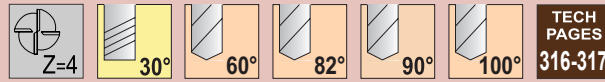


TOLERANCES

$d1$	+0.000° -0.002" (+.000 / -.050mm)
$d2$	h6



Drill/End Mill

TiAlN Coating

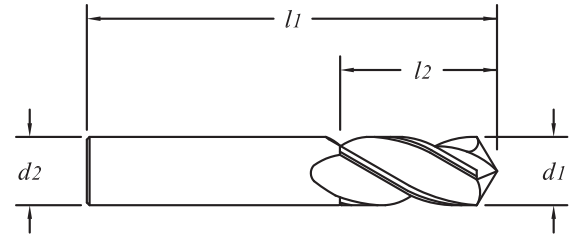
Solid submicron grain carbide

Included angle to a point - center cutting

Tools do not have drill point geometry

Extremely versatile

Point tolerance ±0°30'



60° EDP#	82° EDP#	90° EDP#	100° EDP#	$d1$ † Diameter		$d2$ Shank Diameter	$l1$ Overall Length	$l2$ Flute Length	1-11	12-24	25-49	50-100	
				Decimal	Metric								
-	-	58205	-	.1181	3.000	3.0	38	12	14.90	14.26	13.61	12.96	
-	58346	58207	-	.1250	1/8"	3.175	1/8"	1-1/2"	1/2"	14.32	13.70	13.07	12.45
-	58348	58209	58388	.1575		4.000	4.0	50	14	18.78	17.96	17.15	16.33
-	58350	58217	58390	.1875	3/16"	4.763	3/16"	2"	5/8"	18.01	17.23	16.44	15.66
-	-	58219	-	.1969		5.000	5.0	65	16	16.09	15.39	14.69	13.99
58314	58354	58221	58394	.2362		6.000	6.0	65	19	25.54	24.43	23.32	22.21
58316	58356	58227	58396	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	24.56	23.50	22.43	21.36
58318	58358	58237	58398	.3125	5/16"	7.938	5/16"	2-1/2"	7/8"	33.29	31.85	30.40	28.95
58320	-	58239	58400	.3150		8.000	8.0	65	22	34.55	33.04	31.54	30.04
58322	58362	58247	58402	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	38.88	37.19	35.50	33.81
58324	58364	58249	58404	.3937		10.000	10.0	70	25	46.94	44.90	42.86	40.82
58326	58366	58257	-	.4375	7/16"	11.113	7/16"	2-3/4"	1"	47.01	44.97	42.92	40.88
58328	-	58259	58408	.4724		12.000	12.0	75	25	69.13	66.12	63.12	60.11
58330	58370	58267	58410	.5000	1/2"	12.700	1/2"	3"	1"	66.32	63.44	60.55	57.67
58332	58372	58277	58412	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	105.58	100.99	96.40	91.81
-	58374	58279	-	.6299		16.000	16.0	88	32	110.17	105.38	100.59	95.80
58336	58376	58287	58416	.7500	3/4"	19.050	3/4"	4"	1-1/2"	151.41	144.83	138.24	131.66
-	58378	58289	-	.7874		20.000	20.0	100	38	214.29	204.97	195.66	186.34

MATERIAL HARDNESS (Rc)

70

35

0