

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)



TECH PAGES
340-341

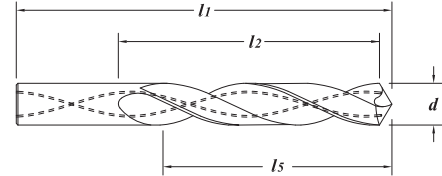
Series 1580KH, 1280KH, 1880KH

.1181" - .1540"
(3.000mm - 3.912mm)

Recommended for high nickel, high temperature alloys, cobalt-based alloys, stainless steels, and tool steels >40 Rc

BALIQ® ALTINOS Coating (AlTiN-based)

- High performance - high penetration solid submicron grain carbide drill
- Coolant through capabilities for high pressure coolant systems
- Extended tool life and greater surface finish through faster SFM rates
- Up to 70% faster than standard carbide drills
- 30° helix for better chip evacuation
- Honed cutting edge
- Live tooling recommended on lathe processes



3xD (1580KH) EDP#	5xD (1280KH) EDP#	7xD (1880KH) 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				
22010			.1181	3.000	46	16	10	39.98
	25366		.1181	3.000	50	19	16	44.22
		26366	.1181	3.000	65	28	22	49.34
22015			.1200	#31 3.048	1-13/16"	5/8"	.382"	40.41
	25371		.1200	#31 3.048	2"	3/4"	.622"	44.57
		26371	.1200	#31 3.048	2-1/2"	1-1/8"	.862"	49.76
22020			.1250	1/8" 3.175	1-15/16"	11/16"	.398"	40.74
	25376		.1250	1/8" 3.175	2"	3/4"	.648"	44.94
		26376	.1250	1/8" 3.175	2-1/2"	1-1/8"	.898"	50.15
22025			.1285	#30 3.264	1-15/16"	11/16"	.409"	41.11
	25381		.1285	#30 3.264	2-1/4"	3/4"	.666"	45.33
		26381	.1285	#30 3.264	2-1/2"	1-1/8"	.923"	50.61
22030			.1360	#29 3.454	2-1/16"	3/4"	.433"	41.50
	25386		.1360	#29 3.454	2-1/4"	7/8"	.705"	45.67
		26386	.1360	#29 3.454	3"	1-1/4"	.977"	50.97
22035			.1378	3.500	52	19	11	41.92
	25391		.1378	3.500	57	22	18	46.02
		26391	.1378	3.500	75	32	25	51.37
22040			.1405	#28 3.569	2-1/16"	3/4"	.447"	42.30
	25396		.1405	#28 3.569	2-1/4"	7/8"	.728"	46.40
		26396	.1405	#28 3.569	3"	1-1/4"	1.009"	51.79
22045			.1406	9/64" 3.571	2-1/16"	3/4"	.447"	42.67
	25401		.1406	9/64" 3.571	2-1/4"	7/8"	.729"	46.80
		26401	.1406	9/64" 3.571	3"	1-1/4"	1.010"	52.22
22050			.1440	#27 3.658	2-1/16"	3/4"	.458"	43.06
	25406		.1440	#27 3.658	2-1/4"	7/8"	.746"	47.11
		26406	.1440	#27 3.658	3"	1-3/8"	1.034"	52.58
22055			.1470	#26 3.734	2-3/16"	13/16"	.468"	43.38
	25411		.1470	#26 3.734	2-1/4"	7/8"	.762"	47.51
		26411	.1470	#26 3.734	3"	1-3/8"	1.056"	53.02
22060			.1495	#25 3.797	2-3/16"	13/16"	.476"	43.83
	25416		.1495	#25 3.797	2-1/4"	15/16"	.775"	47.87
		26416	.1495	#25 3.797	3"	1-3/8"	1.074"	53.43
22065			.1520	#24 3.861	2-3/16"	13/16"	.484"	44.19
	25421		.1520	#24 3.861	2-1/4"	15/16"	.788"	48.21
		26421	.1520	#24 3.861	3"	1-1/2"	1.092"	53.80
22070			.1540	#23 3.912	2-3/16"	13/16"	.490"	44.57
	25426		.1540	#23 3.912	2-1/4"	15/16"	.798"	48.61
		26426	.1540	#23 3.912	3"	1-1/2"	1.106"	54.25

continued →

Series 1580KH, 1280KH, 1880KH (continued)

