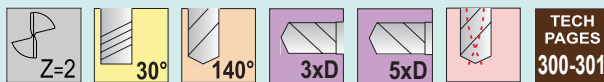


Series 1580KD, 1280KD

.1181" - .1654"
(3.000mm - 4.200mm)

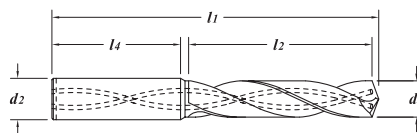


TOLERANCES		
d_1 *	3mm - 6mm	+0.016 +0.004mm (+0.00063" +0.00015")
	> 6mm - 10mm	+0.021 +0.006mm (+0.00082" +0.00023")
	> 10mm - 18mm	+0.025 +0.007mm (+0.00098" +0.00027")
	> 18mm - 20mm	+0.029 +0.008mm (+0.00114" +0.00031")
d_2	6mm	+0.000 -0.008mm (+0.00000" -0.00030")
	8mm - 10mm	+0.000 -0.009mm (+0.00000" -0.00035")
	12mm - 18mm	+0.000 -0.011mm (+0.00000" -0.00040")
	20mm	+0.000 -0.013mm (+0.00000" -0.00050")

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

TiAlN-based Coating

- High performance solid submicron grain carbide drill with reinforced shank
- Coolant through capabilities for high pressure coolant systems
- Up to 70% faster than standard carbide drills
- 30° helix for better chip evacuation
- Honed cutting edge
- Can be used as a pilot drill
- Live tooling recommended on lathe processes



* Note - These drills are made to a plus/plus tolerance on the drill diameter.
If you are in need of a minus tolerance drill, please refer to our other high performance drills.

	3xD (1580KD) EDP#	5xD (1280KD) EDP#	d_1 Diameter		d_2 Shank Diameter	l_1 Overall Length	l_2 Flute Length	l_4 Shank Length	1-11	12-24	25-49	50-100
			Decimal	Metric								
NEW	27995		.1181	3.000	6.0	62	20	36	55.46	53.05	50.64	48.23
NEW		25065	.1181	3.000	6.0	66	28	36	65.47	62.62	59.78	56.93
NEW	28005		.1220	3.100	6.0	62	20	36	55.46	53.05	50.64	48.23
NEW		25075	.1220	3.100	6.0	66	28	36	65.47	62.62	59.78	56.93
NEW	28015		.1248	3.170	6.0	62	20	36	55.46	53.05	50.64	48.23
NEW		25085	.1248	3.170	6.0	66	28	36	65.47	62.62	59.78	56.93
NEW	28025		.1260	3.200	6.0	62	20	36	55.46	53.05	50.64	48.23
NEW		25095	.1260	3.200	6.0	66	28	36	65.47	62.62	59.78	56.93
NEW	28035		.1280	3.250	6.0	62	20	36	55.46	53.05	50.64	48.23
NEW		25105	.1280	3.250	6.0	66	28	36	65.47	62.62	59.78	56.93
NEW	28045		.1299	3.300	6.0	62	20	36	55.46	53.05	50.64	48.23
NEW		25115	.1299	3.300	6.0	66	28	36	65.47	62.62	59.78	56.93
NEW	28055		.1339	3.400	6.0	62	20	36	55.46	53.05	50.64	48.23
NEW		25125	.1339	3.400	6.0	66	28	36	65.47	62.62	59.78	56.93
NEW	28065		.1378	3.500	6.0	62	20	36	55.46	53.05	50.64	48.23
NEW		25135	.1378	3.500	6.0	66	28	36	65.47	62.62	59.78	56.93
NEW	28075		.1417	3.600	6.0	62	20	36	55.46	53.05	50.64	48.23
NEW		25145	.1417	3.600	6.0	66	28	36	65.47	62.62	59.78	56.93
NEW	28085		.1457	3.700	6.0	62	20	36	55.46	53.05	50.64	48.23
NEW		25155	.1457	3.700	6.0	66	28	36	65.47	62.62	59.78	56.93
NEW	28095		.1476	3.750	6.0	62	20	36	55.46	53.05	50.64	48.23
NEW		25165	.1476	3.750	6.0	66	28	36	65.47	62.62	59.78	56.93
NEW	28105		.1496	3.800	6.0	66	24	36	55.46	53.05	50.64	48.23
NEW		25175	.1496	3.800	6.0	74	36	36	65.47	62.62	59.78	56.93
NEW	28115		.1535	3.900	6.0	66	24	36	55.46	53.05	50.64	48.23
NEW		25185	.1535	3.900	6.0	74	36	36	65.47	62.62	59.78	56.93
NEW	28125		.1563	3.970	6.0	66	24	36	55.46	53.05	50.64	48.23
NEW		25195	.1563	3.970	6.0	74	36	36	65.47	62.62	59.78	56.93
	28135		.1575	4.000	6.0	66	24	36	55.46	53.05	50.64	48.23
		25205	.1575	4.000	6.0	74	36	36	65.47	62.62	59.78	56.93
	28145		.1614	4.100	6.0	66	24	36	55.46	53.05	50.64	48.23
		25215	.1614	4.100	6.0	74	36	36	65.47	62.62	59.78	56.93
	28155		.1654	4.200	6.0	66	24	36	55.46	53.05	50.64	48.23
		25225	.1654	4.200	6.0	74	36	36	65.47	62.62	59.78	56.93

