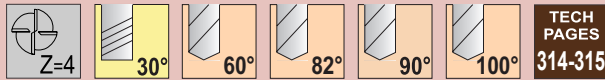


TOLERANCES	
d_1	+0.000° -0.002° (+0.000 / -0.050mm)
d_2	h6



Drill/End Mill

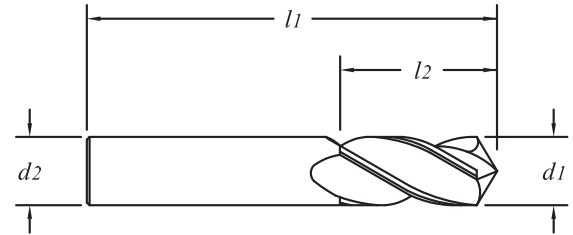
Solid submicron grain carbide

Included angle to a point - center cutting

Tools do not have drill point geometry

Extremely versatile

Point tolerance $\pm 0^\circ 30'$



MATERIAL HARDNESS (RC) 70 35 0

60° EDP#	82° EDP#	90° EDP#	100° 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								
-	-	58198	-	.1181	3.000	3.0	38	12	12.22	11.69	11.16	10.63	
-	57346	58200	-	.1250	1/8"	3.175	1/8"	1-1/2"	1/2"	11.63	11.12	10.62	10.11
-	-	58202	-	.1575		4.000	4.0	50	14	16.09	15.39	14.69	13.99
-	57350	58210	57390	.1875	3/16"	4.763	3/16"	2"	5/8"	15.32	14.65	13.99	13.32
-	57352	58212	57392	.1969		5.000	5.0	65	16	19.50	18.66	17.81	16.96
57314	57354	58214	-	.2362		6.000	6.0	65	19	20.00	19.13	18.26	17.39
57316	57356	58220	57396	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	19.03	18.21	17.38	16.55
57318	57358	58230	57398	.3125	5/16"	7.938	5/16"	2-1/2"	7/8"	24.94	23.86	22.77	21.69
57320	-	58232	57400	.3150		8.000	8.0	65	22	26.25	25.11	23.97	22.83
57322	57362	58240	57402	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	30.53	29.21	27.88	26.55
57324	-	58242	57404	.3937		10.000	10.0	70	25	37.48	35.85	34.22	32.59
-	-	58252	57408	.4724		12.000	12.0	75	25	59.70	57.10	54.51	51.91
57330	57370	58260	57410	.5000	1/2"	12.700	1/2"	3"	1"	56.83	54.36	51.89	49.42
57332	57372	58270	57412	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	91.92	87.92	83.93	79.93
-	-	58272	57414	.6299		16.000	16.0	88	32	96.50	92.30	88.11	83.91
57336	57376	58280	-	.7500	3/4"	19.050	3/4"	4"	1-1/2"	135.27	129.39	123.51	117.63