.1562" - .1935"
(3.967mm - 4.915mm)

3xD (1580KH) EDP#	5xD (1280KH) EDP#	7xD (1880KH) EDP#	$d \dagger$ Diameter		l_1 Overall Length	l_2 Flute Length	l_5 Max Drill Depth	LIST PRICE	
			Decimal	Metric					
22075	25431		.1562	5/32"	3.967	2-3/16"	13/16"	.497"	44.93
			.1562	5/32"	3.967	2-1/2"	15/16"	.809"	48.96
	26431	.1562	5/32"	3.967	3"	1-1/2"	1.122"	54.64	
22080	25436		.1570	#22	3.988	2-3/16"	13/16"	.500"	45.33
			.1570	#22	3.988	2-1/2"	15/16"	.814"	49.30
	26436	.1570	#22	3.988	3"	1-1/2"	1.128"	55.02	
22085	25441		.1575		4.000	56	21	13	45.69
			.1575		4.000	65	24	21	49.69
	26441	.1575		4.000	75	38	29	55.45	
22090	25446		.1590	#21	4.039	2-3/16"	13/16"	.506"	46.12
			.1590	#21	4.039	2-1/2"	15/16"	.824"	50.03
	26446	.1590	#21	4.039	3"	1-1/2"	1.142"	55.81	
22095	25451		.1610	#20	4.089	2-3/16"	13/16"	.512"	46.49
			.1610	#20	4.089	2-1/2"	15/16"	.834"	50.41
	26451	.1610	#20	4.089	3"	1-1/2"	1.156"	56.24	
22100	25456		.1660	#19	4.216	2-9/32"	15/16"	.528"	46.89
			.1660	#19	4.216	2-1/2"	1"	.860"	50.79
	26456	.1660	#19	4.216	3"	1-1/2"	1.192"	56.68	
22105	25461		.1695	#18	4.305	2-9/32"	15/16"	.539"	47.27
			.1695	#18	4.305	2-1/2"	1"	.878"	51.16
	26461	.1695	#18	4.305	3-1/2"	1-3/4"	1.217"	57.06	
22110	25466		.1719	11/64"	4.366	2-9/32"	15/16"	.547"	47.65
			.1719	11/64"	4.366	2-1/2"	1"	.891"	51.51
	26466	.1719	11/64"	4.366	3-1/2"	1-3/4"	1.235"	57.46	
22115	25471		.1730	#17	4.394	2-9/32"	15/16"	.551"	48.05
			.1730	#17	4.394	2-1/2"	1"	.897"	51.85
	26471	.1730	#17	4.394	3-1/2"	1-3/4"	1.243"	57.85	
22120	25476		.1770	#16	4.496	2-9/32"	15/16"	.563"	48.37
			.1770	#16	4.496	2-1/2"	1"	.913"	52.23
	26476	.1770	#16	4.496	3-1/2"	1-3/4"	1.271"	58.30	
22125	25481		.1772		4.500	58	24	14	48.80
			.1772		4.500	65	25	23	52.63
	26481	.1772		4.500	88	45	32	58.72	
22130	25486		.1800	#15	4.572	2-9/32"	15/16"	.573"	49.10
			.1800	#15	4.572	2-3/4"	1"	.917"	52.97
	26486	.1800	#15	4.572	3-1/2"	1-3/4"	1.293"	59.10	
22135	25491		.1820	#14	4.623	2-9/32"	15/16"	.579"	49.58
			.1820	#14	4.623	2-3/4"	1"	.933"	53.31
	26491	.1820	#14	4.623	3-1/2"	1-3/4"	1.307"	59.48	
22140	25496		.1850	#13	4.699	2-9/32"	15/16"	.589"	49.93
			.1850	#13	4.699	2-3/4"	1-1/4"	.959"	53.69
	26496	.1850	#13	4.699	3-1/2"	1-3/4"	1.329"	59.91	
22145	25501		.1875	3/16"	4.763	2-13/32"	1"	.597"	50.34
			.1875	3/16"	4.763	2-3/4"	1-1/4"	.972"	54.09
	26501	.1875	3/16"	4.763	4"	2"	1.347"	60.36	
22150	25506		.1890	#12	4.801	2-13/32"	1"	.601"	50.70
			.1890	#12	4.801	2-3/4"	1-1/4"	.979"	54.42
	26506	.1890	#12	4.801	4"	2"	1.357"	60.72	
22155	25511		.1910	#11	4.851	2-13/32"	1"	.608"	51.16
			.1910	#11	4.851	2-3/4"	1-1/4"	.990"	54.77
	26511	.1910	#11	4.851	4"	2"	1.372"	61.13	
22160	25516		.1935	#10	4.915	2-13/32"	1"	.616"	51.46
			.1935	#10	4.915	2-3/4"	1-1/4"	1.003"	55.19
	26516	.1935	#10	4.915	4"	2"	1.390"	61.55	

