

TOLERANCES		
$d_1$ *	3mm - 6mm	+0.016mm +0.04mm (+0.0063" +0.0015")
	> 6mm - 10mm	+0.021mm +0.06mm (+0.0082" +0.0023")
	> 10mm - 18mm	+0.025mm +0.07mm (+0.0098" +0.0027")
	> 18mm - 20mm	+0.029mm +0.08mm (+0.0114" +0.0031")
$d_2$	h6	
$l_1$	+3.175mm -3.175mm (+.125" -.125")	
$l_2$	+3.175mm -3.175mm (+.125" -.125")	
$l_4$	+1.980mm -.000mm (+.078" -.000")	

**NEW  
ITEMS**

Series 1580KD, 1280KD, 1880KD



TECH  
PAGES  
332-333

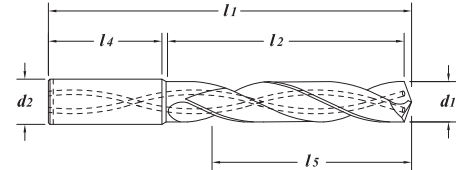
.1181" - .1470"  
(3.000mm - 3.734mm)

HIGH PERFORMANCE  
DRILLS

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

**BALIQ® ALTINOS Coating (AlTiN-based)**

- 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#	7xD (1880KD) EDP#	$d_1$ Diameter		$d_2$ Shank Diameter	$l_1$ Overall Length	$l_2$ Flute Length	$l_5$ Max Drill Depth	$l_4$ Shank Length	1-11	12-24	25-49	50-100	
			Decimal	Metric										
27995			.1181	3.000	6.0	62	20	16	36	60.57	57.94	55.30	52.67	
	25065		.1181	3.000	6.0	66	28	24	36	71.50	68.39	65.28	62.17	
		26942	.1181	3.000	6.0	70	30	26	36	85.82	82.09	78.36	74.63	
28005			.1220	3.100	6.0	62	20	15	36	60.57	57.94	55.30	52.67	
	25075		.1220	3.100	6.0	66	28	23	36	71.50	68.39	65.28	62.17	
28015			.1248	3.170	6.0	62	20	15	36	60.57	57.94	55.30	52.67	
	25085		.1248	3.170	6.0	66	28	23	36	71.50	68.39	65.28	62.17	
		26946	.1248	3.170	6.0	70	30	25	36	85.82	82.09	78.36	74.63	
NEW 28018			.1250	1/8"	3.175	6.0	62	20	15	36	60.57	57.94	55.30	52.67
	25088		.1250	1/8"	3.175	6.0	66	28	23	36	71.50	68.39	65.28	62.17
		26948	.1250	1/8"	3.175	6.0	70	30	25	36	85.82	82.09	78.36	74.63
28025			.1260	3.200	6.0	62	20	15	36	60.57	57.94	55.30	52.67	
	25095		.1260	3.200	6.0	66	28	23	36	71.50	68.39	65.28	62.17	
		26950	.1260	3.200	6.0	70	30	25	36	85.82	82.09	78.36	74.63	
28035			.1280	3.250	6.0	62	20	15	36	60.57	57.94	55.30	52.67	
	25105		.1280	3.250	6.0	66	28	23	36	71.50	68.39	65.28	62.17	
		26952	.1280	3.250	6.0	70	30	25	36	85.82	82.09	78.36	74.63	
28038			.1285	#30	3.264	6.0	62	20	15	36	60.57	57.94	55.30	52.67
	25108		.1285	#30	3.264	6.0	66	28	23	36	71.50	68.39	65.28	62.17
		26954	.1285	#30	3.264	6.0	70	30	25	36	85.82	82.09	78.36	74.63
28045			.1299	3.300	6.0	62	20	15	36	60.57	57.94	55.30	52.67	
	25115		.1299	3.300	6.0	66	28	23	36	71.50	68.39	65.28	62.17	
		26956	.1299	3.300	6.0	70	30	25	36	85.82	82.09	78.36	74.63	
28055			.1339	3.400	6.0	62	20	15	36	60.57	57.94	55.30	52.67	
	25125		.1339	3.400	6.0	66	28	23	36	71.50	68.39	65.28	62.17	
28058			.1360	#29	3.454	6.0	62	20	15	36	60.57	57.94	55.30	52.67
	25128		.1360	#29	3.454	6.0	66	28	23	36	71.50	68.39	65.28	62.17
		26960	.1360	#29	3.454	6.0	70	30	25	36	85.82	82.09	78.36	74.63
28065			.1378	3.500	6.0	62	20	15	36	60.57	57.94	55.30	52.67	
	25135		.1378	3.500	6.0	66	28	23	36	71.50	68.39	65.28	62.17	
		26962	.1378	3.500	6.0	75	37	32	36	85.82	82.09	78.36	74.63	
28075			.1417	3.600	6.0	62	20	15	36	60.57	57.94	55.30	52.67	
	25145		.1417	3.600	6.0	66	28	23	36	71.50	68.39	65.28	62.17	
28085			.1457	3.700	6.0	62	20	14	36	60.57	57.94	55.30	52.67	
	25155		.1457	3.700	6.0	66	28	22	36	71.50	68.39	65.28	62.17	
28088			.1470	#26	3.734	6.0	62	20	14	36	60.57	57.94	55.30	52.67
	25158		.1470	#26	3.734	6.0	66	28	36	71.50	68.39	65.28	62.17	
		26968	.1470	#26	3.734	6.0	75	37	31	85.82	82.09	78.36	74.63	

continued →

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

.1476" - .1811"  
(3.750mm - 4.600mm)

