

TOLERANCES

d	+.0000" - .0005" (+.0000 - .0127mm)	
l_1	$\leq 1/8"$	+.125" - .062" (+3.175 - 1.588mm)
	$> 1/8"$	+.125" - .125" (+3.175 - 3.175mm)
l_2	$\leq 1/8"$	+.125" - .062" (+3.175 - 1.588mm)
	$> 1/8"$	+.125" - .125" (+3.175 - 3.175mm)



TECH
PAGES
328-329

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

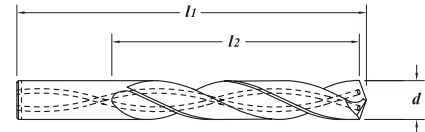
Extended tool life and greater surface finish through faster SFM rates

Up to 70% faster than standard carbide drills

30° helix for better chip evacuation

Honed cutting edge

Live tooling recommended on lathe processes



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						
22010	25366		.1181		3.000	46	16	42.18	40.35	38.51	36.68
			.1181		3.000	50	19	46.66	44.63	42.60	40.57
		26366	.1181		3.000	65	28	52.06	49.80	47.53	45.27
22015			.1200	#31	3.048	1-13/16"	5/8"	42.63	40.78	38.92	37.07
	25371		.1200	#31	3.048	2"	3/4"	47.02	44.98	42.93	40.89
		26371	.1200	#31	3.048	2-1/2"	1-1/8"	52.50	50.22	47.93	45.65
22020			.1250	1/8"	3.175	1-15/16"	11/16"	42.99	41.12	39.25	37.38
	25376		.1250	1/8"	3.175	2"	3/4"	47.41	45.35	43.29	41.23
		26376	.1250	1/8"	3.175	2-1/2"	1-1/8"	52.91	50.61	48.31	46.01
22025			.1285	#30	3.264	1-15/16"	11/16"	43.38	41.49	39.61	37.72
	25381		.1285	#30	3.264	2-1/4"	3/4"	47.83	45.75	43.67	41.59
		26381	.1285	#30	3.264	2-1/2"	1-1/8"	53.39	51.07	48.75	46.43
22030			.1360	#29	3.454	2-1/16"	3/4"	43.78	41.88	39.97	38.07
	25386		.1360	#29	3.454	2-1/4"	7/8"	48.19	46.09	44.00	41.90
		26386	.1360	#29	3.454	3"	1-1/4"	53.77	51.44	49.10	46.76
22035			.1378		3.500	52	19	44.23	42.31	40.38	38.46
	25391		.1378		3.500	57	22	48.55	46.44	44.33	42.22
		26391	.1378		3.500	75	32	54.20	51.84	49.49	47.13
22040			.1405	#28	3.569	2-1/16"	3/4"	44.63	42.69	40.75	38.81
	25396		.1405	#28	3.569	2-1/4"	7/8"	48.96	46.83	44.70	42.57
		26396	.1405	#28	3.569	3"	1-1/4"	54.64	52.26	49.89	47.51
22045			.1406	9/64"	3.571	2-1/16"	3/4"	45.02	43.07	41.11	39.15
	25401		.1406	9/64"	3.571	2-1/4"	7/8"	49.38	47.23	45.09	42.94
		26401	.1406	9/64"	3.571	3"	1-1/4"	55.10	52.70	50.31	47.91
22050			.1440	#27	3.658	2-1/16"	3/4"	45.43	43.45	41.48	39.50
	25406		.1440	#27	3.658	2-1/4"	7/8"	49.70	47.54	45.38	43.22
		26406	.1440	#27	3.658	3"	1-3/8"	55.48	53.06	50.65	48.24
22055			.1470	#26	3.734	2-3/16"	13/16"	45.77	43.78	41.79	39.80
	25411		.1470	#26	3.734	2-1/4"	7/8"	50.13	47.95	45.77	43.59
		26411	.1470	#26	3.734	3"	1-3/8"	55.94	53.50	51.07	48.64
22060			.1495	#25	3.797	2-3/16"	13/16"	46.24	44.23	42.22	40.21
	25416		.1495	#25	3.797	2-1/4"	15/16"	50.51	48.31	46.12	43.92
		26416	.1495	#25	3.797	3"	1-3/8"	56.37	53.92	51.47	49.02
22065			.1520	#24	3.861	2-3/16"	13/16"	46.62	44.59	42.57	40.54
	25421		.1520	#24	3.861	2-1/4"	15/16"	50.86	48.65	46.44	44.23
		26421	.1520	#24	3.861	3"	1-1/2"	56.76	54.30	51.83	49.36
22070			.1540	#23	3.912	2-3/16"	13/16"	47.02	44.98	42.93	40.89
	25426		.1540	#23	3.912	2-1/4"	15/16"	51.29	49.06	46.83	44.60
		26426	.1540	#23	3.912	3"	1-1/2"	57.24	54.75	52.26	49.77