Series 1580KH, 1280KH, 1880KH (continued)

.1960" - .2420"
(4.978mm - 6.147mm)

HIGH PERFORMANCE
DRILLS

3xD (1580KH) EDP#	5xD (1280KH) EDP#	7xD (1880KH) EDP#	$d \dagger$ Diameter		l_1 Overall Length	l_2 Flute Length	l_5 Max Drill Depth	LIST PRICE	
			Decimal	Metric					
22165			.1960	#9	4.978	2-13/32"	1"	.624"	51.84
	25521		.1960	#9	4.978	3"	1-5/16"	1.016"	55.50
		26521	.1960	#9	4.978	4"	2"	1.408"	61.91
22170			.1969		5.000	61	25	16	52.13
	25526		.1969		5.000	75	33	26	55.88
		26526	.1969		5.000	100	50	36	62.35
22175			.1990	#8	5.055	2-13/32"	1"	.633"	52.61
	25531		.1990	#8	5.055	3"	1-5/16"	1.031"	56.17
		26531	.1990	#8	5.055	4"	2"	1.429"	62.66
22180			.2010	#7	5.105	2-13/32"	1"	.640"	52.77
	25536		.2010	#7	5.105	3"	1-5/16"	1.042"	56.42
		26536	.2010	#7	5.105	4"	2"	1.444"	62.95
22185			.2031	13/64"	5.159	2-13/32"	1"	.646"	53.12
	25541		.2031	13/64"	5.159	3"	1-5/16"	1.053"	56.83
		26541	.2031	13/64"	5.159	4"	2"	1.459"	63.42
22190			.2040	#6	5.182	2-13/32"	1"	.649"	53.49
	25546		.2040	#6	5.182	3"	1-3/8"	1.057"	57.26
		26546	.2040	#6	5.182	4"	2"	1.465"	63.87
22195			.2055	#5	5.220	2-13/32"	1"	.654"	53.86
	25551		.2055	#5	5.220	3"	1-3/8"	1.065"	57.63
		26551	.2055	#5	5.220	4"	2"	1.476"	64.31
22200			.2090	#4	5.309	2-13/32"	1"	.665"	54.21
	25556		.2090	#4	5.309	3"	1-3/8"	1.083"	58.03
		26556	.2090	#4	5.309	4"	2"	1.501"	64.74
22205			.2130	#3	5.410	2-5/8"	1-3/32"	.678"	54.57
	25561		.2130	#3	5.410	3"	1-3/8"	1.104"	58.40
		26561	.2130	#3	5.410	4"	2"	1.530"	65.17
22210			.2165		5.500	67	28	18	54.91
	25566		.2165		5.500	75	35	29	58.76
		26566	.2165		5.500	100	50	40	65.56
22215			.2188	7/32"	5.558	2-5/8"	1-3/32"	.696"	55.37
	25571		.2188	7/32"	5.558	3"	1-3/8"	1.134"	58.89
		26571	.2188	7/32"	5.558	4"	2"	1.571"	65.96
22220			.2210	#2	5.613	2-5/8"	1-3/32"	.703"	55.76
	25576		.2210	#2	5.613	3"	1-3/8"	1.145"	59.90
		26576	.2210	#2	5.613	4"	2"	1.587"	66.99
22225			.2280	#1	5.791	2-5/8"	1-3/32"	.726"	56.18
	25581		.2280	#1	5.791	3"	1-3/8"	1.182"	60.11
		26581	.2280	#1	5.791	4-1/8"	2-1/8"	1.638"	76.76
22230			.2340	A	5.944	2-5/8"	1-3/32"	.745"	56.58
	25586		.2340	A	5.944	3-1/4"	1-1/2"	1.213"	67.46
		26586	.2340	A	5.944	4-1/8"	2-1/8"	1.681"	81.04
22235			.2344	15/64"	5.954	2-5/8"	1-3/32"	.746"	57.00
	25591		.2344	15/64"	5.954	3-1/4"	1-1/2"	1.215"	67.58
		26591	.2344	15/64"	5.954	4-1/8"	2-1/8"	1.684"	81.16
22240			.2362		6.000	67	28	19	57.41
	25596		.2362		6.000	80	38	31	67.77
		26596	.2362		6.000	105	55	43	81.35
22245			.2380	B	6.045	2-3/4"	1-7/32"	.757"	60.64
	25601		.2380	B	6.045	3-1/4"	1-5/8"	1.233"	69.91
		26601	.2380	B	6.045	4-1/8"	2-1/8"	1.709"	84.42
22250			.2420	C	6.147	2-3/4"	1-7/32"	.770"	61.14
	25606		.2420	C	6.147	3-1/4"	1-5/8"	1.254"	70.24
		26606	.2420	C	6.147	4-1/4"	2-1/4"	1.738"	84.75

