

TOLERANCES

<i>d</i>	+.0000" - .0005" (+.0000 - .0127mm)	
<i>l1</i>	≤ 1/8"	+.125" - .062" (+3.175 - 1.588mm)
	> 1/8"	+.125" - .125" (+3.175 - 3.175mm)
<i>l2</i>	≤ 1/8"	+.125" - .062" (+3.175 - 1.588mm)
	> 1/8"	+.125" - .125" (+3.175 - 3.175mm)

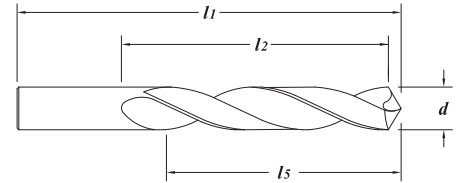


Series 1200

.0625" - .1575"
(1.588mm - 4.000mm)

**GENERAL PURPOSE
DRILLS**

Solid submicron grain carbide drill
General purpose jobber style
Cam point (≤1/8" diameter - 4-facet point)
Live tooling recommended on lathe processes
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EDP#	<i>d</i> † Diameter		<i>l1</i> Overall Length	<i>l2</i> Flute Length	<i>l5</i> Max Drill Depth	LIST PRICE
	Decimal	Metric				
56165	.0625	1/16"	1.588	3/4"	.331"	7.03
56170	.0635	#52	1.613	3/4"	.337"	7.13
56175	.0670	#51	1.702	3/4"	.355"	7.24
56180	.0700	#50	1.778	7/8"	.371"	7.41
56185	.0730	#49	1.854	7/8"	.387"	7.61
56190	.0760	#48	1.930	7/8"	.403"	7.86
56195	.0781	5/64"	1.984	7/8"	.414"	8.15
56200	.0785	#47	1.994	7/8"	.416"	8.43
56205	.0787		2.000	44	11	8.56
56210	.0810	#46	2.057	7/8"	.429"	8.70
56215	.0820	#45	2.083	7/8"	.435"	8.96
56220	.0860	#44	2.184	2"	1"	9.25
56225	.0890	#43	2.261	2"	1"	9.52
56230	.0935	#42	2.375	2"	1"	9.65
56235	.0938	3/32"	2.383	2"	1"	9.86
56240	.0960	#41	2.438	2"	1"	9.95
56245	.0980	#40	2.489	2"	1"	10.10
56250	.0984		2.500	57	32	10.16
56255	.0995	#39	2.527	2-1/4"	1-1/4"	10.20
56260	.1015	#38	2.578	2-1/4"	1-1/4"	10.32
56265	.1040	#37	2.642	2-1/4"	1-1/4"	10.46
56270	.1065	#36	2.705	2-1/4"	1-1/4"	10.59
56275	.1094	7/64"	2.779	2-1/4"	1-1/4"	10.77
56280	.1100	#35	2.794	2-1/4"	1-1/4"	10.89
56285	.1110	#34	2.819	2-1/4"	1-1/4"	11.02
56290	.1130	#33	2.870	2-1/4"	1-1/4"	11.23
56295	.1160	#32	2.946	2-1/4"	1-1/4"	11.35
56300	.1181		3.000	57	32	11.46
56305	.1200	#31	3.048	2-1/4"	1-1/4"	11.53
56310	.1250	1/8"	3.175	2-1/4"	1-1/4"	11.67
56315	.1285	#30	3.264	2-1/4"	1-1/4"	11.97
56320	.1360	#29	3.454	2-1/2"	1-3/8"	12.35
56325	.1378		3.500	63	35	12.75
56330	.1405	#28	3.569	2-1/2"	1-3/8"	12.87
56335	.1406	9/64"	3.571	2-1/2"	1-3/8"	13.03
56340	.1440	#27	3.658	2-1/2"	1-3/8"	13.54
56345	.1470	#26	3.734	2-1/2"	1-3/8"	13.67
56350	.1495	#25	3.797	2-1/2"	1-3/8"	13.85
56355	.1520	#24	3.861	2-1/2"	1-3/8"	13.88
56360	.1540	#23	3.912	2-1/2"	1-3/8"	13.97
56365	.1562	5/32"	3.967	2-1/2"	1-3/8"	14.07
56370	.1570	#22	3.988	2-1/2"	1-3/8"	14.95
56375	.1575		4.000	63	35	15.14

continued →

Series 1200 (continued)

