Series 1100

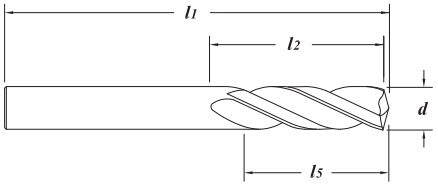
.1094" - .2040"
(2.779mm - 5.182mm)

TECH PAGES 328-331

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 83



EDP#	*d* † Diameter Decimal	Diameter	Metric	l_1 Overall Length	l_2 Flute Length	l_5 Max Drill Depth
90275	.1094	7/64"	2.779	2-1/4"	1-1/4"	.562"
90280	.1100	#35	2.794	2-1/4"	1-1/4"	.565"
90285	.1110	#34	2.819	2-1/4"	1-1/4"	.570"
90290	.1130	#33	2.870	2-1/4"	1-1/4"	.580"
90295	.1160	#32	2.946	2-1/4"	1-1/4"	.596"
90300	.1181		3.000	57	32	15
90305	.1200	#31	3.048	2-1/4"	1-1/4"	.616"
90310	.1250	1/8"	3.175	2-1/4"	1-1/4"	.642"
90315	.1285	#30	3.264	2-1/4"	1-1/4"	.660"
90320	.1360	#29	3.454	2-1/2"	1-3/8"	.698"
90325	.1378		3.500	63	35	18
90330	.1405	#28	3.569	2-1/2"	1-3/8"	.721"
90335	.1406	9/64"	3.571	2-1/2"	1-3/8"	.722"
90340	.1440	#27	3.658	2-1/2"	1-3/8"	.739"
90345	.1470	#26	3.734	2-1/2"	1-3/8"	.755"
90350	.1495	#25	3.797	2-1/2"	1-3/8"	.768"
90355	.1520	#24	3.861	2-1/2"	1-3/8"	.780"
90365	.1562	5/32"	3.967	2-1/2"	1-3/8"	.802"
90375	.1575		4.000	63	35	21
90380	.1590	#21	4.039	2-1/2"	1-3/8"	.816"
90385	.1610	#20	4.089	2-1/2"	1-3/8"	.827"
90390	.1660	#19	4.216	2-3/4"	1-5/8"	.852"
90395	.1695	#18	4.305	2-3/4"	1-5/8"	.870"
90400	.1719	11/64"	4.366	2-3/4"	1-5/8"	.883"
90420	.1800	#15	4.572	2-3/4"	1-5/8"	.924"
90425	.1820	#14	4.623	2-3/4"	1-5/8"	.934"
90435	.1875	3/16"	4.763	2-3/4"	1-5/8"	.963"
90440	.1890	#12	4.801	2-3/4"	1-5/8"	.970"
90455	.1960	#9	4.978	3"	1-3/4"	1.006"
90460	.1969		5.000	76	44	26
90470	.2010	#7	5.105	3"	1-3/4"	1.032"
90475	.2031	13/64"	5.159	3"	1-3/4"	1.043"
90480	.2040	#6	5.182	3"	1-3/4"	1.047"

† *Metric equivalents are for reference only*

EDP#	*d* † Diameter			*l1* Overall Length	*l2* Flute Length	*l5* Max Drill Depth
	Decimal		Metric			
90485	.2055	#5	5.220	3"	1-3/4"	1.055"
90500	.2165		5.500	76	44	28
90505	.2188	7/32"	5.558	3"	1-3/4"	1.123"
90510	.2210	#2	5.613	3"	1-3/4"	1.135"
90515	.2280	#1	5.791	3"	1-3/4"	1.171"
90525	.2344	15/64"	5.954	3-1/4"	2"	1.203"
90530	.2362		6.000	82	50	31
90550	.2500	1/4" / E	6.350	3-1/4"	2"	1.283"
90555	.2559		6.500	82	50	33
90560	.2570	F	6.528	3-1/4"	2"	1.319"
90565	.2610	G	6.629	3-1/2"	2-1/8"	1.340"
90570	.2656	17/64"	6.746	3-1/2"	2-1/8"	1.364"
90575	.2660	H	6.756	3-1/2"	2-1/8"	1.366"
90580	.2720	I	6.909	3-1/2"	2-1/8"	1.396"
90585	.2756		7.000	88	54	36
90600	.2812	9/32"	7.142	3-1/2"	2-1/8"	1.444"
90605	.2900	L	7.366	3-1/2"	2-1/8"	1.489"
90620	.2969	19/64"	7.541	3-3/4"	2-3/8"	1.524"
90625	.3020	N	7.671	3-3/4"	2-3/8"	1.550"
90630	.3125	5/16"	7.938	3-3/4"	2-3/8"	1.604"
90635	.3150		8.000	95	60	41
90640	.3160	O	8.026	3-3/4"	2-3/8"	1.622"
90650	.3281	21/64"	8.334	4"	2-1/2"	1.684"
90655	.3320	Q	8.433	4"	2-1/2"	1.704"
90660	.3346		8.500	101	63	44
90665	.3390	R	8.611	4"	2-1/2"	1.740"
90670	.3438	11/32"	8.733	4"	2-1/2"	1.765"
90680	.3543		9.000	101	63	46
90690	.3594	23/64"	9.129	4-1/4"	2-3/4"	1.845"
90705	.3750	3/8"	9.525	4-1/4"	2-3/4"	1.925"
90725	.3937		10.000	114	73	51
90745	.4130	Z	10.490	4-1/2"	2-7/8"	2.120"
90755	.4219	27/64"	10.716	4-1/2"	2-7/8"	2.166"
90760	.4331		11.000	114	73	56
90765	.4375	7/16"	11.113	4-1/2"	2-7/8"	2.246"
90775	.4531	29/64"	11.509	4-3/4"	3"	2.326"
90780	.4688	15/32"	11.908	4-3/4"	3"	2.407"
90790	.4844	31/64"	12.304	4-3/4"	3"	2.487"
90800	.5000	1/2"	12.700	4-3/4"	3"	2.567"