

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

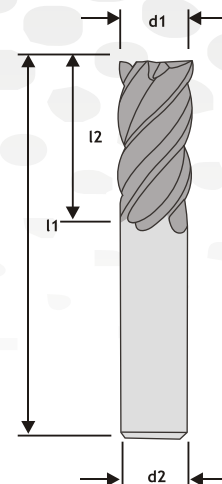


Speed Pro Norm



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

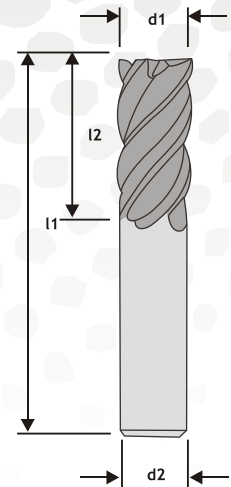


Speed Pro
Norm



λ 35°
λ 38°

SMG



Varistar End Mills Regular Series

Article No.	Dimension (mm)					TiAlN Coated
	4 Flute	Ø d1	Ø d2	r	l2	
		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