

# Aluminum Wheels

OEM Quality - Power Products Value



**One Piece, Forged Brilliance:** Power Products Aluminum Disc Wheels are forged from a single piece of aluminum. The manufacturing process is completely computer controlled in state-of-the-art ISO9001: 2000 facility. The result is OEM quality, performance and durability with approximately 20% less weight than steel wheels for greater fuel efficiency or higher payload.



- ▶ Meets/exceeds industry specifications for metallurgy, grain structure and forging design.
- ▶ Meets/exceeds SAE J267 for Truck Wheel Performance.
- ▶ Meets/exceeds SAE J267 test standards for rotary & radial fatigue, load impact and rotational bending.
- ▶ Tests are independently verified in same USA laboratory as USA OEM suppliers
- ▶ Better heat dissipation than steel wheels extends tire and brake life
- ▶ Power Protection Warranty is 5 years from manufacturers date, under normal and standard use (excludes finish)

[www.e-pdc.com](http://www.e-pdc.com)

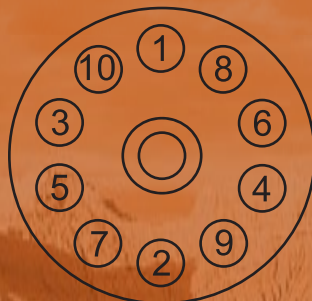
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## All 10 Hole Applications

P/N	Size	Pilot	Polish	Approx. Weight	Accuride Cross	Alcoa Cross
AW24.5S	24.5 x 8.25	Stud	Unpolished	62 lbs.	27599ANP	983120
AW24.5SPI	24.5 x 8.25	Stud	Inside	62 lbs.	27599AIP	983122
AW24.5H	24.5 x 8.25	Hub	Unpolished	62 lbs.	29362ANP	983640
AW24.5HPO	24.5 x 8.25	Hub	Outside	62 lbs.	29362AOP	983641
AW24.5HPI	24.5 x 8.25	Hub	Inside	62 lbs.	29362AIP	983642
AW22.5S	22.5 x 8.25	Stud	Unpolished	52 lbs.	28615ANP	883110
AW22.5SPO	22.5 x 8.25	Stud	Outside	52 lbs.	28615AOP	883111
AW22.5SPI	22.5 x 8.25	Stud	Inside	52 lbs.	28615AIP	883112
AW22.5H	22.5 x 8.25	Hub	Unpolished	52 lbs.	29644ANP	883640
AW22.5HPO	22.5 x 8.25	Hub	Outside	52 lbs.	29644AOP	883641
AW22.5HPI	22.5 x 8.25	Hub	Inside	52 lbs.	29644AIP	883642

Note - Tire valves are included.



Nut Tightening Sequence  
for Hub Piloted Disc Wheels

When specifying new equipment, Power Products suggests Hub Piloted designed wheel ends. The benefits of WN6000 style flange nut vs. inner/outer cap nut design:

- ▶ Saves time in replacement
- ▶ Greater clamping force per specific torque
- ▶ Eliminates left handed components
- ▶ More dependable nut torque retention reduces nut wear

Recommended Mounting Torque for Disc Wheels		
Mounting Type	Nut Thread	Torque Level Ft-Lb (Oiled*)
Hub Piloted with flange nut	11/16" - 16	300-400
	M20 x 1.5 M22 x 1.5	280-330 450-500
		Ft-Lb (Dry)
Stud-Piloted, double cap nut Standard type (7/8" radius)	3/4" - 16	450-500
	1-1/8" - 16	450-500
Stud-Piloted, double cap nut Heavy Duty type (1-3/16" radius)	15/16" - 12	750-900
	1-1/8" - 16	750-900
	1-5/16" - 12	750-900

\* See "Disc Wheel Installation Procedure-Hub Piloted Disc Wheel System" Notes:

1. If using specialty fasteners, consult the manufacturer for recommended torque levels.
2. Tightening wheel nuts to their specified torque levels is extremely important. Under tightening which results in loose wheels can damage wheels, studs and hubs and can result in wheel loss. Over tightening can damage studs, nuts and wheels and result in loose wheels as well.
3. Regardless of the torque method used, all torque wrenches, air wrenches and any other tools should be calibrated periodically to ensure the proper torque is applied.