	3xD (1580KD) EDP#	5xD (1280KD) EDP#	7xD (1880KD) EDP#	d1 Diameter		d2 Shank Diameter	l1 Overall Length	l2 Flute Length	l5 Max Drill Depth	l4 Shank Length	1-11	12-24	25-49	50-100
				Decimal	Metric									
	28095			.1476	3.750	6.0	62	20	14	36	60.57	57.94	55.30	52.67
		25165		.1476	3.750	6.0	66	28	22	36	71.50	68.39	65.28	62.17
NEW			26972	.1476	3.750	6.0	75	37	31	36	85.82	82.09	78.36	74.63
	28098			.1495	#25 3.797	6.0	62	20	14	36	60.57	57.94	55.30	52.67
		25172		.1495	#25 3.797	6.0	66	28	22	36	71.50	68.39	65.28	62.17
NEW			26978	.1495	#25 3.797	6.0	75	37	31	36	85.82	82.09	78.36	74.63
	28105			.1496	3.800	6.0	66	24	18	36	60.57	57.94	55.30	52.67
		25175		.1496	3.800	6.0	74	36	30	36	71.50	68.39	65.28	62.17
	28115			.1535	3.900	6.0	66	24	18	36	60.57	57.94	55.30	52.67
		25185		.1535	3.900	6.0	74	36	30	36	71.50	68.39	65.28	62.17
			26982	.1535	3.900	6.0	75	37	31	36	85.82	82.09	78.36	74.63
	28118			.1562	5/32" 3.967	6.0	66	24	18	36	60.57	57.94	55.30	52.67
		25192		.1562	5/32" 3.967	6.0	74	36	30	36	71.50	68.39	65.28	62.17
			26984	.1562	5/32" 3.967	6.0	75	37	31	36	85.82	82.09	78.36	74.63
	28125			.1563	3.970	6.0	66	24	18	36	60.57	57.94	55.30	52.67
		25195		.1563	3.970	6.0	74	36	30	36	71.50	68.39	65.28	62.17
	28135			.1575	4.000	6.0	66	24	18	36	60.57	57.94	55.30	52.67
		25205		.1575	4.000	6.0	74	36	30	36	71.50	68.39	65.28	62.17
			26986	.1575	4.000	6.0	75	37	31	36	85.82	82.09	78.36	74.63
	28138			.1590	#21 4.038	6.0	66	24	18	36	60.57	57.94	55.30	52.67
		25208		.1590	#21 4.038	6.0	74	36	30	36	71.50	68.39	65.28	62.17
			26988	.1590	#21 4.038	6.0	75	37	31	36	85.82	82.09	78.36	74.63
	28140			.1610	#20 4.089	6.0	66	24	18	36	60.57	57.94	55.30	52.67
		25212		.1610	#20 4.089	6.0	74	36	30	36	71.50	68.39	65.28	62.17
			26990	.1610	#20 4.089	6.0	75	37	31	36	85.82	82.09	78.36	74.63
	28145			.1614	4.100	6.0	66	24	18	36	60.57	57.94	55.30	52.67
		25215		.1614	4.100	6.0	74	36	30	36	71.50	68.39	65.28	62.17
			26992	.1614	4.100	6.0	75	37	31	36	85.82	82.09	78.36	74.63
	28155			.1654	4.200	6.0	66	24	18	36	60.57	57.94	55.30	52.67
		25225		.1654	4.200	6.0	74	36	30	36	71.50	68.39	65.28	62.17
			26994	.1654	4.200	6.0	75	37	31	36	85.82	82.09	78.36	74.63
	28158			.1660	#19 4.216	6.0	66	24	18	36	60.57	57.94	55.30	52.67
		25228		.1660	#19 4.216	6.0	74	36	30	36	71.50	68.39	65.28	62.17
			26996	.1660	#19 4.216	6.0	85	45	39	36	85.82	82.09	78.36	74.63
	28165			.1673	4.250	6.0	66	24	18	36	60.57	57.94	55.30	52.67
		25235		.1673	4.250	6.0	74	36	30	36	71.50	68.39	65.28	62.17
NEW			26998	.1673	4.250	6.0	85	45	39	36	85.82	82.09	78.36	74.63
	28175			.1693	4.300	6.0	66	24	18	36	60.57	57.94	55.30	52.67
		25245		.1693	4.300	6.0	74	36	30	36	71.50	68.39	65.28	62.17
	28178			.1719	11/64" 4.366	6.0	66	24	17	36	60.57	57.94	55.30	52.67
		25248		.1719	11/64" 4.366	6.0	74	36	29	36	71.50	68.39	65.28	62.17
			27002	.1719	11/64" 4.366	6.0	85	45	38	36	85.82	82.09	78.36	74.63
	28185			.1732	4.400	6.0	66	24	17	36	60.57	57.94	55.30	52.67
		25255		.1732	4.400	6.0	74	36	29	36	71.50	68.39	65.28	62.17
			27004	.1732	4.400	6.0	85	45	38	36	85.82	82.09	78.36	74.63
	28188			.1770	#16 4.496	6.0	66	24	17	36	60.57	57.94	55.30	52.67
		25262		.1770	#16 4.496	6.0	74	36	29	36	71.50	68.39	65.28	62.17
			27006	.1770	#16 4.496	6.0	85	45	38	36	85.82	82.09	78.36	74.63
	28195			.1772	4.500	6.0	66	24	17	36	60.57	57.94	55.30	52.67
		25265		.1772	4.500	6.0	74	36	29	36	71.50	68.39	65.28	62.17
			27008	.1772	4.500	6.0	85	45	38	36	85.82	82.09	78.36	74.63
	28205			.1811	4.600	6.0	66	24	17	36	60.57	57.94	55.30	52.67
		25275		.1811	4.600	6.0	74	36	29	36	71.50	68.39	65.28	62.17
			27011	.1811	4.600	6.0	85	45	38	36	85.82	82.09	78.36	74.63
	28208			.1820	#14 4.622	6.0	66	24	17	36	60.57	57.94	55.30	52.67
		25280		.1820	#14 4.622	6.0	74	36	29	36	71.50	68.39	65.28	62.17
NEW			27012	.1820	#14 4.622	6.0	90	50	43	36	85.82	82.09	78.36	74.63

# Series 1580KD, 1280KD, 1880KD (continued)

.1820" - .2283"  
(4.622mm - 5.800mm)

