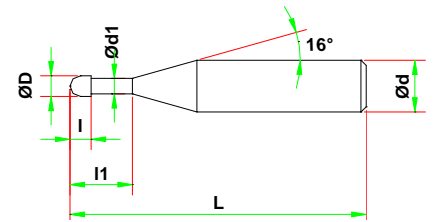


Size Dia 2.0 - 12.0 mm
Flutes 4



HRRS

Super MG	HARD MAX	R ±0.01	ø2 - ø6
Shank Ø Tolerance 0/-0.005	45°	R ±0.015	ø8 - ø12



Oil mist / Airblow coolant recommended

For outstanding heat resistance and lubrication ability on hard milling up to 65 HRC

Diameter tolerance: 0/-0.02 (D≤6) -0.01/-0.03 (D≥8)

Applicable Work Materials

(MS = Most Suitable S = Suitable)

Work Materials										
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels			Cast Iron	Aluminium Alloy	Graphite	Copper	Plastic
			55HRC	60HRC	65HRC					
S	S	MS	MS	MS	S				S	

Union Tool Part Number	Diameter	Corner Radius	Effective Length	Flute Length	Overall Length	Shank Diameter	Price £stl	Price Euro
	D	CR	I ₁	I	L	d		
HRRS 4020-03-06	2.0	0.3	6	2	70	4		
HRRS 4020-05-06		0.5						
HRRS 4030-08-09-3	3.0	0.8	9	3	70	3		
HRRS 4030-08-09					70	6		
HRRS 4040-05-12	4.0	0.5	12	4	70	4		
HRRS 4040-05-12-6						6		
HRRS 4040-10-12		4						
HRRS 4040-10-12-6		6						
HRRS 4050-12-15	5.0	1.2	15	5	70	6		
HRRS 4060-05-18	6.0	0.5	18	6	90	6		
HRRS 4060-10-18		1.0						
HRRS 4060-15-18		1.5						
HRRS 4060-20-18		2.0						
HRRS 4080-10-24	8.0	1.0	24	8	100	8		
HRRS 4080-20-24		2.0						
HRRS 4080-30-24		3.0						
HRRS 4100-10-30	10.0	1.0	30	10	110	10		
HRRS 4100-20-30		2.0						
HRRS 4100-30-30		3.0						
HRRS 4120-10-36	12.0	1.0	36	12	120	12		
HRRS 4120-20-36		2.0						
HRRS 4120-40-36		4.0						