Series 1580KD, 1280KD (continued)

.1673" - .2500"
(4.250mm - 6.350mm)

HIGH PERFORMANCE
DRILLS

3xD (1580KD) EDP#	5xD (1280KD) EDP#	<i>d1</i> Diameter		<i>d2</i> Shank Diameter	<i>l1</i> Overall Length	<i>l2</i> Flute Length	<i>l4</i> Shank Length	1-11	12-24	25-49	50-100
		Decimal	Metric								
28165		.1673	4.250	6.0	66	24	36	55.46	53.05	50.64	48.23
	25235	.1673	4.250	6.0	74	36	36	65.47	62.62	59.78	56.93
28175		.1693	4.300	6.0	66	24	36	55.46	53.05	50.64	48.23
	25245	.1693	4.300	6.0	74	36	36	65.47	62.62	59.78	56.93
28185		.1732	4.400	6.0	66	24	36	55.46	53.05	50.64	48.23
	25255	.1732	4.400	6.0	74	36	36	65.47	62.62	59.78	56.93
28195		.1772	4.500	6.0	66	24	36	55.46	53.05	50.64	48.23
	25265	.1772	4.500	6.0	74	36	36	65.47	62.62	59.78	56.93
28205		.1811	4.600	6.0	66	24	36	55.46	53.05	50.64	48.23
	25275	.1811	4.600	6.0	74	36	36	65.47	62.62	59.78	56.93
	25285	.1831	4.650	6.0	74	36	36	65.47	62.62	59.78	56.93
28225		.1850	4.700	6.0	66	24	36	55.46	53.05	50.64	48.23
	25295	.1850	4.700	6.0	74	36	36	65.47	62.62	59.78	56.93
28235		.1870	4.750	6.0	66	24	36	55.46	53.05	50.64	48.23
	25305	.1870	4.750	6.0	74	36	36	65.47	62.62	59.78	56.93
28245		.1890	4.800	6.0	66	28	36	55.46	53.05	50.64	48.23
	25315	.1890	4.800	6.0	82	44	36	65.47	62.62	59.78	56.93
28255		.1929	4.900	6.0	66	28	36	55.46	53.05	50.64	48.23
	25325	.1929	4.900	6.0	82	44	36	65.47	62.62	59.78	56.93
28265		.1969	5.000	6.0	66	28	36	55.46	53.05	50.64	48.23
	25335	.1969	5.000	6.0	82	44	36	65.47	62.62	59.78	56.93
28275		.2008	5.100	6.0	66	28	36	55.46	53.05	50.64	48.23
	25345	.2008	5.100	6.0	82	44	36	65.47	62.62	59.78	56.93
28285		.2027	5.150	6.0	66	28	36	55.46	53.05	50.64	48.23
	25355	.2027	5.150	6.0	82	44	36	65.47	62.62	59.78	56.93
28295		.2047	5.200	6.0	66	28	36	55.46	53.05	50.64	48.23
	25365	.2047	5.200	6.0	82	44	36	65.47	62.62	59.78	56.93
28305		.2087	5.300	6.0	66	28	36	55.46	53.05	50.64	48.23
	25375	.2087	5.300	6.0	82	44	36	65.47	62.62	59.78	56.93
28315		.2165	5.500	6.0	66	28	36	55.46	53.05	50.64	48.23
	25385	.2165	5.500	6.0	82	44	36	65.47	62.62	59.78	56.93
28325		.2185	5.550	6.0	66	28	36	55.46	53.05	50.64	48.23
	25395	.2185	5.550	6.0	82	44	36	65.47	62.62	59.78	56.93
28335		.2205	5.600	6.0	66	28	36	55.46	53.05	50.64	48.23
	25397	.2205	5.600	6.0	82	44	36	65.47	62.62	59.78	56.93
28345		.2244	5.700	6.0	66	28	36	55.46	53.05	50.64	48.23
	25400	.2244	5.700	6.0	82	44	36	65.47	62.62	59.78	56.93
28355		.2283	5.800	6.0	66	28	36	55.46	53.05	50.64	48.23
	25405	.2283	5.800	6.0	82	44	36	65.47	62.62	59.78	56.93
28365		.2323	5.900	6.0	66	28	36	55.46	53.05	50.64	48.23
	25415	.2323	5.900	6.0	82	44	36	65.47	62.62	59.78	56.93
28375		.2342	5.950	6.0	66	28	36	55.46	53.05	50.64	48.23
	25425	.2342	5.950	6.0	82	44	36	65.47	62.62	59.78	56.93
28385		.2362	6.000	6.0	66	28	36	55.46	53.05	50.64	48.23
	25435	.2362	6.000	6.0	82	44	36	65.47	62.62	59.78	56.93
28395		.2402	6.100	8.0	79	34	36	77.28	73.92	70.56	67.20
	25437	.2402	6.100	8.0	91	53	36	92.07	88.07	84.06	80.06
28405		.2441	6.200	8.0	79	34	36	77.28	73.92	70.56	67.20
	25440	.2441	6.200	8.0	91	53	36	92.07	88.07	84.06	80.06
28415		.2480	6.300	8.0	79	34	36	77.28	73.92	70.56	67.20
	25443	.2480	6.300	8.0	91	53	36	92.07	88.07	84.06	80.06
28425		.2500	6.350	8.0	79	34	36	77.28	73.92	70.56	67.20
	25445	.2500	6.350	8.0	91	53	36	92.07	88.07	84.06	80.06

