TOLERANCES

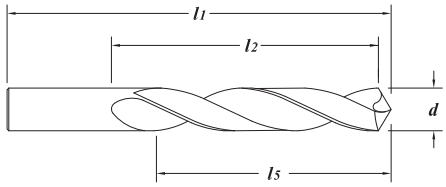
d	+.0000" –.0005" (+.0000 –.0127mm)	
l_1	≤ 1/8"	+.125" –.062" (+3.175 –1.588mm)
	> 1/8"	+.125" –.125" (+3.175 –3.175mm)
l_2	≤ 1/8"	+.125" –.062" (+3.175 –1.588mm)
	>1/8"	+.125" –.125" (+3.175 –3.175mm)

Z=2 | 25° | 118° | 5xD | TECH PAGES 320-323

Series 1200

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

Solid submicron grain carbide drill
General purpose jobber style
Cam point (≤1/8" diameter - 4-facet point)
Live tooling recommended on lathe processes
Durana Coating - page 88



EDP#	*d* † Diameter Decimal	Diameter	Metric	l_1 Overall Length	l_2 Flute Length	l_5 Max Drill Depth	1-11	12-24	25-49	50-100
56165	.0625	1/16"	1.588	1-3/4"	3/4"	.331"	7.42	7.10	6.77	6.45
56170	.0635	#52	1.613	1-3/4"	3/4"	.337"	7.52	7.19	6.87	6.54
56175	.0670	#51	1.702	1-3/4"	3/4"	.355"	7.64	7.30	6.97	6.64
56180	.0700	#50	1.778	1-3/4"	7/8"	.371"	7.82	7.48	7.14	6.80
56185	.0730	#49	1.854	1-3/4"	7/8"	.387"	8.03	7.68	7.33	6.98
56190	.0760	#48	1.930	1-3/4"	7/8"	.403"	8.29	7.93	7.57	7.21
56195	.0781	5/64"	1.984	1-3/4"	7/8"	.414"	8.60	8.23	7.85	7.48
56200	.0785	#47	1.994	1-3/4"	7/8"	.416"	8.89	8.50	8.12	7.73
56205	.0787		2.000	44	22	11	9.03	8.64	8.24	7.85
56210	.0810	#46	2.057	1-3/4"	7/8"	.429"	9.18	8.78	8.38	7.98
56215	.0820	#45	2.083	1-3/4"	7/8"	.435"	9.45	9.04	8.63	8.22
56220	.0860	#44	2.184	2"	1"	.456"	9.76	9.34	8.91	8.49
56225	.0890	#43	2.261	2"	1"	.472"	10.04	9.60	9.17	8.73
56230	.0935	#42	2.375	2"	1"	.496"	10.18	9.74	9.29	8.85
56235	.0938	3/32"	2.383	2"	1"	.497"	10.41	9.96	9.50	9.05
56240	.0960	#41	2.438	2"	1"	.509"	10.50	10.04	9.59	9.13
56245	.0980	#40	2.489	2"	1"	.519"	10.66	10.20	9.73	9.27
56250	.0984		2.500	57	32	13	10.72	10.25	9.79	9.32
56255	.0995	#39	2.527	2-1/4"	1-1/4"	.527"	10.76	10.30	9.83	9.36
56260	.1015	#38	2.578	2-1/4"	1-1/4"	.538"	10.89	10.42	9.94	9.47
56265	.1040	#37	2.642	2-1/4"	1-1/4"	.551"	11.04	10.56	10.08	9.60
56270	.1065	#36	2.705	2-1/4"	1-1/4"	.564"	11.18	10.69	10.21	9.72
56275	.1094	7/64"	2.779	2-1/4"	1-1/4"	.580"	11.36	10.87	10.37	9.88
56280	.1100	#35	2.794	2-1/4"	1-1/4"	.583"	11.49	10.99	10.49	9.99
56285	.1110	#34	2.819	2-1/4"	1-1/4"	.588"	11.63	11.12	10.62	10.11
56290	.1130	#33	2.870	2-1/4"	1-1/4"	.599"	11.85	11.33	10.82	10.30
56295	.1160	#32	2.946	2-1/4"	1-1/4"	.615"	11.97	11.45	10.93	10.41
56300	.1181		3.000	57	32	16	12.09	11.56	11.04	10.51
56305	.1200	#31	3.048	2-1/4"	1-1/4"	.636"	12.17	11.64	11.11	10.58
56310	.1250	1/8"	3.175	2-1/4"	1-1/4"	.663"	12.32	11.78	11.25	10.71
56315	.1285	#30	3.264	2-1/4"	1-1/4"	.681"	12.63	12.08	11.53	10.98
56320	.1360	#29	3.454	2-1/2"	1-3/8"	.721"	13.03	12.46	11.90	11.33
56325	.1378		3.500	63	35	19	13.46	12.87	12.29	11.70
56330	.1405	#28	3.569	2-1/2"	1-3/8"	.745"	13.58	12.99	12.40	11.81
56335	.1406	9/64"	3.571	2-1/2"	1-3/8"	.745"	13.74	13.15	12.55	11.95
56340	.1440	#27	3.658	2-1/2"	1-3/8"	.763"	14.28	13.66	13.04	12.42
56345	.1470	#26	3.734	2-1/2"	1-3/8"	.779"	14.42	13.79	13.17	12.54
56350	.1495	#25	3.797	2-1/2"	1-3/8"	.792"	14.62	13.98	13.35	12.71
56355	.1520	#24	3.861	2-1/2"	1-3/8"	.806"	14.64	14.00	13.37	12.73
56360	.1540	#23	3.912	2-1/2"	1-3/8"	.816"	14.74	14.10	13.46	12.82
56365	.1562	5/32"	3.967	2-1/2"	1-3/8"	.828"	14.85	14.20	13.56	12.91
56370	.1570	#22	3.988	2-1/2"	1-3/8"	.832"	15.78	15.09	14.41	13.72
56375	.1575		4.000	63	35	21	15.97	15.28	14.58	13.89

