

TOLERANCES

d	+.0000" - .0005" (+.0000 - .0127mm)	
l1	≤ 1/8"	+.125" - .062" (+3.175 - 1.588mm)
	> 1/8"	+.125" - .125" (+3.175 - 3.175mm)
l2	≤ 1/8"	+.125" - .062" (+3.175 - 1.588mm)
	> 1/8"	+.125" - .125" (+3.175 - 3.175mm)



TECH PAGES
308-309

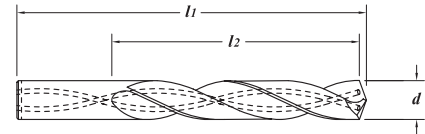
Series 1580KH, 1280KH, 1880KH

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

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

AlTiN-based Coating

- 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



HIGH PERFORMANCE DRILLS

3xD (1580KH) EDP#	5xD (1280KH) EDP#	7xD (1880KH) EDP#	d † Diameter		l1 Overall Length	l2 Flute Length	1-11	12-24	25-49	50-100	
			Decimal	Metric							
22010	25366	26366	.1181	3.000	46	16	40.56	38.80	37.03	35.27	
			.1181	3.000	50	19	44.86	42.91	40.96	39.01	
22015	25371	26371	.1181	3.000	65	28	50.06	47.88	45.71	43.53	
			.1200	#31	3.048	1-13/16"	5/8"	40.99	39.20	37.42	35.64
			.1200	#31	3.048	2"	3/4"	45.22	43.25	41.29	39.32
22020	25376	26376	.1200	#31	3.048	2-1/2"	1-1/8"	50.47	48.28	46.08	43.89
			.1250	1/8"	3.175	1-15/16"	11/16"	41.33	39.53	37.74	35.94
			.1250	1/8"	3.175	2"	3/4"	45.59	43.60	41.62	39.64
22025	25381	26381	.1250	1/8"	3.175	2-1/2"	1-1/8"	50.88	48.66	46.45	44.24
			.1285	#30	3.264	1-15/16"	11/16"	41.71	39.90	38.08	36.27
			.1285	#30	3.264	2-1/4"	3/4"	45.99	43.99	41.99	39.99
22030	25386	26386	.1285	#30	3.264	2-1/2"	1-1/8"	51.34	49.10	46.87	44.64
			.1360	#29	3.454	2-1/16"	3/4"	42.10	40.27	38.44	36.61
			.1360	#29	3.454	2-1/4"	7/8"	46.33	44.32	42.30	40.29
22035	25391	26391	.1360	#29	3.454	3"	1-1/4"	51.70	49.46	47.21	44.96
			.1378	#29	3.500	3"	1-1/4"	42.53	40.68	38.83	36.98
			.1378	#29	3.500	57	22	46.69	44.66	42.63	40.60
22040	25396	26396	.1378	#29	3.500	75	32	52.12	49.85	47.59	45.32
			.1405	#28	3.569	2-1/16"	3/4"	42.92	41.05	39.19	37.32
			.1405	#28	3.569	2-1/4"	7/8"	47.07	45.02	42.98	40.93
22045	25401	26401	.1405	#28	3.569	3"	1-1/4"	52.53	50.25	47.96	45.68
			.1406	9/64"	3.571	2-1/16"	3/4"	43.29	41.40	39.52	37.64
			.1406	9/64"	3.571	2-1/4"	7/8"	47.48	45.42	43.35	41.29
22050	25406	26406	.1406	9/64"	3.571	3"	1-1/4"	52.98	50.68	48.37	46.07
			.1440	#27	3.658	2-1/16"	3/4"	43.68	41.78	39.88	37.98
			.1440	#27	3.658	2-1/4"	7/8"	47.79	45.72	43.64	41.56
22055	25411	26411	.1440	#27	3.658	3"	1-3/8"	53.34	51.02	48.70	46.38
			.1470	#26	3.734	2-3/16"	13/16"	44.01	42.10	40.18	38.27
			.1470	#26	3.734	2-1/4"	7/8"	48.20	46.10	44.01	41.91
22060	25416	26416	.1470	#26	3.734	3"	1-3/8"	53.79	51.45	49.11	46.77
			.1495	#25	3.797	2-3/16"	13/16"	44.46	42.53	40.59	38.66
			.1495	#25	3.797	2-1/4"	15/16"	48.56	46.45	44.34	42.23
22065	25421	26421	.1495	#25	3.797	3"	1-3/8"	54.20	51.84	49.49	47.13
			.1520	#24	3.861	2-3/16"	13/16"	44.83	42.88	40.93	38.98
			.1520	#24	3.861	2-1/4"	15/16"	48.91	46.78	44.66	42.53
22070	25426	26426	.1520	#24	3.861	3"	1-1/2"	54.58	52.21	49.83	47.46
			.1540	#23	3.912	2-3/16"	13/16"	45.22	43.25	41.29	39.32
			.1540	#23	3.912	2-1/4"	15/16"	49.31	47.17	45.02	42.88
			.1540	#23	3.912	3"	1-1/2"	55.04	52.65	50.25	47.86