HIGH PERFORMANCE  
DRILLS

3xD (1580KD) EDP#	5xD (1280KD) EDP#	7xD (1880KD) EDP#	<i>d1</i> Diameter		<i>d2</i> Shank Diameter	<i>l1</i> Overall Length	<i>l2</i> Flute Length	<i>l5</i> Max Drill Depth	<i>l4</i> Shank Length	1-11	12-24	25-49	50-100
			Decimal	Metric									
	25285		.1831	4.650	6.0	74	36	29	36	71.50	68.39	65.28	62.17
		27014	.1831	4.650	6.0	90	50	43	36	85.82	82.09	78.36	74.63
	28225		.1850	4.700	6.0	66	24	17	36	60.57	57.94	55.30	52.67
	25295		.1850	4.700	6.0	74	36	29	36	71.50	68.39	65.28	62.17
	28235		.1870	4.750	6.0	66	24	17	36	60.57	57.94	55.30	52.67
	25305		.1870	4.750	6.0	74	36	29	36	71.50	68.39	65.28	62.17
<b>NEW</b>		27016	.1870	4.750	6.0	90	50	43	36	85.82	82.09	78.36	74.63
	28238		.1875	3/16"	4.762	6.0	66	28	21	60.57	57.94	55.30	52.67
	25310		.1875	3/16"	4.762	6.0	74	36	29	68.75	65.76	62.77	59.78
		27018	.1875	3/16"	4.762	6.0	90	50	43	85.82	82.09	78.36	74.63
	28245		.1890	#12	4.800	6.0	66	28	21	60.57	57.94	55.30	52.67
	25315		.1890	#12	4.800	6.0	82	44	37	71.50	68.39	65.28	62.17
	28255	27021	.1890	#12	4.800	6.0	90	50	43	85.82	82.09	78.36	74.63
			.1929	4.900	6.0	66	28	21	36	60.57	57.94	55.30	52.67
	25325		.1929	4.900	6.0	82	44	37	36	71.50	68.39	65.28	62.17
		27022	.1929	4.900	6.0	90	50	43	36	85.82	82.09	78.36	74.63
	28258		.1960	#9	4.978	6.0	66	28	21	60.57	57.94	55.30	52.67
	25330		.1960	#9	4.978	6.0	82	44	37	71.50	68.39	65.28	62.17
<b>NEW</b>		27024	.1960	#9	4.978	6.0	90	50	43	85.82	82.09	78.36	74.63
	28265		.1969	5.000	6.0	66	28	21	36	60.57	57.94	55.30	52.67
	25335		.1969	5.000	6.0	82	44	37	36	71.50	68.39	65.28	62.17
		27026	.1969	5.000	6.0	90	50	43	36	85.82	82.09	78.36	74.63
	28275		.2008	5.100	6.0	66	28	20	36	60.57	57.94	55.30	52.67
	25345		.2008	5.100	6.0	82	44	36	36	71.50	68.39	65.28	62.17
	28278		.2010	#7	5.105	6.0	66	28	20	60.57	57.94	55.30	52.67
	25348		.2010	#7	5.105	6.0	82	44	36	71.50	68.39	65.28	62.17
		27031	.2010	#7	5.105	6.0	97	57	49	85.82	82.09	78.36	74.63
	28285		.2027	5.150	6.0	66	28	20	36	60.57	57.94	55.30	52.67
	25355		.2027	5.150	6.0	82	44	36	36	71.50	68.39	65.28	62.17
	28295		.2047	5.200	6.0	66	28	20	36	60.57	57.94	55.30	52.67
	25365		.2047	5.200	6.0	82	44	36	36	71.50	68.39	65.28	62.17
	28305		.2087	5.300	6.0	66	28	20	36	60.57	57.94	55.30	52.67
	25375		.2087	5.300	6.0	82	44	36	36	71.50	68.39	65.28	62.17
	28308		.2130	#3	5.410	6.0	66	28	20	60.57	57.94	55.30	52.67
	25380		.2130	#3	5.410	6.0	82	44	36	71.50	68.39	65.28	62.17
		27036	.2130	#3	5.410	6.0	97	57	49	85.82	82.09	78.36	74.63
	28315		.2165	5.500	6.0	66	28	20	36	60.57	57.94	55.30	52.67
	25385		.2165	5.500	6.0	82	44	36	36	71.50	68.39	65.28	62.17
		27038	.2165	5.500	6.0	97	57	49	36	85.82	82.09	78.36	74.63
	28325		.2185	5.550	6.0	66	28	20	36	60.57	57.94	55.30	52.67
	25395		.2185	5.550	6.0	82	44	36	36	71.50	68.39	65.28	62.17
	28328		.2188	7/32"	5.557	6.0	66	28	20	60.57	57.94	55.30	52.67
	25398		.2188	7/32"	5.557	6.0	82	44	36	71.50	68.39	65.28	62.17
		27041	.2188	7/32"	5.557	6.0	97	57	49	85.82	82.09	78.36	74.63
	28335		.2205	5.600	6.0	66	28	20	36	60.57	57.94	55.30	52.67
	25397		.2205	5.600	6.0	82	44	36	36	71.50	68.39	65.28	62.17
<b>NEW</b>		27042	.2205	5.600	6.0	97	57	49	36	85.82	82.09	78.36	74.63
	28345		.2244	5.700	6.0	66	28	19	36	60.57	57.94	55.30	52.67
	25400		.2244	5.700	6.0	82	44	35	36	71.50	68.39	65.28	62.17
		27044	.2244	5.700	6.0	97	57	48	36	85.82	82.09	78.36	74.63
	28348		.2280	#1	5.791	6.0	66	28	19	60.57	57.94	55.30	52.67
	25403		.2280	#1	5.791	6.0	82	44	35	71.50	68.39	65.28	62.17
		27046	.2280	#1	5.791	6.0	97	57	48	85.82	82.09	78.36	74.63
	28355		.2283	5.800	6.0	66	28	19	36	60.57	57.94	55.30	52.67
	25405		.2283	5.800	6.0	82	44	35	36	71.50	68.39	65.28	62.17
		27048	.2283	5.800	6.0	97	57	48	36	85.82	82.09	78.36	74.63

continued →

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

.2323" - .2812"  
(5.900mm - 7.142mm)

	3xD (1580KD) EDP#	5xD (1280KD) EDP#	7xD (1880KD) EDP#	d1 Diameter		d2 Shank Diameter	l1 Overall Length	l2 Flute Length	l5 Max Drill Depth	l4 Shank Length	1-11	12-24	25-49	50-100
				Decimal	Metric									
	28365			.2323	5.900	6.0	66	28	19	36	60.57	57.94	55.30	52.67
		25415		.2323	5.900	6.0	82	44	35	36	71.50	68.39	65.28	62.17
NEW			27051	.2323	5.900	6.0	97	57	48	36	85.82	82.09	78.36	74.63
	28375			.2342	5.950	6.0	66	28	19	36	60.57	57.94	55.30	52.67
		25425		.2342	5.950	6.0	82	44	35	36	71.50	68.39	65.28	62.17
NEW			27052	.2342	5.950	6.0	97	57	48	36	85.82	82.09	78.36	74.63
	28385			.2362	6.000	6.0	66	28	19	36	60.57	57.94	55.30	52.67
		25435		.2362	6.000	6.0	82	44	35	36	71.50	68.39	65.28	62.17
			27054	.2362	6.000	6.0	97	57	48	36	85.82	82.09	78.36	74.63
	28395			.2402	6.100	8.0	79	34	25	36	84.39	80.72	77.05	73.38
		25437		.2402	6.100	8.0	91	53	44	36	100.53	96.16	91.79	87.42
	28405			.2441	6.200	8.0	79	34	25	36	84.39	80.72	77.05	73.38
		25440		.2441	6.200	8.0	91	53	44	36	100.53	96.16	91.79	87.42
	28415			.2480	6.300	8.0	79	34	25	36	84.39	80.72	77.05	73.38
		25443		.2480	6.300	8.0	91	53	44	36	100.53	96.16	91.79	87.42
	28425			.2500	1/4"	6.350	8.0	79	34	24	84.39	80.72	77.05	73.38
		25445		.2500	1/4"	6.350	8.0	91	53	43	100.53	96.16	91.79	87.42
			27056	.2500	1/4"	6.350	8.0	106	66	56	121.37	116.09	110.82	105.54
	28435			.2520	6.400	8.0	79	34	24	36	84.39	80.72	77.05	73.38
		25450		.2520	6.400	8.0	91	53	43	36	100.53	96.16	91.79	87.42
			27058	.2520	6.400	8.0	106	66	56	36	121.37	116.09	110.82	105.54
	28445			.2559	6.500	8.0	79	34	24	36	84.39	80.72	77.05	73.38
		25455		.2559	6.500	8.0	91	53	43	36	100.53	96.16	91.79	87.42
			27061	.2559	6.500	8.0	106	66	56	36	121.37	116.09	110.82	105.54
	28446			.2571	6.530	8.0	79	34	24	36	84.39	80.72	77.05	73.38
		25457		.2571	6.530	8.0	91	53	43	36	100.53	96.16	91.79	87.42
			27062	.2571	6.530	8.0	106	66	56	36	121.37	116.09	110.82	105.54
	28455			.2598	6.600	8.0	79	34	24	36	84.39	80.72	77.05	73.38
		25460		.2598	6.600	8.0	91	53	43	36	100.53	96.16	91.79	87.42
			27064	.2598	6.600	8.0	106	66	56	36	121.37	116.09	110.82	105.54
		25463		.2638	6.700	8.0	91	53	43	36	100.53	96.16	91.79	87.42
			27066	.2638	6.700	8.0	106	66	56	36	121.37	116.09	110.82	105.54
	28463			.2656	17/64"	6.746	8.0	79	34	24	84.39	80.72	77.05	73.38
		25464		.2656	17/64"	6.746	8.0	91	53	43	100.53	96.16	91.79	87.42
			27068	.2656	17/64"	6.746	8.0	106	66	56	121.37	116.09	110.82	105.54
	28465			.2657	6.750	8.0	79	34	24	36	84.39	80.72	77.05	73.38
		25465		.2657	6.750	8.0	91	53	43	36	100.53	96.16	91.79	87.42
	28475			.2677	6.800	8.0	79	34	24	36	84.39	80.72	77.05	73.38
		25475		.2677	6.800	8.0	91	53	43	36	100.53	96.16	91.79	87.42
			27071	.2677	6.800	8.0	106	66	56	36	121.37	116.09	110.82	105.54
	28485			.2717	6.900	8.0	79	34	24	36	84.39	80.72	77.05	73.38
		25485		.2717	6.900	8.0	91	53	43	36	100.53	96.16	91.79	87.42
			27072	.2717	6.900	8.0	116	76	66	36	121.37	116.09	110.82	105.54
	28495			.2756	7.000	8.0	79	34	24	36	84.39	80.72	77.05	73.38
		25495		.2756	7.000	8.0	91	53	43	36	100.53	96.16	91.79	87.42
			27074	.2756	7.000	8.0	116	76	66	36	121.37	116.09	110.82	105.54
NEW	28498			.2770	J	7.035	8.0	79	41	30	84.39	80.72	77.05	73.38
		25498		.2770	J	7.035	8.0	91	53	42	100.53	96.16	91.79	87.42
NEW			27076	.2770	J	7.035	8.0	116	76	65	121.37	116.09	110.82	105.54
	28505			.2795	7.100	8.0	79	41	30	36	84.39	80.72	77.05	73.38
		25505		.2795	7.100	8.0	91	53	42	36	100.53	96.16	91.79	87.42
	28508			.2812	9/32"	7.142	8.0	79	41	30	84.39	80.72	77.05	73.38
		25512		.2812	9/32"	7.142	8.0	91	53	42	100.53	96.16	91.79	87.42
			27079	.2812	9/32"	7.142	8.0	116	76	65	121.37	116.09	110.82	105.54

