

**GB**

**2 Flute End Mills - Square End**

*Micrograin Solid Carbide*

30° Right Hand Spiral - Right Hand Cutting

- Center Cutting

**ES**

**Fresas de 2 labios - Punta plana**

*Metal duro con micrograno*

Hélice a derecha 30° - Corte a derecha

- Corte al centro

**FR**

**Fraises 2 dents - Bout plat**

*Carbure monobloc, micrograin*

Hélice à droite, 30° - Coupe à droite

- Coupe au centre

**PT**

**Fresas de topo de 2 navalhas/cortes**

- Topo direito/reto

*Metal duro-microgrão*

Espiral de 30° à direita - Corte à direita

- Corte Central

**IT**

**Frese frontali a 2 tagli - Testa piana**

*Micrograna*

Elica destra a 30° - Taglio destrorso

- Taglio al centro

**DE**

**Schaftfräser, 2 Schneiden**

- Flachstirn

*Vollhartmetall, Feinstkorn*

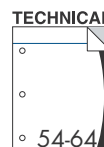
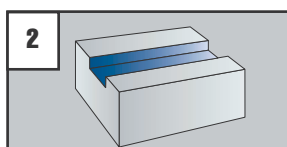
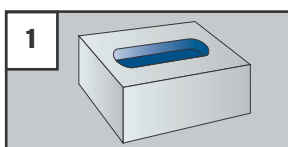
30° Rechtsdrall - Rechtsschneidend

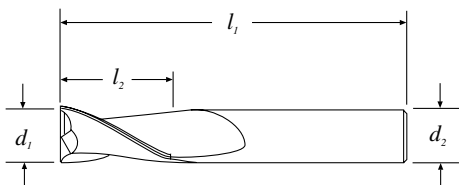
- Zentrumschnitt

$\varnothing d_1$ mm	$\varnothing d_2$ mm	$l_1$ mm	$l_2$ mm	EDP No.	Ti-NAMITE EDP No.	Ti-NAMITE-C EDP No.	Ti-NAMITE-A EDP No.
1	3	38	4	40305	48628	48650	48671
1,5	3	38	4,5	40309	48629	48651	48672
2	3	38	6,3	40313	48630	48652	48673
2,5	3	38	9,5	40317	48631	48653	48674
3	3	38	12	40321	48632	48654	48675
3,5	4	50	12	40325	48633	48655	48676
4	4	50	14	40329	48634	48656	48677
4,5	6	50	16	40333	48635	48657	48678
5	6	50	16	40337	48636	48658	48679
6	6	50	19	40341	48637	48659	48680
7	8	63	19	40345	48638	48660	48681
8	8	63	20	40349	48639	48661	48682
9	10	75	22	40353	48640	48662	48683
10	10	75	22	40357	48641	48663	48684
11	12	75	25	40361	48642	48664	48685
12	12	75	25	40365	48643	48665	48686
14	14	89	32	40369	48644	48666	48687
16	16	89	32	40373	48645	48667	48688
18	18	100	38	40377	48646	48668	48689
20	20	100	38	40381	48647	48669	48690
25	25	100	38	40385	48648	48670	48691

**TOLERANCES**

$\varnothing d_1 = +0,000 - 0,05$   
 $\varnothing d_2 = +0,000 - 0,01$





# 1

Cutting Diameter $d_1$	Length of Cut $l_2$	Overall Length $l_1$	Shank Diameter $d_2$	Uncoated	Ti-NAMITE (TiN)	Ti-NAMITE-C (TiCN)	Ti-NAMITE-A (AlTiN)
				EDP No.	EDP No.	EDP No.	EDP No.
1/64	1/32	1-1/2	1/8	30301	39301	39501	30397
1/32	5/64	1-1/2	1/8	30303	39303	39503	30398
3/64	7/64	1-1/2	1/8	30305	39305	39505	30399
1/16	3/16	1-1/2	1/8	30307	39307	39507	30400
5/64	3/16	1-1/2	1/8	30309	39309	39509	30435
3/32	9/32	1-1/2	1/8	30311	39311	39511	30436
7/64	3/8	1-1/2	1/8	30313	39313	39513	30437
1/8	3/8	1-1/2	1/8	30377	39377	39577	30469
1/8	1/2	1-1/2	1/8	30315	39315	39515	30438
9/64	1/2	2	3/16	30317	39317	39517	30439
5/32	1/2	2	3/16	30319	39319	39519	30440
11/64	5/8	2	3/16	30321	39321	39521	30441
3/16	5/8	2	3/16	30323	39323	39523	30442
13/64	5/8	2-1/2	1/4	30325	39325	39525	30443
7/32	5/8	2-1/2	1/4	30327	39327	39527	30444
15/64	3/4	2-1/2	1/4	30329	39329	39529	30445
1/4	3/4	2-1/2	1/4	30331	39331	39531	30446
17/64	3/4	2-1/2	5/16	30333	39333	39533	30447
9/32	3/4	2-1/2	5/16	30335	39335	39535	30448
19/64	13/16	2-1/2	5/16	30337	39337	39537	30449
5/16	13/16	2-1/2	5/16	30339	39339	39539	30450
21/64	1	2-1/2	3/8	30341	39341	39541	30451
11/32	1	2-1/2	3/8	30343	39343	39543	30452
23/64	1	2-1/2	3/8	30345	39345	39545	30453
3/8	1	2-1/2	3/8	30347	39347	39547	30454
25/64	1	2-3/4	7/16	30349	39349	39549	30455
13/32	1	2-3/4	7/16	30351	39351	39551	30456
27/64	1	2-3/4	7/16	30353	39353	39553	30457
7/16	1	2-3/4	7/16	30355	39355	39555	30458
29/64	1	3	1/2	30357	39357	39557	30459
15/32	1	3	1/2	30359	39359	39559	30460
31/64	1	3	1/2	30361	39361	39561	30461
1/2	1	3	1/2	30363	39363	39563	30462
9/16	1-1/8	3-1/2	9/16	30365	39365	39565	30463
5/8	1-1/4	3-1/2	5/8	30367	39367	39567	30464
11/16	1-3/8	4	3/4	30369	39369	39569	30465
3/4	1-1/2	4	3/4	30371	39371	39571	30466
7/8	1-1/2	4	7/8	30373	39373	39573	30467
1	1-1/2	4	1	30375	39375	39575	30468

#### TOLERANCES

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

**E**

#### Series 3

**2 Flute End Mills - Square End**

*Micrograin Solid Carbide*

30° Right Hand Spiral - Right Hand Cutting

- Center Cutting

**ES**

#### Serie 3

**Fresas de 2 filos - Punta plana**

*Carburo sólido con micrograno*

Hélice a derecha 30° - Corte a derecha

- Corte al centro

**FR**

#### Série 3

**Fraises 2 dents - Bout plat**

*Carbure monobloc, micrograin*

Hélice à droite, 30° - Coupe à droite

- Coupe au centre

TECHNICAL