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	1-11	12-24	25-49	50-100	
			Decimal	Metric							
22075			.1562	5/32"	3.967	2-3/16"	13/16"	45.57	43.59	41.61	39.63
	25431		.1562	5/32"	3.967	2-1/2"	15/16"	49.67	47.51	45.35	43.19
		26431	.1562	5/32"	3.967	3"	1-1/2"	55.43	53.02	50.61	48.20
22080			.1570	#22	3.988	2-3/16"	13/16"	45.99	43.99	41.99	39.99
	25436		.1570	#22	3.988	2-1/2"	15/16"	50.01	47.84	45.66	43.49
		26436	.1570	#22	3.988	3"	1-1/2"	55.82	53.39	50.97	48.54
22085			.1575		4.000	56	21	46.36	44.34	42.33	40.31
	25441		.1575		4.000	65	24	50.42	48.22	46.03	43.84
		26441	.1575		4.000	75	38	56.25	53.80	51.36	48.91
22090			.1590	#21	4.039	2-3/16"	13/16"	46.78	44.75	42.71	40.68
	25446		.1590	#21	4.039	2-1/2"	15/16"	50.75	48.54	46.34	44.13
		26446	.1590	#21	4.039	3"	1-1/2"	56.61	54.15	51.69	49.23
22095			.1610	#20	4.089	2-3/16"	13/16"	47.16	45.11	43.06	41.01
	25451		.1610	#20	4.089	2-1/2"	15/16"	51.14	48.92	46.69	44.47
		26451	.1610	#20	4.089	3"	1-1/2"	57.06	54.58	52.10	49.62
22100			.1660	#19	4.216	2-9/32"	15/16"	47.58	45.51	43.44	41.37
	25456		.1660	#19	4.216	2-1/2"	1"	51.53	49.29	47.05	44.81
		26456	.1660	#19	4.216	3"	1-1/2"	57.50	55.00	52.50	50.00
22105			.1695	#18	4.305	2-9/32"	15/16"	47.96	45.87	43.79	41.70
	25461		.1695	#18	4.305	2-1/2"	1"	51.90	49.64	47.39	45.13
		26461	.1695	#18	4.305	3-1/2"	1-3/4"	57.89	55.37	52.86	50.34
22110			.1719	11/64"	4.366	2-9/32"	15/16"	48.35	46.24	44.14	42.04
	25466		.1719	11/64"	4.366	2-1/2"	1"	52.26	49.98	47.71	45.44
		26466	.1719	11/64"	4.366	3-1/2"	1-3/4"	58.29	55.76	53.22	50.69
22115			.1730	#17	4.394	2-9/32"	15/16"	48.74	46.62	44.50	42.38
	25471		.1730	#17	4.394	2-1/2"	1"	52.60	50.31	48.03	45.74
		26471	.1730	#17	4.394	3-1/2"	1-3/4"	58.68	56.13	53.58	51.03
22120			.1770	#16	4.496	2-9/32"	15/16"	49.07	46.94	44.80	42.67
	25476		.1770	#16	4.496	2-1/2"	1"	52.99	50.69	48.38	46.08
		26476	.1770	#16	4.496	3-1/2"	1-3/4"	59.14	56.57	54.00	51.43
22125			.1772		4.500	58	24	49.51	47.36	45.20	43.05
	25481		.1772		4.500	65	25	53.38	51.06	48.74	46.42
		26481	.1772		4.500	88	45	59.57	56.98	54.39	51.80
22130			.1800	#15	4.572	2-9/32"	15/16"	49.82	47.65	45.49	43.32
	25486		.1800	#15	4.572	2-3/4"	1"	53.74	51.40	49.07	46.73
		26486	.1800	#15	4.572	3-1/2"	1-3/4"	59.95	57.34	54.74	52.13
22135			.1820	#14	4.623	2-9/32"	15/16"	50.30	48.11	45.93	43.74
	25491		.1820	#14	4.623	2-3/4"	1"	54.08	51.73	49.38	47.03
		26491	.1820	#14	4.623	3-1/2"	1-3/4"	60.34	57.72	55.09	52.47
22140			.1850	#13	4.699	2-9/32"	15/16"	50.66	48.46	46.25	44.05
	25496		.1850	#13	4.699	2-3/4"	1-1/4"	54.48	52.11	49.74	47.37
		26496	.1850	#13	4.699	3-1/2"	1-3/4"	60.78	58.14	55.49	52.85
22145			.1875	3/16"	4.763	2-13/32"	1"	51.06	48.84	46.62	44.40
	25501		.1875	3/16"	4.763	2-3/4"	1-1/4"	54.87	52.48	50.10	47.71
		26501	.1875	3/16"	4.763	4"	2"	61.24	58.58	55.91	53.25
22150			.1890	#12	4.801	2-13/32"	1"	51.43	49.19	46.96	44.72
	25506		.1890	#12	4.801	2-3/4"	1-1/4"	55.21	52.81	50.41	48.01
		26506	.1890	#12	4.801	4"	2"	61.61	58.93	56.25	53.57
22155			.1910	#11	4.851	2-13/32"	1"	51.90	49.64	47.39	45.13
	25511		.1910	#11	4.851	2-3/4"	1-1/4"	55.57	53.15	50.74	48.32
		26511	.1910	#11	4.851	4"	2"	62.01	59.31	56.62	53.92
22160			.1935	#10	4.915	2-13/32"	1"	52.20	49.93	47.66	45.39
	25516		.1935	#10	4.915	2-3/4"	1-1/4"	55.98	53.55	51.11	48.68
		26516	.1935	#10	4.915	4"	2"	62.45	59.73	57.02	54.30

