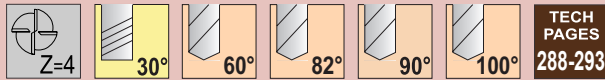


TOLERANCES	
$d_1$	+0.000° -0.002° (+.000 / -.050mm)
$d_2$	h6



**Drill/End Mill**

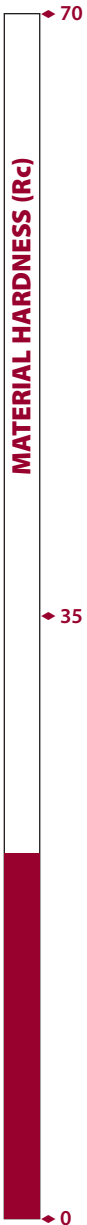
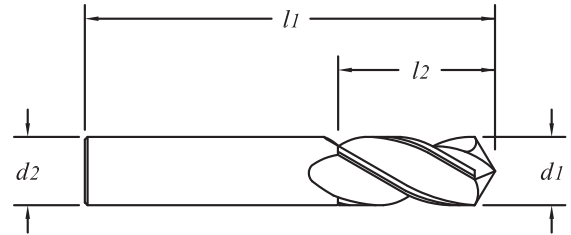
Solid submicron grain carbide

Included angle to a point - center cutting

Tools do not have drill point geometry

Extremely versatile

Point tolerance ±0°30'



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								
-	57344	58198	57384	.1181	3.000	3.0	38	12	11.19	10.70	10.22	9.73	
-	57346	58200	57386	.1250	1/8"	3.175	1/8"	1-1/2"	1/2"	10.65	10.19	9.72	9.26
-	57348	58202	57388	.1575		4.000	4.0	50	14	14.73	14.09	13.45	12.81
-	57350	58210	57390	.1875	3/16"	4.763	3/16"	2"	5/8"	14.03	13.42	12.81	12.20
-	57352	58212	57392	.1969		5.000	5.0	65	16	17.86	17.08	16.31	15.53
57314	57354	58214	57394	.2362		6.000	6.0	65	19	18.31	17.51	16.72	15.92
57316	57356	58220	57396	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	17.42	16.67	15.91	15.15
57318	57358	58230	57398	.3125	5/16"	7.938	5/16"	2-1/2"	7/8"	22.85	21.86	20.86	19.87
57320	-	58232	57400	.3150		8.000	8.0	65	22	24.04	22.99	21.95	20.90
57322	57362	58240	57402	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	27.96	26.74	25.53	24.31
57324	57364	58242	57404	.3937		10.000	10.0	70	25	34.33	32.84	31.34	29.85
57326	57366	58250	57406	.4375	7/16"	11.113	7/16"	2-3/4"	1"	34.41	32.91	31.42	29.92
57328	-	58252	57408	.4724		12.000	12.0	75	25	54.66	52.28	49.91	47.53
57330	57370	58260	57410	.5000	1/2"	12.700	1/2"	3"	1"	52.05	49.79	47.52	45.26
57332	57372	58270	57412	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	84.18	80.52	76.86	73.20
57334	-	58272	57414	.6299		16.000	16.0	88	32	88.37	84.52	80.68	76.84
57336	57376	58280	57416	.7500	3/4"	19.050	3/4"	4"	1-1/2"	123.88	118.49	113.11	107.72
57338	57378	58282	57418	.7874		20.000	20.0	100	38	174.40	166.82	159.23	151.65