

HOUGEN® CUTTER COMPARISON CHART

Tool Series:	RotaCut™	Extended Reach	Holcutter™	Carbide Holcutter™	RotaLoc™	RotaLoc Plus™	"12,000-Series"	Copperhead™
								
Diameter Range Min. / Max.	1/4" to 1-1/2" (6mm - 25mm)	3/8" to 9/16"	11/16" to 3"	11/16" to 3"	1/2" to 1-1/16" (12mm - 26mm)	7/16" to 1-3/8" (12mm - 35mm)	7/16" to 3-1/16" (12mm - 77mm)	9/16" to 3" (14mm - 60mm)
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) Stack Geometry	1" to 6" (25mm to 152mm)	1" to 6" (25mm to 152mm)
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 Fusion2™ Shank	3/4" Fusion2™ Shank
Cutter Material(s) Available	M2 HSS	M2 HSS	M2 HSS	Carbide Tip	M42 HSS or Carbide Tip	M42 HSS	M2 HSS or M2 TiN Coat	Carbide Tip
Can be Resharpended	===== 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)	350 BHN (37.7 HRC)	275 BHN 325 BHN (TiN)	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™	Slick-Stik™ or RotaGel™	RotaMagic™	RotaMagic™
Aluminum	===== High RPM & Fast Feed Rates Suggested =====							
Mild Steel								
Harder Steel	Good				Better	Better	Standard - Good TiN - Better	
Stainless Steel	Good		Recommend Speed Reducer		Good	Good	TiN Coat or Premium Recommended	