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

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

HIGH PERFORMANCE
DRILLS

3xD (1580KH) EDP#	5xD (1280KH) EDP#	7xD (1880KH) EDP#	d^+ Diameter		l_1 Overall Length	l_2 Flute Length	1-11	12-24	25-49	50-100	
			Decimal	Metric							
22165			.1960	#9	4.978	2-13/32"	1"	52.59	50.30	48.02	45.73
	25521		.1960	#9	4.978	3"	1-5/16"	56.30	53.86	51.41	48.96
		26521	.1960	#9	4.978	4"	2"	62.81	60.08	57.35	54.62
22170			.1969		5.000	61	25	52.89	50.59	48.29	45.99
	25526		.1969		5.000	75	33	56.70	54.23	51.77	49.30
		26526	.1969		5.000	100	50	63.25	60.50	57.75	55.00
22175			.1990	#8	5.055	2-13/32"	1"	53.37	51.05	48.73	46.41
	25531		.1990	#8	5.055	3"	1-5/16"	56.98	54.51	52.03	49.55
		26531	.1990	#8	5.055	4"	2"	63.57	60.81	58.04	55.28
22180			.2010	#7	5.105	2-13/32"	1"	53.53	51.21	48.88	46.55
	25536		.2010	#7	5.105	3"	1-5/16"	57.24	54.75	52.26	49.77
		26536	.2010	#7	5.105	4"	2"	63.86	61.08	58.31	55.53
22185			.2031	13/64"	5.159	2-13/32"	1"	53.89	51.55	49.20	46.86
	25541		.2031	13/64"	5.159	3"	1-5/16"	57.65	55.14	52.64	50.13
		26541	.2031	13/64"	5.159	4"	2"	64.33	61.53	58.74	55.94
22190			.2040	#6	5.182	2-13/32"	1"	54.26	51.90	49.54	47.18
	25546		.2040	#6	5.182	3"	1-3/8"	58.09	55.56	53.04	50.51
		26546	.2040	#6	5.182	4"	2"	64.80	61.99	59.17	56.35
22195			.2055	#5	5.220	2-13/32"	1"	54.64	52.26	49.89	47.51
	25551		.2055	#5	5.220	3"	1-3/8"	58.47	55.92	53.38	50.84
		26551	.2055	#5	5.220	4"	2"	65.24	62.40	59.57	56.73
22200			.2090	#4	5.309	2-13/32"	1"	54.99	52.60	50.21	47.82
	25556		.2090	#4	5.309	3"	1-3/8"	58.87	56.31	53.75	51.19
		26556	.2090	#4	5.309	4"	2"	65.68	62.82	59.97	57.11
22205			.2130	#3	5.410	2-5/8"	1-3/32"	55.35	52.94	50.54	48.13
	25561		.2130	#3	5.410	3"	1-3/8"	59.25	56.67	54.10	51.52
		26561	.2130	#3	5.410	4"	2"	66.11	63.24	60.36	57.49
22210			.2165		5.500	67	28	55.71	53.28	50.86	48.44
	25566		.2165		5.500	75	35	59.62	57.02	54.43	51.84
		26566	.2165		5.500	100	50	66.52	63.62	60.73	57.84
22215			.2188	7/32"	5.558	2-5/8"	1-3/32"	56.18	53.74	51.29	48.85
	25571		.2188	7/32"	5.558	3"	1-3/8"	59.74	57.15	54.55	51.95
		26571	.2188	7/32"	5.558	4"	2"	66.91	64.00	61.09	58.18
22220			.2210	#2	5.613	2-5/8"	1-3/32"	56.57	54.11	51.65	49.19
	25576		.2210	#2	5.613	3"	1-3/8"	60.77	58.12	55.48	52.84
		26576	.2210	#2	5.613	4"	2"	67.97	65.01	62.06	59.10
22225			.2280	#1	5.791	2-5/8"	1-3/32"	56.99	54.52	52.04	49.56
	25581		.2280	#1	5.791	3"	1-3/8"	60.98	58.33	55.68	53.03
		26581	.2280	#1	5.791	4-1/8"	2-1/8"	77.87	74.48	71.10	67.71
22230			.2340	A	5.944	2-5/8"	1-3/32"	57.40	54.90	52.41	49.91
	25586		.2340	A	5.944	3-1/4"	1-1/2"	68.44	65.46	62.49	59.51
		26586	.2340	A	5.944	4-1/8"	2-1/8"	82.21	78.64	75.06	71.49
22235			.2344	15/64"	5.954	2-5/8"	1-3/32"	57.82	55.31	52.79	50.28
	25591		.2344	15/64"	5.954	3-1/4"	1-1/2"	68.56	65.58	62.60	59.62
		26591	.2344	15/64"	5.954	4-1/8"	2-1/8"	82.34	78.76	75.18	71.60
22240			.2362		6.000	67	28	58.24	55.70	53.17	50.64
	25596		.2362		6.000	80	38	68.75	65.76	62.77	59.78
		26596	.2362		6.000	105	55	82.52	78.94	75.35	71.76
22245			.2380	B	6.045	2-3/4"	1-7/32"	61.51	58.84	56.16	53.49
	25601		.2380	B	6.045	3-1/4"	1-5/8"	70.92	67.84	64.75	61.67
		26601	.2380	B	6.045	4-1/8"	2-1/8"	85.64	81.92	78.19	74.47
22250			.2420	C	6.147	2-3/4"	1-7/32"	62.02	59.32	56.63	53.93
	25606		.2420	C	6.147	3-1/4"	1-5/8"	71.25	68.16	65.06	61.96
		26606	.2420	C	6.147	4-1/4"	2-1/4"	85.97	82.24	78.50	74.76

