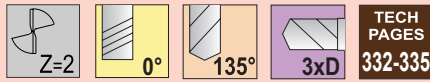


TOLERANCES

<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 1500H

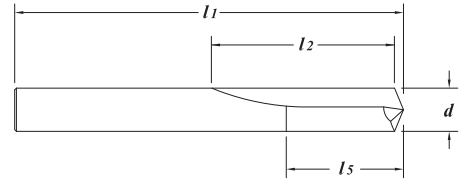
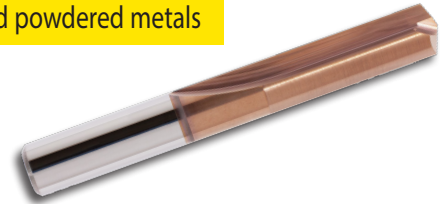
.0625" - .1660"
(1.588mm - 4.216mm)

Recommended for high nickel, cobalt-based, and powdered metals

Hard Metal

BALINIT® Durana Coating

- Solid submicron grain carbide drill
- Straight flute design provides excellent rigidity
- Materials 40 Rc and higher
- Excellent heat resistance and lubricity
- Live tooling recommended on lathe processes
- Bright Finish - page 61



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					
59166	.0625	1/16"	1.588	1-3/4"	5/8"	.200"	12.08
59181	.0700	#50	1.778	1-3/4"	3/4"	.224"	12.08
59186	.0730	#49	1.854	1-3/4"	3/4"	.234"	12.08
59191	.0760	#48	1.930	1-3/4"	3/4"	.244"	12.08
59196	.0781	5/64"	1.984	1-3/4"	3/4"	.250"	12.08
59201	.0785	#47	1.994	1-3/4"	7/8"	.252"	12.08
39001	.0787		2.000	50	22	6	12.08
59211	.0810	#46	2.057	2"	7/8"	.260"	12.08
59216	.0820	#45	2.083	2"	7/8"	.263"	12.08
59221	.0860	#44	2.184	2"	7/8"	.276"	12.08
59226	.0890	#43	2.261	2"	7/8"	.285"	12.08
59231	.0935	#42	2.375	2"	7/8"	.300"	12.08
59236	.0938	3/32"	2.383	2"	7/8"	.301"	12.08
59241	.0960	#41	2.438	2"	7/8"	.308"	13.43
59246	.0980	#40	2.489	2"	7/8"	.314"	13.43
39051	.0984		2.500	50	22	8	13.43
59256	.0995	#39	2.527	2"	7/8"	.319"	13.43
59261	.1015	#38	2.578	2"	7/8"	.326"	13.43
59266	.1040	#37	2.642	2"	7/8"	.334"	13.43
59271	.1065	#36	2.705	2"	7/8"	.342"	13.43
59276	.1094	7/64"	2.779	2"	1"	.351"	13.43
59281	.1100	#35	2.794	2"	1"	.353"	13.93
59286	.1110	#34	2.819	2"	1"	.356"	13.93
59291	.1130	#33	2.870	2"	1"	.362"	13.93
59296	.1160	#32	2.946	2"	1"	.372"	13.93
39101	.1181		3.000	50	25	10	13.93
59306	.1200	#31	3.048	2"	1"	.385"	13.93
59311	.1250	1/8"	3.175	2"	1"	.401"	12.98
59316	.1285	#30	3.264	2"	1"	.412"	14.95
59321	.1360	#29	3.454	2"	1"	.436"	14.95
39151	.1378		3.500	50	25	11	14.95
59331	.1405	#28	3.569	2"	1"	.451"	14.95
59336	.1406	9/64"	3.571	2"	1"	.451"	14.95
59341	.1440	#27	3.658	2"	1"	.462"	15.29
59346	.1470	#26	3.734	2"	1"	.471"	15.99
59351	.1495	#25	3.797	2"	1"	.479"	15.99
59356	.1520	#24	3.861	2"	1"	.487"	15.99
59361	.1540	#23	3.912	2"	1"	.494"	15.99
59366	.1562	5/32"	3.967	2-1/2"	1-1/8"	.501"	15.99
59371	.1570	#22	3.988	2-1/2"	1-1/8"	.504"	17.13
39201	.1575		4.000	63	28	13	17.13
59381	.1590	#21	4.039	2-1/2"	1-1/8"	.510"	17.51
59386	.1610	#20	4.089	2-1/2"	1-1/8"	.516"	17.51
59391	.1660	#19	4.216	2-1/2"	1-1/8"	.532"	18.08

continued →

Series 1500H (continued)

.1695" - .5000"
(4.305mm - 12.700mm)