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"	47.40	45.34	43.28	41.22
	25431		.1562	5/32"	3.967	2-1/2"	15/16"	51.66	49.41	47.17	44.92
		26431	.1562	5/32"	3.967	3"	1-1/2"	57.65	55.14	52.64	50.13
22080			.1570	#22	3.988	2-3/16"	13/16"	47.83	45.75	43.67	41.59
	25436		.1570	#22	3.988	2-1/2"	15/16"	52.01	49.75	47.49	45.23
		26436	.1570	#22	3.988	3"	1-1/2"	58.05	55.53	53.00	50.48
22085			.1575		4.000	56	21	48.21	46.11	44.02	41.92
	25441		.1575		4.000	65	24	52.43	50.15	47.87	45.59
		26441	.1575		4.000	75	38	58.50	55.96	53.41	50.87
22090			.1590	#21	4.039	2-3/16"	13/16"	48.66	46.54	44.43	42.31
	25446		.1590	#21	4.039	2-1/2"	15/16"	52.79	50.49	48.20	45.90
		26446	.1590	#21	4.039	3"	1-1/2"	58.88	56.32	53.76	51.20
22095			.1610	#20	4.089	2-3/16"	13/16"	49.05	46.92	44.78	42.65
	25451		.1610	#20	4.089	2-1/2"	15/16"	53.19	50.88	48.56	46.25
		26451	.1610	#20	4.089	3"	1-1/2"	59.34	56.76	54.18	51.60
22100			.1660	#19	4.216	2-9/32"	15/16"	49.47	47.32	45.17	43.02
	25456		.1660	#19	4.216	2-1/2"	1"	53.59	51.26	48.93	46.60
		26456	.1660	#19	4.216	3"	1-1/2"	59.80	57.20	54.60	52.00
22105			.1695	#18	4.305	2-9/32"	15/16"	49.88	47.71	45.54	43.37
	25461		.1695	#18	4.305	2-1/2"	1"	53.98	51.63	49.29	46.94
		26461	.1695	#18	4.305	3-1/2"	1-3/4"	60.20	57.59	54.97	52.35
22110			.1719	11/64"	4.366	2-9/32"	15/16"	50.28	48.09	45.91	43.72
	25466		.1719	11/64"	4.366	2-1/2"	1"	54.35	51.99	49.62	47.26
		26466	.1719	11/64"	4.366	3-1/2"	1-3/4"	60.63	57.99	55.36	52.72
22115			.1730	#17	4.394	2-9/32"	15/16"	50.69	48.49	46.28	44.08
	25471		.1730	#17	4.394	2-1/2"	1"	54.71	52.33	49.95	47.57
		26471	.1730	#17	4.394	3-1/2"	1-3/4"	61.03	58.38	55.72	53.07
22120			.1770	#16	4.496	2-9/32"	15/16"	51.04	48.82	46.60	44.38
	25476		.1770	#16	4.496	2-1/2"	1"	55.11	52.71	50.32	47.92
		26476	.1770	#16	4.496	3-1/2"	1-3/4"	61.51	58.84	56.16	53.49
22125			.1772		4.500	58	24	51.49	49.25	47.01	44.77
	25481		.1772		4.500	65	25	55.52	53.11	50.69	48.28
		26481	.1772		4.500	88	45	61.95	59.26	56.56	53.87
22130			.1800	#15	4.572	2-9/32"	15/16"	51.81	49.56	47.30	45.05
	25486		.1800	#15	4.572	2-3/4"	1"	55.89	53.46	51.03	48.60
		26486	.1800	#15	4.572	3-1/2"	1-3/4"	62.35	59.64	56.93	54.22
22135			.1820	#14	4.623	2-9/32"	15/16"	52.31	50.04	47.76	45.49
	25491		.1820	#14	4.623	2-3/4"	1"	56.25	53.80	51.36	48.91
		26491	.1820	#14	4.623	3-1/2"	1-3/4"	62.76	60.03	57.30	54.57
22140			.1850	#13	4.699	2-9/32"	15/16"	52.68	50.39	48.10	45.81
	25496		.1850	#13	4.699	2-3/4"	1-1/4"	56.65	54.19	51.72	49.26
		26496	.1850	#13	4.699	3-1/2"	1-3/4"	63.20	60.46	57.71	54.96
22145			.1875	3/16"	4.763	2-13/32"	1"	53.11	50.80	48.49	46.18
	25501		.1875	3/16"	4.763	2-3/4"	1-1/4"	57.06	54.58	52.10	49.62
		26501	.1875	3/16"	4.763	4"	2"	63.69	60.92	58.15	55.38
22150			.1890	#12	4.801	2-13/32"	1"	53.49	51.16	48.84	46.51
	25506		.1890	#12	4.801	2-3/4"	1-1/4"	57.42	54.92	52.43	49.93
		26506	.1890	#12	4.801	4"	2"	64.07	61.28	58.50	55.71
22155			.1910	#11	4.851	2-13/32"	1"	53.98	51.63	49.29	46.94
	25511		.1910	#11	4.851	2-3/4"	1-1/4"	57.79	55.28	52.76	50.25
		26511	.1910	#11	4.851	4"	2"	64.49	61.69	58.88	56.08
22160			.1935	#10	4.915	2-13/32"	1"	54.29	51.93	49.57	47.21
	25516		.1935	#10	4.915	2-3/4"	1-1/4"	58.22	55.69	53.16	50.63
		26516	.1935	#10	4.915	4"	2"	64.94	62.12	59.29	56.47

