

Masonry bits for tough applications

IDEAL masonry drill bits are manufactured in the USA using state of the art technology. All are heat-treated and brazed in one of the most modern vacuum furnaces available, insuring consistent through-hardening of the steel. Our process demands the use of a premium high temperature, free flowing copper paste for brazing the tip, eliminating voids and producing the strongest bond available.

SDS Rotary Percussion Bit



- Double fast-spiral fluting for superior dust removal, faster drill time and virtually no bind in the hole
- Heat-treating process ensures extra long life even when used on tough, extra hard and abrasive materials
- Shank for use with SDS and SDS plus rotary hammers

SDS Rotary Hammers

The Rotary Percussion Bit is designed for use with SDS rotary hammers. These hammers drill with successive strong impacts while rotating rapidly, bringing the tip into contact with new material as it cuts, and carrying it out along engineered spirals. The hardest of concretes and aggregates can be penetrated if an SDS rotary hammer of proper capacity is used with the appropriate Rotary Percussion Bit.

Description	Cat. No.
3/16 in. x 6-5/8 in. SDS Masonry Bit	90-030
1/4 in. x 6-5/8 in. SDS Masonry Bit	90-031
5/16 in. x 6-5/8 in. SDS Masonry Bit	90-032
3/8 in. x 6-5/8 in. SDS Masonry Bit	90-033
1/2 in. x 6-3/4 in. SDS Masonry Bit	90-034

Rotary Hammer Bit



- Vacuum heat-treated carbide tipped masonry bit for rotary or hammer drilling
- Tip is made of the hardest carbide to retain a sharp cutting edge for drilling masonry materials

Rotary Drills

Use electric rotary drills, hand drills or bit braces for rotary-only drilling applications in softer materials that require no hammering action. Rotary drills should be used when drilling brittle materials, which could shatter under the impact of hammer tools.

Hammer Drills

Use the Rotary Hammer Bit with electric hammer drills for drilling harder brick, limestone, marble materials or concrete with aggregates such as bluestone, granite, and quartz pebble. A hammer drill enhances the fast rotating action of the Rotary Hammer Bit with slight impact that helps to break up material being drilled.

Description	Shank	Cat. No.
3/16 in. x 4 in. Masonry Bit	1/4"	90-003
3/16 in. x 6 in. Masonry Bit	1/4"	90-001
1/4 in. x 4 in. Masonry Bit	1/4"	90-004
1/4 in. x 6 in. Masonry Bit	1/4"	90-002
5/16 in. x 4 in. Masonry Bit	1/4"	90-005
5/16 in. x 6 in. Masonry Bit	1/4"	90-006
3/8 in. x 4 in. Masonry Bit	1/4"	90-008
3/8 in. x 6 in. Masonry Bit	1/4"	90-009
1/2 in. x 6 in. Masonry Bit	3/8"	90-011

Application	Rotary Hammers	Rotary Drills	Hammer Drills
	Rotary Percussion Bit	Rotary Hammer Bit	Rotary Hammer Bit
Bluestone	X		X
Brick (common)	X	X	X
Brick (hard)	X		X
Cement Block	X	X	X
Cinder Block	X	X	X
Concrete (soft)	X	X	X
Concrete (hard)	X		X
Concrete (very hard)	X		
Fieldstone	X		
Flagstone		X	
Granite	X		
Limestone	X	X	X
Marble (soft & medium)	X	X	X
Marble (hard)	X		X
Plaster	X	X	X
Rock	X		X
Sandstone (soft)	X	X	X
Sandstone (hard)	X		X
Slate	X	X	X
Terra Cotta Block	X		X
Terrazzo	X	X	X
Tile, Glazed Vitreous	X		X
Tile, Non-vitrified		X	
Tile, Structural	X		X