continued →

Series 1580KH, 1280KH, 1880KH (continued)

.2460" - .3125"
(6.248mm - 7.938mm)

3xD (1580KH) EDP#	5xD (1280KH) EDP#	7xD (1880KH) EDP#	$d \dagger$ Diameter		l_1 Overall Length	l_2 Flute Length	l_5 Max Drill Depth	LIST PRICE	
			Decimal	Metric					
22255			.2460	D	6.248	2-3/4"	1-7/32"	.783"	61.48
	25611		.2460	D	6.248	3-1/4"	1-5/8"	1.275"	70.54
		26611	.2460	D	6.248	4-1/4"	2-1/4"	1.767"	85.06
22260			.2500	1/4" / E	6.350	2-3/4"	1-7/32"	.796"	61.99
	25616		.2500	1/4" / E	6.350	3-1/4"	1-5/8"	1.296"	70.85
		26616	.2500	1/4" / E	6.350	4-1/4"	2-1/4"	1.796"	85.37
22265			.2559		6.500	70	31	21	63.00
	25621		.2559		6.500	80	41	34	71.72
		26621	.2559		6.500	105	58	47	86.26
22270			.2570	F	6.528	2-3/4"	1-7/32"	.818"	63.97
	25626		.2570	F	6.528	3-1/4"	1-11/16"	1.332"	73.38
		26626	.2570	F	6.528	4-3/8"	2-3/8"	1.846"	89.58
22275			.2610	G	6.629	2-3/4"	1-7/32"	.831"	64.94
	25631		.2610	G	6.629	3-1/2"	1-11/16"	1.353"	74.28
		26631	.2610	G	6.629	4-3/8"	2-3/8"	1.875"	90.50
22280			.2656	17/64"	6.746	2-15/16"	1-11/32"	.845"	65.95
	25636		.2656	17/64"	6.746	3-1/2"	1-11/16"	1.376"	75.14
		26636	.2656	17/64"	6.746	4-3/8"	2-3/8"	1.908"	91.37
22285			.2660	H	6.756	2-15/16"	1-11/32"	.846"	66.92
	25641		.2660	H	6.756	3-1/2"	1-11/16"	1.378"	76.04
		26641	.2660	H	6.756	4-3/8"	2-3/8"	1.910"	92.33
22290			.2720	I	6.909	2-15/16"	1-11/32"	.866"	67.90
	25646		.2720	I	6.909	3-1/2"	1-11/16"	1.410"	76.14
		26646	.2720	I	6.909	4-3/8"	2-3/8"	1.954"	92.42
22295			.2756		7.000	75	34	22	68.88
	25651		.2756		7.000	88	43	36	77.00
		26651	.2756		7.000	110	61	50	93.30
22300			.2770	J	7.036	2-15/16"	1-11/32"	.881"	69.83