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"	54.69	52.32	49.94	47.56
	25521		.1960	#9	4.978	3"	1-5/16"	58.56	56.01	53.47	50.92
		26521	.1960	#9	4.978	4"	2"	65.32	62.48	59.64	56.80
22170			.1969		5.000	61	25	55.00	52.61	50.22	47.83
	25526		.1969		5.000	75	33	58.96	56.40	53.83	51.27
		26526	.1969		5.000	100	50	65.78	62.92	60.06	57.20
22175			.1990	#8	5.055	2-13/32"	1"	55.51	53.10	50.68	48.27
	25531		.1990	#8	5.055	3"	1-5/16"	59.26	56.68	54.11	51.53
		26531	.1990	#8	5.055	4"	2"	66.11	63.24	60.36	57.49
22180			.2010	#7	5.105	2-13/32"	1"	55.67	53.25	50.83	48.41
	25536		.2010	#7	5.105	3"	1-5/16"	59.52	56.94	54.35	51.76
		26536	.2010	#7	5.105	4"	2"	66.41	63.53	60.64	57.75
22185			.2031	13/64"	5.159	2-13/32"	1"	56.04	53.60	51.17	48.73
	25541		.2031	13/64"	5.159	3"	1-5/16"	59.96	57.35	54.75	52.14
		26541	.2031	13/64"	5.159	4"	2"	66.91	64.00	61.09	58.18
22190			.2040	#6	5.182	2-13/32"	1"	56.43	53.98	51.52	49.07
	25546		.2040	#6	5.182	3"	1-3/8"	60.41	57.78	55.16	52.53
		26546	.2040	#6	5.182	4"	2"	67.39	64.46	61.53	58.60
22195			.2055	#5	5.220	2-13/32"	1"	56.82	54.35	51.88	49.41
	25551		.2055	#5	5.220	3"	1-3/8"	60.80	58.16	55.51	52.87
		26551	.2055	#5	5.220	4"	2"	67.85	64.90	61.95	59.00
22200			.2090	#4	5.309	2-13/32"	1"	57.19	54.70	52.22	49.73
	25556		.2090	#4	5.309	3"	1-3/8"	61.23	58.56	55.90	53.24
		26556	.2090	#4	5.309	4"	2"	68.30	65.33	62.36	59.39
22205			.2130	#3	5.410	2-5/8"	1-3/32"	57.57	55.07	52.56	50.06
	25561		.2130	#3	5.410	3"	1-3/8"	61.62	58.94	56.26	53.58
		26561	.2130	#3	5.410	4"	2"	68.76	65.77	62.78	59.79
22210			.2165		5.500	67	28	57.94	55.42	52.90	50.38
	25566		.2165		5.500	75	35	62.00	59.30	56.61	53.91
		26566	.2165		5.500	100	50	69.17	66.17	63.16	60.15
22215			.2188	7/32"	5.558	2-5/8"	1-3/32"	58.42	55.88	53.34	50.80
	25571		.2188	7/32"	5.558	3"	1-3/8"	62.13	59.43	56.73	54.03
		26571	.2188	7/32"	5.558	4"	2"	69.59	66.56	63.54	60.51
22220			.2210	#2	5.613	2-5/8"	1-3/32"	58.83	56.28	53.72	51.16
	25576		.2210	#2	5.613	3"	1-3/8"	63.19	60.45	57.70	54.95
		26576	.2210	#2	5.613	4"	2"	70.68	67.61	64.53	61.46
22225			.2280	#1	5.791	2-5/8"	1-3/32"	59.27	56.69	54.12	51.54
	25581		.2280	#1	5.791	3"	1-3/8"	63.42	60.67	57.91	55.15
		26581	.2280	#1	5.791	4-1/8"	2-1/8"	80.98	77.46	73.94	70.42
22230			.2340	A	5.944	2-5/8"	1-3/32"	59.70	57.10	54.51	51.91
	25586		.2340	A	5.944	3-1/4"	1-1/2"	71.17	68.08	64.98	61.89
		26586	.2340	A	5.944	4-1/8"	2-1/8"	85.50	81.79	78.07	74.35
22235			.2344	15/64"	5.954	2-5/8"	1-3/32"	60.13	57.52	54.90	52.29
	25591		.2344	15/64"	5.954	3-1/4"	1-1/2"	71.30	68.20	65.10	62.00
		26591	.2344	15/64"	5.954	4-1/8"	2-1/8"	85.63	81.91	78.18	74.46
22240			.2362		6.000	67	28	60.57	57.94	55.30	52.67
	25596		.2362		6.000	80	38	71.50	68.39	65.28	62.17
		26596	.2362		6.000	105	55	85.82	82.09	78.36	74.63
22245			.2380	B	6.045	2-3/4"	1-7/32"	63.97	61.19	58.41	55.63
	25601		.2380	B	6.045	3-1/4"	1-5/8"	73.76	70.55	67.35	64.14
		26601	.2380	B	6.045	4-1/8"	2-1/8"	89.07	85.20	81.32	77.45
22250			.2420	C	6.147	2-3/4"	1-7/32"	64.50	61.70	58.89	56.09
	25606		.2420	C	6.147	3-1/4"	1-5/8"	74.11	70.88	67.66	64.44
		26606	.2420	C	6.147	4-1/4"	2-1/4"	89.41	85.53	81.64	77.75

