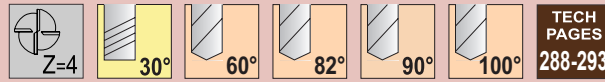


TOLERANCES

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



Drill/End Mill

TiALN Coating

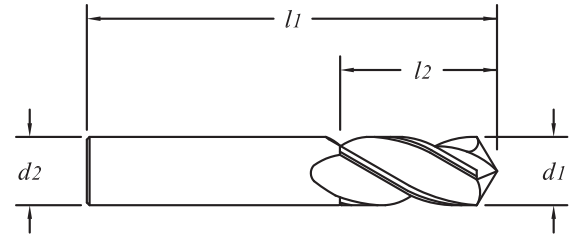
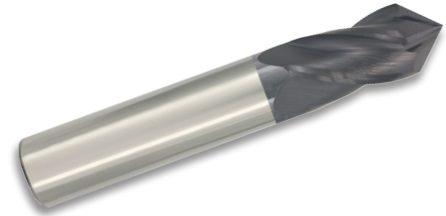
Solid submicron grain carbide

Included angle to a point - center cutting

Tools do not have drill point geometry

Extremely versatile

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



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								
-	58344	58205	58384	.1181	3.000	3.0	38	12	13.65	13.06	12.46	11.87	
-	58346	58207	-	.1250	1/8"	3.175	1/8"	1-1/2"	1/2"	13.11	12.54	11.97	11.40
-	58348	58209	58388	.1575	4.000	4.0	50	14	17.19	16.45	15.70	14.95	
-	58350	58217	58390	.1875	3/16"	4.763	3/16"	2"	5/8"	16.49	15.77	15.06	14.34
-	58352	58219	58392	.1969	5.000	5.0	65	16	22.94	21.95	20.95	19.95	
58314	58354	58221	58394	.2362	6.000	6.0	65	19	23.39	22.37	21.36	20.34	
58316	58356	58227	58396	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	22.49	21.52	20.54	19.56
58318	58358	58237	58398	.3125	5/16"	7.938	5/16"	2-1/2"	7/8"	30.49	29.16	27.84	26.51
58320	-	58239	58400	.3150	8.000	8.0	65	22	31.63	30.25	28.88	27.50	
58322	58362	58247	58402	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	35.60	34.06	32.51	30.96
58324	58364	58249	58404	.3937	10.000	10.0	70	25	42.99	41.12	39.25	37.38	
58326	58366	58257	-	.4375	7/16"	11.113	7/16"	2-3/4"	1"	43.06	41.18	39.31	37.44
58328	-	58259	58408	.4724	12.000	12.0	75	25	63.31	60.56	57.80	55.05	
58330	58370	58267	58410	.5000	1/2"	12.700	1/2"	3"	1"	60.73	58.09	55.45	52.81
58332	58372	58277	58412	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	96.69	92.49	88.28	84.08
-	58374	58279	-	.6299	16.000	16.0	88	32	100.89	96.50	92.12	87.73	
58336	58376	58287	58416	.7500	3/4"	19.050	3/4"	4"	1-1/2"	138.66	132.63	126.60	120.57
58338	58378	58289	-	.7874	20.000	20.0	100	38	196.24	187.70	179.17	170.64	

MATERIAL HARDNESS (Rc)
70
35
0