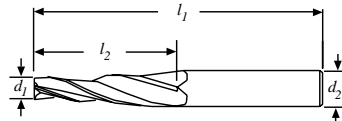


3 Flute - Single End - Taper Spiral - Square End



1

E

Series 23 End Mills - Square End
Micrograin Solid Carbide
 3 Flute - Taper Spiral - Straight Shank
 - Right Hand Cutting

ES

Fresas serie 23 - Punta plana
Carburo sólido con micrograno
 3 filos - Hélice cónica-
 Zanco cilíndrico - Corte a derecha

FR

Fraises à bout plat Série 23
Carbure monobloc micrograin
 3 dents - Cône hélicoïdal - Queue droite -
 Coupe à droite

Shank Diameter d_2	Center Line Angle	Small Diameter d_1	Appx. Length Of Cut l_2	Overall Length l_1	Uncoated EDP No.	Ti-NAMITE (TiN) EDP No.	Ti-NAMITE-C (TiCN) EDP No.	Ti-NAMITE-A (AlTiN) EDP No.
1/4	1°	1/8	1-1/2	3	32301	32370	32302	32345
1/4	1°30'	1/8	1-1/2	3	32303	32371	32304	32346
1/4	2°	1/8	1-1/4	3	32305	32372	32306	32347
1/4	3°	1/8	1	3	32307	32373	32308	32348
1/4	5°	1/8	3/4	3	32309	32374	32310	32349
1/4	7°	1/8	1/2	3	32311	32375	32312	32350
1/4	10°	3/32	1/2	3	32313	32376	32314	32351
3/8	1°	3/16	1-3/4	3-1/2	32315	32377	32316	32352
3/8	1°30'	3/16	1-3/4	3-1/2	32317	32378	32318	32353
3/8	2°	3/16	1-3/4	3-1/2	32319	32379	32320	32354
3/8	3°	5/32	1-3/4	3-1/2	32321	32380	32322	32355
3/8	5°	1/8	1-1/2	3-1/2	32323	32381	32324	32356
3/8	7°	1/8	1	3-1/2	32325	32382	32326	32357
3/8	10°	1/8	3/4	3-1/2	32327	32383	32328	32358
1/2	1°	1/4	2	4	32329	32384	32330	32359
1/2	2°	1/4	2	4	32333	32385	32334	32360
1/2	3°	1/4	2	4	32335	32386	32336	32361
1/2	5°	1/4	1-1/4	4	32337	32387	32338	32362
1/2	7°	3/16	1-1/4	4	32339	32388	32340	32363
1/2	10°	1/8	1	4	32341	32389	32342	32364

TOLERANCES

$d_1 = +.001-.002$
 $d_2 = -.0001-.0004$