.1590" - .3346"
(4.039mm - 8.500mm)

EDP#	d^{\dagger} Diameter		l_1 Overall Length	l_2 Flute Length	l_5 Max Drill Depth	LIST PRICE	
	Decimal	Metric					
56380	.1590	#21	4.039	2-1/2"	1-3/8"	.843"	15.31
56385	.1610	#20	4.089	2-1/2"	1-3/8"	.853"	15.42
56390	.1660	#19	4.216	2-3/4"	1-5/8"	.880"	16.06
56395	.1695	#18	4.305	2-3/4"	1-5/8"	.898"	16.25
56400	.1719	11/64"	4.366	2-3/4"	1-5/8"	.911"	16.60
56405	.1730	#17	4.394	2-3/4"	1-5/8"	.917"	16.82
56410	.1770	#16	4.496	2-3/4"	1-5/8"	.938"	17.00
56415	.1772		4.500	70	41	24	17.09
56420	.1800	#15	4.572	2-3/4"	1-5/8"	.954"	17.17
56425	.1820	#14	4.623	2-3/4"	1-5/8"	.965"	17.56
56430	.1850	#13	4.700	2-3/4"	1-5/8"	.981"	17.69
56435	.1875	3/16"	4.763	2-3/4"	1-5/8"	.994"	17.78
56440	.1890	#12	4.801	2-3/4"	1-5/8"	1.002"	18.36
56445	.1910	#11	4.851	2-3/4"	1-5/8"	1.012"	18.55
56450	.1935	#10	4.915	2-3/4"	1-5/8"	1.026"	19.45
56455	.1960	#9	4.978	3"	1-3/4"	1.039"	19.93
56460	.1969		5.000	76	44	26	20.05
56465	.1990	#8	5.055	3"	1-3/4"	1.055"	20.18
56470	.2010	#7	5.105	3"	1-3/4"	1.065"	20.76
56475	.2031	13/64"	5.159	3"	1-3/4"	1.077"	20.93
56480	.2040	#6	5.182	3"	1-3/4"	1.081"	21.35
56485	.2055	#5	5.220	3"	1-3/4"	1.089"	21.80
56490	.2090	#4	5.309	3"	1-3/4"	1.108"	22.17
56495	.2130	#3	5.410	3"	1-3/4"	1.129"	22.56
56500	.2165		5.500	76	44	29	22.74
56505	.2188	7/32"	5.558	3"	1-3/4"	1.160"	22.90
56510	.2210	#2	5.613	3"	1-3/4"	1.171"	23.47
56515	.2280	#1	5.791	3"	1-3/4"	1.208"	23.60
56520	.2340	A	5.944	3-1/4"	2"	1.240"	23.87
56525	.2344	15/64"	5.954	3-1/4"	2"	1.242"	23.94
56530	.2362		6.000	82	50	32	24.03
56535	.2380	B	6.045	3-1/4"	2"	1.262"	24.11
56540	.2420	C	6.147	3-1/4"	2"	1.283"	24.30
56545	.2460	D	6.248	3-1/4"	2"	1.304"	24.47
56550	.2500	1/4" / E	6.350	3-1/4"	2"	1.325"	24.64
56555	.2559		6.500	82	50	34	25.24
56560	.2570	F	6.528	3-1/4"	2"	1.362"	25.76
56565	.2610	G	6.629	3-1/2"	2-1/8"	1.383"	26.29
56570	.2656	17/64"	6.746	3-1/2"	2-1/8"	1.408"	26.82
56575	.2660	H	6.756	3-1/2"	2-1/8"	1.410"	27.59
56580	.2720	I	6.909	3-1/2"	2-1/8"	1.442"	27.89
56585	.2756		7.000	88	54	37	28.12
56590	.2770	J	7.036	3-1/2"	2-1/8"	1.468"	28.37
56595	.2810	K	7.137	3-1/2"	2-1/8"	1.489"	28.62
56600	.2812	9/32"	7.142	3-1/2"	2-1/8"	1.490"	28.81
56605	.2900	L	7.366	3-1/2"	2-1/8"	1.537"	29.83
56610	.2950	M	7.493	3-3/4"	2-3/8"	1.564"	31.94
56615	.2953		7.500	95	60	40	31.94
56620	.2969	19/64"	7.541	3-3/4"	2-3/8"	1.574"	31.94
56625	.3020	N	7.671	3-3/4"	2-3/8"	1.601"	33.83
56630	.3125	5/16"	7.938	3-3/4"	2-3/8"	1.656"	33.96
56635	.3150		8.000	95	60	42	36.44
56640	.3160	O	8.026	3-3/4"	2-3/8"	1.675"	36.44
56645	.3230	P	8.204	3-3/4"	2-3/8"	1.712"	36.44
56650	.3281	21/64"	8.334	4"	2-1/2"	1.739"	36.97
56655	.3320	Q	8.433	4"	2-1/2"	1.760"	37.84
56660	.3346		8.500	101	63	45	38.17