continued →

Series 1580KD, 1280KD (continued)

.2520" - .3346"
(6.400mm - 8.500mm)

3xD (1580KD) EDP#	5xD (1280KD) EDP#	d1 Diameter		d2 Shank Diameter	l1 Overall Length	l2 Flute Length	l4 Shank Length	1-11	12-24	25-49	50-100
		Decimal	Metric								
28435		.2520	6.400	8.0	79	34	36	77.28	73.92	70.56	67.20
	25450	.2520	6.400	8.0	91	53	36	92.07	88.07	84.06	80.06
28445		.2559	6.500	8.0	79	34	36	77.28	73.92	70.56	67.20
	25455	.2559	6.500	8.0	91	53	36	92.07	88.07	84.06	80.06
28446		.2571	6.530	8.0	79	34	36	77.28	73.92	70.56	67.20
	25457	.2571	6.530	8.0	91	53	36	92.07	88.07	84.06	80.06
28455		.2598	6.600	8.0	79	34	36	77.28	73.92	70.56	67.20
	25460	.2598	6.600	8.0	91	53	36	92.07	88.07	84.06	80.06
	25463	.2638	6.700	8.0	91	53	36	92.07	88.07	84.06	80.06
28465		.2657	6.750	8.0	79	34	36	77.28	73.92	70.56	67.20
	25465	.2657	6.750	8.0	91	53	36	92.07	88.07	84.06	80.06
28475		.2677	6.800	8.0	79	34	36	77.28	73.92	70.56	67.20
	25475	.2677	6.800	8.0	91	53	36	92.07	88.07	84.06	80.06
28485		.2717	6.900	8.0	79	34	36	77.28	73.92	70.56	67.20
	25485	.2717	6.900	8.0	91	53	36	92.07	88.07	84.06	80.06
28495		.2756	7.000	8.0	79	34	36	77.28	73.92	70.56	67.20
	25495	.2756	7.000	8.0	91	53	36	92.07	88.07	84.06	80.06
28505		.2795	7.100	8.0	79	41	36	77.28	73.92	70.56	67.20
	25505	.2795	7.100	8.0	91	53	36	92.07	88.07	84.06	80.06
28515		.2815	7.150	8.0	79	41	36	77.28	73.92	70.56	67.20
	25515	.2815	7.150	8.0	91	53	36	92.07	88.07	84.06	80.06
28525		.2835	7.200	8.0	79	41	36	77.28	73.92	70.56	67.20
	25525	.2835	7.200	8.0	91	53	36	92.07	88.07	84.06	80.06
28535		.2874	7.300	8.0	79	41	36	77.28	73.92	70.56	67.20
	25530	.2874	7.300	8.0	91	53	36	92.07	88.07	84.06	80.06
28545		.2913	7.400	8.0	79	41	36	77.28	73.92	70.56	67.20
	25535	.2913	7.400	8.0	91	53	36	92.07	88.07	84.06	80.06
28555		.2953	7.500	8.0	79	41	36	77.28	73.92	70.56	67.20
	25545	.2953	7.500	8.0	91	53	36	92.07	88.07	84.06	80.06
28565		.2972	7.550	8.0	79	41	36	77.28	73.92	70.56	67.20
	25555	.2972	7.550	8.0	91	53	36	92.07	88.07	84.06	80.06
28575		.2992	7.600	8.0	79	41	36	77.28	73.92	70.56	67.20
	25565	.2992	7.600	8.0	91	53	36	92.07	88.07	84.06	80.06
28585		.3031	7.700	8.0	79	41	36	77.28	73.92	70.56	67.20
	25575	.3031	7.700	8.0	91	53	36	92.07	88.07	84.06	80.06
28595		.3071	7.800	8.0	79	41	36	77.28	73.92	70.56	67.20
	25585	.3071	7.800	8.0	91	53	36	92.07	88.07	84.06	80.06
28605		.3130	7.950	8.0	79	41	36	77.28	73.92	70.56	67.20
	25595	.3130	7.950	8.0	91	53	36	92.07	88.07	84.06	80.06
28615		.3150	8.000	8.0	79	41	36	77.28	73.92	70.56	67.20
	25605	.3150	8.000	8.0	91	53	36	92.07	88.07	84.06	80.06
28625		.3189	8.100	10.0	89	47	40	104.13	99.61	95.08	90.55
	25610	.3189	8.100	10.0	103	61	40	118.61	113.45	108.30	103.14
28635		.3228	8.200	10.0	89	47	40	104.13	99.61	95.08	90.55
	25615	.3228	8.200	10.0	103	61	40	118.61	113.45	108.30	103.14
28645		.3268	8.300	10.0	89	47	40	104.13	99.61	95.08	90.55
	25625	.3268	8.300	10.0	103	61	40	118.61	113.45	108.30	103.14
28655		.3287	8.350	10.0	89	47	40	104.13	99.61	95.08	90.55
	25635	.3287	8.350	10.0	103	61	40	118.61	113.45	108.30	103.14
28665		.3307	8.400	10.0	89	47	40	104.13	99.61	95.08	90.55
	25640	.3307	8.400	10.0	103	61	40	118.61	113.45	108.30	103.14
28675		.3346	8.500	10.0	89	47	40	104.13	99.61	95.08	90.55
	25645	.3346	8.500	10.0	103	61	40	118.61	113.45	108.30	103.14

Series 1580KD, 1280KD (continued)

.3386" - .4370"
(8.600mm - 11.100mm)

