult factory.

Temperature range: -45°F to +180°F (If metal retainer washer used, temperature range is -45° to +250° F).

Hardness: 70(±5) Durometer Shore D scale.

Colson Moldon Nylon Aluminum Core Wheels • Capacity up to 1500 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		
5"	2"	1000	Delrin	5.00005.931.3	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57852.11	2
			Roller	5.00005.939.3	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57852.11	2
6"	2"	1200	Delrin	5.00006.931.3	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 52001.86	2 ² / ₃
			Roller	5.00006.939.3	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 52001.86	2 ² / ₃
8"	2"	1500	Delrin	5.00008.931.3	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57852.04	3 ² / ₃
			Roller	5.00008.939.3	3/4"	13/16"	23/16"	1/2"	27/16"	TG1: 57852.04	3 ² / ₃

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11".
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B".
- Metal cage roller bearing: Specify "WB29".
- Torrington style with Hytrel retainer (2" tread width): Specify "WB19".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Roller bearing sintered iron step washers: Specify "WSR2".
- Roller bearing sealed metal retainer washer: Specify "WSR3".
- Pedestal Precision Ball Bearing (PPBB): To order change ninth digit in model number to "5" (Example: 5.00006.935.3). Also available in stainless steel, consult factory.

Commander HD Wheels

Capacity up to 7200 lbs each



The Commander HD wheel is perfected for superior performance under heavy loads (2,000-7,200 lbs. each) and abusive impacts. Critical applications for this wheel include: die carts, engine hoists, ground support equipment and much more. The unique and durable Nylatron® wheel material provides floor protection where steel, iron or phenolic wheels do not. The wheel's tread resists moisture and most chemicals, making it suitable for corrosive environments. The slightly crowned tread profile provides better mobility than flat tread wheels.

Temperature range: -30°F to +220°F.

Hardness: 80(±5) Shore D scale.

Commander HD Wheels • Capacity up to 7200 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Top Hat Spanner Bushing		Weight (Pounds)
					Bore	Length	
4"	2"	2160	Prec. Ball	5.00004.5PN	1/2"	27/16"	4
5"	2"	2160	Prec. Ball	5.00005.5PN	1/2"	27/16"	5
6"	2"	2160	Prec. Ball	5.00006.5PN	1/2"	27/16"	6
	3"	7200	Prec. Ball	7.00006.5PN	3/4"	3 1/2"	6 1/2
8"	2"	2160	Prec. Ball	5.00008.5PN	1/2"	27/16"	8
	3"	7200	Prec. Ball	7.00008.5PN	3/4"	3 1/2"	9
10"	3"	7200	Prec. Ball	7.00010.5PN	3/4"	3 1/2"	10

Wheel Selection