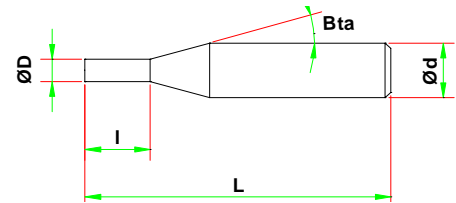


**Size** Dia 1.0 - 12.0 mm  
**Flutes** 3, 4 and 6



# HMS



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

Oil mist / Airblow coolant recommended

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	MS	MS	MS					

## 3 flutes

units = mm

Union Tool Part Number	Diameter	Flute Length	Shank Taper Angle	Overall Length	Shank Diameter	Price
	<b>D</b>	<b>I</b>	<b>Bta</b>	<b>L</b>	<b>d</b>	
HMS 3010-0250	1.0	2.5	16°	45	4	
HMS 3010-0350		3.5				
HMS 3015-0400	1.5	4.0	16°	45	4	
HMS 3015-0600		6.0				
HMS 3020-0400	2.0	4.0	16°	45	4	
HMS 3020-0700		7.0				
HMS 3030-0600	3.0	6.0	16°	50	6	
HMS 3030-1500		15.0		60		

## 4 flutes

HMS 4040-0800	4.0	8.0	16°	50	6	
HMS 4040-2000		20.0		70		
HMS 4050-1000	5.0	10.0	16°	50	6	
HMS 4050-2500		25.0		70		

## 6 flutes

HMS 6060-1300	6.0	13.0	-	50	6	
HMS 6060-2600		26.0		70		
HMS 6080-1900	8.0	19.0	-	60	8	
HMS 6080-3600		36.0		90		
HMS 6100-2200	10.0	22.0	-	70	10	
HMS 6100-4600		46.0		100		
HMS 6120-2600	12.0	26.0	-	75	12	
HMS 6120-5600		56.0		120		