EDP#	d^+ Diameter		l_1 Overall Length	l_2 Flute Length	l_5 Max Drill Depth	LIST PRICE	
	Decimal	Metric					
56665	.3390	R	8.611	4"	2-1/2"	1.797"	39.40
56670	.3438	11/32"	8.733	4"	2-1/2"	1.822"	40.99
56675	.3480	S	8.839	4"	2-1/2"	1.845"	41.14
56680	.3543		9.000	101	63	48	41.38
56685	.3580	T	9.093	4-1/4"	2-3/4"	1.898"	41.75
56690	.3594	23/64"	9.129	4-1/4"	2-3/4"	1.905"	42.04
56695	.3680	U	9.347	4-1/4"	2-3/4"	1.951"	47.71
56700	.3740		9.500	107	70	50	48.16
56705	.3750	3/8"	9.525	4-1/4"	2-3/4"	1.988"	48.54
56710	.3770	V	9.576	4-1/4"	2-3/4"	1.998"	49.46
56715	.3860	W	9.804	4-1/2"	2-7/8"	2.046"	50.51
56720	.3906	25/64"	9.921	4-1/2"	2-7/8"	2.070"	51.26
56725	.3937		10.000	114	73	53	53.10
56730	.3970	X	10.084	4-1/2"	2-7/8"	2.104"	54.67
56735	.4040	Y	10.262	4-1/2"	2-7/8"	2.141"	55.11
56740	.4062	13/32"	10.317	4-1/2"	2-7/8"	2.153"	57.09
56745	.4130	Z	10.490	4-1/2"	2-7/8"	2.189"	57.70
56750	.4134		10.500	114	73	56	57.70
56755	.4219	27/64"	10.716	4-1/2"	2-7/8"	2.236"	58.35
56760	.4331		11.000	114	73	58	63.36
56765	.4375	7/16"	11.113	4-1/2"	2-7/8"	2.319"	63.36
56770	.4528		11.500	120	76	61	68.74
56775	.4531	29/64"	11.509	4-3/4"	3"	2.402"	68.74
56780	.4688	15/32"	11.908	4-3/4"	3"	2.485"	72.70
56785	.4724		12.000	120	76	64	72.93
56790	.4844	31/64"	12.304	4-3/4"	3"	2.568"	72.93
56795	.4921		12.500	120	76	2.608"	74.88
56800	.5000	1/2"	12.700	4-3/4"	3"	2.650"	74.88



Drill Manufacturing