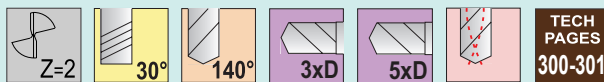
HIGH PERFORMANCE
DRILLS

3xD (1580KD) EDP#	5xD (1280KD) EDP#	<i>d1</i> Diameter		<i>d2</i> Shank Diameter	<i>l1</i> Overall Length	<i>l2</i> Flute Length	<i>l4</i> Shank Length	1-11	12-24	25-49	50-100
		Decimal	Metric								
28685		.3386	8.600	10.0	89	47	40	104.13	99.61	95.08	90.55
	25655	.3386	8.600	10.0	103	61	40	118.61	113.45	108.30	103.14
28695		.3425	8.700	10.0	89	47	40	104.13	99.61	95.08	90.55
	25665	.3425	8.700	10.0	103	61	40	118.61	113.45	108.30	103.14
28725		.3445	8.750	10.0	89	47	40	104.13	99.61	95.08	90.55
	25675	.3445	8.750	10.0	103	61	40	118.61	113.45	108.30	103.14
28735		.3465	8.800	10.0	89	47	40	104.13	99.61	95.08	90.55
	25685	.3465	8.800	10.0	103	61	40	118.61	113.45	108.30	103.14
28745		.3504	8.900	10.0	89	47	40	104.13	99.61	95.08	90.55
	25695	.3504	8.900	10.0	103	61	40	118.61	113.45	108.30	103.14
28755		.3543	9.000	10.0	89	47	40	104.13	99.61	95.08	90.55
	25705	.3543	9.000	10.0	103	61	40	118.61	113.45	108.30	103.14
28765		.3583	9.100	10.0	89	47	40	104.13	99.61	95.08	90.55
	25715	.3583	9.100	10.0	103	61	40	118.61	113.45	108.30	103.14
	25725	.3602	9.150	10.0	103	61	40	118.61	113.45	108.30	103.14
28815		.3622	9.200	10.0	89	47	40	104.13	99.61	95.08	90.55
	25735	.3622	9.200	10.0	103	61	40	118.61	113.45	108.30	103.14
28825		.3661	9.300	10.0	89	47	40	104.13	99.61	95.08	90.55
	25745	.3661	9.300	10.0	103	61	40	118.61	113.45	108.30	103.14
28845		.3701	9.400	10.0	89	47	40	104.13	99.61	95.08	90.55
	25750	.3701	9.400	10.0	103	61	40	118.61	113.45	108.30	103.14
28855		.3740	9.500	10.0	89	47	40	104.13	99.61	95.08	90.55
	25755	.3740	9.500	10.0	103	61	40	118.61	113.45	108.30	103.14
28875		.3760	9.550	10.0	89	47	40	104.13	99.61	95.08	90.55
	25765	.3760	9.550	10.0	103	61	40	118.61	113.45	108.30	103.14
28878		.3780	9.600	10.0	89	47	40	104.13	99.61	95.08	90.55
	25767	.3780	9.600	10.0	103	61	40	118.61	113.45	108.30	103.14
28882		.3819	9.700	10.0	89	47	40	104.13	99.61	95.08	90.55
	25770	.3819	9.700	10.0	103	61	40	118.61	113.45	108.30	103.14
28885		.3858	9.800	10.0	89	47	40	104.13	99.61	95.08	90.55
	25775	.3858	9.800	10.0	103	61	40	118.61	113.45	108.30	103.14
28895		.3898	9.900	10.0	89	47	40	104.13	99.61	95.08	90.55
	25785	.3898	9.900	10.0	103	61	40	118.61	113.45	108.30	103.14
28905		.3937	10.000	10.0	89	47	40	104.13	99.61	95.08	90.55
	25795	.3937	10.000	10.0	103	61	40	118.61	113.45	108.30	103.14
28925		.3976	10.100	12.0	102	55	45	134.84	128.98	123.11	117.25
	25800	.3976	10.100	12.0	118	71	45	152.97	146.32	139.67	133.02
28935		.4016	10.200	12.0	102	55	45	134.84	128.98	123.11	117.25
	25805	.4016	10.200	12.0	118	71	45	152.97	146.32	139.67	133.02
28945		.4055	10.300	12.0	102	55	45	134.84	128.98	123.11	117.25
	25815	.4055	10.300	12.0	118	71	45	152.97	146.32	139.67	133.02
28955		.4134	10.500	12.0	102	55	45	134.84	128.98	123.11	117.25
	25825	.4134	10.500	12.0	118	71	45	152.97	146.32	139.67	133.02
28965		.4173	10.600	12.0	102	55	45	134.84	128.98	123.11	117.25
	25830	.4173	10.600	12.0	118	71	45	152.97	146.32	139.67	133.02
28975		.4213	10.700	12.0	102	55	45	134.84	128.98	123.11	117.25
	25835	.4213	10.700	12.0	118	71	45	152.97	146.32	139.67	133.02
28985		.4252	10.800	12.0	102	55	45	134.84	128.98	123.11	117.25
	25845	.4252	10.800	12.0	118	71	45	152.97	146.32	139.67	133.02
28995		.4331	11.000	12.0	102	55	45	134.84	128.98	123.11	117.25
	25855	.4331	11.000	12.0	118	71	45	152.97	146.32	139.67	133.02
29005		.4370	11.100	12.0	102	55	45	134.84	128.98	123.11	117.25
	25865	.4370	11.100	12.0	118	71	45	152.97	146.32	139.67	133.02

continued →

Series 1580KD, 1280KD (continued)

