

BI-METAL UNIQUE SAW TECHNOLOGY

Starrett®

SAW SOLUTIONS

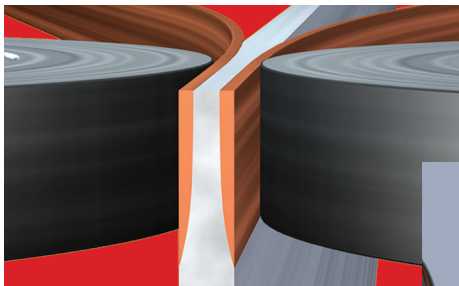
Starrett has broken the boundaries of bi-metal bonding technology. Conventional bi-metal blades use either electron beam or laser to weld the high-speed wire to the alloy backing material. Starrett innovation has developed a state-of-the-art process that resulted in a new generation of better performing band saw blades.

This Starrett exclusive technology joins two strips of high-speed steel wires to the backing steel using a Solid-State Diffusion Bonding. This exciting new process creates a stronger, longer lasting blade.

After initial use, the teeth develop a groove in the softer backing material, altering the blade area engaged in the cut. This creates Multi-Edge Performance. As a result, two chips are generated that are easily removed from the cut and also allows more coolant to flow to the cutting area.

BENEFITS

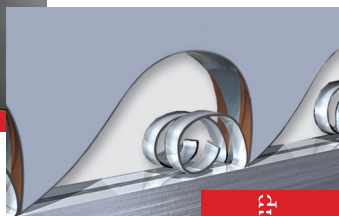
- Breakthrough technology
- Stronger, longer lasting blades
- Tooth stripping greatly reduced
- Multi-Edge Performance
- Lower cost per cut
- Available on all 1" and narrower Starrett bi-metal blades



170% more weld contact area significantly reduces fracture and breakage at the HSS/backing material interface

Starrett®

ADVANTAGE

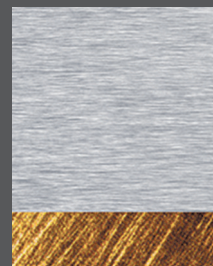


split advantage

The unique grooved tooth geometry produces dual chips that are easily removed from the cut.

bi-metal unique®

1. Patented process providing 170% more weld contact for superior teeth stripping resistance
2. Significantly reduced fracture and breakage
3. Multi-edge cutting performance resulting in faster cuts and longer blade life



Ordinary Blades: Traditional welding or laser bonding



bi-metal unique®: 170% more weld contact area



1 3 4 2



The teeth develop a groove after initial use, altering the blade area engaged in cut for Multi-Edge Performance