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	1-11	12-24	25-49	50-100
			Decimal		Metric						
22255			.2460	D	6.248	2-3/4"	1-7/32"	64.86	62.04	59.22	56.40
	25611		.2460	D	6.248	3-1/4"	1-5/8"	74.43	71.19	67.96	64.72
		26611	.2460	D	6.248	4-1/4"	2-1/4"	89.75	85.84	81.94	78.04
22260			.2500	1/4" / E	6.350	2-3/4"	1-7/32"	65.40	62.56	59.71	56.87
	25616		.2500	1/4" / E	6.350	3-1/4"	1-5/8"	74.75	71.50	68.25	65.00
		26616	.2500	1/4" / E	6.350	4-1/4"	2-1/4"	90.07	86.15	82.24	78.32
22265			.2559		6.500	70	31	66.47	63.58	60.69	57.80
	25621		.2559		6.500	80	41	75.67	72.38	69.09	65.80
		26621	.2559		6.500	105	58	91.01	87.05	83.10	79.14
22270			.2570	F	6.528	2-3/4"	1-7/32"	67.49	64.56	61.62	58.69
	25626		.2570	F	6.528	3-1/4"	1-11/16"	77.42	74.05	70.69	67.32
		26626	.2570	F	6.528	4-3/8"	2-3/8"	94.51	90.40	86.29	82.18
22275			.2610	G	6.629	2-3/4"	1-7/32"	68.52	65.54	62.56	59.58
	25631		.2610	G	6.629	3-1/2"	1-11/16"	78.37	74.97	71.56	68.15
		26631	.2610	G	6.629	4-3/8"	2-3/8"	95.48	91.33	87.18	83.03
22280			.2656	17/64"	6.746	2-15/16"	1-11/32"	69.58	66.55	63.53	60.50
	25636		.2656	17/64"	6.746	3-1/2"	1-11/16"	79.28	75.83	72.39	68.94
		26636	.2656	17/64"	6.746	4-3/8"	2-3/8"	96.40	92.21	88.02	83.83
22285			.2660	H	6.756	2-15/16"	1-11/32"	70.60	67.53	64.46	61.39
	25641		.2660	H	6.756	3-1/2"	1-11/16"	80.22	76.74	73.25	69.76
		26641	.2660	H	6.756	4-3/8"	2-3/8"	97.42	93.18	88.95	84.71
22290			.2720	I	6.909	2-15/16"	1-11/32"	71.63	68.52	65.40	62.29
	25646		.2720	I	6.909	3-1/2"	1-11/16"	80.33	76.84	73.34	69.85
		26646	.2720	I	6.909	4-3/8"	2-3/8"	97.51	93.27	89.03	84.79
22295			.2756		7.000	75	34	72.67	69.51	66.35	63.19
	25651		.2756		7.000	88	43	81.24	77.70	74.17	70.64
		26651	.2756		7.000	110	61	98.44	94.16	89.88	85.60
