Series 1100

.1094" - .2040"
(2.779mm - 5.182mm)

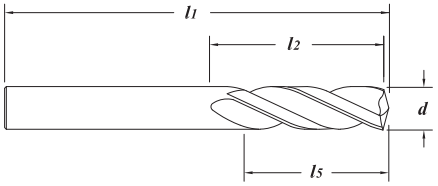
Z=3 | 25° | 150° | 5xD | TECH PAGES 320-323

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)

Recommended for cast iron, tungsten, and materials with high silicon content

- Solid submicron grain carbide drill
- Self-centering drill point
- Near reamer finishes
- Can be used as a core drill
- Tighter tolerance holes
- Improved roundness and straightness
- Live tooling recommended on lathe processes
- Durana Coating - page 81



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
90275	.1094	7/64"	2.779	2-1/4"	1-1/4"	.562"	13.80	13.20	12.60	12.00
90280	.1100	#35	2.794	2-1/4"	1-1/4"	.565"	13.95	13.34	12.74	12.13
90285	.1110	#34	2.819	2-1/4"	1-1/4"	.570"	14.12	13.51	12.89	12.28
90290	.1130	#33	2.870	2-1/4"	1-1/4"	.580"	14.35	13.73	13.10	12.48
90295	.1160	#32	2.946	2-1/4"	1-1/4"	.596"	14.55	13.92	13.28	12.65
90300	.1181		3.000	57	32	15	14.65	14.01	13.38	12.74
90305	.1200	#31	3.048	2-1/4"	1-1/4"	.616"	14.75	14.11	13.47	12.83
90310	.1250	1/8"	3.175	2-1/4"	1-1/4"	.642"	14.96	14.31	13.66	13.01
90315	.1285	#30	3.264	2-1/4"	1-1/4"	.660"	15.32	14.65	13.99	13.32
90320	.1360	#29	3.454	2-1/2"	1-3/8"	.698"	15.80	15.11	14.43	13.74
90325	.1378		3.500	63	35	18	16.31	15.60	14.89	14.18
90330	.1405	#28	3.569	2-1/2"	1-3/8"	.721"	16.49	15.77	15.06	14.34
90335	.1406	9/64"	3.571	2-1/2"	1-3/8"	.722"	16.68	15.95	15.23	14.50
90340	.1440	#27	3.658	2-1/2"	1-3/8"	.739"	17.34	16.59	15.83	15.08
90345	.1470	#26	3.734	2-1/2"	1-3/8"	.755"	17.58	16.82	16.05	15.29
90350	.1495	#25	3.797	2-1/2"	1-3/8"	.768"	17.73	16.96	16.19	15.42
90355	.1520	#24	3.861	2-1/2"	1-3/8"	.780"	17.77	17.00	16.22	15.45
90365	.1562	5/32"	3.967	2-1/2"	1-3/8"	.802"	18.01	17.23	16.44	15.66
90375	.1575		4.000	63	35	21	19.15	18.32	17.48	16.65
90380	.1590	#21	4.039	2-1/2"	1-3/8"	.816"	19.61	18.76	17.90	17.05
90385	.1610	#20	4.089	2-1/2"	1-3/8"	.827"	19.61	18.76	17.90	17.05
90390	.1660	#19	4.216	2-3/4"	1-5/8"	.852"	19.77	18.91	18.05	17.19
90395	.1695	#18	4.305	2-3/4"	1-5/8"	.870"	19.90	19.03	18.17	17.30
90400	.1719	11/64"	4.366	2-3/4"	1-5/8"	.883"	20.02	19.15	18.28	17.41
90420	.1800	#15	4.572	2-3/4"	1-5/8"	.924"	21.37	20.44	19.51	18.58
90425	.1820	#14	4.623	2-3/4"	1-5/8"	.934"	21.85	20.90	19.95	19.00
90435	.1875	3/16"	4.763	2-3/4"	1-5/8"	.963"	21.99	21.03	20.08	19.12
90440	.1890	#12	4.801	2-3/4"	1-5/8"	.970"	22.14	21.18	20.21	19.25
90455	.1960	#9	4.978	3"	1-3/4"	1.006"	24.01	22.97	21.92	20.88
90460	.1969		5.000	76	44	26	24.16	23.11	22.06	21.01
90470	.2010	#7	5.105	3"	1-3/4"	1.032"	25.07	23.98	22.89	21.80
90475	.2031	13/64"	5.159	3"	1-3/4"	1.043"	26.01	24.88	23.75	22.62
90480	.2040	#6	5.182	3"	1-3/4"	1.047"	26.17	25.04	23.90	22.76