continued →

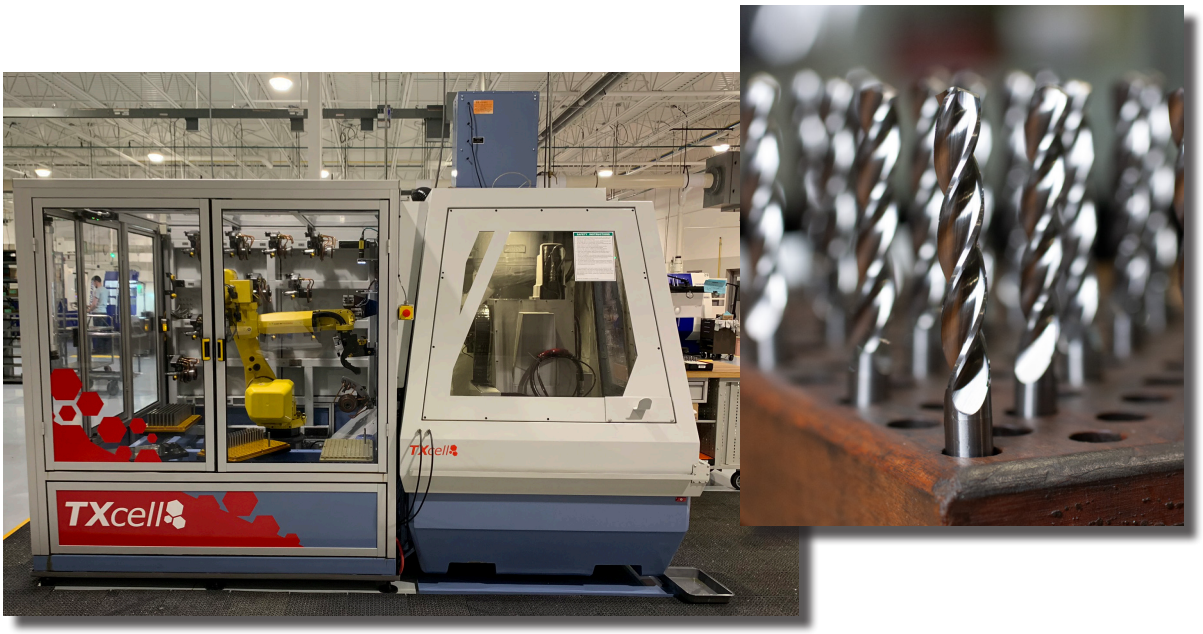
Series 1200 *(continued)*

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

EDP#	*d* † Diameter Decimal	Diameter	Metric	*l1* Overall Length	*l2* Flute Length	*l5* Max Drill Depth	1-11	12-24	25-49	50-100
56380	.1590	#21	4.039	2-1/2"	1-3/8"	.843"	16.16	15.46	14.75	14.05
56385	.1610	#20	4.089	2-1/2"	1-3/8"	.853"	16.27	15.57	14.86	14.15
56390	.1660	#19	4.216	2-3/4"	1-5/8"	.880"	16.94	16.20	15.47	14.73
56395	.1695	#18	4.305	2-3/4"	1-5/8"	.898"	17.15	16.40	15.66	14.91
56400	.1719	11/64"	4.366	2-3/4"	1-5/8"	.911"	17.51	16.75	15.99	15.23
56405	.1730	#17	4.394	2-3/4"	1-5/8"	.917"	17.74	16.97	16.20	15.43
56410	.1770	#16	4.496	2-3/4"	1-5/8"	.938"	17.94	17.16	16.38	15.60
56415	.1772		4.500	70	41	24	18.03	17.25	16.46	15.68
56420	.1800	#15	4.572	2-3/4"	1-5/8"	.954"	18.11	17.33	16.54	15.75
56425	.1820	#14	4.623	2-3/4"	1-5/8"	.965"	18.53	17.72	16.92	16.11
56430	.1850	#13	4.700	2-3/4"	1-5/8"	.981"	18.66	17.85	17.04	16.23
56435	.1875	3/16"	4.763	2-3/4"	1-5/8"	.994"	18.76	17.94	17.13	16.31
56440	.1890	#12	4.801	2-3/4"	1-5/8"	1.002"	19.37	18.52	17.68	16.84
56445	.1910	#11	4.851	2-3/4"	1-5/8"	1.012"	19.57	18.72	17.87	17.02
56450	.1935	#10	4.915	2-3/4"	1-5/8"	1.026"	20.52	19.62	18.73	17.84
56455	.1960	#9	4.978	3"	1-3/4"	1.039"	21.02	20.11	19.19	18.28
56460	.1969		5.000	76	44	26	21.15	20.23	19.31	18.39
56465	.1990	#8	5.055	3"	1-3/4"	1.055"	21.29	20.36	19.44	18.51
56470	.2010	#7	5.105	3"	1-3/4"	1.065"	21.91	20.96	20.00	19.05
56475	.2031	13/64"	5.159	3"	1-3/4"	1.077"	22.08	21.12	20.16	19.20
56480	.2040	#6	5.182	3"	1-3/4"	1.081"	22.53	21.55	20.57	19.59
56485	.2055	#5	5.220	3"	1-3/4"	1.089"	23.00	22.00	21.00	20.00
56490	.2090	#4	5.309	3"	1-3/4"	1.108"	23.39	22.37	21.36	20.34
56495	.2130	#3	5.410	3"	1-3/4"	1.129"	23.81	22.77	21.74	20.70
56500	.2165		5.500	76	44	29	23.99	22.95	21.90	20.86
56505	.2188	7/32"	5.558	3"	1-3/4"	1.160"	24.16	23.11	22.06	21.01
