

## Ultra Cutters



- Lasts 10 times longer than standard hole saws.
- Precision-ground teeth cut smooth, burr-free holes with ease.
- 1/4" (6.35 mm) capacity.
- Durability and speed provide low cost per hole.
- Split-point pilot drill prevents "walking" – makes accurate hole placement easy.
- Spring-loaded slug ejector saves time.
- No tool required to change cutter sizes.
- Less chance of broken teeth because the saw body is machined out of solid, high-speed steel.

### KIT

CAT. NO.	UPC NO.	DESCRIPTION
930	10214	<b>Ultra Cutter Kit:</b> Includes 7/8" to 2-1/2" Cutters, two Small Arbors for extended assembly to 7/8" and 1-1/8" Cutters, Large Arbor, Hex Wrench and Case. For conduit sizes 1/2" through 2".



### ULTRA CUTTERS

CAT. NO.	UPC NO.	ACTUAL HOLE SIZE		HOLE DIAMETER			
		IN.	mm	CONDUIT	PG	ISO	COPPER PIPE
925-7/8	10157	7/8	22.5	1/2"	Pg-16		5/8"
925-1-1/8	10158	1-1/8	28.6	3/4"	Pg-21		
925-1-7/32	01643	1-7/32	30.5				
925-1-5/16	04823	1-5/16	33.3				
925-1-3/8	10159	1-3/8	35.0	1"			
925-1-3/4	10160	1-3/4	44.4	1-1/4"			1-1/2"
925-2	10161	2	50.8	1-1/2"		ISO-50	
925-2-1/2	10162	2-1/2	63.5			ISO-63	2"

### ARBORS AND PILOT DRILLS

CAT. NO.	UPC NO.	DESCRIPTION
925-011	10163	<b>R</b> Small Arbor with Pilot Drill for 7/8" to 1-7/32" Size Cutter
925-022	10185	<b>R</b> Large Arbor with Pilot Drill for 1-3/8" to 2-1/2" Size Cutter
925-001	10186	<b>R</b> Small Pilot Drill
925-002	10211	<b>R</b> Large Pilot Drill

### RECOMMENDED CUTTING SPEEDS

CUTTER SIZE	RPM
7/8" (22.5 mm)	350
1-1/8" (28.6 mm)	270
1-3/8" (35.0 mm)	220
1-3/4" (44.4 mm)	175
2" (50.8 mm)	150
2-1/2" (63.5 mm)	120

HOLE SAW TYPE	AVERAGE* CUTTING TIME (SEC/HOLE)	AVERAGE* NUMBER OF HOLES	AVERAGE* COST/HOLE (\$)
Bi-Metal	25	50	0.10
Ultra Cutter	10	500	0.10
Carbide-Tipped Cutter	10	500	0.20

\*For 7/8" Hole in 14ga Mild Steel



NOTE: TO EXTEND THE LIFE OF YOUR TOOL, SEE CUTTING/THREADING OIL ON PAGE 435.

**N** = NEW PRODUCT    **R** = REPLACEMENT PART    **A** = ACCESSORY

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