22300			.2770	J	7.036	2-15/16"	1-11/32"	73.67	70.47	67.26	64.06
	25656		.2770	J	7.036	3-1/2"	1-11/16"	85.34	81.63	77.92	74.21
		26656	.2770	J	7.036	4-3/8"	2-3/8"	103.42	98.92	94.43	89.93
22305			.2810	K	7.137	2-15/16"	1-11/32"	74.77	71.52	68.27	65.02
	25661		.2810	K	7.137	3-1/2"	1-3/4"	86.30	82.54	78.79	75.04
		26661	.2810	K	7.137	4-7/16"	2-7/16"	104.40	99.86	95.32	90.78
22310			.2812	9/32"	7.142	2-15/16"	1-11/32"	75.81	72.51	69.22	65.92
	25666		.2812	9/32"	7.142	3-1/2"	1-3/4"	87.23	83.44	79.64	75.85
		26666	.2812	9/32"	7.142	4-7/16"	2-7/16"	105.36	100.78	96.20	91.62
22315			.2900	L	7.366	2-15/16"	1-11/32"	76.82	73.48	70.14	66.80
	25671		.2900	L	7.366	3-1/2"	1-3/4"	87.62	83.81	80.00	76.19
		26671	.2900	L	7.366	4-7/16"	2-7/16"	105.77	101.17	96.57	91.97
22320			.2950	M	7.493	2-15/16"	1-11/32"	78.30	74.90	71.49	68.09
	25676		.2950	M	7.493	3-3/4"	1-3/4"	88.14	84.30	80.47	76.64
		26676	.2950	M	7.493	4-7/16"	2-7/16"	106.28	101.66	97.04	92.42
22325			.2953		7.500	75	34	78.30	74.90	71.49	68.09
	25681		.2953		7.500	95	44	88.14	84.30	80.47	76.64
		26681	.2953		7.500	115	66	106.28	101.66	97.04	92.42
22330			.2969	19/64"	7.541	3-3/32"	1-15/32"	78.97	75.54	72.10	68.67
	25686		.2969	19/64"	7.541	3-3/4"	1-7/8"	94.15	90.06	85.96	81.87
		26686	.2969	19/64"	7.541	4-9/16"	2-9/16"	114.75	109.76	104.77	99.78
22335			.3020	N	7.671	3-3/32"	1-15/32"	82.55	78.96	75.37	71.78
	25691		.3020	N	7.671	3-3/4"	1-7/8"	96.27	92.08	87.90	83.71
		26691	.3020	N	7.671	4-9/16"	2-9/16"	116.97	111.88	106.80	101.71
22340			.3125	5/16"	7.938	3-3/32"	1-15/32"	82.83	79.23	75.63	72.03
	25696		.3125	5/16"	7.938	3-3/4"	1-7/8"	96.49	92.29	88.10	83.90
		26696	.3125	5/16"	7.938	4-11/16"	2-9/16"	117.17	112.08	106.98	101.89