56510	.2210	#2	5.613	3"	1-3/4"	1.171"	24.76	23.68	22.61	21.53
56515	.2280	#1	5.791	3"	1-3/4"	1.208"	24.90	23.82	22.73	21.65
56520	.2340	A	5.944	3-1/4"	2"	1.240"	25.19	24.09	23.00	21.90
56525	.2344	15/64"	5.954	3-1/4"	2"	1.242"	25.25	24.16	23.06	21.96
56530	.2362		6.000	82	50	32	25.36	24.26	23.15	22.05
56535	.2380	B	6.045	3-1/4"	2"	1.262"	25.44	24.33	23.23	22.12
56540	.2420	C	6.147	3-1/4"	2"	1.283"	25.63	24.52	23.40	22.29
56545	.2460	D	6.248	3-1/4"	2"	1.304"	25.82	24.70	23.57	22.45
56550	.2500	1/4" / E	6.350	3-1/4"	2"	1.325"	26.00	24.87	23.74	22.61
56555	.2559		6.500	82	50	34	26.63	25.48	24.32	23.16
56560	.2570	F	6.528	3-1/4"	2"	1.362"	27.17	25.99	24.81	23.63
56565	.2610	G	6.629	3-1/2"	2-1/8"	1.383"	27.74	26.53	25.33	24.12
56570	.2656	17/64"	6.746	3-1/2"	2-1/8"	1.408"	28.30	27.07	25.84	24.61
56575	.2660	H	6.756	3-1/2"	2-1/8"	1.410"	29.11	27.84	26.58	25.31
56580	.2720	I	6.909	3-1/2"	2-1/8"	1.442"	29.43	28.15	26.87	25.59
56585	.2756		7.000	88	54	37	29.67	28.38	27.09	25.80
56590	.2770	J	7.036	3-1/2"	2-1/8"	1.468"	29.93	28.63	27.33	26.03
56595	.2810	K	7.137	3-1/2"	2-1/8"	1.489"	30.20	28.89	27.57	26.26
56600	.2812	9/32"	7.142	3-1/2"	2-1/8"	1.490"	30.39	29.07	27.75	26.43
56605	.2900	L	7.366	3-1/2"	2-1/8"	1.537"	31.48	30.11	28.74	27.37
56610	.2950	M	7.493	3-3/4"	2-3/8"	1.564"	33.70	32.23	30.77	29.30
56615	.2953		7.500	95	60	40	33.70	32.23	30.77	29.30
56620	.2969	19/64"	7.541	3-3/4"	2-3/8"	1.574"	33.70	32.23	30.77	29.30
56625	.3020	N	7.671	3-3/4"	2-3/8"	1.601"	35.70	34.14	32.59	31.04
56630	.3125	5/16"	7.938	3-3/4"	2-3/8"	1.656"	35.83	34.28	32.72	31.16
56635	.3150		8.000	95	60	42	38.44	36.77	35.10	33.43
56640	.3160	O	8.026	3-3/4"	2-3/8"	1.675"	38.44	36.77	35.10	33.43
56645	.3230	P	8.204	3-3/4"	2-3/8"	1.712"	38.44	36.77	35.10	33.43
56650	.3281	21/64"	8.334	4"	2-1/2"	1.739"	39.01	37.31	35.62	33.92
56655	.3320	Q	8.433	4"	2-1/2"	1.760"	39.93	38.19	36.46	34.72
56660	.3346		8.500	101	63	45	40.27	38.52	36.77	35.02