.4409" - .5433"
(11.200mm - 13.800mm)



TOLERANCES		
d1 *	3mm - 6mm	+0.016 +0.004mm (+0.00063" +0.00015")
	> 6mm - 10mm	+0.021 +0.006mm (+0.00082" +0.00023")
	> 10mm - 18mm	+0.025 +0.007mm (+0.00098" +0.00027")
	> 18mm - 20mm	+0.029 +0.008mm (+0.00114" +0.00031")
d2	6mm	+0.000 -0.008mm (+0.00000" -0.00030")
	8mm - 10mm	+0.000 -0.009mm (+0.00000" -0.00035")
	12mm - 18mm	+0.000 -0.011mm (+0.00000" -0.00040")
	20mm	+0.000 -0.013mm (+0.00000" -0.00050")

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

TiAlN-based Coating

High performance solid submicron grain carbide drill with reinforced shank

Can be used as a pilot drill



3xD (1580KD) EDP#	5xD (1280KD) EDP#	d1 Diameter		d2 Shank Diameter	l1 Overall Length	l2 Flute Length	l4 Shank Length	1-11	12-24	25-49	50-100
		Decimal	Metric								
29015		.4409	11.200	12.0	102	55	45	134.84	128.98	123.11	117.25
	25875	.4409	11.200	12.0	118	71	45	152.97	146.32	139.67	133.02
29025		.4488	11.400	12.0	102	55	45	134.84	128.98	123.11	117.25
	25880	.4488	11.400	12.0	118	71	45	152.97	146.32	139.67	133.02
29035		.4528	11.500	12.0	102	55	45	134.84	128.98	123.11	117.25
	25885	.4528	11.500	12.0	118	71	45	152.97	146.32	139.67	133.02
29045		.4606	11.700	12.0	102	55	45	134.84	128.98	123.11	117.25
	25895	.4606	11.700	12.0	118	71	45	152.97	146.32	139.67	133.02
29055		.4685	11.900	12.0	102	55	45	134.84	128.98	123.11	117.25
29065		.4724	12.000	12.0	102	55	45	134.84	128.98	123.11	117.25
	25915	.4724	12.000	12.0	118	71	45	152.97	146.32	139.67	133.02
29075		.4764	12.100	14.0	107	60	45	188.34	180.15	171.96	163.77
	25925	.4764	12.100	14.0	124	77	45	225.71	215.90	206.08	196.27
29085		.4803	12.200	14.0	107	60	45	188.34	180.15	171.96	163.77
	25930	.4803	12.200	14.0	124	77	45	225.71	215.90	206.08	196.27
29095		.4842	12.300	14.0	107	60	45	188.34	180.15	171.96	163.77
	25935	.4842	12.300	14.0	124	77	45	225.71	215.90	206.08	196.27
29115		.4921	12.500	14.0	107	60	45	188.34	180.15	171.96	163.77
	25945	.4921	12.500	14.0	124	77	45	225.71	215.90	206.08	196.27
29125		.4961	12.600	14.0	107	60	45	188.34	180.15	171.96	163.77
	25950	.4961	12.600	14.0	124	77	45	225.71	215.90	206.08	196.27
29135		.5000	12.700	14.0	107	60	45	188.34	180.15	171.96	163.77
	25955	.5000	12.700	14.0	124	77	45	225.71	215.90	206.08	196.27
29145		.5039	12.800	14.0	107	60	45	188.34	180.15	171.96	163.77
	25960	.5039	12.800	14.0	124	77	45	225.71	215.90	206.08	196.27
29148		.5051	12.830	14.0	107	60	45	188.34	180.15	171.96	163.77
	25961	.5051	12.830	14.0	124	77	45	225.71	215.90	206.08	196.27
29155		.5079	12.900	14.0	107	60	45	188.34	180.15	171.96	163.77
29161		.5098	12.950	14.0	107	60	45	188.34	180.15	171.96	163.77
	25964	.5098	12.950	14.0	124	77	45	225.71	215.90	206.08	196.27
29165		.5118	13.000	14.0	107	60	45	188.34	180.15	171.96	163.77
	25965	.5118	13.000	14.0	124	77	45	225.71	215.90	206.08	196.27
29175		.5157	13.100	14.0	107	60	45	188.34	180.15	171.96	163.77
	25975	.5157	13.100	14.0	124	77	45	225.71	215.90	206.08	196.27
29181		.5236	13.300	14.0	107	60	45	188.34	180.15	171.96	163.77
29185		.5315	13.500	14.0	107	60	45	188.34	180.15	171.96	163.77
	25985	.5315	13.500	14.0	124	77	45	225.71	215.90	206.08	196.27
29195		.5394	13.700	14.0	107	60	45	188.34	180.15	171.96	163.77
	25995	.5394	13.700	14.0	124	77	45	225.71	215.90	206.08	196.27
29205		.5433	13.800	14.0	107	60	45	188.34	180.15	171.96	163.77
	26005	.5433	13.800	14.0	124	77	45	225.71	215.90	206.08	196.27

