

Tristar High Performance End Mills - Regular Series

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

Design Features : 4 fluted centre cutting, helix angle 45°, CNC grinding.

Applications : Solid Carbide High Performance End Mills for efficient machining of Titanium, Inconel, Stainless Steel. Ultimate for exotic material. Highly recommended to use coated only. Special TA base coating.

▲ For Speed & Feed chart refer page 44

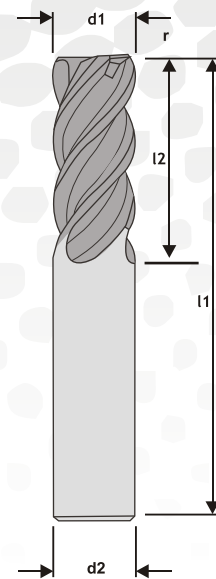


Speed Pro Norm



λ 45°

UMG



Tristar High Performance End Mills - Regular Series

Article No.	Dimension (mm)					TiAlN Coated
	4 Flute	Ø d1 h10	Ø d2 h6	r	l2	
TIS-SEM4040-r02	4	6	0.2	11	50	■
TIS-SEM4040-r03	4	6	0.3	11	50	■
TIS-SEM4040-r05	4	6	0.5	11	50	■
TIS-SEM4050-r02	5	6	0.2	13	60	■
TIS-SEM4050-r03	5	6	0.3	13	60	■
TIS-SEM4050-r05	5	6	0.5	13	60	■
TIS-SEM4050-r10	5	6	1	13	60	■
TIS-SEM4060-r03	6	6	0.3	13	60	■
TIS-SEM4060-r05	6	6	0.5	13	60	■
TIS-SEM4060-r10	6	6	1	13	60	■
TIS-SEM4080-r03	8	8	0.3	19	75	■
TIS-SEM4080-r05	8	8	0.5	19	75	■
TIS-SEM4080-r10	8	8	1	19	75	■
TIS-SEM4080-r15	8	8	1.5	19	75	■
TIS-SEM4100-r03	10	10	0.3	22	75	■
TIS-SEM4100-r05	10	10	0.5	22	75	■
TIS-SEM4100-r10	10	10	1	22	75	■
TIS-SEM4100-r15	10	10	1.5	22	75	■
TIS-SEM4100-r20	10	10	2	22	75	■

■ Available ex stock / subject to prior sale

UMG Ultra Micron Grade

Tristar High Performance End Mills Regular + Long Series

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

Design Features : 4 fluted centre cutting, helix angle 45°, CNC grinding.

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▲ For Speed & Feed chart refer page 44

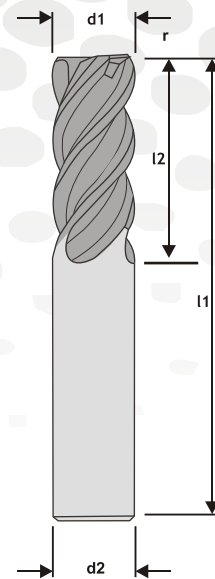


Speed Pro Norm



λ 45°

UMG



Tristar High Performance End Mills Regular Series + Long Series

Article No.	Dimension (mm)					TiAlN Coated	
	4 Flute	Ø d1	Ø d2	r	l2		l1
		h10	h6				
TIS-SEM4100L-r03		10	10	0.3	38	100	■
TIS-SEM4100L-r05		10	10	0.5	38	100	■
TIS-SEM4100L-r10		10	10	1	38	100	■
TIS-SEM4100L-r15		10	10	1.5	38	100	■
TIS-SEM4100L-r20		10	10	2	38	100	■
TIS-SEM4120-r05		12	12	0.5	26	75	■
TIS-SEM4120-r10		12	12	1	26	75	■
TIS-SEM4120-r15		12	12	1.5	26	75	■
TIS-SEM4120-r20		12	12	2	26	75	■
TIS-SEM4120-r30		12	12	3	26	75	■
TIS-SEM4120L-r05		12	12	0.5	38	100	■
TIS-SEM4120L-r10		12	12	1	38	100	■
TIS-SEM4120L-r15		12	12	1.5	38	100	■
TIS-SEM4120L-r20		12	12	2	38	100	■
TIS-SEM4120L-r30		12	12	3	38	100	■
TIS-SEM4160-r05		16	16	0.5	32	100	■
TIS-SEM4160-r10		16	16	1	32	100	■
TIS-SEM4160-r15		16	16	1.5	32	100	■
TIS-SEM4160-r20		16	16	2	32	100	■
TIS-SEM4160-r30		16	16	3	32	100	■
TIS-SEM4180-r10		18	18	1	32	100	■
TIS-SEM4180-r15		18	18	1.5	32	100	■
TIS-SEM4180-r20		18	18	2	32	100	■
TIS-SEM4180-r30		18	18	3	32	100	■
TIS-SEM4200-r10		20	20	1	38	100	■
TIS-SEM4200-r15		20	20	1.5	38	100	■
TIS-SEM4200-r20		20	20	2	38	100	■
TIS-SEM4200-r30		20	20	3	38	100	■
TIS-SEM4250-r10		25	25	1	45	150	■
TIS-SEM4250-r15		25	25	1.5	45	150	■
TIS-SEM4250-r20		25	25	2	45	150	■
TIS-SEM4250-r30		25	25	3	45	150	■

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