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

.2815" - .3386"  
(7.150mm - 8.600mm)

HIGH PERFORMANCE  
DRILLS

	3xD (1580KD) EDP#	5xD (1280KD) EDP#	7xD (1880KD) EDP#	<i>d1</i> Diameter		<i>d2</i> Shank Diameter	<i>l1</i> Overall Length	<i>l2</i> Flute Length	<i>l5</i> Max Drill Depth	<i>l4</i> Shank Length	1-11	12-24	25-49	50-100
				Decimal	Metric									
	28515			.2815	7.150	8.0	79	41	30	36	84.39	80.72	77.05	73.38
		25515		.2815	7.150	8.0	91	53	42	36	100.53	96.16	91.79	87.42
<b>NEW</b>			27082	.2815	7.150	8.0	116	76	65	36	121.37	116.09	110.82	105.54
	28525			.2835	7.200	8.0	79	41	30	36	84.39	80.72	77.05	73.38
		25525		.2835	7.200	8.0	91	53	42	36	100.53	96.16	91.79	87.42
	28535			.2874	7.300	8.0	79	41	30	36	84.39	80.72	77.05	73.38
		25530		.2874	7.300	8.0	91	53	42	36	100.53	96.16	91.79	87.42
	28545			.2913	7.400	8.0	79	41	30	36	84.39	80.72	77.05	73.38
		25535		.2913	7.400	8.0	91	53	42	36	100.53	96.16	91.79	87.42
	28555			.2953	7.500	8.0	79	41	30	36	84.39	80.72	77.05	73.38
		25545		.2953	7.500	8.0	91	53	42	36	100.53	96.16	91.79	87.42
			27086	.2953	7.500	8.0	116	76	65	36	121.37	116.09	110.82	105.54
	28565			.2972	7.550	8.0	79	41	30	36	84.39	80.72	77.05	73.38
		25555		.2972	7.550	8.0	91	53	42	36	100.53	96.16	91.79	87.42
			27088	.2972	7.550	8.0	116	76	65	36	121.37	116.09	110.82	105.54
	28575			.2992	7.600	8.0	79	41	30	36	84.39	80.72	77.05	73.38
		25565		.2992	7.600	8.0	91	53	42	36	100.53	96.16	91.79	87.42
	28578			.3020	N 7.670	8.0	79	41	29	36	84.39	80.72	77.05	73.38
		25570		.3020	N 7.670	8.0	91	53	41	36	100.53	96.16	91.79	87.42
<b>NEW</b>			27092	.3020	N 7.670	8.0	116	76	64	36	121.37	116.09	110.82	105.54
	28585			.3031	7.700	8.0	79	41	29	36	84.39	80.72	77.05	73.38
		25575		.3031	7.700	8.0	91	53	41	36	100.53	96.16	91.79	87.42
	28595			.3071	7.800	8.0	79	41	29	36	84.39	80.72	77.05	73.38
		25585		.3071	7.800	8.0	91	53	41	36	100.53	96.16	91.79	87.42
			27096	.3071	7.800	8.0	116	76	64	36	121.37	116.09	110.82	105.54
	28602			.3125	5/16" 7.937	8.0	79	41	29	36	84.39	80.72	77.05	73.38
		25593		.3125	5/16" 7.937	8.0	91	53	41	36	100.53	96.16	91.79	87.42
			27101	.3125	5/16" 7.937	8.0	116	76	64	36	121.37	116.09	110.82	105.54
	28605			.3130	7.950	8.0	79	41	29	36	84.39	80.72	77.05	73.38
		25595		.3130	7.950	8.0	91	53	41	36	100.53	96.16	91.79	87.42
			27102	.3130	7.950	8.0	116	76	64	36	121.37	116.09	110.82	105.54
	28615			.3150	8.000	8.0	79	41	29	36	84.39	80.72	77.05	73.38
		25605		.3150	8.000	8.0	91	53	41	36	100.53	96.16	91.79	87.42
			27104	.3150	8.000	8.0	116	76	64	36	121.37	116.09	110.82	105.54
	28625			.3189	8.100	10.0	89	47	35	40	113.71	108.77	103.82	98.88
		25610		.3189	8.100	10.0	103	61	49	40	129.52	123.89	118.26	112.63
	28635			.3228	8.200	10.0	89	47	35	40	113.71	108.77	103.82	98.88
		25615		.3228	8.200	10.0	103	61	49	40	129.52	123.89	118.26	112.63
<b>NEW</b>	28638			.3230	P 8.204	10.0	89	47	35	40	113.71	108.77	103.82	98.88
<b>NEW</b>		25618		.3230	P 8.204	10.0	103	61	49	40	129.52	123.89	118.26	112.63
<b>NEW</b>			27108	.3230	P 8.204	10.0	131	87	75	40	165.51	158.31	151.12	143.92
	28645			.3268	8.300	10.0	89	47	35	40	113.71	108.77	103.82	98.88
		25625		.3268	8.300	10.0	103	61	49	40	129.52	123.89	118.26	112.63
	28648			.3281	21/64" 8.333	10.0	89	47	35	40	113.71	108.77	103.82	98.88
		25628		.3281	21/64" 8.333	10.0	103	61	49	40	129.52	123.89	118.26	112.63
			27112	.3281	21/64" 8.333	10.0	131	87	75	40	165.51	158.31	151.12	143.92
	28655			.3287	8.350	10.0	89	47	34	40	113.71	108.77	103.82	98.88
		25635		.3287	8.350	10.0	103	61	48	40	129.52	123.89	118.26	112.63
			27114	.3287	8.350	10.0	131	87	74	40	165.51	158.31	151.12	143.92
	28665			.3307	8.400	10.0	89	47	34	40	113.71	108.77	103.82	98.88
		25640		.3307	8.400	10.0	103	61	48	40	129.52	123.89	118.26	112.63
	28675			.3346	8.500	10.0	89	47	34	40	113.71	108.77	103.82	98.88
		25645		.3346	8.500	10.0	103	61	48	40	129.52	123.89	118.26	112.63
			27118	.3346	8.500	10.0	131	87	74	40	165.51	158.31	151.12	143.92
	28685			.3386	8.600	10.0	89	47	34	40	113.71	108.77	103.82	98.88
		25655		.3386	8.600	10.0	103	61	48	40	129.52	123.89	118.26	112.63
			27121	.3386	8.600	10.0	131	87	74	40	165.51	158.31	151.12	143.92

