

HOUGEN® CUTTER COMPARISON CHART

									
Tool Series:	RotaCut™	Holcutter™	Carbide Holcutter™	RotaLoc™	RotaLoc Plus™	"12,000-Series"	"12,000-Series" TiN	Xtreme Cobalt™	Copperhead™
Diameter Range Min. / Max.	1/4" to 1-1/2" (6mm - 25mm)	11/16" to 3"	5/8" to 4-1/2"	1/2" to 1-1/16" (12mm - 26mm)	7/16" to 1-3/8" (12mm - 35mm)	7/16" to 3-1/16" (12mm - 77mm)	7/16" to 2-3/8" (12mm - 60mm)	7/16" to 2-3/8" (12mm - 60mm)	1/2" to 3" (14mm - 60mm)
Max. Depth of Cut	1/4" to 1/2" (6.4mm - 12.7mm)	1/8" (3.2mm)	1" (25mm)	3/4" - (19mm) Stack Geometry	1" - (25mm) Stack Geometry	1" to 6" (25mm to 152mm)	1" to 2" (25mm & 50mm)	2" (50mm)	1" to 6" (25mm to 152mm)
Mounting	3/8" or 1/2" Triple Flat Shank	3/8" Triple Flat Shank	1/2" Triple Flat Shank	Bayonet Style	Bayonet Style	3/4" Double Flat	3/4" Double Flat	3/4" Double Flat	3/4" Fusion2™ Shank
Cutter Material(s) Available	M2 HSS	M2 HSS	Carbide Tip	M42 HSS or Carbide Tip	M42 HSS	M2 HSS	M2 HSS TiN Coated	M42 Cobalt IronEdge™ Coated	Carbide Tip
Can be Resharpened	===== Disposable =====								
Available Grind Down (Within Limits)									
Max. Application Hardness Rating	275 BHN (28.5 HRC)	275 BHN (28.5 HRC)	450 BHN (47.2 HRC)	350 BHN (37.7 HRC)	350 BHN (37.7 HRC)	275 BHN (28.5 HRC)	325 BHN (33.5 HRC)	450 BHN (47.2 HRC)	450 BHN (47.2 HRC)
Recommended Lubrication	Slick-Stik™ or RotaGel™	Slick-Stik™ or RotaGel™	Slick-Stik™ or RotaGel™	Slick-Stik™ or RotaGel™	Slick-Stik™ or RotaGel™	RotaMagic™	RotaMagic™	RotaMagic™	RotaMagic™
Aluminum	===== High RPM & Fast Feed Rates Suggested =====								
Mild Steel								Good	
Harder Steel	Good			Better	Better	Good			
Stainless Steel	Good	Recommend Speed Reducer		Good	Good	TiN or Xtreme Cobalt™	Good		