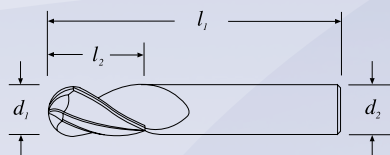


3 Flute – Single End – Ball End

Fractional
Series

5B



TOLERANCES

$d_1 = +.000 - .002$

$d_2 = -.0001 - .0004$

Series 5B • 5MB



3-Flute End Mills – Ball End
Micrograin Solid Carbide
30° Right Hand Spiral – Right Hand
Cutting – Center Cutting.

Serie 5B • 5MB



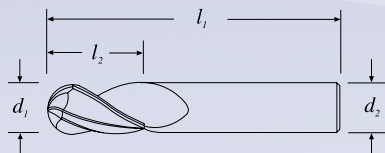
Fresas de 3 filos – Punta radial o
esférica
Carburo sólido con micrograno
Hélice a derecha 30° – Corte a
derecha – Corte al centro.

Série 5B • 5MB



Fraises 3 dents – Bout
hémisphérique
Carbure monobloc, micrograin
Hélice à droite, 30° – 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.	Series Number
1/64	1/32	1-1/2	1/8	30502	30851	30602	31130	5B
1/32	5/64	1-1/2	1/8	30504	30852	30604	31131	5B
3/64	7/64	1-1/2	1/8	30506	30853	30606	31132	5B
1/16	3/16	1-1/2	1/8	30508	30854	30608	31133	5B
5/64	3/16	1-1/2	1/8	30510	30855	30610	31134	5B
3/32	9/32	1-1/2	1/8	30512	30856	30612	31135	5B
7/64	3/8	1-1/2	1/8	30514	30857	30902	31136	5B
1/8	3/8	1-1/2	1/8	30578	30889	30943	31168	5B
1/8	1/2	1-1/2	1/8	30516	30858	30904	31137	5B
9/64	1/2	2	3/16	30518	30859	30906	31138	5B
5/32	1/2	2	3/16	30520	30860	30908	31139	5B
11/64	5/8	2	3/16	30522	30861	30910	31140	5B
3/16	5/8	2	3/16	30524	30862	30912	31141	5B
13/64	5/8	2-1/2	1/4	30526	30863	30914	31142	5B
7/32	5/8	2-1/2	1/4	30528	30864	30916	31143	5B
15/64	3/4	2-1/2	1/4	30530	30865	30918	31144	5B
1/4	3/4	2-1/2	1/4	30532	30866	30920	31145	5B
17/64	3/4	2-1/2	5/16	30534	30867	30921	31146	5B
9/32	3/4	2-1/2	5/16	30536	30868	30922	31147	5B
19/64	13/16	2-1/2	5/16	30538	30869	30923	31148	5B
5/16	13/16	2-1/2	5/16	30540	30870	30924	31149	5B
21/64	1	2-1/2	3/8	30542	30871	30925	31150	5B
11/32	1	2-1/2	3/8	30544	30872	30926	31151	5B
23/64	1	2-1/2	3/8	30546	30873	30927	31152	5B
3/8	1	2-1/2	3/8	30548	30874	30928	31153	5B
25/64	1	2-3/4	7/16	30550	30875	30929	31154	5B
13/32	1	2-3/4	7/16	30552	30876	30930	31155	5B
27/64	1	2-3/4	7/16	30554	30877	30931	31156	5B
7/16	1	2-3/4	7/16	30556	30878	30932	31157	5B
29/64	1	3	1/2	30558	30879	30933	31158	5B
15/32	1	3	1/2	30560	30880	30934	31159	5B
31/64	1	3	1/2	30562	30881	30935	31160	5B
1/2	1	3	1/2	30564	30882	30936	31161	5B
9/16	1-1/8	3-1/2	9/16	30566	30883	30937	31162	5B
5/8	1-1/4	3-1/2	5/8	30568	30884	30938	31163	5B
11/16	1-3/8	4	3/4	30570	30885	30939	31164	5B
3/4	1-1/2	4	3/4	30572	30886	30940	31165	5B
7/8	1-1/2	4	7/8	30574	30887	30941	31166	5B
1	1-1/2	4	1	30576	30888	30942	31167	5B

TOLERANCES $d_1 = +0,000 - 0,05$ $d_2 = +0,000 - 0,01$ 

Cutting Diameter d_1 mm	Length of Cut l_2 mm	Overall Length l_1 mm	Shank Diameter d_2 mm	Uncoated EDP No.	Ti-NAMITE (TiN) EDP No.	Ti-NAMITE-C (TiCN) EDP No.	Ti-NAMITE-A (AlTiN) EDP No.	Series Number
1	4	38	3	40506	48820	48842	48863	5MB
1,5	4,5	38	3	40510	48821	48843	48864	5MB
2	6,3	38	3	40514	48822	48844	48865	5MB
2,5	9,5	38	3	40518	48823	48845	48866	5MB
3	12	38	3	40522	48824	48846	48867	5MB
3	25	75	3	43502	49583	49596	49609	5XLMB
3,5	12	50	4	40526	48825	48847	48868	5MB
4	14	50	4	40530	48826	48848	48869	5MB
4	25	75	4	43504	49584	49597	49610	5XLMB
4,5	16	50	6	40534	48827	48849	48870	5MB
5	16	50	6	40538	48828	48850	48871	5MB
5	25	75	5	43508	49586	49599	49612	5XLMB
6	19	50	6	40542	48829	48851	48872	5MB
6	25	75	6	43506	49585	49598	49611	5XLMB
7	19	63	8	40546	48830	48852	48873	5MB
8	20	63	8	40550	48831	48853	48874	5MB
8	25	75	8	43516	49587	49600	49613	5XLMB
9	22	75	10	40554	48832	48854	48875	5MB
10	22	75	10	40558	48833	48855	48876	5MB
10	38	100	10	43526	49588	49601	49614	5XLMB
11	25	75	12	40562	48834	48856	48877	5MB
12	25	75	12	40566	48835	48857	48878	5MB
12	50	100	12	43536	49589	49602	49615	5XLMB
12	75	150	12	43546	49590	49603	49616	5XLMB
14	32	89	14	40570	48836	48858	48879	5MB
14	75	150	14	43556	49591	49604	49617	5XLMB
16	32	89	16	40574	48837	48859	48880	5MB
16	75	150	16	43566	49592	49605	49618	5XLMB
18	38	100	18	40578	48838	48860	48881	5MB
18	75	150	18	43576	49593	49606	49619	5XLMB
20	38	100	20	40582	48839	48861	48882	5MB
20	75	150	20	43586	49594	49607	49620	5XLMB
25	38	100	25	40586	48840	48862	48883	5MB
25	75	150	25	43596	49595	49608	49621	5XLMB