	25656		.2770	J	7.036	3-1/2"	1-11/16"	1.435"	80.89
		26656	.2770	J	7.036	4-3/8"	2-3/8"	1.989"	98.02
22305			.2810	K	7.137	2-15/16"	1-11/32"	.894"	70.87
	25661		.2810	K	7.137	3-1/2"	1-3/4"	1.456"	81.79
		26661	.2810	K	7.137	4-7/16"	2-7/16"	2.018"	98.95
22310			.2812	9/32"	7.142	2-15/16"	1-11/32"	.895"	71.85
	25666		.2812	9/32"	7.142	3-1/2"	1-3/4"	1.457"	82.68
		26666	.2812	9/32"	7.142	4-7/16"	2-7/16"	2.020"	99.87
22315			.2900	L	7.366	2-15/16"	1-11/32"	.923"	72.81
	25671		.2900	L	7.366	3-1/2"	1-3/4"	1.503"	83.05
		26671	.2900	L	7.366	4-7/16"	2-7/16"	2.083"	100.25
22320			.2950	M	7.493	2-15/16"	1-11/32"	.939"	74.22
	25676		.2950	M	7.493	3-3/4"	1-3/4"	1.529"	83.54
		26676	.2950	M	7.493	4-7/16"	2-7/16"	2.119"	100.74
22325			.2953		7.500	75	34	24	74.22
	25681		.2953		7.500	95	44	39	83.54
		26681	.2953		7.500	115	66	54	100.74
22330			.2969	19/64"	7.541	3-3/32"	1-15/32"	.945"	74.85
	25686		.2969	19/64"	7.541	3-3/4"	1-7/8"	1.539"	89.24
		26686	.2969	19/64"	7.541	4-9/16"	2-9/16"	2.132"	108.76
22335			.3020	N	7.671	3-3/32"	1-15/32"	.961"	78.24
	25691		.3020	N	7.671	3-3/4"	1-7/8"	1.565"	91.24
		26691	.3020	N	7.671	4-9/16"	2-9/16"	2.169"	110.86
22340			.3125	5/16"	7.938	3-3/32"	1-15/32"	.994"	78.51
	25696		.3125	5/16"	7.938	3-3/4"	1-7/8"	1.619"	91.45
		26696	.3125	5/16"	7.938	4-11/16"	2-9/16"	2.244"	111.06

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 1580KH, 1280KH, 1880KH (continued)

.3150" - .3750"
(8.000mm - 9.525mm)

Recommended for high nickel, high temperature alloys, cobalt-based alloys, stainless steels, and tool steels >40 Rc

BALIQ® ALTINOS Coating (AlTiN-based)