continued →

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

.3390" - .3906"  
(8.610mm - 9.920mm)

3xD (1580KD) EDP#	5xD (1280KD) EDP#	7xD (1880KD) EDP#	d1		d2 Shank Diameter	l1 Overall Length	l2 Flute Length	l5 Max Drill Depth	l4 Shank Length	1-11	12-24	25-49	50-100	
			Decimal	Metric										
28688			.3390	R	8.610	10.0	89	47	34	40	113.71	108.77	103.82	98.88
	25658		.3390	R	8.610	10.0	103	61	48	40	129.52	123.89	118.26	112.63
		27122	.3390	R	8.610	10.0	131	87	74	40	165.51	158.31	151.12	143.92
28695			.3425		8.700	10.0	89	47	34	40	113.71	108.77	103.82	98.88
	25665		.3425		8.700	10.0	103	61	48	40	129.52	123.89	118.26	112.63
		27124	.3425		8.700	10.0	131	87	74	40	165.51	158.31	151.12	143.92
28698			.3438	11/32"	8.732	10.0	89	47	34	40	113.71	108.77	103.82	98.88
	25670		.3438	11/32"	8.732	10.0	103	61	48	40	129.52	123.89	118.26	112.63
		27126	.3438	11/32"	8.732	10.0	131	87	74	40	165.51	158.31	151.12	143.92
28725			.3445		8.750	10.0	89	47	34	40	113.71	108.77	103.82	98.88
	25675		.3445		8.750	10.0	103	61	48	40	129.52	123.89	118.26	112.63
		27128	.3445		8.750	10.0	131	87	74	40	165.51	158.31	151.12	143.92
28735			.3465		8.800	10.0	89	47	34	40	113.71	108.77	103.82	98.88
	25685		.3465		8.800	10.0	103	61	48	40	129.52	123.89	118.26	112.63
		27130	.3465		8.800	10.0	131	87	74	40	165.51	158.31	151.12	143.92
28745			.3504		8.900	10.0	89	47	34	40	113.71	108.77	103.82	98.88
	25695		.3504		8.900	10.0	103	61	48	40	129.52	123.89	118.26	112.63
28755			.3543		9.000	10.0	89	47	34	40	113.71	108.77	103.82	98.88
	25705		.3543		9.000	10.0	103	61	48	40	129.52	123.89	118.26	112.63
		27134	.3543		9.000	10.0	131	87	74	40	165.51	158.31	151.12	143.92
28765			.3583		9.100	10.0	89	47	33	40	113.71	108.77	103.82	98.88
	25715		.3583		9.100	10.0	103	61	47	40	129.52	123.89	118.26	112.63
28768			.3594	23/64"	9.128	10.0	89	47	33	40	113.71	108.77	103.82	98.88
	25720		.3594	23/64"	9.128	10.0	103	61	47	40	129.52	123.89	118.26	112.63
		27138	.3594	23/64"	9.128	10.0	139	95	84	40	165.51	158.31	151.12	143.92
	25725		.3602		9.150	10.0	103	61	47	40	129.52	123.89	118.26	112.63
NEW		27140	.3602		9.150	10.0	139	95	81	40	165.51	158.31	151.12	143.92
28815			.3622		9.200	10.0	89	47	33	40	113.71	108.77	103.82	98.88
	25735		.3622		9.200	10.0	103	61	47	40	129.52	123.89	118.26	112.63
28825			.3661		9.300	10.0	89	47	33	40	113.71	108.77	103.82	98.88
	25745		.3661		9.300	10.0	103	61	47	40	129.52	123.89	118.26	112.63
28845			.3701		9.400	10.0	89	47	33	40	113.71	108.77	103.82	98.88
	25750		.3701		9.400	10.0	103	61	47	40	129.52	123.89	118.26	112.63
28855			.3740		9.500	10.0	89	47	33	40	113.71	108.77	103.82	98.88
	25755		.3740		9.500	10.0	103	61	47	40	129.52	123.89	118.26	112.63
NEW		27146	.3740		9.500	10.0	139	95	81	40	165.51	158.31	151.12	143.92
28858			.3750	3/8"	9.525	10.0	89	47	33	40	113.71	108.77	103.82	98.88
	25760		.3750	3/8"	9.525	10.0	103	61	47	40	129.52	123.89	118.26	112.63
		27148	.3750	3/8"	9.525	10.0	139	95	81	40	165.51	158.31	151.12	143.92
28875			.3760		9.550	10.0	89	47	33	40	113.71	108.77	103.82	98.88
	25765		.3760		9.550	10.0	103	61	47	40	129.52	123.89	118.26	112.63
NEW		27150	.3760		9.550	10.0	139	95	81	40	165.51	158.31	151.12	143.92
28878			.3780		9.600	10.0	89	47	33	40	113.71	108.77	103.82	98.88
	25767		.3780		9.600	10.0	103	61	47	40	129.52	123.89	118.26	112.63
		27152	.3780		9.600	10.0	139	95	81	40	165.51	158.31	151.12	143.92
28882			.3819		9.700	10.0	89	47	32	40	113.71	108.77	103.82	98.88
	25770		.3819		9.700	10.0	103	61	46	40	129.52	123.89	118.26	112.63
28885			.3858		9.800	10.0	89	47	32	40	113.71	108.77	103.82	98.88
	25775		.3858		9.800	10.0	103	61	46	40	129.52	123.89	118.26	112.63
28895			.3898		9.900	10.0	89	47	32	40	113.71	108.77	103.82	98.88
	25785		.3898		9.900	10.0	103	61	46	40	129.52	123.89	118.26	112.63
		27160	.3898		9.900	10.0	139	95	80	40	165.51	158.31	151.12	143.92
28898			.3906	25/64"	9.920	10.0	89	47	32	40	113.71	108.77	103.82	98.88
	25787		.3906	25/64"	9.920	10.0	103	61	46	40	129.52	123.89	118.26	112.63
		27162	.3906	25/64"	9.920	10.0	139	95	80	40	165.51	158.31	151.12	143.92

