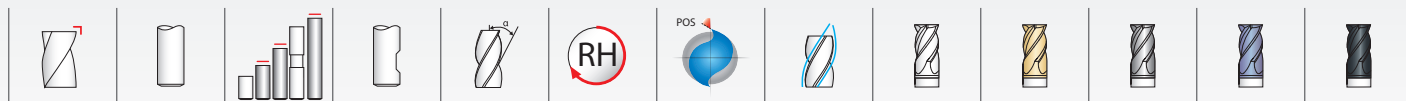
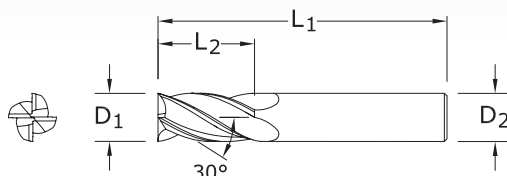


# 4 Flute End Mills



**1·1L·1EL**  
FRACTIONAL SERIES

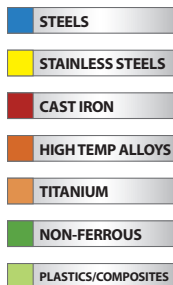


**TOLERANCES (inch)**

$D_1 = +0.000/-0.002$

$D_2 = h_6$

TECH INFO 115



inch				EDP NO.							SERIES
CUTTING DIAMETER $D_1$	LENGTH OF CUT $L_2$	OVERALL LENGTH $L_1$	SHANK DIAMETER $D_2$	UNCOATED	UNCOATED W/FLAT	TI-NAMITE (TiN)	TI-NAMITE-C (TiCN)	TI-NAMITE-A (AlTiN)	TI-NAMITE-A (AlTiN) W/FLAT	DI-NAMITE (Diamond)	
13/32	1	2-3/4	7/16	30151	—	39151	39051	30016	—	—	1
27/64	1	2-3/4	7/16	30153	—	39153	39053	30017	—	—	1
7/16	1	2-3/4	7/16	30155	—	39155	39055	30018	—	—	1
7/16	2	4-1/2	7/16	33109	—	31732	31742	31765	—	—	1L
7/16	3	6	7/16	33129	—	31865	31875	31885	—	—	1EL
29/64	1	3	1/2	30157	—	39157	39057	30019	—	—	1
15/32	1	3	1/2	30159	—	39159	39059	30020	—	—	1
31/64	1	3	1/2	30161	—	39161	39061	30021	—	—	1
1/2	1	3	1/2	30163	30180	39163	39063	30022	30380	91292	1
1/2	2	4-1/2	1/2	33111	—	31733	31743	31766	—	—	1L
1/2	3	6	1/2	33131	—	31866	31876	31886	—	—	1EL
9/16	1-1/8	3-1/2	9/16	30165	—	39165	39065	30023	—	—	1
5/8	1-1/4	3-1/2	5/8	30167	30181	39167	39067	30024	30381	—	1
5/8	2-1/4	5	5/8	33113	—	31734	31744	31767	—	—	1L
5/8	3	6	5/8	33133	—	31867	31877	31887	—	—	1EL
11/16	1-3/8	4	3/4	30169	—	39169	39069	30025	—	—	1
3/4	1-1/2	4	3/4	30171	30182	39171	39071	30026	30382	—	1
3/4	2-1/4	5	3/4	33115	—	31735	31745	31768	—	—	1L
3/4	3	6	3/4	33135	—	31868	31878	31888	—	—	1EL
7/8	1-1/2	4	7/8	30173	—	39173	39073	30027	—	—	1
1	1-1/2	4	1	30175	30183	39175	39075	30028	30383	—	1
1	2-1/4	5	1	33117	—	31736	31746	31769	—	—	1L
1	3	6	1	33137	—	31869	31879	31889	—	—	1EL
*Series 1 Set				30189	—	39189	39089	30030	—	—	1