High performance - high penetration solid submicron grain carbide drill



HIGH PERFORMANCE DRILLS

3xD (1580KH) EDP#	5xD (1280KH) EDP#	7xD (1880KH) 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				
22345	25701	26701	.3150	8.000	79	37	25	79.98
			.3150	8.000	95	48	41	95.30
			.3150	8.000	120	69	57	115.04
22350	25706	26706	.3160	O 8.026	3-3/32"	1-15/32"	1.006"	79.98
			.3160	O 8.026	3-3/4"	1-7/8"	1.638"	96.17
			.3160	O 8.026	4-11/16"	2-11/16"	2.270"	116.98
22355	25711	26711	.3230	P 8.204	3-3/32"	1-15/32"	1.028"	80.56
			.3230	P 8.204	3-3/4"	2-3/32"	1.674"	96.42
			.3230	P 8.204	4-11/16"	2-11/16"	2.320"	117.23
22360	25716	26716	.3281	21/64" 8.334	3-3/32"	1-15/32"	1.044"	82.08
			.3281	21/64" 8.334	4"	2-3/32"	1.700"	97.05
			.3281	21/64" 8.334	4-11/16"	2-11/16"	2.356"	117.88
22365	25721	26721	.3320	Q 8.433	3-3/32"	1-15/32"	1.056"	83.54
			.3320	Q 8.433	4"	2-3/32"	1.720"	97.61
			.3320	Q 8.433	4-15/16"	2-15/16"	2.384"	118.47
22370	25726	26726	.3346	8.500	79	37	27	83.88
			.3346	8.500	100	53	44	98.12
			.3346	8.500	125	75	61	118.98
22375	25731	26731	.3390	R 8.611	3-5/16"	1-9/16"	1.079"	86.13
			.3390	R 8.611	4"	2-3/32"	1.757"	101.34
			.3390	R 8.611	4-15/16"	2-15/16"	2.435"	124.61
22380	25736	26736	.3438	11/32" 8.733	3-5/16"	1-9/16"	1.094"	88.03
			.3438	11/32" 8.733	4"	2-3/16"	1.782"	103.83
			.3438	11/32" 8.733	4-15/16"	2-15/16"	2.470"	127.26
22385	25741	26741	.3480	S 8.839	3-5/16"	1-9/16"	1.107"	90.94
			.3480	S 8.839	4"	2-3/16"	1.803"	106.19
			.3480	S 8.839	5"	3"	2.499"	129.68
22390	25746	26746	.3543	9.000	84	40	29	93.26
			.3543	9.000	100	56	47	106.62
			.3543	9.000	125	77	65	130.16
22395	25751	26751	.3580	T 9.093	3-5/16"	1-9/16"	1.139"	96.92
			.3580	T 9.093	4-1/4"	2-9/32"	1.855"	108.64
			.3580	T 9.093	5"	3"	2.571"	136.82
22400	25756	26756	.3594	23/64" 9.129	3-5/16"	1-9/16"	1.144"	97.51
			.3594	23/64" 9.129	4-1/4"	2-9/32"	1.862"	109.05
			.3594	23/64" 9.129	5"	3"	2.581"	137.30
22405	25761	26761	.3680	U 9.347	3-5/16"	1-9/16"	1.171"	98.98
			.3680	U 9.347	4-1/4"	2-9/32"	1.907"	115.59
			.3680	U 9.347	5"	3"	2.643"	145.26
22410	25766	26766	.3740	9.500	84	40	30	99.78
			.3740	9.500	105	58	49	116.16
			.3740	9.500	130	80	68	146.17
22415	25771	26771	.3750	3/8" 9.525	3-1/2"	1-11/16"	1.193"	100.39
			.3750	3/8" 9.525	4-1/4"	2-3/8"	1.943"	119.04
			.3750	3/8" 9.525	5-1/8"	3-1/8"	2.693"	150.03

continued →

Series 1580KH, 1280KH, 1880KH (continued)

.3770" - .4921"
(9.576mm - 12.500mm)

