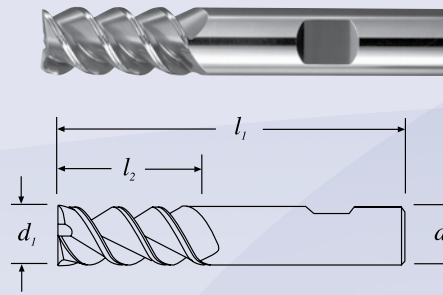


3 & 4 Flute – Single End – High Spiral



TOLERANCES

$d_1 = +.000 - .002$
 $d_2 = -.0001 - .0004$

Series 60 • 60M



Micrograin Solid Carbide – High Spiral – High Helix End Mills For Titanium, Inconel, Stainless Steel & Steel Alloy 3 & 4 Flute – 60° Right Hand Spiral – Right Hand Cutting – Center Cutting

Serie 60 • 60M



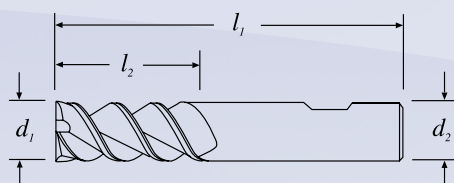
Carburo sólido con micrograno – Alto desempeño – Fresas con hélice rápida para titanio, inconel, acero inoxidable y aleaciones de acero. Hélice a derecha 60° – 3 y 4 filos – Corte al centro

Série 60 • 60M



Carbure monobloc, micrograin – Angle d'hélice 60° – Fraises à angle d'hélice 60° pour titane, inconel, acier inoxydable et alliage d'acier. 3 et 4 dents – Hélice à droite à 60° – Coupe à droite – Coupe au centre

Cutting Diameter d_1	Length of Cut l_2	Overall Length l_1	Shank Diameter d_2	Uncoated EDP No.	Ti-NAMITE (TiN) EDP No.	Ti-NAMITE-C (TiCN) EDP No.	Ti-NAMITE-A (AlTiN) EDP No.
3 Flutes / Filos / Dents							
1/8	1/2	2-1/2	1/4	36001	32169	32180	32220
3/16	5/8	2-1/2	1/4	36003	32170	32181	32221
1/4	3/4	2-1/2	1/4	36005	32171	32182	32222
5/16	13/16	2-1/2	5/16	36007	32172	32183	32223
3/8	7/8	2-1/2	3/8	36009	32173	32184	32224
7/16	1	3	7/16	36011	32174	32185	32225
1/2	1	3	1/2	36013	32175	32186	32226
9/16	1-1/4	3-1/2	9/16	36015	32176	32187	32227
5/8	1-1/4	3-1/2	5/8	36017	32177	32188	32228
3/4	1-1/2	4	3/4	36019	32178	32189	32229
1	1-1/2	4	1	36021	32179	32190	32230
4 Flutes / Filos / Dents							
3/4	1-1/2	4	3/4	36023	32191	32193	32231
1	1-1/2	4	1	36025	32192	32194	32232



d_1 TOLERANCES h10		d_2 TOLERANCES h6	
mm	mm	mm	mm
1 – 3	+0,000/–0,040	1 – 3	+0,000/–0,006
> 3 – 6	+0,000/–0,048	> 3 – 6	+0,000/–0,008
> 6 – 10	+0,000/–0,058	> 6 – 10	+0,000/–0,009
> 10 – 18	+0,000/–0,070	> 10 – 18	+0,000/–0,011
> 18 – 20	+0,000/–0,084	> 18 – 20	+0,000/–0,013

Cutting Diameter d_1 mm h10	Length of Cut l_2 mm	Overall Length l_1 mm	Shank Diameter d_2 mm h6	Uncoated	Ti-NAMITE (TiN)	Ti-NAMITE-C (TiCN)	Ti-NAMITE-A (AlTiN)
				EDP No.	EDP No.	EDP No.	EDP No.
3	8	57	6	46001	46002	43940	43960
4	11	57	6	46003	46006	43941	43961
5	13	57	6	46004	46010	43942	43962
6	13	57	6	46005	46011	43943	43963
8	19	69	10	46009	46012	43944	43964
10	22	72	10	46013	46014	43945	43965
12	26	83	12	46017	46018	43946	43966
16	32	92	16	46021	46022	43947	43967
20	38	104	20	46025	46026	43948	43968