Series 1580KD, 1280KD (continued)

.5512" - .7342"
(14.000mm - 18.650mm)

HIGH PERFORMANCE
DRILLS

3xD (1580KD) EDP#	5xD (1280KD) EDP#	<i>d1</i> Diameter		<i>d2</i> Shank Diameter	<i>l1</i> Overall Length	<i>l2</i> Flute Length	<i>l4</i> Shank Length	1-11	12-24	25-49	50-100
		Decimal	Metric								
29215		.5512	14.000	14.0	107	60	45	188.34	180.15	171.96	163.77
	26015	.5512	14.000	14.0	124	77	45	225.71	215.90	206.08	196.27
29225		.5551	14.100	16.0	115	65	48	230.21	220.20	210.19	200.18
	26025	.5551	14.100	16.0	133	83	48	300.12	287.07	274.02	260.97
29235		.5591	14.200	16.0	115	65	48	230.21	220.20	210.19	200.18
	26027	.5591	14.200	16.0	133	83	48	300.12	287.07	274.02	260.97
29245		.5610	14.250	16.0	115	65	48	230.21	220.20	210.19	200.18
	26035	.5610	14.250	16.0	133	83	48	300.12	287.07	274.02	260.97
29255		.5630	14.300	16.0	115	65	48	230.21	220.20	210.19	200.18
	26045	.5630	14.300	16.0	133	83	48	300.12	287.07	274.02	260.97
29265		.5709	14.500	16.0	115	65	48	230.21	220.20	210.19	200.18
	26055	.5709	14.500	16.0	133	83	48	300.12	287.07	274.02	260.97
29275		.5787	14.700	16.0	115	65	48	230.21	220.20	210.19	200.18
	26065	.5787	14.700	16.0	133	83	48	300.12	287.07	274.02	260.97
29285		.5827	14.800	16.0	115	65	48	230.21	220.20	210.19	200.18
	26067	.5827	14.800	16.0	133	83	48	300.12	287.07	274.02	260.97
29305		.5906	15.000	16.0	115	65	48	230.21	220.20	210.19	200.18
	26075	.5906	15.000	16.0	133	83	48	300.12	287.07	274.02	260.97
29315		.5945	15.100	16.0	115	65	48	230.21	220.20	210.19	200.18
	26085	.5945	15.100	16.0	133	83	48	300.12	287.07	274.02	260.97
29325		.6102	15.500	16.0	115	65	48	230.21	220.20	210.19	200.18
	26095	.6102	15.500	16.0	133	83	48	300.12	287.07	274.02	260.97
29335		.6181	15.700	16.0	115	65	48	230.21	220.20	210.19	200.18
	26105	.6181	15.700	16.0	133	83	48	300.12	287.07	274.02	260.97
29345		.6220	15.800	16.0	115	65	48	230.21	220.20	210.19	200.18
	26107	.6220	15.800	16.0	133	83	48	300.12	287.07	274.02	260.97
