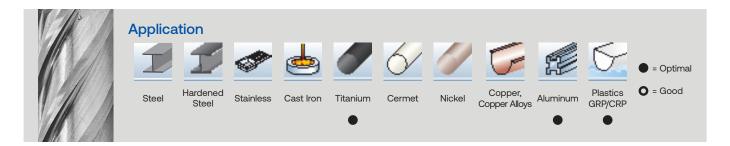
Next Generation Non-Ferrous Cut - Technical Resources

Part of the Next Generation Bur family, delivers superior performance in machining aluminum and other non-ferrous metals

- · Specifically designed for non-ferrous materials with unique cutting edge geometry.
- Delivers increased material removal rates compared to conventional aluminum-cut burs.
- Reduced cutting forces result in a superior surface finish on aluminum and similar metals.
- · Accelerator-N coating minimizes adhesion while maintaining a sharp cutting edge.
- For use on: all grades of aluminum, titanium, and other non-ferrous metals, as well as plastics and fiber-reinforced plastics (GRP/CRP).



Recommended Operating Speeds

The operating speeds listed below serve as a guide for using tungsten carbide burs, based on bur head diameter.

ISO Material Category	Material Description	Application	Bur Cutting Diameter	Speed Range (rpm)
N Non-ferrous metals	Aluminum and other non-ferrous metals, e.g. titanium Non-metallic materials, e.g. plastics, fiber-reinforced plastics	High stock removal	1/4	27,000 - 59,000
			3/8	24,000 - 35,000
			1/2	12,000 - 30,000

Recommended speeds are based on standard shank length burs up to 1 $\frac{3}{4}$ ", with maximum overhang of $\frac{3}{8}$ ". Max operating speed of 15,000 rpm for extended shanks (>1 $\frac{3}{4}$ ").

www.atatools.com **QtQ sgspro** 19