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	1-11	12-24	25-49	50-100	
			Decimal	Metric							
22255			.2460	D	6.248	2-3/4"	1-7/32"	62.36	59.65	56.94	54.23
	25611		.2460	D	6.248	3-1/4"	1-5/8"	71.56	68.45	65.34	62.23
		26611	.2460	D	6.248	4-1/4"	2-1/4"	86.30	82.54	78.79	75.04
22260			.2500	1/4" / E	6.350	2-3/4"	1-7/32"	62.88	60.15	57.41	54.68
	25616		.2500	1/4" / E	6.350	3-1/4"	1-5/8"	71.88	68.75	65.63	62.50
		26616	.2500	1/4" / E	6.350	4-1/4"	2-1/4"	86.61	82.84	79.08	75.31
22265			.2559		6.500	70	31	63.92	61.14	58.36	55.58
	25621		.2559		6.500	80	41	72.76	69.60	66.43	63.27
		26621	.2559		6.500	105	58	87.52	83.71	79.91	76.10
22270			.2570	F	6.528	2-3/4"	1-7/32"	64.89	62.07	59.25	56.43
	25626		.2570	F	6.528	3-1/4"	1-11/16"	74.44	71.20	67.97	64.73
		26626	.2570	F	6.528	4-3/8"	2-3/8"	90.87	86.92	82.97	79.02
22275			.2610	G	6.629	2-3/4"	1-7/32"	65.88	63.02	60.15	57.29
	25631		.2610	G	6.629	3-1/2"	1-11/16"	75.36	72.08	68.81	65.53
		26631	.2610	G	6.629	4-3/8"	2-3/8"	91.82	87.82	83.83	79.84
22280			.2656	17/64"	6.746	2-15/16"	1-11/32"	66.90	63.99	61.08	58.17
	25636		.2656	17/64"	6.746	3-1/2"	1-11/16"	76.23	72.92	69.60	66.29
		26636	.2656	17/64"	6.746	4-3/8"	2-3/8"	92.70	88.67	84.64	80.61
22285			.2660	H	6.756	2-15/16"	1-11/32"	67.88	64.93	61.98	59.03
	25641		.2660	H	6.756	3-1/2"	1-11/16"	77.14	73.79	70.43	67.08
		26641	.2660	H	6.756	4-3/8"	2-3/8"	93.67	89.60	85.52	81.45
22290			.2720	I	6.909	2-15/16"	1-11/32"	68.87	65.88	62.88	59.89
	25646		.2720	I	6.909	3-1/2"	1-11/16"	77.23	73.88	70.52	67.16
		26646	.2720	I	6.909	4-3/8"	2-3/8"	93.76	89.68	85.61	81.53
22295			.2756		7.000	75	34	69.87	66.84	63.80	60.76
	25651		.2756		7.000	88	43	78.11	74.71	71.32	67.92
		26651	.2756		7.000	110	61	94.66	90.54	86.43	82.31
