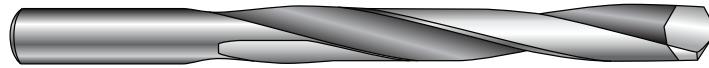


**CARBIDE TIPPED  
JOBBER LENGTH DRILLS**

**ICS USA**

**SPECIAL PURPOSE**

**118° POINT**



**Letter Sizes (Straight Shank) "A" to "Z" Dia.**

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	CTJD
A	.234	2-5/8	3-7/8	23.82
B	.238	2-3/4	4	23.82
C	.242	2-3/4	4	23.82
D	.246	2-3/4	4	23.38
E	.250	2-3/4	4	22.78
F	.257	2-7/8	4-1/8	26.88
G	.261	2-7/8	4-1/8	27.44
H	.266	2-7/8	4-1/8	28.06
I	.272	2-7/8	4-1/8	27.44

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	CTJD
J	.277	2-7/8	4-1/8	28.06
K	.281	2-15/16	4-1/4	28.06
L	.290	2-15/16	4-1/4	28.06
M	.295	3-1/16	4-3/8	30.96
N	.302	3-1/16	4-3/8	30.26
O	.316	3-3/16	4-1/2	29.72
P	.323	3-5/16	4-5/8	31.70
Q	.332	3-7/16	4-3/4	32.40
R	.339	3-7/16	4-3/4	31.70

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	CTJD
S	.348	3-1/2	4-7/8	34.24
T	.358	3-1/2	4-7/8	34.92
U	.368	3-5/8	5	33.50
V	.377	3-5/8	5	34.24
W	.386	3-3/4	5-1/8	37.46
X	.397	3-3/4	5-1/8	35.92
Y	.404	3-7/8	5-1/4	37.46
Z	.413	3-7/8	5-1/4	41.46

**Metric Sizes (Straight Shank) 3.00mm to 13.00mm Dia.**

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	CTJDM
3.00	.1181	1-5/8	2-3/4	24.20
3.10	.1220	1-5/8	2-3/4	25.20
3.20	.1260	1-5/8	2-3/4	25.20
3.30	.1299	2	3-1/8	25.20
3.40	.1339	2	3-1/8	25.20
3.50	.1378	2	3-1/8	23.16
3.60	.1417	2	3-1/8	24.20
3.70	.1457	2	3-1/8	24.20
3.80	.1496	2	3-1/8	24.20
3.90	.1536	2	3-1/8	24.20
4.00	.1575	2	3-1/8	22.70
4.10	.1614	2-5/16	3-1/2	21.86
4.20	.1654	2-5/16	3-1/2	23.16
4.30	.1693	2-5/16	3-1/2	23.16
4.40	.1732	2-5/16	3-1/2	23.16
4.50	.1772	2-5/16	3-1/2	24.20
4.60	.1811	2-5/16	3-1/2	26.30
4.70	.1850	2-5/16	3-1/2	19.30
4.80	.1890	2-5/16	3-1/2	20.08
4.90	.1929	2-1/2	3-3/4	26.30
5.00	.1969	2-1/2	3-3/4	25.20
5.10	.2008	2-1/2	3-3/4	27.68
5.20	.2047	2-1/2	3-3/4	27.68
5.30	.2087	2-1/2	3-3/4	27.68
5.40	.2126	2-1/2	3-3/4	27.68
5.50	.2165	2-1/2	3-3/4	26.80
5.60	.2205	2-1/2	3-3/4	28.30
5.70	.2244	2-3/4	4	28.30
5.80	.2283	2-3/4	4	28.30
5.90	.2323	2-3/4	4	28.30
6.00	.2362	2-3/4	4	27.72
6.10	.2402	2-3/4	4	29.32
6.20	.2441	2-3/4	4	29.32
6.30	.2480	2-3/4	4	29.32

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	CTJDM
6.40	.2520	2-3/4	4	29.32
6.50	.2559	2-15/16	4-1/4	28.76
6.60	.2598	2-15/16	4-1/4	30.74
6.70	.2638	2-15/16	4-1/4	30.74
6.80	.2677	2-15/16	4-1/4	31.10
6.90	.2717	2-15/16	4-1/4	31.10
7.00	.2756	2-15/16	4-1/4	30.06
7.10	.2795	2-15/16	4-1/4	31.50
7.20	.2835	2-15/16	4-1/4	31.50
7.30	.2874	3-3/16	4-1/2	31.50
7.40	.2913	3-3/16	4-1/2	31.50
7.50	.2953	3-3/16	4-1/2	31.50
7.60	.2992	3-3/16	4-1/2	33.00
7.70	.3031	3-3/16	4-1/2	33.00
7.80	.3071	3-3/16	4-1/2	33.00
7.90	.3110	3-3/16	4-1/2	33.00
8.00	.3150	3-3/16	4-1/2	32.24
8.10	.3189	3-7/16	4-3/4	35.18
8.20	.3228	3-7/16	4-3/4	35.18
8.30	.3268	3-7/16	4-3/4	35.18
8.40	.3307	3-7/16	4-3/4	35.18
8.50	.3346	3-7/16	4-3/4	33.70
8.60	.3386	3-7/16	4-3/4	35.18
8.70	.3425	3-7/16	4-3/4	35.18
8.80	.3465	3-7/16	4-3/4	35.18
8.90	.3504	3-5/8	5	35.18
9.00	.3543	3-5/8	5	34.44
9.10	.3583	3-5/8	5	38.12
9.20	.3622	3-5/8	5	38.12
9.30	.3661	3-5/8	5	38.12
9.40	.3701	3-5/8	5	38.12
9.50	.3740	3-5/8	5	37.36
9.60	.3780	3-5/8	5	38.74
9.70	.3819	3-7/8	5-1/4	38.74

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	CTJDM
9.80	.3858	3-7/8	5-1/4	38.74
9.90	.3898	3-7/8	5-1/4	38.74
10.00	.3937	3-7/8	5-1/4	38.74
10.10	.3976	3-7/8	5-1/4	46.16
10.20	.4016	3-7/8	5-1/4	46.16
10.30	.4055	3-7/8	5-1/4	46.16
10.40	.4094	3-7/8	5-1/4	46.16
10.50	.4134	4-1/16	5-1/2	44.62
10.60	.4173	4-1/16	5-1/2	50.56
10.70	.4213	4-1/16	5-1/2	50.56
10.80	.4252	4-1/16	5-1/2	50.56
10.90	.4291	4-1/16	5-1/2	50.56
11.00	.4331	4-1/16	5-1/2	48.34
11.10	.4370	4-1/16	5-1/2	56.38
11.20	.4409	4-1/16	5-1/2	56.38
11.30	.4449	4-5/16	5-3/4	56.38
11.40	.4488	4-5/16	5-3/4	56.38
11.50	.4528	4-5/16	5-3/4	54.22
11.60	.4567	4-5/16	5-3/4	61.54
11.70	.4606	4-5/16	5-3/4	61.54
11.80	.4646	4-5/16	5-3/4	61.54
11.90	.4685	4-5/16	5-3/4	61.54
12.00	.4724	4-5/16	5-3/4	58.66
12.10	.4764	4-1/2	6	63.78
12.20	.4803	4-1/2	6	63.78
12.30	.4848	4-1/2	6	63.78
12.40	.4882	4-1/2	6	63.78
12.50	.4921	4-1/2	6	60.82
12.60	.4961	4-1/2	6	66.00
12.80	.5039	4-1/2	6	66.00
12.90	.5079	4-13/16	6-5/8	66.00
13.00	.5118	4-13/16	6-5/8	62.30