3xD (1580KH) EDP#	5xD (1280KH) EDP#	7xD (1880KH) EDP#	d^{\dagger} Diameter		l_1 Overall Length	l_2 Flute Length	l_5 Max Drill Depth	LIST PRICE	
			Decimal	Metric					
22420			.3770	V	9.576	3-1/2"	1-11/16"	1.200"	104.25
	25776		.3770	V	9.576	4-1/4"	2-3/8"	1.954"	119.43
		26776	.3770	V	9.576	5-1/8"	3-1/8"	2.708"	152.39
22425			.3860	W	9.804	3-1/2"	1-11/16"	1.228"	106.07
	25781		.3860	W	9.804	4-1/2"	2-3/8"	2.000"	120.74
		26781	.3860	W	9.804	5-1/8"	3-1/8"	2.772"	152.92
22430			.3906	25/64"	9.921	3-1/2"	1-11/16"	1.243"	107.40
	25786		.3906	25/64"	9.921	4-1/2"	2-3/8"	2.024"	121.64
		26786	.3906	25/64"	9.921	5-1/4"	3-1/4"	2.805"	153.84
22435			.3937		10.000	89	43	32	107.78
	25791		.3937		10.000	115	60	52	122.76
		26791	.3937		10.000	135	83	72	156.87
22440			.3970	X	10.084	3-1/2"	1-11/16"	1.263"	108.73
	25796		.3970	X	10.084	4-1/2"	2-1/2"	2.057"	126.93
		26796	.3970	X	10.084	5-1/4"	3-1/4"	2.851"	160.37
22445			.4040	Y	10.262	3-1/2"	1-11/16"	1.286"	109.47
	25801		.4040	Y	10.262	4-1/2"	2-9/16"	2.094"	127.50
		26801	.4040	Y	10.262	5-3/8"	3-3/8"	2.902"	163.54
22450			.4062	13/32"	10.317	3-1/2"	1-11/16"	1.293"	112.83
	25806		.4062	13/32"	10.317	4-1/2"	2-9/16"	2.105"	129.95
		26806	.4062	13/32"	10.317	5-3/8"	3-3/8"	2.917"	164.47
22455			.4130	Z	10.490	3-1/2"	1-11/16"	1.314"	113.87
	25811		.4130	Z	10.490	4-1/2"	2-5/8"	2.140"	131.99
		26811	.4130	Z	10.490	5-3/8"	3-3/8"	2.966"	167.20
22460			.4134		10.500	89	43	33	113.87
	25816		.4134		10.500	115	67	54	131.99
		26816	.4134		10.500	135	86	75	167.20
22465			.4219	27/64"	10.716	3-3/4"	1-13/16"	1.343"	114.94
	25821		.4219	27/64"	10.716	4-1/2"	2-11/16"	2.186"	133.85
		26821	.4219	27/64"	10.716	5-7/16"	3-7/16"	3.030"	169.28
22470			.4331		11.000	95	46	35	123.37
	25826		.4331		11.000	115	68	57	138.67
		26826	.4331		11.000	135	88	79	175.83
22475			.4375	7/16"	11.113	3-3/4"	1-13/16"	1.392"	123.37
	25831		.4375	7/16"	11.113	4-3/4"	2-13/16"	2.267"	141.47
		26831	.4375	7/16"	11.113	5-7/16"	3-7/16"	3.142"	179.59
22480			.4528		11.500	95	46	37	132.44
	25836		.4528		11.500	120	71	60	146.53
		26836	.4528		11.500	140	91	83	185.96
22485			.4531	29/64"	11.509	3-3/4"	1-13/16"	1.442"	132.44
	25841		.4531	29/64"	11.509	4-3/4"	2-7/8"	2.348"	151.54
		26841	.4531	29/64"	11.509	5-9/16"	3-13/16"	3.254"	191.79
22490			.4688	15/32"	11.908	4"	1-15/16"	1.492"	139.15
	25846		.4688	15/32"	11.908	4-3/4"	2-7/8"	2.429"	155.00
		26846	.4688	15/32"	11.908	5-9/16"	3-13/16"	3.367"	196.58
22495			.4724		12.000	102	49	38	139.56
	25851		.4724		12.000	120	73	62	158.33
		26851	.4724		12.000	140	98	86	201.63
22500			.4844	31/64"	12.304	4"	1-15/16"	1.541"	148.10
	25856		.4844	31/64"	12.304	5-5/16"	3"	2.510"	165.19
		26856	.4844	31/64"	12.304	5-9/16"	3-13/16"	3.479"	206.87
22505			.4921		12.500	102	49	40	156.10
	25861		.4921		12.500	135	76	65	177.31
		26861	.4921		12.500	150	102	90	208.02

Series 1580KH, 1280KH, 1880KH (continued)

.5000" - .6299"
(12.700mm - 16.000mm)