22300			.2770	J	7.036	2-15/16"	1-11/32"	70.84	67.76	64.68	61.60
	25656		.2770	J	7.036	3-1/2"	1-11/16"	82.06	78.50	74.93	71.36
		26656	.2770	J	7.036	4-3/8"	2-3/8"	99.44	95.12	90.79	86.47
22305			.2810	K	7.137	2-15/16"	1-11/32"	71.90	68.77	65.65	62.52
	25661		.2810	K	7.137	3-1/2"	1-3/4"	82.97	79.37	75.76	72.15
		26661	.2810	K	7.137	4-7/16"	2-7/16"	100.38	96.02	91.65	87.29
22310			.2812	9/32"	7.142	2-15/16"	1-11/32"	72.89	69.72	66.55	63.38
	25666		.2812	9/32"	7.142	3-1/2"	1-3/4"	83.87	80.22	76.58	72.93
		26666	.2812	9/32"	7.142	4-7/16"	2-7/16"	101.32	96.91	92.51	88.10
22315			.2900	L	7.366	2-15/16"	1-11/32"	73.86	70.65	67.44	64.23
	25671		.2900	L	7.366	3-1/2"	1-3/4"	84.25	80.59	76.92	73.26
		26671	.2900	L	7.366	4-7/16"	2-7/16"	101.69	97.27	92.85	88.43
22320			.2950	M	7.493	2-15/16"	1-11/32"	75.29	72.02	68.74	65.47
	25676		.2950	M	7.493	3-3/4"	1-3/4"	84.74	81.06	77.37	73.69
		26676	.2950	M	7.493	4-7/16"	2-7/16"	102.20	97.76	93.31	88.87
22325			.2953		7.500	75	34	75.29	72.02	68.74	65.47
	25681		.2953		7.500	95	44	84.74	81.06	77.37	73.69
		26681	.2953		7.500	115	66	102.20	97.76	93.31	88.87
22330			.2969	19/64"	7.541	3-3/32"	1-15/32"	75.93	72.63	69.33	66.03
	25686		.2969	19/64"	7.541	3-3/4"	1-7/8"	90.53	86.59	82.66	78.72
		26686	.2969	19/64"	7.541	4-9/16"	2-9/16"	110.33	105.53	100.74	95.94
22335			.3020	N	7.671	3-3/32"	1-15/32"	79.37	75.92	72.47	69.02
	25691		.3020	N	7.671	3-3/4"	1-7/8"	92.56	88.54	84.51	80.49
		26691	.3020	N	7.671	4-9/16"	2-9/16"	112.47	107.58	102.69	97.80
22340			.3125	5/16"	7.938	3-3/32"	1-15/32"	79.65	76.19	72.72	69.26
	25696		.3125	5/16"	7.938	3-3/4"	1-7/8"	92.77	88.74	84.70	80.67
		26696	.3125	5/16"	7.938	4-11/16"	2-9/16"	112.67	107.77	102.87	97.97