† *Metric equivalents are for reference only*

EDP#	*d* † Diameter Decimal		Metric	*l*1 Overall Length	*l*2 Flute Length	*l*5 Max Drill Depth	1-11	12-24	25-49	50-100
56665	.3390	R	8.611	4"	2-1/2"	1.797"	41.57	39.77	37.96	36.15
56670	.3438	11/32"	8.733	4"	2-1/2"	1.822"	43.25	41.37	39.49	37.61
56675	.3480	S	8.839	4"	2-1/2"	1.845"	43.40	41.51	39.63	37.74
56680	.3543		9.000	101	63	48	43.65	41.76	39.86	37.96
56685	.3580	T	9.093	4-1/4"	2-3/4"	1.898"	44.05	42.13	40.22	38.30
56690	.3594	23/64"	9.129	4-1/4"	2-3/4"	1.905"	44.36	42.43	40.50	38.57
56695	.3680	U	9.347	4-1/4"	2-3/4"	1.951"	50.34	48.15	45.96	43.77
56700	.3740		9.500	107	70	50	50.81	48.60	46.39	44.18
56705	.3750	3/8"	9.525	4-1/4"	2-3/4"	1.988"	51.21	48.98	46.76	44.53
56710	.3770	V	9.576	4-1/4"	2-3/4"	1.998"	52.19	49.92	47.65	45.38
56715	.3860	W	9.804	4-1/2"	2-7/8"	2.046"	53.29	50.97	48.66	46.34
56720	.3906	25/64"	9.921	4-1/2"	2-7/8"	2.070"	54.08	51.73	49.38	47.03
56725	.3937		10.000	114	73	53	56.03	53.59	51.16	48.72
56730	.3970	X	10.084	4-1/2"	2-7/8"	2.104"	57.68	55.18	52.67	50.16
56735	.4040	Y	10.262	4-1/2"	2-7/8"	2.141"	58.14	55.62	53.09	50.56
56740	.4062	13/32"	10.317	4-1/2"	2-7/8"	2.153"	60.24	57.62	55.00	52.38
56745	.4130	Z	10.490	4-1/2"	2-7/8"	2.189"	60.88	58.23	55.59	52.94
56750	.4134		10.500	114	73	56	60.88	58.23	55.59	52.94
56755	.4219	27/64"	10.716	4-1/2"	2-7/8"	2.236"	61.56	58.88	56.21	53.53
56760	.4331		11.000	114	73	58	66.85	63.94	61.04	58.13
56765	.4375	7/16"	11.113	4-1/2"	2-7/8"	2.319"	66.85	63.94	61.04	58.13
56770	.4528		11.500	120	76	61	72.52	69.37	66.21	63.06
56775	.4531	29/64"	11.509	4-3/4"	3"	2.402"	72.52	69.37	66.21	63.06
56780	.4688	15/32"	11.908	4-3/4"	3"	2.485"	76.71	73.37	70.04	66.70
56785	.4724		12.000	120	76	64	76.95	73.60	70.26	66.91
56790	.4844	31/64"	12.304	4-3/4"	3"	2.568"	76.95	73.60	70.26	66.91
56795	.4921		12.500	120	76	2.608"	79.01	75.57	72.14	68.70
56800	.5000	1/2"	12.700	4-3/4"	3"	2.650"	79.01	75.57	72.14	68.70



Drill Manufacturing