

# POLYURETHANE/ALUMINUM CORE

## POLYURETHANE/ ALUMINUM CORE - PD

Capacity Up to 7500 lbs.



Composed of a polyurethane elastomer, open cast or injection molded, on clean, close tolerance cores. Polyurethane tread is chemically bonded to aluminum core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels. PA wheels feature **cast** aluminum core. PD wheels feature **die cast** aluminum cores.

### Features

- **Hardness:** 95 Shore A (Cast Aluminum Core) and 60 Shore D (Die Cast Aluminum Core).
- **Finish:** Green tread on aluminum core.
- **Temperature Range:** -40° to +180°F.

### Wheel Options

- **Note:** Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult Acorn™.
- For customization & special application options, please consult Acorn™.

Dia. (inch)	Width (inch)	Capacity (lbs)	Hub Length (inch)	Bore (inch)	Bearing (inch)	Wt. (lbs)	Part Number
4	2	700	2-3/16	1-3/16	1/2	1-1/2	PD42R08
4	2	700	2-3/16	1-3/16	5/8	1-1/2	PD42R10
4	2	700	2-3/16	1-3/16	3/4	1-1/2	PD42R12
5	2	1050	2-3/16	1-3/16	1/2	1-3/4	PD52R08
5	2	1050	2-3/16	1-3/16	5/8	1-3/4	PD52R10
5	2	1050	2-3/16	1-3/16	3/4	1-3/4	PD52R12
6	2	1230	2-3/16	1-3/16	1/2	2-1/4	PD62R08
6	2	1230	2-3/16	1-3/16	5/8	2-1/4	PD62R10
6	2	1230	2-3/16	1-3/16	3/4	2-1/4	PD62R12
8	2	1500	2-3/16	1-3/16	1/2	3-1/4	PD82R08
8	2	1500	2-3/16	1-3/16	5/8	3-1/4	PD82R10
8	2	1500	2-3/16	1-3/16	3/4	3-1/4	PD82R12
8	3	2520	3-1/4	1-15/16	1	4-1/4	PD83R16
8	3	2520	3-1/4	1-15/16	1-1/4	4-1/4	PD83R20
8	3	2520	3-1/4	1-15/16	3/4	4-1/4	PD83P12
10	3	3000	3-1/4	1-15/16	1	5	PD103R16
10	3	3000	3-1/4	1-15/16	1-1/4	5	PD103R20
10	3	3000	3-1/4	1-15/16	3/4	5	PD103P12
12	6	7500	6-1/2	2.33	1-1/4	25-3/4	PA126T20

\* R = Roller Bearing; T = Tapered Bearing; P = Precision Bearing  
CUSTOM STRAIGHT-SIDED ALUMINUM CORES WITH PRECISION BEARINGS ARE AVAILABLE FOR ANY DUROMETER POLYURETHANE.

# ROUND TREAD POLYURETHANE/ALUMINUM CORE

## POLYURETHANE/ ALUMINUM CORE - PM

**Capacity** Up to 1500 lbs.



### Features

- **Hardness:** 90 Shore A (green) or 80 Shore A (butterscotch).
- Wheels furnished complete with top hats spacers and sealed precision bearings.
- **Wheel face:** Donut tread.
- **Finish:** Green tread (90 Shore A) on aluminum core.
- **Temperature Range:** -40°F to +180°F.

Dia. (inch)	Width (inch)	Capacity (lbs)	Hub Length (inch)	Bore (inch)	Bearing (inch)	Wt. (lbs)	Part Number*
5	2	1000	2-7/16	1-9/16	1/2	2	PM52P08
6	2	1250	2-7/16	1-9/16	1/2	3	PM62P08
8	2	1500	2-7/16	1-9/16	1/2	4	PM82P08
5	2	1000	2-7/16	1-9/16	1/2	2	PM52P0890A
6	2	1250	2-7/16	1-9/16	1/2	3	PM62P0890A
8	2	1500	2-7/16	1-9/16	1/2	4	PM82P0890A

\*P = Precision Bearing

Composed of a polyurethane elastomer, open cast or injection molded, on clean, close tolerance cores. Wheels feature a chemical and mechanical lock of tread to the core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels.

### Wheel Options

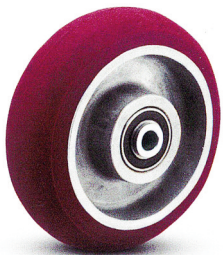
- Standard 90A Shore A
- Available in **80 Shore A**  
Change **PM52P0880A**



Tread is mechanically and chemically bonded through a patented process to a light weight durable aluminum core.

## POLYURETHANE/ ALUMINUM CORE - AX

**Capacity** Up to 1500 lbs.



### Features

- **Hardness:** 80 Shore A.
- Wheels furnished complete with top hats spacers and sealed precision bearings.
- **Wheel Face:** Donut tread.
- **Finish:** Red.
- **Temperature Range:** -40°F to +180°F.

Dia. (inch)	Width (inch)	Capacity (lbs)	Hub Length (inch)	Bore (inch)	Bearing (inch)	Wt. (lbs)	Part Number*
5	2	1000	2-7/16	1-9/16	1/2	2	AX52P08
6	2	1250	2-7/16	1-9/16	1/2	3	AX62P08
8	2	1500	2-7/16	1-9/16	1/2	4	AX82P08

\*P = Precision Bearing

The best ergonomic solution wheel.  
Available in 3 sizes. Hand push and towable.  
Long life wheel.