

BAND SAW BLADES ELECTROPLATED (NICKEL BOND)

Precision engineered diamond band saw blades for ultra hard and brittle materials.

Electroplated diamond grit is applied only to the cutting edge in a strong nickel matrix. This edge only design delivers clean cuts, long blade life and reduced material loss.

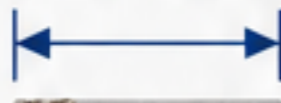


ACTUAL PRODUCT PHOTOS



EDGE ONLY ELECTROPLATED

≈ 1/8" (3 mm)



DIAMOND COATING
(NICKEL BOND)
ON CUTTING EDGE
ONLY



STEEL BODY
(HIGH CARBON
/ STAINLESS)



CUSTOM ENGINEERED

Built to fit your exact material, application and machine.



PROVEN PERFORMANCE

Engineered for high cutting stability and extended blade life.



RELIABLE BY DESIGN

Welded to spec. Guaranteed for the life of the blade.



PREMIUM MATERIALS

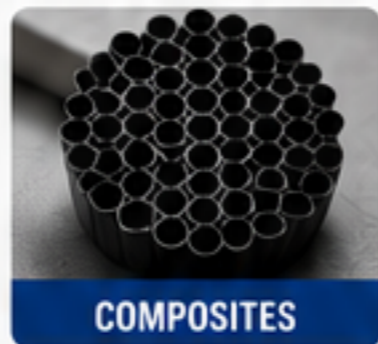
High quality steel and strict process control.



MADE IN USA

Proudly manufactured in the USA.

IDEAL FOR CUTTING ULTRA HARD AND BRITTLE MATERIALS



SPECIFICATIONS

Diamond Bond	Nickel (Electroplated Edge Only)
Coating Depth	≈ 1/8" (3 mm)
Body Material	High Carbon / Stainless Steel
Blade Width	0.032" – 1.50" (0.8 mm – 38 mm)
Blade Thickness	0.008" – 0.025" (0.20 mm – 0.64 mm)
Grit Size (Typical)	60/80, 80/100, 100/120, 120/140, 140/170, 170/200, 200/230, 230/270, 270/325, 325/400, 400/500, 500/600
Kerf	As low as 0.008" (0.20 mm)
Welded Loop	Custom lengths to fit your machine
Min. Wheel Diameter	As low as 2" (50 mm) – consult factory

AVAILABLE OPTIONS

- Various diamond grits and concentrations
- Multiple bond formulations
- Custom widths, thicknesses & lengths
- Welded to specification
- Thin kerf for minimal material loss
- Edge profiles to match application
- For any material and application

TYPICAL APPLICATIONS

- Semiconductor & electronic materials
- Optical materials (glass, sapphire, etc.)
- Advanced ceramics & technical ceramics
- Carbon fiber & graphite composites
- Geological & mineral samples
- Precision components
- Quality control & failure analysis



USED ON

All major band saw machines. Contact us for recommendations for your specific application.