TOLERANCES

d	+.0000" - .0005" (+.0000 - .0127mm)	
l1	≤ 1/8"	+.125" - .062" (+3.175 - 1.588mm)
	> 1/8"	+.125" - .125" (+3.175 - 3.175mm)
l2	≤ 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

AlTiN-based Coating

High performance - high penetration solid submicron grain carbide drill



HIGH PERFORMANCE DRILLS

3xD (1580KH) EDP#	5xD (1280KH) EDP#	7xD (1880KH) EDP#	d † Diameter		l1 Overall Length	l2 Flute Length	1-11	12-24	25-49	50-100
			Decimal	Metric						
22345			.3150	8.000	79	37	81.14	77.62	74.09	70.56
	25701		.3150	8.000	95	48	96.68	92.48	88.27	84.07
		26701	.3150	8.000	120	69	116.70	111.63	106.55	101.48
22350			.3160	O 8.026	3-3/32"	1-15/32"	81.14	77.62	74.09	70.56
	25706		.3160	O 8.026	3-3/4"	1-7/8"	97.57	93.32	89.08	84.84
		26706	.3160	O 8.026	4-11/16"	2-11/16"	118.67	113.51	108.35	103.19
22355			.3230	P 8.204	3-3/32"	1-15/32"	81.73	78.18	74.62	71.07
	25711		.3230	P 8.204	3-3/4"	2-3/32"	97.82	93.57	89.31	85.06
		26711	.3230	P 8.204	4-11/16"	2-11/16"	118.92	113.75	108.58	103.41
22360			.3281	21/64"	8.334	3-3/32"	83.26	79.64	76.02	72.40
	25716		.3281	21/64"	8.334	4"	98.46	94.18	89.90	85.62
		26716	.3281	21/64"	8.334	4-11/16"	119.59	114.39	109.19	103.99
22365			.3320	Q 8.433	3-3/32"	1-15/32"	84.74	81.06	77.37	73.69
	25721		.3320	Q 8.433	4"	2-3/32"	99.03	94.72	90.42	86.11
		26721	.3320	Q 8.433	4-15/16"	2-15/16"	120.19	114.96	109.74	104.51
22370			.3346	8.500	79	37	85.09	81.39	77.69	73.99
	25726		.3346	8.500	100	53	99.54	95.22	90.89	86.56
		26726	.3346	8.500	125	75	120.70	115.46	110.21	104.96
22375			.3390	R 8.611	3-5/16"	1-9/16"	87.38	83.58	79.78	75.98
	25731		.3390	R 8.611	4"	2-3/32"	102.80	98.33	93.86	89.39
		26731	.3390	R 8.611	4-15/16"	2-15/16"	126.41	120.91	115.42	109.92
22380			.3438	11/32"	8.733	3-5/16"	89.30	85.42	81.53	77.65
	25736		.3438	11/32"	8.733	4"	105.34	100.76	96.18	91.60
		26736	.3438	11/32"	8.733	4-15/16"	129.10	123.49	117.87	112.26
22385			.3480	S 8.839	3-5/16"	1-9/16"	92.25	88.24	84.23	80.22
	25741		.3480	S 8.839	4"	2-3/16"	107.72	103.04	98.35	93.67
		26741	.3480	S 8.839	5"	3"	131.55	125.83	120.11	114.39
22390			.3543	9.000	84	40	94.61	90.50	86.38	82.27
	25746		.3543	9.000	100	56	108.17	103.47	98.76	94.06
		26746	.3543	9.000	125	77	132.04	126.30	120.56	114.82
22395			.3580	T 9.093	3-5/16"	1-9/16"	98.33	94.05	89.78	85.50
	25751		.3580	T 9.093	4-1/4"	2-9/32"	110.22	105.42	100.63	95.84
		26751	.3580	T 9.093	5"	3"	138.79	132.76	126.72	120.69
22400			.3594	23/64"	9.129	3-5/16"	98.92	94.62	90.32	86.02
	25756		.3594	23/64"	9.129	4-1/4"	110.63	105.82	101.01	96.20
		26756	.3594	23/64"	9.129	5"	139.29	133.23	127.18	121.12
22405			.3680	U 9.347	3-5/16"	1-9/16"	100.42	96.05	91.69	87.32
	25761		.3680	U 9.347	4-1/4"	2-9/32"	117.27	112.17	107.07	101.97
		26761	.3680	U 9.347	5"	3"	147.36	140.95	134.55	128.14
22410			.3740	9.500	84	40	101.22	96.82	92.42	88.02
	25766		.3740	9.500	105	58	117.84	112.72	107.59	102.47
		26766	.3740	9.500	130	80	148.28	141.83	135.39	128.94
22415			.3750	3/8"	9.525	3-1/2"	101.84	97.42	92.99	88.56
	25771		.3750	3/8"	9.525	4-1/4"	120.76	115.51	110.26	105.01
		26771	.3750	3/8"	9.525	5-1/8"	152.20	145.59	138.97	132.35

