

Annular Cutters High Speed Steel

- Eliminates multi-step drilling
- Lower cost per hole
- Better finish
- More accurate and cleaner holes
- Longer tool life
- 3/4" shank diameter with two flats
- Cutters are interchangeable with other standard hole cutting systems



Size (Inch)	Depth			Size (Inch)	Depth		
	1 Inch	2 Inch	3 Inch		1 Inch	2 Inch	3 Inch
	Code	Code	Code		Code	Code	Code
7/16	606332	606359	–	1-5/16	606346	606373	606393
1/2	606333	606360	–	1-3/8	606347	606374	606394
9/16	606334	606361	–	1-7/16	606348	606375	606395
5/8	606335	606362	–	1-1/2	606349	606376	606396
11/16	606336	606363	–	1-9/16	606350	606377	606397
3/4	606337	606364	–	1-5/8	606351	606378	606398
13/16	606338	606365	–	1-11/16	606352	606379	–
7/8	606339	606366	606386	1-3/4	606353	606380	606400
15/16	606340	606367	606387	1-13/16	606354	606381	–
1	606341	606368	606388	1-7/8	606355	606382	–
1-1/16	606342	606369	606389	1-15/16	606356	606383	–
1-1/8	606343	606370	606390	2	606357	606384	606403
1-3/16	606344	606371	606391	2-1/16	606358	606385	–
1-1/4	606345	606372	606392				

Ejectors

Description	Code
Ejector - Pilot, Short 1/4" x 3" (For all 1" cutter depths except 7/16" diameter)	606406
Ejector - Pilot, Long 1/4" x 4" (For all 2" cutter depths except 7/16" diameter)	606407
Ejector - Pilot, Extra Long 5/16" x 5" (For all 3" cutter depths)	606408
Ejector - Pilot, Short 7/16" x 1"	606409
Ejector - Pilot, Short 7/16" x 2"	606410

Annular Cutter Holders Straight, Morse Taper & R8 Shanks

- Holder shanks allow different machines drive cutters
- Easily reach difficult places
- Selected adapter lengths reduce the number of machine set ups



Straight Shank – 3 Flats – Series 7980

Type	Shank Size (Inch)	Cutter Shank Size (Inch)	Gage Length (Inch)	Code
HEN-1	1/2	3/4	2-1/8	606300
HEN-2	3/4	3/4	2	606301
HEN-2-6	3/4	3/4	6	606302
HEN-2-12	3/4	3/4	12	606303

Straight Shank – 2 Flats – Series 7983

Type	Shank Size (Inch)	Cutter Shank Size (Inch)	Gage Length (Inch)	Code
HEN-9-6	3/4	3/4	6	606307

CUTTERS SOLD SEPARATELY

Annular Cutter Holders

Straight, Morse Taper & R8 Shanks (continued)

Morse Taper Shank – Series 7981

Type	Shank Size (Inch)	Cutter Shank Size (Inch)	Gage Length (Inch)	Code
HEN-3	MT2	3/4	2	606309
HEN-3-6	MT2	3/4	6	606310
HEN-3-12	MT2	3/4	12	606311
HEN-4	MT3	3/4	2	606312
HEN-4-6	MT3	3/4	6	606313
HEN-4-12	MT3	3/4	12	606314

R8 Shank – Series 7982

Type	Shank Size (Inch)	Cutter Shank Size (Inch)	Gage Length (Inch)	Code
HEN-5	R8	3/4	1-3/4	606318
HEN-5-12	R8	3/4	12	606320

Bridge Reamer Holders

Square & Spline Drives

- No need to weld a nut to the back of bridge reamers
- Tools last longer by keeping reamer straight and rigid in the bridge reamer adapter
- Reamer is securely held in the bridge reamer holder until removed



Square Drive

Type	Drive Size (Inch)	Reamer Shank	Overall Length (Inch)	Code
HEN-2BRA	3/4	MT3	6	606325
HEN-3BRA	3/4	MT4	7	606326
HEN-4BRA	1	MT2	5-1/2	606327
HEN-5BRA	1	MT3	6-1/2	606328
HEN-6BRA	1	MT4	7-1/2	606329

Spline Drive

Type	Drive Size (Inch)	Reamer Shank	Overall Length (Inch)	Code
HEN-7BRA	#5	MT3	7-1/4	606330
HEN-8BRA	#5	MT4	8-1/2	606331

Hole Cutters

High Speed Steel

- Pilot drill supplied with each cutter
- Recommended for use in hand-held air or electric drill motors, as well as light drill press applications in sheet metal, thin wall tubing, steel plate, or any other large diameter shallow hole cutting
- Centers quickly and is held securely in position after the pilot drill has entered the work piece - cutter body then cuts a clean, burr-free hole
- With normal care tool life is significantly longer than other hole cutting tools
- Inexpensive sharpening will allow repeat use



Size (Inch)	No. of Flutes	3/8" Shank/ 3/16" Pilot	1/2" Shank/ 1/4" Pilot	Size (Inch)	No. of Flutes	3/8" Shank/ 3/16" Pilot	1/2" Shank/ 1/4" Pilot	Size (Inch)	No. of Flutes	3/8" Shank/ 3/16" Pilot	1/2" Shank/ 1/4" Pilot
		Code	Code			Code	Code			Code	Code
1/2	4	311041	311044	15/16	5	–	311052	1-1/2	5	–	311060
9/16	4	311042	311045	1	5	–	311053	1-5/8	6	–	311061
5/8	4	311043	311046	1-1/16	5	–	311054	1-3/4	6	–	311062
11/16	4	–	311047	1-1/8	5	–	311055	1-7/8	6	–	311063
3/4	4	–	311048	1-3/16	5	–	311056	2	6	–	311064
13/16	4	–	311049	1-1/4	5	–	311057				
7/8	4	–	311050	1-5/16	5	–	311058				
29/32	4	–	311051	1-3/8	5	–	311059				

32nd, 64th and Metric sizes available