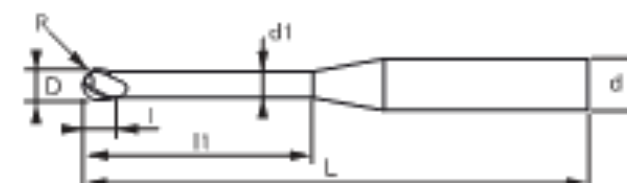



ITEM: A4360

Material Micro-grain carbide
Standard Factory standard
Tolerance +0 / -0,02 mm
Shank Cylindrical
Helix 30° right-hand
Surface treatment HT-300
Application Semifinishing and 3D finishing on very difficult to cut materials, up to 52 HRC.



< 500	< 850	< 1200	< 600	< 850	Duplex	< 240	< 300	< 10% Si	> 10% Si	Brass Copper	Ti6Al4V	HTA	< 45	< 60	< 65
	●	●		●	●							●	●	●	○

FACTORY STANDARD

A4360	Tech. Code		D mm	R mm	d1 mm	L mm	l mm	l1 mm	d mm	Z		
2T - 30°	A4360021		0.2	0.1	0.15	50	0.2	1.0	4	2		
	A4360031		0.3	0.15	0.25		0.3					
	A4360041		0.4	0.2	0.35		0.4	2.0			4	
	A4360042							3.0				
	A4360043							2.0				
	A4360052		0.5	0.25	0.45			3.0				
	A4360053							4.0				
	A4360054							5.0				
	A4360055							2.0				
	A4360062		0.6	0.3	0.55		0.5	4.0				
	A4360064							8.0				
	A4360068							2.0				
	A4360082		0.8	0.4	0.75		0.6	4.0				
	A4360084							6.0				
	A4360086							3.0				
	A436013		1.0	0.5	0.95		0.8	4.0				6
	A436014							6.0				
	A436016							8.0				
	A436018							10.0				
	A4360110							16.0				
	A4360116							8.0				
	A4360158		1.5	0.75	1.45		1.2	8.0				

A4360	Tech. Code		D mm	R mm	d1 mm	L mm	l mm	l1 mm	d mm	Z					
2T - 30°	A43601512		1.5	0.75	1.45	50	1.2	12.0	4	2					
	A436024		2.0	1.0	1.95										
	A436028														
	A4360210														
	A4360212														
	A4360216														
	A4360220														
	A4360225														
	A4360230														
	A436038		3.0	1.5	2.85		2.4	8.0							
	A4360310														
	A4360316														
	A4360320														
	A4360330														
	A4360335														
	A4360410		4.0	2.0	3.85		3.2	10.0	6						
	A4360416														
	A4360420														
	A4360425														
	A4360430														
	A4360435														
	A4360440														
					60		16.0								
					75		20.0								
					100		30.0								

		Profiling		Slotting	RANGE													
					A4360													
Material	Feature	Ap	Ae	Ap	Vc m/min. min.	Vc m/min. max.	mm	D/mm 0.2	D/mm 0.3	D/mm 0.4	D/mm 0.5	D/mm 0.6	D/mm 0.8	D/mm 1.0	D/mm 1.5	D/mm 2.0	D/mm 3.0	D/mm 4.0
CARBON STEEL	< 1200 N/mm²	0.1 x D	0.02 x D	-	60	80	fz/mm	0.002	0.002	0.002	0.003	0.004	0.004	0.005	0.005	0.006	0.009	0.011
STAINLESS STEEL	< 800 N/mm²	0.1 x D	0.02 x D	-	50	70	fz/mm	0.002	0.002	0.002	0.003	0.004	0.004	0.005	0.005	0.006	0.009	0.011
SUPER ALLOY	HTA	0.1 x D	0.02 x D	-	40	65	fz/mm	0.002	0.002	0.002	0.003	0.004	0.004	0.005	0.005	0.006	0.009	0.011
HARDENED	≤ 50 HRC	0.1 x D	0.02 x D	-	50	70	fz/mm	0.002	0.002	0.002	0.003	0.004	0.004	0.005	0.005	0.006	0.009	0.011

Recommended "fz" values for finishing applications.
 For semi-finishing, adjust cutting parameters (ex: $Ap = 0.1 \times D \times Ae = 0.1 \times D \times fz \times 1.5$)