EDP#	d^{\dagger} Diameter		l_1 Overall Length	l_2 Flute Length	l_5 Max Drill Depth	LIST PRICE	
	Decimal	Metric					
59396	.1695	#18	4.305	2-1/2"	1-3/16"	.544"	18.08
59401	.1719	11/64"	4.366	2-1/2"	1-3/16"	.551"	18.08
59406	.1730	#17	4.394	2-1/2"	1-3/16"	.555"	18.43
59411	.1770	#16	4.496	2-1/2"	1-3/16"	.568"	18.43
39251	.1772		4.500	63	28	14	18.43
59421	.1800	#15	4.572	2-1/2"	1-3/16"	.577"	18.43
59426	.1820	#14	4.623	2-1/2"	1-3/16"	.584"	19.33
59431	.1850	#13	4.700	2-1/2"	1-3/16"	.593"	19.33
59436	.1875	3/16"	4.763	2-1/2"	1-3/16"	.601"	18.65
59441	.1890	#12	4.801	2-1/2"	1-3/16"	.606"	20.64
59446	.1910	#11	4.851	2-1/2"	1-3/16"	.613"	20.64
59451	.1935	#10	4.915	2-1/2"	1-1/4"	.621"	21.69
59456	.1960	#9	4.978	2-1/2"	1-1/4"	.629"	21.69
39301	.1969		5.000	63	32	16	21.69
59466	.1990	#8	5.055	2-1/2"	1-1/4"	.638"	22.28
59471	.2010	#7	5.105	2-1/2"	1-1/4"	.645"	22.28
59476	.2031	13/64"	5.159	2-1/2"	1-1/4"	.651"	22.28
59481	.2040	#6	5.182	2-1/2"	1-1/4"	.654"	23.33
59486	.2055	#5	5.220	2-1/2"	1-1/4"	.659"	23.33
59491	.2090	#4	5.309	2-1/2"	1-1/4"	.670"	23.33
59496	.2130	#3	5.410	2-1/2"	1-1/4"	.683"	23.33
39351	.2165		5.500	63	32	18	23.33
59506	.2188	7/32"	5.558	2-1/2"	1-1/2"	.702"	23.33
59511	.2210	#2	5.613	2-1/2"	1-1/2"	.709"	24.72
59516	.2280	#1	5.791	2-1/2"	1-1/2"	.731"	24.72
59526	.2344	15/64"	5.954	2-1/2"	1-1/2"	.752"	27.13
39401	.2362		6.000	63	38	19	27.13
59551	.2500	1/4"	6.350	2-1/2"	1-1/2"	.802"	25.75
39451	.2559		6.500	63	38	21	33.16
59571	.2656	17/64"	6.746	2-1/2"	1-1/2"	.852"	33.16
39501	.2756		7.000	63	38	22	33.83
59601	.2812	9/32"	7.142	2-1/2"	1-1/2"	.902"	33.83
39521	.2953		7.500	63	41	24	35.24
59621	.2969	19/64"	7.541	2-1/2"	1-5/8"	.952"	35.24
59631	.3125	5/16"	7.938	2-1/2"	1-5/8"	1.002"	35.24
39541	.3150		8.000	63	41	26	36.77
59651	.3281	21/64"	8.334	3"	1-5/8"	1.052"	37.66
39561	.3346		8.500	76	41	27	41.37
59671	.3438	11/32"	8.733	3"	1-5/8"	1.103"	41.37
39581	.3543		9.000	76	41	29	44.77
59691	.3594	23/64"	9.129	3"	1-3/4"	1.153"	44.77
39601	.3740		9.500	76	41	30	48.25
59706	.3750	3/8"	9.525	3"	1-3/4"	1.203"	48.25
59721	.3906	25/64"	9.921	3"	1-3/4"	1.253"	54.21
39621	.3937		10.000	76	44	32	54.21
59741	.4062	13/32"	10.317	3"	1-3/4"	1.303"	59.76
59756	.4219	27/64"	10.716	3"	1-3/4"	1.353"	65.13
39661	.4331		11.000	76	44	35	66.14
59766	.4375	7/16"	11.113	3"	1-3/4"	1.403"	66.14
39681	.4528		11.500	76	44	37	67.85
59776	.4531	29/64"	11.509	3"	1-3/4"	1.453"	69.02
59781	.4688	15/32"	11.908	3"	1-3/4"	1.503"	69.02
39701	.4724		12.000	76	44	38	69.02
59791	.4844	31/64"	12.304	3"	1-3/4"	1.554"	69.02
39721	.4921		12.500	76	44	40	70.39
59801	.5000	1/2"	12.700	3"	1-3/4"	1.604"	70.39