# Series 1580KD, 1280KD, 1880KD (continued)

.3937" - .4688"  
(10.000mm - 11.907mm)

HIGH PERFORMANCE  
DRILLS

3xD (1580KD) EDP#	5xD (1280KD) EDP#	7xD (1880KD) EDP#	<i>d1</i> Diameter		<i>d2</i> Shank Diameter	<i>l1</i> Overall Length	<i>l2</i> Flute Length	<i>l5</i> Max Drill Depth	<i>l4</i> Shank Length	1-11	12-24	25-49	50-100
			Decimal	Metric									
28905			.3937	10.000	10.0	89	47	32	40	113.71	108.77	103.82	98.88
	25795		.3937	10.000	10.0	103	61	46	40	129.52	123.89	118.26	112.63
		27164	.3937	10.000	10.0	139	95	80	40	165.51	158.31	151.12	143.92
28925			.3976	10.100	12.0	102	55	40	45	147.23	140.83	134.43	128.03
	25800		.3976	10.100	12.0	118	71	56	45	167.05	159.79	152.52	145.26
28935			.4016	10.200	12.0	102	55	40	45	147.23	140.83	134.43	128.03
	25805		.4016	10.200	12.0	118	71	56	45	167.05	159.79	152.52	145.26
28945			.4055	10.300	12.0	102	55	40	45	147.23	140.83	134.43	128.03
	25815		.4055	10.300	12.0	118	71	56	45	167.05	159.79	152.52	145.26
<b>NEW</b>		27170	.4055	10.300	12.0	155	106	91	45	215.11	205.76	196.40	187.05
28948			.4062	13/32"	10.317	12.0	102	55	40	147.23	140.83	134.43	128.03
	25817		.4062	13/32"	10.317	12.0	118	71	56	167.05	159.79	152.52	145.26
		27172	.4062	13/32"	10.317	12.0	155	106	91	215.11	205.76	196.40	187.05
28953			.4130	Z	10.490	12.0	102	55	39	147.23	140.83	134.43	128.03
	25823		.4130	Z	10.490	12.0	118	71	55	167.05	159.79	152.52	145.26
		27178	.4130	Z	10.490	12.0	155	106	90	215.11	205.76	196.40	187.05
28955			.4134	10.500	12.0	102	55	39	45	147.23	140.83	134.43	128.03
	25825		.4134	10.500	12.0	118	71	55	45	167.05	159.79	152.52	145.26
		27180	.4134	10.500	12.0	155	106	90	45	215.11	205.76	196.40	187.05
28965			.4173	10.600	12.0	102	55	39	45	147.23	140.83	134.43	128.03
	25830		.4173	10.600	12.0	118	71	55	45	167.05	159.79	152.52	145.26
<b>NEW</b>		27182	.4173	10.600	12.0	155	106	90	45	215.11	205.76	196.40	187.05
28975			.4213	10.700	12.0	102	55	39	45	147.23	140.83	134.43	128.03
	25835		.4213	10.700	12.0	118	71	55	45	167.05	159.79	152.52	145.26
<b>NEW</b>		27184	.4213	10.700	12.0	155	106	90	45	215.11	205.76	196.40	187.05
28978			.4219	27/64"	10.716	12.0	102	55	39	147.23	140.83	134.43	128.03
	25838		.4219	27/64"	10.716	12.0	118	71	55	167.05	159.79	152.52	145.26
		27186	.4219	27/64"	10.716	12.0	155	106	90	215.11	205.76	196.40	187.05
28985			.4252	10.800	12.0	102	55	39	45	147.23	140.83	134.43	128.03
	25845		.4252	10.800	12.0	118	71	55	45	167.05	159.79	152.52	145.26
28995			.4331	11.000	12.0	102	55	39	45	147.23	140.83	134.43	128.03
	25855		.4331	11.000	12.0	118	71	55	45	167.05	159.79	152.52	145.26
		27190	.4331	11.000	12.0	163	114	98	45	215.11	205.76	196.40	187.05
29005			.4370	11.100	12.0	102	55	38	45	147.23	140.83	134.43	128.03
	25865		.4370	11.100	12.0	118	71	54	45	167.05	159.79	152.52	145.26
29008			.4375	7/16"	11.112	12.0	102	55	38	147.23	140.83	134.43	128.03
	25868		.4375	7/16"	11.112	12.0	118	71	54	167.05	159.79	152.52	145.26
		27194	.4375	7/16"	11.112	12.0	163	114	97	215.11	205.76	196.40	187.05
29015			.4409	11.200	12.0	102	55	38	45	147.23	140.83	134.43	128.03
	25875		.4409	11.200	12.0	118	71	54	45	167.05	159.79	152.52	145.26
29025			.4488	11.400	12.0	102	55	38	45	147.23	140.83	134.43	128.03
	25880		.4488	11.400	12.0	118	71	54	45	167.05	159.79	152.52	145.26
29035			.4528	11.500	12.0	102	55	38	45	147.23	140.83	134.43	128.03
	25885		.4528	11.500	12.0	118	71	54	45	167.05	159.79	152.52	145.26
<b>NEW</b>	29038		.4531	29/64"	11.508	12.0	102	55	38	147.23	140.83	134.43	128.03
	25888		.4531	29/64"	11.508	12.0	118	71	54	167.05	159.79	152.52	145.26
		27200	.4531	29/64"	11.508	12.0	163	114	97	215.11	205.76	196.40	187.05
29045			.4606	11.700	12.0	102	55	37	45	147.23	140.83	134.43	128.03
	25895		.4606	11.700	12.0	118	71	53	45	167.05	159.79	152.52	145.26
29055			.4685	11.900	12.0	102	55	37	45	147.23	140.83	134.43	128.03
29058			.4688	15/32"	11.907	12.0	102	55	37	147.23	140.83	134.43	128.03
	25910		.4688	15/32"	11.907	12.0	118	71	53	167.05	159.79	152.52	145.26
		27208	.4688	15/32"	11.907	12.0	163	114	96	215.11	205.76	196.40	187.05

continued →

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

.4724" - .5610"  
(12.000mm - 14.250mm)

