

Varistar Variable Helix End Mills - Regular Series

Type : N, right hand cutting, straight shank according to DIN 6535HA.

Design Features : 4 fluted centre cutting, variable helix angle, CNC grinding.

Applications : Solid carbide high performance end mills. Its low amplitude sine wave design eliminates vibration.

Allowing deeper cuts, higher speeds and increased metal removal rates. For mild steels, cast iron, tool steels, titanium alloys, pre-hardened steel, stainless steel. Low hardness material under HRC 40,

▲ For Speed & Feed chart refer page 46

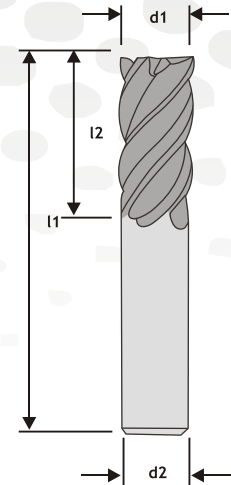


Speed Pro Norm



λ 35°
 λ 38°

SMG



Varistar High Performance End Mills - Regular Series

Article No.	Dimension (mm)					TiAlN Coated
	4 Flute	\varnothing d1 h10	\varnothing d2 h6	r	l2	
VA-SEM4030-r05	3	3	0,5	8	38	■
VA-SEM4030-r10	3	3	1	8	38	■
VA-SEM4040-r05	4	4	0,5	11	50	■
VA-SEM4040-r10	4	4	1	11	50	■
VA-SEM4060-r05	6	6	0,5	16	50	■
VA-SEM4060-r10	6	6	1	16	50	■
VA-SEM4060-r15	6	6	1,5	16	50	■
VA-SEM4060-r20	6	6	2	16	50	■
VA-SEM4080-r05	8	8	0,5	19	60	■
VA-SEM4080-r10	8	8	1	19	60	■
VA-SEM4080-r15	8	8	1,5	19	60	■
VA-SEM4080-r20	8	8	2	19	60	■
VA-SEM4080-r25	8	8	2,5	19	60	■
VA-SEM4080-r30	8	8	3	19	60	■
VA-SEM4100-r05	10	10	0,5	22	75	■
VA-SEM4100-r10	10	10	1	22	75	■
VA-SEM4100-r15	10	10	1.50	22	75	■
VA-SEM4100-r20	10	10	2.00	22	75	■
VA-SEM4100-r25	10	10	2.50	22	75	■

■ Available ex stock / subject to prior sale

SMG Sub Micron Grade

Varistar Variable Helix End Mills - Regular Series

▲ For Speed & Feed chart refer page 46

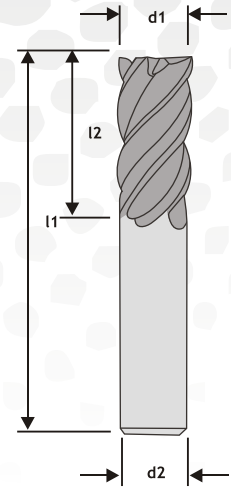


Speed Pro
Norm



λ 35°
λ 38°

SMG



Varistar End Mills Regular Series

Article No.	Dimension (mm)					TiAlN Coated	
	4 Flute	Ø d1	Ø d2	r	l2		l1
		h10	h6				
VA-SEM4100-r30		10	10	3	22	75	■
VA-SEM4120-r05		12	12	1	26	75	■
VA-SEM4120-r10		12	12	1	26	75	■
VA-SEM4120-r15		12	12	1,5	26	75	■
VA-SEM4120-r20		12	12	2	26	75	■
VA-SEM4120-r25		12	12	2,5	26	75	■
VA-SEM4120-r30		12	12	3	26	75	■
VA-SEM4160-r05		16	16	1	32	75	■
VA-SEM4160-r10		16	16	1	32	75	■
VA-SEM4160-r15		16	16	1,5	32	75	■
VA-SEM4160-r20		16	16	2	32	75	■
VA-SEM4160-r25		16	16	3	32	75	■
VA-SEM4160-r30		16	16	3	32	75	■

■ Available ex stock / subject to prior sale

SMG Sub Micron Grade