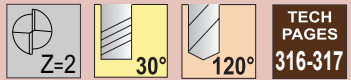
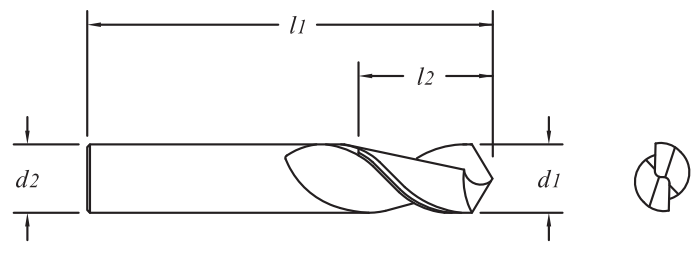


TOLERANCES	
$d_1$	+0.00° -0.002° (+.000 / -.050mm)
$d_2$	h6



Recommended for drilling and milling in mild steels and non-ferrous materials

**Drill/End Mill**  
**TiALN Coating**  
 Solid submicron grain carbide  
 Four-facet drill point geometry  
 Extremely versatile  
 Point tolerance ±1°



MATERIAL HARDNESS (Rc)

70

35

0

EDP#	$d_1$ † Diameter		$d_2$ Shank Diameter	$l_1$ Overall Length	$l_2$ Flute Length	1-11	12-24	25-49	50-100
	Decimal	Metric							
57421	.1181	3.000	3.0	38	12	14.90	14.26	13.61	12.96
57423	.1250	1/8"	3.175	1-1/2"	1/2"	14.32	13.70	13.07	12.45
57425	.1575	4.000	4.0	50	14	18.78	17.96	17.15	16.33
57427	.1875	3/16"	4.762	2"	5/8"	18.01	17.23	16.44	15.66
57429	.1969	5.000	5.0	65	16	25.06	23.97	22.88	21.79
57431	.2362	6.000	6.0	65	19	25.54	24.43	23.32	22.21
57433	.2500	1/4"	6.350	2-1/2"	3/4"	24.56	23.50	22.43	21.36
57435	.3125	5/16"	7.937	2-1/2"	7/8"	33.29	31.85	30.40	28.95
57437	.3150	8.000	8.0	65	22	34.55	33.04	31.54	30.04
57439	.3750	3/8"	9.525	2-1/2"	7/8"	38.88	37.19	35.50	33.81
57441	.3937	10.000	10.0	70	25	46.94	44.90	42.86	40.82
57443	.4375	7/16"	11.112	2-3/4"	1"	47.01	44.97	42.92	40.88
57445	.4724	12.000	12.0	75	25	69.13	66.12	63.12	60.11
57447	.5000	1/2"	12.700	3"	1"	66.32	63.44	60.55	57.67
57449	.6250	5/8"	15.875	3-1/2"	1-1/4"	105.58	100.99	96.40	91.81
57451	.6299	16.000	16.0	88	32	110.17	105.38	100.59	95.80
57453	.7500	3/4"	19.050	4"	1-1/2"	151.41	144.83	138.24	131.66
57455	.7874	20.000	20.0	100	38	214.29	204.97	195.66	186.34