TOLERANCES

d	+.0000" - .0005" (+.0000 - .0127mm)	
l_1	$\leq 1/8"$	+.125" - .062" (+3.175 - 1.588mm)
	$> 1/8"$	+.125" - .125" (+3.175 - 3.175mm)
l_2	$\leq 1/8"$	+.125" - .062" (+3.175 - 1.588mm)
	$> 1/8"$	+.125" - .125" (+3.175 - 3.175mm)



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

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

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



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						
22345			.3150	8.000	79	37	84.39	80.72	77.05	73.38
	25701		.3150	8.000	95	48	100.54	96.17	91.80	87.43
		26701	.3150	8.000	120	69	121.37	116.09	110.82	105.54
22350			.3160	O 8.026	3-3/32"	1-15/32"	84.39	80.72	77.05	73.38
	25706		.3160	O 8.026	3-3/4"	1-7/8"	101.46	97.05	92.64	88.23
		26706	.3160	O 8.026	4-11/16"	2-11/16"	123.42	118.05	112.69	107.32
22355			.3230	P 8.204	3-3/32"	1-15/32"	85.00	81.30	77.61	73.91
	25711		.3230	P 8.204	3-3/4"	2-3/32"	101.73	97.31	92.88	88.46
		26711	.3230	P 8.204	4-11/16"	2-11/16"	123.68	118.31	112.93	107.55
22360			.3281	21/64" 8.334	3-3/32"	1-15/32"	86.60	82.83	79.07	75.30
	25716		.3281	21/64" 8.334	4"	2-3/32"	102.40	97.94	93.49	89.04
		26716	.3281	21/64" 8.334	4-11/16"	2-11/16"	124.37	118.97	113.56	108.15
22365			.3320	Q 8.433	3-3/32"	1-15/32"	88.14	84.30	80.47	76.64
	25721		.3320	Q 8.433	4"	2-3/32"	102.98	98.51	94.03	89.55
		26721	.3320	Q 8.433	4-15/16"	2-15/16"	124.99	119.56	114.12	108.69
22370			.3346	8.500	79	37	88.49	84.65	80.80	76.95
	25726		.3346	8.500	100	53	103.52	99.02	94.52	90.02
		26726	.3346	8.500	125	75	125.53	120.08	114.62	109.16
22375			.3390	R 8.611	3-5/16"	1-9/16"	90.87	86.92	82.97	79.02
	25731		.3390	R 8.611	4"	2-3/32"	106.92	102.27	97.62	92.97
		26731	.3390	R 8.611	4-15/16"	2-15/16"	131.47	125.75	120.04	114.32
22380			.3438	11/32" 8.733	3-5/16"	1-9/16"	92.87	88.84	84.80	80.76
	25736		.3438	11/32" 8.733	4"	2-3/16"	109.55	104.79	100.02	95.26
		26736	.3438	11/32" 8.733	4-15/16"	2-15/16"	134.26	128.43	122.59	116.75
22385			.3480	S 8.839	3-5/16"	1-9/16"	95.94	91.77	87.60	83.43
	25741		.3480	S 8.839	4"	2-3/16"	112.03	107.16	102.29	97.42
		26741	.3480	S 8.839	5"	3"	136.82	130.87	124.92	118.97
22390			.3543	9.000	84	40	98.39	94.12	89.84	85.56
	25746		.3543	9.000	100	56	112.49	107.60	102.71	97.82
		26746	.3543	9.000	125	77	137.32	131.35	125.38	119.41
22395			.3580	T 9.093	3-5/16"	1-9/16"	102.26	97.81	93.37	88.92
	25751		.3580	T 9.093	4-1/4"	2-9/32"	114.62	109.64	104.65	99.67
		26751	.3580	T 9.093	5"	3"	144.35	138.07	131.80	125.52
22400			.3594	23/64" 9.129	3-5/16"	1-9/16"	102.88	98.41	93.93	89.46
	25756		.3594	23/64" 9.129	4-1/4"	2-9/32"	115.06	110.06	105.05	100.05
		26756	.3594	23/64" 9.129	5"	3"	144.85	138.56	132.26	125.96
22405			.3680	U 9.347	3-5/16"	1-9/16"	104.43	99.89	95.35	90.81
	25761		.3680	U 9.347	4-1/4"	2-9/32"	121.96	116.66	111.35	106.05
		26761	.3680	U 9.347	5"	3"	153.26	146.60	139.93	133.27
22410			.3740	9.500	84	40	105.27	100.69	96.12	91.54
	25766		.3740	9.500	105	58	122.56	117.23	111.90	106.57
		26766	.3740	9.500	130	80	154.22	147.51	140.81	134.10
22415			.3750	3/8" 9.525	3-1/2"	1-11/16"	105.92	101.31	96.71	92.10
	25771		.3750	3/8" 9.525	4-1/4"	2-3/8"	125.59	120.13	114.67	109.21
		26771	.3750	3/8" 9.525	5-1/8"	3-1/8"	158.29	151.40	144.52	137.64