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	1-11	12-24	25-49	50-100	
			Decimal	Metric							
22420			.3770	V	9.576	3-1/2"	1-11/16"	105.75	101.16	96.56	91.96
	25776		.3770	V	9.576	4-1/4"	2-3/8"	121.16	115.90	110.63	105.36
		26776	.3770	V	9.576	5-1/8"	3-1/8"	154.59	147.87	141.15	134.43
22425			.3860	W	9.804	3-1/2"	1-11/16"	107.61	102.93	98.25	93.57
	25781		.3860	W	9.804	4-1/2"	2-3/8"	122.49	117.16	111.84	106.51
		26781	.3860	W	9.804	5-1/8"	3-1/8"	155.12	148.38	141.63	134.89
22430			.3906	25/64"	9.921	3-1/2"	1-11/16"	108.95	104.21	99.48	94.74
	25786		.3906	25/64"	9.921	4-1/2"	2-3/8"	123.41	118.04	112.68	107.31
		26786	.3906	25/64"	9.921	5-1/4"	3-1/4"	156.07	149.28	142.50	135.71
22435			.3937		10.000	89	43	109.34	104.59	99.83	95.08
	25791		.3937		10.000	115	60	124.53	119.12	113.70	108.29
		26791	.3937		10.000	135	83	159.14	152.22	145.30	138.38
22440			.3970	X	10.084	3-1/2"	1-11/16"	110.30	105.50	100.71	95.91
	25796		.3970	X	10.084	4-1/2"	2-1/2"	128.77	123.17	117.57	111.97
		26796	.3970	X	10.084	5-1/4"	3-1/4"	162.69	155.62	148.54	141.47
22445			.4040	Y	10.262	3-1/2"	1-11/16"	111.06	106.23	101.40	96.57
	25801		.4040	Y	10.262	4-1/2"	2-9/16"	129.34	123.72	118.09	112.47
		26801	.4040	Y	10.262	5-3/8"	3-3/8"	165.91	158.70	151.48	144.27
22450			.4062	13/32"	10.317	3-1/2"	1-11/16"	114.46	109.48	104.51	99.53
	25806		.4062	13/32"	10.317	4-1/2"	2-9/16"	131.82	126.09	120.36	114.63
		26806	.4062	13/32"	10.317	5-3/8"	3-3/8"	166.85	159.60	152.34	145.09
22455			.4130	Z	10.490	3-1/2"	1-11/16"	115.52	110.50	105.47	100.45
	25811		.4130	Z	10.490	4-1/2"	2-5/8"	133.89	128.07	122.25	116.43
		26811	.4130	Z	10.490	5-3/8"	3-3/8"	169.61	162.24	154.86	147.49
22460			.4134		10.500	89	43	115.52	110.50	105.47	100.45
	25816		.4134		10.500	115	67	133.89	128.07	122.25	116.43
		26816	.4134		10.500	135	86	169.61	162.24	154.86	147.49
22465			.4219	27/64"	10.716	3-3/4"	1-13/16"	116.60	111.53	106.46	101.39
	25821		.4219	27/64"	10.716	4-1/2"	2-11/16"	135.79	129.89	123.98	118.08
		26821	.4219	27/64"	10.716	5-7/16"	3-7/16"	171.73	164.26	156.80	149.33
22470			.4331		11.000	95	46	125.15	119.71	114.27	108.83
	25826		.4331		11.000	115	68	140.68	134.56	128.45	122.33
		26826	.4331		11.000	135	88	178.38	170.62	162.87	155.11
22475			.4375	7/16"	11.113	3-3/4"	1-13/16"	125.15	119.71	114.27	108.83
	25831		.4375	7/16"	11.113	4-3/4"	2-13/16"	143.52	137.28	131.04	124.80
		26831	.4375	7/16"	11.113	5-7/16"	3-7/16"	182.18	174.26	166.34	158.42
22480			.4528		11.500	95	46	134.35	128.51	122.67	116.83
	25836		.4528		11.500	120	71	148.65	142.19	135.72	129.26
		26836	.4528		11.500	140	91	188.66	180.46	172.25	164.05
22485			.4531	29/64"	11.509	3-3/4"	1-13/16"	134.35	128.51	122.67	116.83
	25841		.4531	29/64"	11.509	4-3/4"	2-7/8"	153.73	147.05	140.36	133.68
		26841	.4531	29/64"	11.509	5-9/16"	3-13/16"	194.56	186.10	177.64	169.18
22490			.4688	15/32"	11.908	4"	1-15/16"	141.16	135.03	128.89	122.75
	25846		.4688	15/32"	11.908	4-3/4"	2-7/8"	157.24	150.40	143.57	136.73
		26846	.4688	15/32"	11.908	5-9/16"	3-13/16"	199.42	190.75	182.08	173.41
22495			.4724		12.000	102	49	141.59	135.43	129.28	123.12
	25851		.4724		12.000	120	73	160.62	153.64	146.65	139.67
		26851	.4724		12.000	140	98	204.55	195.66	186.76	177.87
22500			.4844	31/64"	12.304	4"	1-15/16"	150.24	143.70	137.17	130.64
	25856		.4844	31/64"	12.304	5-5/16"	3"	167.58	160.29	153.01	145.72
		26856	.4844	31/64"	12.304	5-9/16"	3-13/16"	209.86	200.74	191.61	182.49
22505			.4921		12.500	102	49	158.36	151.47	144.59	137.70
	25861		.4921		12.500	135	76	179.87	172.05	164.23	156.41
		26861	.4921		12.500	150	102	211.03	201.85	192.68	183.50