	3xD (1580KD) EDP#	5xD (1280KD) EDP#	7xD (1880KD) EDP#	d1 Diameter		d2 Shank Diameter	l1 Overall Length	l2 Flute Length	l5 Max Drill Depth	l4 Shank Length	1-11	12-24	25-49	50-100
				Decimal	Metric									
	29065			.4724	12.000	12.0	102	55	37	45	147.23	140.83	134.43	128.03
		25915		.4724	12.000	12.0	118	71	53	45	167.05	159.79	152.52	145.26
NEW			27210	.4724	12.000	12.0	163	114	96	45	215.11	205.76	196.40	187.05
	29075			.4764	12.100	14.0	107	60	42	45	205.67	196.72	187.78	178.84
		25925		.4764	12.100	14.0	124	77	59	45	246.47	235.75	225.04	214.32
	29085			.4803	12.200	14.0	107	60	42	45	205.67	196.72	187.78	178.84
		25930		.4803	12.200	14.0	124	77	59	45	246.47	235.75	225.04	214.32
	29095			.4842	12.300	14.0	107	60	42	45	205.67	196.72	187.78	178.84
		25935		.4842	12.300	14.0	124	77	59	45	246.47	235.75	225.04	214.32
	29098			.4844	31/64"	12.303	14.0	107	60	42	205.67	196.72	187.78	178.84
		25937		.4844	31/64"	12.303	14.0	124	77	59	246.47	235.75	225.04	214.32
			27214	.4844	31/64"	12.303	14.0	182	133	115	287.20	274.71	262.23	249.74
	29115			.4921	12.500	14.0	107	60	41	45	205.67	196.72	187.78	178.84
		25945		.4921	12.500	14.0	124	77	58	45	246.47	235.75	225.04	214.32
			27218	.4921	12.500	14.0	182	133	114	45	287.20	274.71	262.23	249.74
	29125			.4961	12.600	14.0	107	60	41	45	205.67	196.72	187.78	178.84
		25950		.4961	12.600	14.0	124	77	58	45	246.47	235.75	225.04	214.32
	29135			.5000	1/2"	12.700	14.0	107	60	41	205.67	196.72	187.78	178.84
		25955		.5000	1/2"	12.700	14.0	124	77	58	246.47	235.75	225.04	214.32
			27220	.5000	1/2"	12.700	14.0	182	133	114	287.20	274.71	262.23	249.74
	29145			.5039	12.800	14.0	107	60	41	45	205.67	196.72	187.78	178.84
		25960		.5039	12.800	14.0	124	77	58	45	246.47	235.75	225.04	214.32
	29148			.5051	12.830	14.0	107	60	41	45	205.67	196.72	187.78	178.84
		25961		.5051	12.830	14.0	124	77	58	45	246.47	235.75	225.04	214.32
NEW			27224	.5051	12.830	14.0	182	133	114	45	287.20	274.71	262.23	249.74
	29155			.5079	12.900	14.0	107	60	41	45	205.67	196.72	187.78	178.84
NEW			27226	.5079	12.900	14.0	182	133	114	45	287.20	274.71	262.23	249.74
	29161			.5098	12.950	14.0	107	60	41	45	197.75	189.16	180.56	171.96
NEW			27228	.5098	12.950	14.0	182	133	114	45	287.20	274.71	262.23	249.74
	29165			.5118	13.000	14.0	107	60	41	45	205.67	196.72	187.78	178.84
		25965		.5118	13.000	14.0	124	77	58	45	246.47	235.75	225.04	214.32
			27230	.5118	13.000	14.0	182	133	114	45	287.20	274.71	262.23	249.74
	29175			.5157	13.100	14.0	107	60	40	45	205.67	196.72	187.78	178.84
		25975		.5157	13.100	14.0	124	77	57	45	246.47	235.75	225.04	214.32
	29181			.5236	13.300	14.0	107	60	40	45	205.67	196.72	187.78	178.84
	29184			.5312	17/32"	13.492	14.0	107	60	40	205.67	196.72	187.78	178.84
		25983		.5312	17/32"	13.492	14.0	124	77	57	246.47	235.75	225.04	214.32
			27238	.5312	17/32"	13.492	14.0	182	133	113	287.20	274.71	262.23	249.74
	29185			.5315	13.500	14.0	107	60	40	45	205.67	196.72	187.78	178.84
		25985		.5315	13.500	14.0	124	77	57	45	246.47	235.75	225.04	214.32
NEW			27240	.5315	13.500	14.0	182	133	113	45	287.20	274.71	262.23	249.74
	29195			.5394	13.700	14.0	107	60	39	45	205.67	196.72	187.78	178.84
		25995		.5394	13.700	14.0	124	77	56	45	246.47	235.75	225.04	214.32
	29205			.5433	13.800	14.0	107	60	39	45	205.67	196.72	187.78	178.84
		26005		.5433	13.800	14.0	124	77	56	45	246.47	235.75	225.04	214.32
	29215			.5512	14.000	14.0	107	60	39	45	205.67	196.72	187.78	178.84
		26015		.5512	14.000	14.0	124	77	56	45	246.47	235.75	225.04	214.32
			27250	.5512	14.000	14.0	182	133	112	45	287.20	274.71	262.23	249.74
	29225			.5551	14.100	16.0	115	65	44	48	251.39	240.46	229.53	218.60
		26025		.5551	14.100	16.0	133	83	62	48	327.73	313.48	299.23	284.98
	29235			.5591	14.200	16.0	115	65	44	48	251.39	240.46	229.53	218.60
		26027		.5591	14.200	16.0	133	83	62	48	327.73	313.48	299.23	284.98
	29245			.5610	14.250	16.0	115	65	44	48	251.39	240.46	229.53	218.60



# Series 1580KD, 1280KD, 1880KD (continued)

.5625" - .7283"  
(14.287mm - 18.500mm)