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"	109.99	105.20	100.42	95.64
	25776		.3770	V	9.576	4-1/4"	2-3/8"	126.01	120.53	115.05	109.57
		26776	.3770	V	9.576	5-1/8"	3-1/8"	160.78	153.79	146.80	139.81
22425			.3860	W	9.804	3-1/2"	1-11/16"	111.91	107.04	102.18	97.31
	25781		.3860	W	9.804	4-1/2"	2-3/8"	127.39	121.85	116.31	110.77
		26781	.3860	W	9.804	5-1/8"	3-1/8"	161.33	154.32	147.30	140.29
22430			.3906	25/64"	9.921	3-1/2"	1-11/16"	113.31	108.38	103.46	98.53
	25786		.3906	25/64"	9.921	4-1/2"	2-3/8"	128.34	122.76	117.18	111.60
		26786	.3906	25/64"	9.921	5-1/4"	3-1/4"	162.31	155.25	148.20	141.14
22435			.3937		10.000	89	43	113.71	108.77	103.82	98.88
	25791		.3937		10.000	115	60	129.51	123.88	118.25	112.62
		26791	.3937		10.000	135	83	165.51	158.31	151.12	143.92
22440			.3970	X	10.084	3-1/2"	1-11/16"	114.71	109.73	104.74	99.75
	25796		.3970	X	10.084	4-1/2"	2-1/2"	133.92	128.10	122.27	116.45
		26796	.3970	X	10.084	5-1/4"	3-1/4"	169.20	161.84	154.49	147.13
22445			.4040	Y	10.262	3-1/2"	1-11/16"	115.49	110.47	105.45	100.43
	25801		.4040	Y	10.262	4-1/2"	2-9/16"	134.52	128.67	122.82	116.97
		26801	.4040	Y	10.262	5-3/8"	3-3/8"	172.55	165.04	157.54	150.04
22450			.4062	13/32"	10.317	3-1/2"	1-11/16"	119.04	113.86	108.69	103.51
	25806		.4062	13/32"	10.317	4-1/2"	2-9/16"	137.10	131.14	125.18	119.22
		26806	.4062	13/32"	10.317	5-3/8"	3-3/8"	173.52	165.98	158.43	150.89
22455			.4130	Z	10.490	3-1/2"	1-11/16"	120.14	114.92	109.69	104.47
	25811		.4130	Z	10.490	4-1/2"	2-5/8"	139.25	133.20	127.14	121.09
		26811	.4130	Z	10.490	5-3/8"	3-3/8"	176.40	168.73	161.06	153.39
22460			.4134		10.500	89	43	120.14	114.92	109.69	104.47
	25816		.4134		10.500	115	67	139.25	133.20	127.14	121.09
		26816	.4134		10.500	135	86	176.40	168.73	161.06	153.39
22465			.4219	27/64"	10.716	3-3/4"	1-13/16"	121.27	116.00	110.72	105.45
	25821		.4219	27/64"	10.716	4-1/2"	2-11/16"	141.22	135.08	128.94	122.80
		26821	.4219	27/64"	10.716	5-7/16"	3-7/16"	178.60	170.83	163.07	155.30
22470			.4331		11.000	95	46	130.16	124.50	118.84	113.18
	25826		.4331		11.000	115	68	146.30	139.94	133.58	127.22
		26826	.4331		11.000	135	88	185.51	177.44	169.38	161.31
22475			.4375	7/16"	11.113	3-3/4"	1-13/16"	130.16	124.50	118.84	113.18
	25831		.4375	7/16"	11.113	4-3/4"	2-13/16"	149.26	142.77	136.28	129.79
		26831	.4375	7/16"	11.113	5-7/16"	3-7/16"	189.47	181.24	173.00	164.76
22480			.4528		11.500	95	46	139.73	133.65	127.58	121.50
	25836		.4528		11.500	120	71	154.59	147.87	141.15	134.43
		26836	.4528		11.500	140	91	196.20	187.67	179.14	170.61
22485			.4531	29/64"	11.509	3-3/4"	1-13/16"	139.73	133.65	127.58	121.50
	25841		.4531	29/64"	11.509	4-3/4"	2-7/8"	159.88	152.93	145.98	139.03
		26841	.4531	29/64"	11.509	5-9/16"	3-13/16"	202.34	193.55	184.75	175.95
22490			.4688	15/32"	11.908	4"	1-15/16"	146.81	140.43	134.04	127.66
	25846		.4688	15/32"	11.908	4-3/4"	2-7/8"	163.53	156.42	149.31	142.20
		26846	.4688	15/32"	11.908	5-9/16"	3-13/16"	207.40	198.39	189.37	180.35
22495			.4724		12.000	102	49	147.25	140.84	134.44	128.04
	25851		.4724		12.000	120	73	167.05	159.79	152.52	145.26
		26851	.4724		12.000	140	98	212.73	203.48	194.23	184.98
22500			.4844	31/64"	12.304	4"	1-15/16"	156.25	149.46	142.66	135.87
	25856		.4844	31/64"	12.304	5-5/16"	3"	174.28	166.71	159.13	151.55
		26856	.4844	31/64"	12.304	5-9/16"	3-13/16"	218.26	208.77	199.28	189.79
22505			.4921		12.500	102	49	164.69	157.53	150.37	143.21
	25861		.4921		12.500	135	76	187.07	178.94	170.80	162.67
		26861	.4921		12.500	150	102	219.47	209.92	200.38	190.84