† *Metric equivalents are for reference only*

EDP#	*d* † Diameter Decimal	Diameter	Metric	*l1* Overall Length	*l2* Flute Length	*l5* Max Drill Depth	1-11	12-24	25-49	50-100
90485	.2055	#5	5.220	3"	1-3/4"	1.055"	26.29	25.15	24.00	22.86
90500	.2165		5.500	76	44	28	27.42	26.22	25.03	23.84
90505	.2188	7/32"	5.558	3"	1-3/4"	1.123"	27.63	26.43	25.23	24.03
90510	.2210	#2	5.613	3"	1-3/4"	1.135"	28.31	27.08	25.85	24.62
90515	.2280	#1	5.791	3"	1-3/4"	1.171"	28.45	27.21	25.98	24.74
90525	.2344	15/64"	5.954	3-1/4"	2"	1.203"	28.89	27.63	26.38	25.12
90530	.2362		6.000	82	50	31	28.97	27.71	26.45	25.19
90550	.2500	1/4" / E	6.350	3-1/4"	2"	1.283"	29.70	28.41	27.12	25.83
90555	.2559		6.500	82	50	33	30.44	29.12	27.79	26.47
90560	.2570	F	6.528	3-1/4"	2"	1.319"	31.08	29.73	28.38	27.03
90565	.2610	G	6.629	3-1/2"	2-1/8"	1.340"	32.69	31.27	29.85	28.43
90570	.2656	17/64"	6.746	3-1/2"	2-1/8"	1.364"	33.35	31.90	30.45	29.00
90575	.2660	H	6.756	3-1/2"	2-1/8"	1.366"	34.30	32.81	31.32	29.83
90580	.2720	I	6.909	3-1/2"	2-1/8"	1.396"	34.72	33.21	31.70	30.19
90585	.2756		7.000	88	54	36	34.97	33.45	31.93	30.41
90600	.2812	9/32"	7.142	3-1/2"	2-1/8"	1.444"	36.87	35.27	33.66	32.06
90605	.2900	L	7.366	3-1/2"	2-1/8"	1.489"	38.24	36.58	34.91	33.25
90620	.2969	19/64"	7.541	3-3/4"	2-3/8"	1.524"	40.61	38.84	37.08	35.31
90625	.3020	N	7.671	3-3/4"	2-3/8"	1.550"	40.91	39.13	37.35	35.57
90630	.3125	5/16"	7.938	3-3/4"	2-3/8"	1.604"	40.95	39.17	37.39	35.61
90635	.3150		8.000	95	60	41	43.94	42.03	40.12	38.21
90640	.3160	O	8.026	3-3/4"	2-3/8"	1.622"	43.94	42.03	40.12	38.21
90650	.3281	21/64"	8.334	4"	2-1/2"	1.684"	45.97	43.97	41.97	39.97
90655	.3320	Q	8.433	4"	2-1/2"	1.704"	47.05	45.00	42.96	40.91
90660	.3346		8.500	101	63	44	47.47	45.41	43.34	41.28
90665	.3390	R	8.611	4"	2-1/2"	1.740"	48.94	46.82	44.69	42.56
90670	.3438	11/32"	8.733	4"	2-1/2"	1.765"	50.99	48.77	46.56	44.34
90680	.3543		9.000	101	63	46	53.03	50.72	48.42	46.11
90690	.3594	23/64"	9.129	4-1/4"	2-3/4"	1.845"	53.90	51.56	49.21	46.87
90705	.3750	3/8"	9.525	4-1/4"	2-3/4"	1.925"	58.54	55.99	53.45	50.90
90725	.3937		10.000	114	73	51	68.05	65.09	62.13	59.17
90745	.4130	Z	10.490	4-1/2"	2-7/8"	2.120"	73.91	70.70	67.48	64.27
90755	.4219	27/64"	10.716	4-1/2"	2-7/8"	2.166"	74.75	71.50	68.25	65.00
90760	.4331		11.000	114	73	56	81.16	77.63	74.10	70.57
90765	.4375	7/16"	11.113	4-1/2"	2-7/8"	2.246"	81.16	77.63	74.10	70.57
90775	.4531	29/64"	11.509	4-3/4"	3"	2.326"	88.08	84.25	80.42	76.59
90780	.4688	15/32"	11.908	4-3/4"	3"	2.407"	93.17	89.12	85.07	81.02
90790	.4844	31/64"	12.304	4-3/4"	3"	2.487"	93.46	89.40	85.33	81.27
90800	.5000	1/2"	12.700	4-3/4"	3"	2.567"	95.92	91.75	87.58	83.41