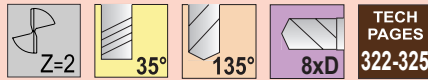


Series 1800H

.1875" - .3125"
(4.763mm - 7.938mm)



TOLERANCES	
d	+0.000" -0.005" (+0.000 -0.127mm)
l_1	+0.125" -0.125" (+3.175 -3.175mm)
l_2	+0.125" -0.125" (+3.175 -3.175mm)

Recommended for deep holes in soft, non-ferrous materials (aluminum, brass, bronze)

Parabolic

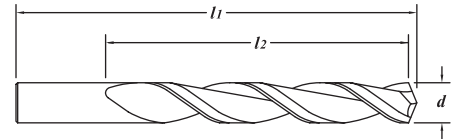
Hardlube Coating

Solid submicron grain carbide drill

Wide open flutes and high helix remove chips quickly

4-facet point

Live tooling recommended on lathe processes



EDP#	d † Diameter		l_1 Overall Length	l_2 Flute Length	1-11	12-24	25-49	50-100	
	Decimal	Metric							
22436	.1875	3/16"	4.763	3-13/16"	2-5/16"	25.88	24.75	23.63	22.50
22441	.1890	#12	4.801	3-13/16"	2-5/16"	26.45	25.30	24.15	23.00
22456	.1960	#9	4.978	3-15/16"	2-7/16"	28.29	27.06	25.83	24.60
22461	.1969		5.000	100	62	28.89	27.63	26.38	25.12
22466	.1990	#8	5.055	3-15/16"	2-7/16"	29.37	28.09	26.82	25.54
22471	.2010	#7	5.105	3-15/16"	2-7/16"	29.90	28.60	27.30	26.00
22476	.2031	13/64"	5.159	3-15/16"	2-7/16"	29.22	27.95	26.68	25.41
22486	.2055	#5	5.220	4"	2-1/2"	31.40	30.03	28.67	27.30
22496	.2130	#3	5.410	4"	2-1/2"	32.37	30.97	29.56	28.15
22501	.2165		5.500	102	64	32.90	31.47	30.04	28.61
22506	.2188	7/32"	5.558	4"	2-1/2"	33.40	31.94	30.49	29.04
22511	.2210	#2	5.613	4"	2-1/2"	33.88	32.41	30.93	29.46
22516	.2280	#1	5.791	4-1/8"	2-5/8"	34.40	32.90	31.41	29.91
22531	.2362		6.000	105	67	35.96	34.40	32.83	31.27
22541	.2420	C	6.147	4-1/4"	2-3/4"	36.36	34.78	33.20	31.62
22546	.2460	D	6.248	4-1/4"	2-3/4"	36.51	34.93	33.34	31.75
22551	.2500	1/4" / E	6.350	4-1/4"	2-3/4"	36.71	35.11	33.52	31.92
22556	.2559		6.500	108	70	37.93	36.28	34.63	32.98
22561	.2570	F	6.528	4-3/8"	2-7/8"	39.53	37.81	36.09	34.37
22566	.2610	G	6.629	4-3/8"	2-7/8"	40.61	38.84	37.08	35.31
22571	.2656	17/64"	6.746	4-3/8"	2-7/8"	41.78	39.96	38.15	36.33
22576	.2660	H	6.756	4-3/8"	2-7/8"	43.15	41.27	39.40	37.52
22581	.2720	I	6.909	4-3/8"	2-7/8"	44.45	42.52	40.58	38.65
22586	.2756		7.000	111	73	45.78	43.79	41.80	39.81
22596	.2810	K	7.137	4-7/16"	2-15/16"	47.78	45.71	43.63	41.55
22606	.2900	L	7.366	4-7/16"	2-15/16"	49.90	47.73	45.56	43.39
22631	.3125	5/16"	7.938	4-11/16"	3-3/16"	52.16	49.90	47.63	45.36

EDP#	d^+ Diameter		l_1 Overall Length	l_2 Flute Length	1-11	12-24	25-49	50-100
	Decimal	Metric						
22636	.3150	8.000	119	81	55.15	52.76	50.36	47.96
22646	.3230	P 8.204	4-11/16"	3-3/16"	57.68	55.18	52.67	50.16
22656	.3320	Q 8.433	4-15/16"	3-7/16"	60.24	57.62	55.00	52.38
22661	.3346	8.500	125	87	61.50	58.83	56.15	53.48
22666	.3390	R 8.611	4-15/16"	3-7/16"	63.43	60.68	57.92	55.16
22696	.3680	U 9.347	5"	3-1/2"	70.06	67.01	63.97	60.92
22706	.3750	3/8" 9.525	5-1/8"	3-5/8"	70.64	67.57	64.50	61.43
22721	.3906	25/64" 9.921	5-1/4"	3-3/4"	77.69	74.32	70.94	67.56
22726	.3937	10.000	133	95	80.02	76.54	73.06	69.58
22751	.4134	10.500	137	98	93.86	89.78	85.70	81.62
22761	.4331	11.000	138	100	101.17	96.77	92.37	87.97
22766	.4375	7/16" 11.113	5-7/16"	3-15/16"	101.17	96.77	92.37	87.97
22776	.4531	29/64" 11.509	5-9/16"	4-5/16"	102.60	98.14	93.68	89.22
22801	.5000	1/2" 12.700	6"	4-1/2"	107.92	103.22	98.53	93.84
22811	.5156	33/64" 13.096	6"	4-1/2"	136.40	130.47	124.54	118.61
22831	.5512	14.000	156	117	159.93	152.98	146.02	139.07