29355		.6299	16.000	16.0	115	65	48	230.21	220.20	210.19	200.18
	26115	.6299	16.000	16.0	133	83	48	300.12	287.07	274.02	260.97
29363		.6331	16.080	18.0	123	73	48	291.07	278.41	265.76	253.10
	26118	.6331	16.080	18.0	143	93	48	356.80	341.29	325.77	310.26
29365		.6339	16.100	18.0	123	73	48	291.07	278.41	265.76	253.10
	26119	.6339	16.100	18.0	143	93	48	356.80	341.29	325.77	310.26
29371		.6378	16.200	18.0	123	73	48	291.07	278.41	265.76	253.10
	26123	.6378	16.200	18.0	143	93	48	356.80	341.29	325.77	310.26
29375		.6398	16.250	18.0	123	73	48	291.07	278.41	265.76	253.10
	26125	.6398	16.250	18.0	143	93	48	356.80	341.29	325.77	310.26
29385		.6496	16.500	18.0	123	73	48	291.07	278.41	265.76	253.10
	26135	.6496	16.500	18.0	143	93	48	356.80	341.29	325.77	310.26
29395		.6555	16.650	18.0	123	73	48	291.07	278.41	265.76	253.10
	26145	.6555	16.650	18.0	143	93	48	356.80	341.29	325.77	310.26
29405		.6693	17.000	18.0	123	73	48	291.07	278.41	265.76	253.10
	26155	.6693	17.000	18.0	143	93	48	356.80	341.29	325.77	310.26
29415		.6713	17.050	18.0	123	73	48	291.07	278.41	265.76	253.10
	26165	.6713	17.050	18.0	143	93	48	356.80	341.29	325.77	310.26
29425		.6870	17.450	18.0	123	73	48	291.07	278.41	265.76	253.10
	26175	.6870	17.450	18.0	143	93	48	356.80	341.29	325.77	310.26
29435		.6890	17.500	18.0	123	73	48	291.07	278.41	265.76	253.10
	26185	.6890	17.500	18.0	143	93	48	356.80	341.29	325.77	310.26
29445		.7027	17.850	18.0	123	73	48	291.07	278.41	265.76	253.10
	26195	.7027	17.850	18.0	143	93	48	356.80	341.29	325.77	310.26
29455		.7087	18.000	18.0	123	73	48	291.07	278.41	265.76	253.10
	26205	.7087	18.000	18.0	143	93	48	356.80	341.29	325.77	310.26
	26215	.7185	18.250	20.0	153	101	50	433.08	414.25	395.42	376.59
	26225	.7283	18.500	20.0	153	101	50	433.08	414.25	395.42	376.59
29485		.7342	18.650	20.0	131	79	50	384.54	367.82	351.10	334.38
	26235	.7342	18.650	20.0	153	101	50	433.08	414.25	395.42	376.59