HIGH PERFORMANCE  
DRILLS

3xD (1580KD) EDP#	5xD (1280KD) EDP#	7xD (1880KD) EDP#	d1 Diameter		d2 Shank Diameter	l1 Overall Length	l2 Flute Length	l5 Max Drill Depth	l4 Shank Length	1-11	12-24	25-49	50-100	
			Decimal	Metric										
29250			.5625	9/16"	14.287	16.0	115	65	44	48	251.39	240.46	229.53	218.60
	26042		.5625	9/16"	14.287	16.0	133	83	62	48	327.73	313.48	299.23	284.98
		27254	.5625	9/16"	14.287	16.0	204	152	131	48	379.91	363.40	346.88	330.36
29255			.5630		14.300	16.0	115	65	44	48	251.39	240.46	229.53	218.60
	26045		.5630		14.300	16.0	133	83	62	48	327.73	313.48	299.23	284.98
29265			.5709		14.500	16.0	115	65	43	48	251.39	240.46	229.53	218.60
	26055		.5709		14.500	16.0	133	83	61	48	327.73	313.48	299.23	284.98
<b>NEW</b>		27258	.5709		14.500	16.0	204	152	130	48	379.91	363.40	346.88	330.36
29275			.5787		14.700	16.0	115	65	43	48	251.39	240.46	229.53	218.60
	26065		.5787		14.700	16.0	133	83	61	48	327.73	313.48	299.23	284.98
29285			.5827		14.800	16.0	115	65	43	48	251.39	240.46	229.53	218.60
	26067		.5827		14.800	16.0	133	83	61	48	327.73	313.48	299.23	284.98
29305			.5906		15.000	16.0	115	65	43	48	251.39	240.46	229.53	218.60
	26075		.5906		15.000	16.0	133	83	61	48	327.73	313.48	299.23	284.98
		27264	.5906		15.000	16.0	204	152	130	48	379.91	363.40	346.88	330.36
<b>NEW</b>	29308		.5938	19/32"	15.082	16.0	115	65	42	48	251.39	240.46	229.53	218.60
	26083		.5938	19/32"	15.082	16.0	133	83	60	48	327.73	313.48	299.23	284.98
		27266	.5938	19/32"	15.082	16.0	204	152	129	48	379.91	363.40	346.88	330.36
29315			.5945		15.100	16.0	115	65	42	48	251.39	240.46	229.53	218.60
	26085		.5945		15.100	16.0	133	83	60	48	327.73	313.48	299.23	284.98
<b>NEW</b>		27268	.5945		15.100	16.0	204	152	129	48	379.91	363.40	346.88	330.36
29325			.6102		15.500	16.0	115	65	42	48	251.39	240.46	229.53	218.60
	26095		.6102		15.500	16.0	133	83	60	48	327.73	313.48	299.23	284.98
	26105		.6181		15.700	16.0	133	83	59	48	327.73	313.48	299.23	284.98
29345			.6220		15.800	16.0	115	65	41	48	251.39	240.46	229.53	218.60
	26107		.6220		15.800	16.0	133	83	59	48	327.73	313.48	299.23	284.98
<b>NEW</b>		27276	.6220		15.800	16.0	204	152	128	48	379.91	363.40	346.88	330.36
29348			.6250	5/8"	15.875	16.0	115	65	41	48	251.39	240.46	229.53	218.60
	26108		.6250	5/8"	15.875	16.0	133	83	59	48	327.73	313.48	299.23	284.98
<b>NEW</b>		27278	.6250	5/8"	15.875	16.0	204	152	128	48	379.91	363.40	346.88	330.36
26115			.6299		16.000	16.0	133	83	59	48	327.73	313.48	299.23	284.98
<b>NEW</b>		27282	.6299		16.000	16.0	204	152	128	48	379.91	363.40	346.88	330.36
29363			.6331		16.080	18.0	123	73	49	48	317.85	304.03	290.21	276.39
	26118		.6331		16.080	18.0	143	93	69	48	389.62	372.68	355.74	338.80
29365			.6339		16.100	18.0	123	73	49	48	317.85	304.03	290.21	276.39
	26119		.6339		16.100	18.0	143	93	69	48	389.62	372.68	355.74	338.80
26123			.6378		16.200	18.0	143	93	69	48	389.62	372.68	355.74	338.80
29375			.6398		16.250	18.0	123	73	49	48	317.85	304.03	290.21	276.39
	26125		.6398		16.250	18.0	143	93	69	48	389.62	372.68	355.74	338.80
29385			.6496		16.500	18.0	123	73	48	48	317.85	304.03	290.21	276.39
	26135		.6496		16.500	18.0	143	93	68	48	389.62	372.68	355.74	338.80
29395			.6555		16.650	18.0	123	73	48	48	317.85	304.03	290.21	276.39
	26145		.6555		16.650	18.0	143	93	68	48	389.62	372.68	355.74	338.80
29405			.6693		17.000	18.0	123	73	48	48	317.85	304.03	290.21	276.39
	26155		.6693		17.000	18.0	143	93	68	48	389.62	372.68	355.74	338.80
29415			.6713		17.050	18.0	123	73	47	48	317.85	304.03	290.21	276.39
	26165		.6713		17.050	18.0	143	93	67	48	389.62	372.68	355.74	338.80
29425			.6870		17.450	18.0	123	73	47	48	317.85	304.03	290.21	276.39
	26175		.6870		17.450	18.0	143	93	67	48	389.62	372.68	355.74	338.80
29435			.6890		17.500	18.0	123	73	47	48	317.85	304.03	290.21	276.39
	26185		.6890		17.500	18.0	143	93	67	48	389.62	372.68	355.74	338.80
29445			.7027		17.850	18.0	123	73	46	48	317.85	304.03	290.21	276.39
	26195		.7027		17.850	18.0	143	93	66	48	389.62	372.68	355.74	338.80
29455			.7087		18.000	18.0	123	73	46	48	317.85	304.03	290.21	276.39
	26205		.7087		18.000	18.0	143	93	66	48	389.62	372.68	355.74	338.80
	26215		.7185		18.250	20.0	153	101	74	50	472.93	452.36	431.80	411.24
	26225		.7283		18.500	20.0	153	101	73	50	472.93	452.36	431.80	411.24

continued →

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

.7342" - .7874"  
(18.650mm - 20.000mm)

3xD (1580KD) EDP#	5xD (1280KD) EDP#	7xD (1880KD) EDP#	d1 Diameter		d2 Shank Diameter	l1 Overall Length	l2 Flute Length	l5 Max Drill Depth	l4 Shank Length	1-11	12-24	25-49	50-100
			Decimal	Metric									
	26235		.7342	18.650	20.0	153	101	73	50	472.93	452.36	431.80	411.24
	26245		.7480	19.000	20.0	153	101	73	50	472.93	452.36	431.80	411.24
29505			.7500	3/4"	19.050	20.0	131	79	50	419.91	401.65	383.40	365.14
	26255		.7500	3/4"	19.050	20.0	153	101	72	472.93	452.36	431.80	411.24
29545			.7579	19.250	20.0	131	79	50	50	419.91	401.65	383.40	365.14
29546			.7590	19.280	20.0	131	79	50	50	419.91	401.65	383.40	365.14
	26260		.7590	19.280	20.0	153	101	72	50	472.93	452.36	431.80	411.24
29551			.7598	19.300	20.0	131	79	50	50	419.91	401.65	383.40	365.14
	26261		.7598	19.300	20.0	153	101	72	50	472.93	452.36	431.80	411.24
29565			.7677	19.500	20.0	131	79	50	50	419.91	401.65	383.40	365.14
	26281		.7795	19.800	20.0	153	101	71	50	472.93	452.36	431.80	411.24
29595			.7815	19.850	20.0	131	79	49	50	419.91	401.65	383.40	365.14
29605			.7874	20.000	20.0	131	79	49	50	419.91	401.65	383.40	365.14

