

HOUGEN® CUTTER COMPARISON CHART

										
Tool Series:	Rotacut™	Extended Reach	Holcutter™	Carbide Holcutter™	Rotaloc™	Rotaloc Plus™	"12,000-Series"	Copperhead™	"42/43,000"	
Diameter Range Min. / Max.	1/4" to 1-1/2" (6mm - 25mm)	3/8" to 9/16" (6.4mm)	1/16" to 3" (3.2mm)	1/16" to 3" (3.2mm)	1/2" to 1-1/16" (12mm - 27mm)	7/16" to 1-3/8" (12mm - 35mm)	7/16" to 2-3/8" (12mm - 60mm)	9/16" to 2" (14mm - 60mm)	3/4" to 3-1/16"	
Max. Depth of Cut	1/4" to 1/2" (6.4mm - 12.7mm)	1/4" (6.4mm)	1/8" (3.2mm)	1/8" (3.2mm)	3/4" - (19mm) Stack Geometry	1" - (25mm)	1" to 6" (25mm to 152mm)	1" to 4" (25mm to 102mm)	2" or 3" (50mm or 76mm)	
Mounting	3/8" or 1/2" Triple Flat Shank	3/8" Triple Flat Shank	3/8" Triple Flat Shank	3/8" or 1/2" Triple Flat Shank	Bayonet Style	Bayonet Style	3/4" Double Flat or Fusion™ Shank	3/4" Double Flat or Fusion™ Shank	3/4" Weldon or 1-1/4" Weldon	
Cutter Material(s) Available	M2 HSS	M2 HSS	M2 HSS	Carbide Tip	M42 HSS	M2 HSS	M2 HSS, M2 TIN Coat, or M42 TIN	Carbide Tip	M2 HSS or M2 TIN Coat	
Can be Resharpened	===== Disposable =====									
Available Grind Down (Within Limits)										
Max. Application Hardness Rating	275 BHN (28.5 HRC)	275 BHN (28.5 HRC)	275 BHN (28.5 HRC)	450 BHN (47.2 HRC)	350 BHN (37.7 HRC)	275 BHN (28.5 HRC)	275 BHN (28.5 HRC)	450 BHN (47.2 HRC)	275 BHN (28.5 HRC)	
Recommended Lubrication	Slick-Stik™	Slick-Stik™	Slick-Stik™	Slick-Stik™	Slick-Stik™	Slick-Stik™	Rotamagic™	Rotamagic™	Rotamagic™	
Aluminum	===== High RPM & Fast Feed Rates Suggested =====									
Mild Steel										
Harder Steel		Good			Better	Good	Standard - Good TIN - Better		Standard - Good TIN - Better	
Stainless Steel	Good		Recommend Speed Reducer		Good		TIN Coat or Premium Recommended		TIN Coat Recommended	

CARBIDE HOLCUTTER™ FOR SHEET METAL AND THIN MATERIALS



day out use. Features a shoulder stop to prevent over penetration of the work piece. Ejector Spring helps with slug ejection. Tungsten carbide provides long tool life and smooth cutting action. Dramatically outlasts bi-metal hole saws and step drills. For materials up to 1/8" (3.2mm) thick. (All cutters include arbor, pilot and spring.)

Contractor's Choice

Carbide Holcutters cut smooth, fast, burr-free holes in all types of materials, from soft aluminum to tough-to-cut stainless and cast iron. Rugged construction for day in and

Cutter Dia. (Inches)	Decimal Equiv.	Part No.
Replacement Pilot 14301 & Spring 14303 (3/8" Chuck)		
11/16	.6875	14322
3/4	.7500	14324
13/16	.8125	14326
7/8	.8750	14328
15/16	.9375	14330
1	1.0000	14332
1-1/16	1.0625	14334
1-1/8	1.1250	14336
1-3/16	1.1875	14338
1-1/4	1.2500	14340
1-5/16	1.3125	14342

Cutter Dia. (Inches)	Decimal Equiv.	Part No.
1-3/8	1.3750	14344
1-1/2	1.5000	14348
1-5/8	1.6250	14352
1-3/4	1.7500	14356
2	2.0000	14362
2-1/8	2.1250	14366
2-1/4	2.2500	14368
2-3/8	2.3750	14372
Replacement Pilot 14302 & Spring 14304 (1/2" Chuck)		
2-1/2	2.5000	14374
2-5/8	2.6250	14378
2-3/4	2.7500	14380
3	3.0000	14384

Part No.	Description
14301	Pilot for cutters up to 2-3/8" (3 Pk)
14302	Pilot for cutters 2-1/2" to 3" (3 Pk)
14303	Spring for cutters up to 2-3/8" (3 Pk)
14304	Spring for cutters 2-1/2" to 3" (3 Pk)

HOLCUTTER™ FOR SHEET METAL AND THIN MATERIALS



HSS Holcutters last **10x** longer and cut **3x** faster than bi-metal hole saws or twist drills. All cutters use a single arbor, with a patented Quad-Lead thread mounting system. For materials up to 1/8" (3.2mm) thick.

1-3/16	1.1875	14238
1-1/4	1.2500	14240
1-5/16	1.3125	14242
1-3/8	1.3750	14244
1-7/16	1.4375	14246
1-1/2	1.5000	14248
1-9/16	1.5625	14250
1-5/8	1.6250	14252
1-11/16	1.6875	14254
1-3/4	1.7500	14256
1-7/8	1.8750	14260
2	2.0000	14262
2-1/16	2.0625	14264
2-1/8	2.1250	14266
2-1/4	2.2500	14268
2-3/8	2.3750	14272
2-1/2	2.5000	14274
2-9/16	2.5625	14276
2-5/8	2.6250	14278
2-3/4	2.7500	14280
2-7/8	2.8750	14282
3	3.0000	14284



Part No.	Description
14009	Arbor (3/8" Chuck) for Quad-Lead Threaded Cutters includes pilot & hex washer
04812	Replacement Hex Washer
13007C	Pilot for 14009 Arbor (3 Pk)
Arbors for Discontinued Holcutters	
14001	Arbor for 3/8" Threaded Cutters
14004	Arbor for Double "D" Cutters

Cutter Dia. (Inches)	Decimal Equiv.	Part No.
Quad-Lead thread mount - Use Arbor 14009		
11/16	.6875	14222
3/4	.7500	14224
13/16	.8125	14226
7/8	.8750	14228
15/16	.9375	14230
1	1.0000	14232
1-1/16	1.0625	14234
1-1/8	1.1250	14236

HOLCUTTER™ KIT



Part No.	Description
14005(C)	Sturdy plastic case contains Arbor, Pilots, Hex Washer, instructions, and HSS Holcutters: 7/8, 1-1/8, 1-3/8, 1-3/4, 2 & 2-1/2"
14005-12	Case of (12) 14005 Kits

HOLCUTTER™ SPEED REDUCER



Featuring a 4:1 gear ratio, the Holcutter™ Speed Reducer mounts directly to your 1/2" drill and maintains torque while reducing RPMs for 1" and larger HSS Holcutters. Cutters mount to Speed Reducer with no arbor required.

Part No.	Description
14008	Speed Reducer for 1/2" Drills
*04938	Clamp Handle
*04939	3/16" Pilot
04942	Thread Adapter for 3/8" Drills
04943	Triple-flatted Shank Adapter (for use in 1/2" drill chuck)
04812	Hex Washer (for easy cutter removal)

* Details marked are required to operate Speed Reducer