continued →

Series 1580KD, 1280KD (continued)

.7480" - .7874"
(19.000mm - 20.000mm)

3xD (1580KD) EDP#	5xD (1280KD) EDP#	<i>d1</i> Diameter		<i>d2</i> Shank Diameter	<i>l1</i> Overall Length	<i>l2</i> Flute Length	<i>l4</i> Shank Length	1-11	12-24	25-49	50-100
		Decimal	Metric								
29495		.7480	19.000	20.0	131	79	50	384.54	367.82	351.10	334.38
	26245	.7480	19.000	20.0	153	101	50	433.08	414.25	395.42	376.59
29505		.7500	19.050	20.0	131	79	50	384.54	367.82	351.10	334.38
	26255	.7500	19.050	20.0	153	101	50	433.08	414.25	395.42	376.59
29515		.7520	19.100	20.0	131	79	50	384.54	367.82	351.10	334.38
	26256	.7520	19.100	20.0	153	101	50	433.08	414.25	395.42	376.59
29525		.7539	19.150	20.0	131	79	50	384.54	367.82	351.10	334.38
29535		.7559	19.200	20.0	131	79	50	384.54	367.82	351.10	334.38
	26258	.7559	19.200	20.0	153	101	50	433.08	414.25	395.42	376.59
29545		.7579	19.250	20.0	131	79	50	384.54	367.82	351.10	334.38
29546		.7590	19.280	20.0	131	79	50	384.54	367.82	351.10	334.38
	26260	.7590	19.280	20.0	153	101	50	433.08	414.25	395.42	376.59
29551		.7598	19.300	20.0	131	79	50	384.54	367.82	351.10	334.38
	26261	.7598	19.300	20.0	153	101	50	433.08	414.25	395.42	376.59
29555		.7638	19.400	20.0	131	79	50	384.54	367.82	351.10	334.38
29565		.7677	19.500	20.0	131	79	50	384.54	367.82	351.10	334.38
29585		.7795	19.800	20.0	131	79	50	384.54	367.82	351.10	334.38
	26281	.7795	19.800	20.0	153	101	50	433.08	414.25	395.42	376.59
29595		.7815	19.850	20.0	131	79	50	384.54	367.82	351.10	334.38
29605		.7874	20.000	20.0	131	79	50	384.54	367.82	351.10	334.38

