

Bi-Metal Hole Saw for Wood and Metal

This bi-metal hole saw is designed for cutting precise holes in various materials. The optimized tooth design ensures effective drilling and easy material penetration.



ADDITIONAL IMAGES



Overview



Professional Bi-Metal Hole Saw Solution

This high-performance bi-metal hole saw is engineered for precision cutting through a wide variety of materials including wood, metal, and plastics. Featuring high-speed steel (HSS) teeth electron-beam welded to a durable alloy body, it offers exceptional abrasion resistance and an extended tool life. The optimized tooth design and deep-cut capability ensure clean, efficient one-pass cuts for professional applications.

Performance Features

Key Performance Metrics

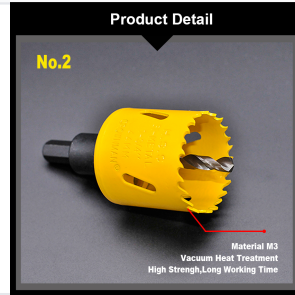
47 mm

Max Cutting Depth

1 pass

Pass Efficiency

Material & Construction



Treatment Process

- Vacuum Heat Treatment for teeth
- Electron-beam welding
- Black treatment on bearing surfaces
- Abrasion resistant coating

Materials

M3 HSS, Cr-V Steel, Bi-Metal Construction, Alloy Steel Body

Technical Specifications

Available Sizes

Diameter (Inch)	Diameter (mm)
3/4"	19
7/8"	22
1"	25
1-1/8"	29
1-1/4"	32
1-3/8"	35
1-1/2"	38
1-3/4"	44
2"	51
2-1/4"	57
2-1/2"	64
3"	76
3-1/2"	89
4"	102
4-1/2"	114
5"	127
6"	152

Application

Compatible Materials

Steel • Stainless Steel • Wood • Plywood • Plastic • Fiberboard • Foam

Compatible Tools

- Portable Electric Drills
- Pneumatic Tools
- Vertical Drill Machines
- Lathe Boring Machines

Design Details



Functional Design

- Multiple knock-out slots for easy plug removal
- Ideal Arc/Camber line design for vertical alignment
- Optimized tooth geometry for easy penetration
- Discharge holes for debris removal