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"	165.73	158.52	151.32	144.11
	25866		.5000	1/2"	12.700	5-3/8"	3-1/16"	188.84	180.63	172.42	164.21
		26866	.5000	1/2"	12.700	6"	4"	220.26	210.68	201.11	191.53
22515			.5118		13.000	107	53	183.95	175.96	167.96	159.96
	25871		.5118		13.000	135	78	214.15	204.84	195.53	186.22
		26871	.5118		13.000	150	102	230.59	220.56	210.54	200.51
22520			.5156	33/64"	13.096	4-7/32"	2-3/32"	188.31	180.13	171.94	163.75
	25876		.5156	33/64"	13.096	5-3/8"	3-1/8"	223.22	213.51	203.81	194.10
		26876	.5156	33/64"	13.096	6"	4"	240.29	229.85	219.40	208.95
22525			.5312	17/32"	13.492	4-7/32"	2-3/32"	192.63	184.25	175.88	167.50
	25881		.5312	17/32"	13.492	5-11/16"	3-5/16"	226.81	216.95	207.09	197.23
		26881	.5312	17/32"	13.492	6-1/8"	4-1/8"	244.19	233.57	222.96	212.34
22530			.5315		13.500	110	56	196.98	188.42	179.85	171.29
	25886		.5315		13.500	145	84	230.31	220.30	210.28	200.27
		26886	.5315		13.500	155	105	247.96	237.18	226.40	215.62
22535			.5469	35/64"	13.891	4-5/16"	2-7/32"	201.28	192.53	183.78	175.03
	25891		.5469	35/64"	13.891	5-13/16"	3-3/8"	242.93	232.36	221.80	211.24
		26891	.5469	35/64"	13.891	6-1/8"	4-1/8"	255.71	244.60	233.48	222.36
22540			.5512		14.000	110	56	205.65	196.71	187.77	178.83
	25896		.5512		14.000	145	86	246.49	235.77	225.06	214.34
		26896	.5512		14.000	155	105	259.49	248.20	236.92	225.64
22545			.5625	9/16"	14.288	4-9/16"	2-15/32"	227.68	217.78	207.88	197.98
	25901		.5625	9/16"	14.288	5-15/16"	3-1/2"	265.56	254.01	242.47	230.92
		26901	.5625	9/16"	14.288	6-1/4"	4-3/8"	280.15	267.97	255.79	243.61
22550			.5709		14.500	116	63	231.98	221.89	211.81	201.72
	25906		.5709		14.500	150	89	267.66	256.03	244.39	232.75
		26906	.5709		14.500	160	109	282.37	270.09	257.82	245.54
22555			.5781	37/64"	14.684	4-15/16"	2-9/16"	236.12	225.85	215.59	205.32
	25911		.5781	37/64"	14.684	6"	3-1/2"	268.40	256.73	245.06	233.39
		26911	.5781	37/64"	14.684	6-1/4"	4-3/8"	283.13	270.82	258.51	246.20
22560			.5906		15.000	125	65	240.45	230.00	219.54	209.09
	25916		.5906		15.000	150	90	271.88	260.06	248.24	236.42
		26916	.5906		15.000	160	112	286.81	274.34	261.87	249.40
22565			.5938	19/32"	15.083	4-15/16"	2-9/16"	241.78	231.26	220.75	210.24
	25921		.5938	19/32"	15.083	6"	3-9/16"	278.97	266.84	254.71	242.58
		26921	.5938	19/32"	15.083	6-3/8"	4-3/8"	294.26	281.47	268.67	255.88
22570			.6094	39/64"	15.479	5-1/16"	2-13/16"	242.97	232.41	221.84	211.28
	25926		.6094	39/64"	15.479	6-3/16"	3-11/16"	313.95	300.30	286.65	273.00
		26926	.6094	39/64"	15.479	6-7/16"	4-7/16"	331.13	316.73	302.34	287.94
22575			.6102		15.500	129	71	244.24	233.62	223.00	212.38
	25931		.6102		15.500	160	94	314.81	301.13	287.44	273.75
		26931	.6102		15.500	165	113	332.07	317.64	303.20	288.76
22580			.6250	5/8"	15.875	5-1/4"	3-1/8"	245.44	234.77	224.10	213.43
	25936		.6250	5/8"	15.875	6-5/16"	3-3/4"	323.50	309.43	295.37	281.30
		26936	.6250	5/8"	15.875	6-9/16"	4-9/16"	341.26	326.43	311.59	296.75
22585			.6299		16.000	133	79	251.39	240.46	229.53	218.60
	25941		.6299		16.000	160	95	327.74	313.49	299.24	284.99
		26941	.6299		16.000	165	117	345.74	330.70	315.67	300.64