HIGH PERFORMANCE
DRILLS

3xD (1580KH) EDP#	5xD (1280KH) EDP#	7xD (1880KH) EDP#	$d \dagger$ Diameter		l_1 Overall Length	l_2 Flute Length	l_5 Max Drill Depth	LIST PRICE	
			Decimal	Metric					
22510	25866		.5000	1/2"	12.700	4"	1-15/16"	157.08	
			.5000	1/2"	12.700	5-3/8"	3-1/16"	178.99	
	26866	.5000	1/2"	12.700	6"	4"	3.591"	208.77	
22515	25871		.5118		13.000	107	53	41	174.36
			.5118		13.000	135	78	67	202.98
	26871	.5118		13.000	150	102	93	218.56	
22520	25876		.5156	33/64"	13.096	4-7/32"	2-3/32"	1.641"	178.49
			.5156	33/64"	13.096	5-3/8"	3-1/8"	2.672"	211.57
	26876	.5156	33/64"	13.096	6"	4"	3.703"	227.76	
22525	25881		.5312	17/32"	13.492	4-7/32"	2-3/32"	1.690"	182.58
			.5312	17/32"	13.492	5-11/16"	3-5/16"	2.753"	214.98
	26881	.5312	17/32"	13.492	6-1/8"	4-1/8"	3.815"	231.45	
22530	25886		.5315		13.500	110	56	43	186.71
			.5315		13.500	145	84	70	218.29
	26886	.5315		13.500	155	105	97	235.03	
22535	25891		.5469	35/64"	13.891	4-5/16"	2-7/32"	1.740"	190.78
			.5469	35/64"	13.891	5-13/16"	3-3/8"	2.834"	230.25
	26891	.5469	35/64"	13.891	6-1/8"	4-1/8"	3.928"	242.37	
22540	25896		.5512		14.000	110	56	45	194.92
			.5512		14.000	145	86	73	233.63
	26896	.5512		14.000	155	105	101	245.95	
22545	25901		.5625	9/16"	14.288	4-9/16"	2-15/32"	1.790"	215.80
			.5625	9/16"	14.288	5-15/16"	3-1/2"	2.915"	251.70
	26901	.5625	9/16"	14.288	6-1/4"	4-3/8"	4.040"	265.53	
22550	25906		.5709		14.500	116	63	46	219.87
			.5709		14.500	150	89	75	253.70
	26906	.5709		14.500	160	109	104	267.64	
22555	25911		.5781	37/64"	14.684	4-15/16"	2-9/16"	1.840"	223.80
			.5781	37/64"	14.684	6"	3-1/2"	2.996"	254.40
	26911	.5781	37/64"	14.684	6-1/4"	4-3/8"	4.152"	268.36	
22560	25916		.5906		15.000	125	65	48	227.91
			.5906		15.000	150	90	78	257.70
	26916	.5906		15.000	160	112	108	271.85	
22565	25921		.5938	19/32"	15.083	4-15/16"	2-9/16"	1.890"	229.16
			.5938	19/32"	15.083	6"	3-9/16"	3.077"	264.41
	26921	.5938	19/32"	15.083	6-3/8"	4-3/8"	4.265"	278.91	
22570	25926		.6094	39/64"	15.479	5-1/16"	2-13/16"	1.939"	230.30
			.6094	39/64"	15.479	6-3/16"	3-11/16"	3.158"	297.57
	26926	.6094	39/64"	15.479	6-7/16"	4-7/16"	4.377"	313.85	
22575	25931		.6102		15.500	129	71	49	231.49
			.6102		15.500	160	94	80	298.39
	26931	.6102		15.500	165	113	111	314.75	
22580	25936		.6250	5/8"	15.875	5-1/4"	3-1/8"	1.989"	232.64
			.6250	5/8"	15.875	6-5/16"	3-3/4"	3.239"	306.62
	26936	.6250	5/8"	15.875	6-9/16"	4-9/16"	4.489"	323.46	
22585			.6299		16.000	133	79	51	238.27
	25941		.6299		16.000	160	95	83	310.64
		26941	.6299		16.000	165	117	115	327.70