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

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

HIGH PERFORMANCE
DRILLS

3xD (1580KH) EDP#	5xD (1280KH) EDP#	7xD (1880KH) EDP#	d^+ Diameter		l_1 Overall Length	l_2 Flute Length	1-11	12-24	25-49	50-100	
			Decimal	Metric							
22510			.5000	1/2"	12.700	4"	1-15/16"	159.36	152.43	145.50	138.57
	25866		.5000	1/2"	12.700	5-3/8"	3-1/16"	181.57	173.68	165.78	157.89
		26866	.5000	1/2"	12.700	6"	4"	211.78	202.58	193.37	184.16
22515			.5118		13.000	107	53	176.88	169.19	161.50	153.81
	25871		.5118		13.000	135	78	205.92	196.97	188.01	179.06
		26871	.5118		13.000	150	102	221.72	212.08	202.44	192.80
22520			.5156	33/64"	13.096	4-7/32"	2-3/32"	181.07	173.20	165.32	157.45
	25876		.5156	33/64"	13.096	5-3/8"	3-1/8"	214.62	205.29	195.96	186.63
		26876	.5156	33/64"	13.096	6"	4"	231.05	221.00	210.96	200.91
22525			.5312	17/32"	13.492	4-7/32"	2-3/32"	185.22	177.17	169.11	161.06
	25881		.5312	17/32"	13.492	5-11/16"	3-5/16"	218.09	208.60	199.12	189.64
		26881	.5312	17/32"	13.492	6-1/8"	4-1/8"	234.80	224.59	214.38	204.17
22530			.5315		13.500	110	56	189.41	181.17	172.94	164.70
	25886		.5315		13.500	145	84	221.46	211.83	202.20	192.57
		26886	.5315		13.500	155	105	238.43	228.06	217.70	207.33
22535			.5469	35/64"	13.891	4-5/16"	2-7/32"	193.55	185.13	176.72	168.30
	25891		.5469	35/64"	13.891	5-13/16"	3-3/8"	233.59	223.43	213.28	203.12
		26891	.5469	35/64"	13.891	6-1/8"	4-1/8"	245.88	235.19	224.50	213.81
22540			.5512		14.000	110	56	197.74	189.15	180.55	171.95
	25896		.5512		14.000	145	86	237.02	226.71	216.41	206.10
		26896	.5512		14.000	155	105	249.50	238.66	227.81	216.96
22545			.5625	9/16"	14.288	4-9/16"	2-15/32"	218.93	209.41	199.89	190.37
	25901		.5625	9/16"	14.288	5-15/16"	3-1/2"	255.35	244.24	233.14	222.04
		26901	.5625	9/16"	14.288	6-1/4"	4-3/8"	269.38	257.66	245.95	234.24
22550			.5709		14.500	116	63	223.05	213.36	203.66	193.96
	25906		.5709		14.500	150	89	257.37	246.18	234.99	223.80
		26906	.5709		14.500	160	109	271.52	259.71	247.91	236.10
22555			.5781	37/64"	14.684	4-15/16"	2-9/16"	227.03	217.16	207.29	197.42
	25911		.5781	37/64"	14.684	6"	3-1/2"	258.07	246.85	235.63	224.41
		26911	.5781	37/64"	14.684	6-1/4"	4-3/8"	272.24	260.40	248.57	236.73
22560			.5906		15.000	125	65	231.21	221.16	211.10	201.05
	25916		.5906		15.000	150	90	261.43	250.06	238.70	227.33
		26916	.5906		15.000	160	112	275.78	263.79	251.80	239.81
22565			.5938	19/32"	15.083	4-15/16"	2-9/16"	232.47	222.37	212.26	202.15
	25921		.5938	19/32"	15.083	6"	3-9/16"	268.24	256.58	244.91	233.25
		26921	.5938	19/32"	15.083	6-3/8"	4-3/8"	282.95	270.64	258.34	246.04
22570			.6094	39/64"	15.479	5-1/16"	2-13/16"	233.62	223.47	213.31	203.15
	25926		.6094	39/64"	15.479	6-3/16"	3-11/16"	301.88	288.75	275.63	262.50
		26926	.6094	39/64"	15.479	6-7/16"	4-7/16"	318.40	304.56	290.71	276.87
22575			.6102		15.500	129	71	234.84	224.63	214.42	204.21
	25931		.6102		15.500	160	94	302.70	289.54	276.38	263.22
		26931	.6102		15.500	165	113	319.30	305.42	291.53	277.65
22580			.6250	5/8"	15.875	5-1/4"	3-1/8"	236.00	225.74	215.48	205.22
	25936		.6250	5/8"	15.875	6-5/16"	3-3/4"	311.05	297.53	284.00	270.48
		26936	.6250	5/8"	15.875	6-9/16"	4-9/16"	328.14	313.87	299.61	285.34
22585			.6299		16.000	133	79	241.72	231.21	220.70	210.19
	25941		.6299		16.000	160	95	315.13	301.43	287.73	274.03
		26941	.6299		16.000	165	117	332.44	317.99	303.53	289.08