

# ANNULAR CUTTERS



## SST™ ICECUT™

Walter SST ICECUT annular cutters have once again raised the bar for performance drilling with magnetic drilling units. They are guaranteed to drill more holes in less time and outlast all others.

### ✓ Universal shank

A new universal shank design allows quick and easy installation on any brand of magnetic drill. Optional Morse taper adapter fits most milling and boring machines.

### ✓ Special martempering treatment

HSS-XE tool steel combined with the special step-hardening process yields a cutter as strong as 12% cobalt but without the brittleness.

### ✓ Blue "carbide hard" surface treatment

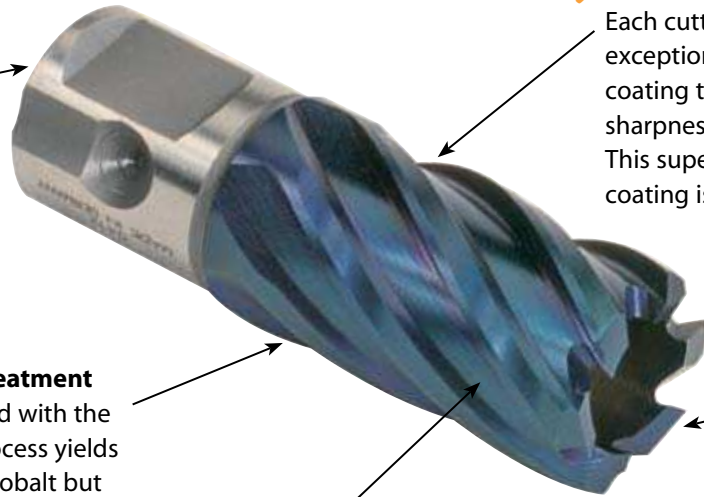
Each cutter has 15 layers of an exceptionally hard proprietary surface coating that reduces wear to maintain sharpness and increase the cutter's life. This super-hard, high performance blue coating is exclusive to SST ICECUT.

### ✓ Modern tooth design and cutter geometry

Narrow tooth design reduces heat and friction. Modern cutter geometry self centers the cutter while increasing cutting speed.

### ✓ Fully ground extra large flutes

Fully ground and relieved flutes reduce friction and aid in chip removal, allowing increased feed rates.



**SST ICECUT™ annular cutters guarantee top performance and maximum productivity hole after hole.**



1" CUTTING DEPTH			
Diameter		Order No.	Min. Pkg.
Inches	MM		
1/2"	12.7	01-X 008	1
9/16"	14.3	01-X 009	1
5/8"	15.9	01-X 010	1
11/16"	17.5	01-X 011	1
3/4"	19.0	01-X 012	1
13/16"	20.6	01-X 013	1
7/8"	22.2	01-X 014	1
15/16"	23.8	01-X 015	1
1"	25.4	01-X 100	1
1 1/16"	27.0	01-X 101	1
1 1/8"	28.6	01-X 102	1
1 3/16"	30.2	01-X 103	1
1 1/4"	31.8	01-X 104	1
1 5/16"	33.3	01-X 105	1
1 3/8"	34.9	01-X 106	1
1 7/16"	36.5	01-X 107	1
1 1/2"	38.1	01-X 108	1
1 9/16"	39.7	01-X 109	1
1 5/8"	41.3	01-X 110	1
1 3/4"	44.5	01-X 112	1
1 7/8"	47.6	01-X 114	1
1 15/16"	49.2	01-X 115	1
2"	50.8	01-X 200	1

2" CUTTING DEPTH			
Diameter		Order No.	Min. Pkg.
Inches	MM		
1/2"	12.7	01-X 308	1
9/16"	14.3	01-X 309	1
5/8"	15.9	01-X 310	1
11/16"	17.5	01-X 311	1
3/4"	19.0	01-X 312	1
13/16"	20.6	01-X 313	1
7/8"	22.2	01-X 314	1
15/16"	23.8	01-X 315	1
1"	25.4	01-X 400	1
1 1/16"	27.0	01-X 401	1
1 1/8"	28.6	01-X 402	1
1 3/16"	30.2	01-X 403	1
1 1/4"	31.8	01-X 404	1
1 5/16"	33.3	01-X 405	1
1 3/8"	34.9	01-X 406	1
1 7/16"	36.5	01-X 407	1
1 1/2"	38.1	01-X 408	1
1 9/16"	39.7	01-X 409	1
1 5/8"	41.3	01-X 410	1
1 3/4"	44.5	01-X 412	1
1 13/16"	46.0	01-X 413	1
1 7/8"	47.6	01-X 414	1
1 15/16"	49.2	01-X 415	1
2"	50.8	01-X 500	1

Universal 3/4" shank. Packaged in reclosable plastic tubes.

# ANNULAR CUTTERS



## Carbide Core Cut™

Designed for increased performance and longer life. Cuts through tough or abrasive materials where HSS cutters do not perform or last. In mild steel, they cut many more holes than their HSS counterparts.

- ✓ **More positive cutting angle** to cut faster with less feed pressure.
- ✓ **New flute and body design** for better chip evacuation and breakage resistance.
- ✓ **Can be resharpened many times.**



## Morse taper shank adaptor with coolant inducer



For using Walter annular cutters on drilling units with Morse Taper Spindle. Coolant inducer feeds coolant through pilot pin to increase cutter life. With spring for pilot pin. Precision ground and hardened.

Morse Taper	Order No.	Min. Pkg.	Std. Carton
No. 2	01-X 005	1	10
No. 3	01-X 006	1	10

Individually packaged in reclosable plastic tubes.



1 1/2" CUTTING DEPTH				
Inches	Diameter	Order No.	Min. Pkg.	Std. Ctn.
	MM			
9/16"	14.3	01-Z 009	1	5
5/8"	15.9	01-Z 010	1	5
11/16"	17.5	01-Z 011	1	5
3/4"	19.0	01-Z 012	1	5
13/16"	20.6	01-Z 013	1	5
7/8"	22.2	01-Z 014	1	5
15/16"	23.8	01-Z 015	1	5
1"	25.4	01-Z 100	1	5
1 1/16"	27.0	01-Z 101	1	5
1 1/8"	28.6	01-Z 102	1	5

Inside body clearance: 1 1/2"  
Universal 3/4" shank.  
Individually packaged in reclosable plastic tubes.

## Pilot pins

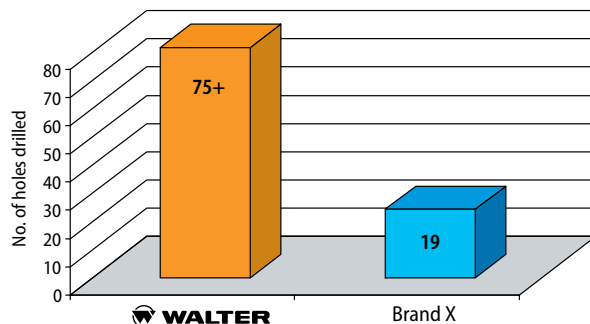


Precisely position annular cutters over drilling spot and eject slug after drilling is completed. Hardened and precision ground.

For use with cutters	Order No.	Min. Pkg.	Std. Ctn.
1" deep	01-X 001	1	10
2" deep	01-X 002	1	10
2" deep Weldon	01-X 003	1	10
FOR CARBIDE CORE CUT			
9/16" to 11/16"	01-Z 002	1	10
3/4" to 1 1/8"	01-Z 001	1	10

Individually packaged in plastic bags.

## DRILLING - LIFE WITHOUT LUBRICATION New Walter SST Core Cut vs. Brand X



TRIM