

SOLID CARBIDE JOBBER LENGTH DRILLS

ICS USA

SPECIAL PURPOSE

118° & 150° POINT



Wire Gauge Sizes (Straight Shank) #1 to #80 Dia.

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	SOLID CARBIDE	
				BRIGHT FINISH 118° POINT	BRIGHT FINISH 150° POINT
				SCJD	SCJD3F
1	.2280	1-3/4	3	40.48	51.92
2	.2210	1-3/4	3	39.00	51.04
3	.2130	1-3/4	3	37.30	49.74
4	.2090	1-3/4	3	36.44	49.52
5	.2055	1-3/4	3	35.58	49.06
6	.2040	1-3/4	3	35.58	48.96
7	.2010	1-3/4	3	34.68	44.38
8	.1990	1-3/4	3	34.28	43.88
9	.1960	1-3/4	3	33.82	42.68
10	.1935	1-5/8	2-3/4	33.32	42.08
11	.1910	1-5/8	2-3/4	32.98	41.50
12	.1890	1-5/8	2-3/4	32.98	40.92
13	.1850	1-5/8	2-3/4	32.40	39.98
14	.1820	1-5/8	2-3/4	31.72	39.66
15	.1800	1-5/8	2-3/4	31.10	39.30
16	.1770	1-5/8	2-3/4	31.10	38.56
17	.1730	1-5/8	2-3/4	29.66	38.20
18	.1695	1-5/8	2-3/4	27.82	36.18
19	.1660	1-5/8	2-3/4	27.34	35.94
20	.1610	1-3/8	2-1/2	26.18	35.40
21	.1590	1-3/8	2-1/2	26.18	35.14
22	.1570	1-3/8	2-1/2	25.20	34.62
23	.1540	1-3/8	2-1/2	25.20	33.56
24	.1520	1-3/8	2-1/2	24.28	33.06
25	.1495	1-3/8	2-1/2	23.52	32.60
26	.1470	1-3/8	2-1/2	23.52	32.50
27	.1440	1-3/8	2-1/2	23.18	32.26
28	.1405	1-3/8	2-1/2	22.44	31.66
29	.1360	1-3/8	2-1/2	22.44	30.64
30	.1285	1-1/4	2-1/4	21.18	28.54
31	.1200	1-1/4	2-1/4	19.68	27.20
32	.1160	1-1/4	2-1/4	19.92	26.56
33	.1130	1-1/4	2-1/4	19.60	26.24
34	.1110	1-1/4	2-1/4	18.90	25.94
35	.1100	1-1/4	2-1/4	18.90	25.62
36	.1065	1-1/4	2-1/4	18.90	24.98
37	.1040	1-1/4	2-1/4	18.30	-
38	.1015	1-1/4	2-1/4	17.84	-
39	.0995	1-1/4	2-1/4	17.84	-
40	.0980	1	2	17.36	-

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	SOLID CARBIDE	
				BRIGHT FINISH 118° POINT	
				SCJD	
41	.0960	1	2	17.14	
42	.0935	1	2	16.70	
43	.0890	1	2	16.46	
44	.0860	1	2	16.02	
45	.0820	7/8	1-3/4	15.46	
46	.0810	7/8	1-3/4	15.46	
47	.0785	7/8	1-3/4	15.14	
48	.0760	7/8	1-3/4	15.14	
49	.0730	7/8	1-3/4	14.78	
50	.0700	7/8	1-3/4	14.78	
51	.0670	3/4	1-1/2	14.70	
52	.0635	3/4	1-1/2	14.70	
53	.0595	3/4	1-1/2	14.70	
54	.0550	3/4	1-1/2	14.70	
55	.0520	3/4	1-1/2	14.70	
56	.0465	3/4	1-1/2	14.70	
57	.0430	3/4	1-1/2	18.20	
58	.0420	3/4	1-1/2	18.20	
59	.0410	3/4	1-1/2	18.20	
60	.0400	3/4	1-1/2	18.20	
61	.0390	5/8	1-1/2	18.46	
62	.0380	5/8	1-1/2	18.74	
63	.0370	5/8	1-1/2	18.98	
64	.0360	5/8	1-1/2	19.36	
65	.0350	5/8	1-1/2	19.68	
66	.0330	1/2	1-1/4	19.92	
67	.0320	1/2	1-1/4	20.16	
68	.0310	1/2	1-1/4	20.48	
69	.0292	1/2	1-1/4	20.76	
70	.0280	1/2	1-1/4	21.02	
71	.0260	5/16	1	21.40	
72	.0250	5/16	1	21.66	
73	.0240	1/4	7/8	21.92	
74	.0225	1/4	7/8	22.20	
75	.0210	1/4	7/8	22.48	
76	.0200	1/4	7/8	22.94	
77	.0180	3/16	3/4	23.04	
78	.0160	3/16	3/4	23.38	
79	.0145	3/16	3/4	23.66	
80	.0135	3/16	3/4	23.96	

Metric Sizes (Straight Shank) .70mm to 12.00mm Dia.

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	SOLID CARBIDE	
				BRIGHT FINISH 118° POINT	BRIGHT FINISH 150° POINT
				SCJDM	SCJDM3F
.70	.0276	1/2	1-1/4	17.74	-
.80	.0315	1/2	1-1/4	17.74	-
.90	.0354	5/8	1-3/8	17.74	-
1.00	.0394	3/4	1-1/2	17.74	-
1.50	.0591	3/4	1-1/2	17.94	-
2.00	.0781	7/8	1-3/4	19.06	-
2.50	.0984	1	2	21.82	-
3.00	.1181	1-1/4	2-1/4	24.44	26.88
3.50	.1378	1-3/8	2-1/2	26.56	31.12
4.00	.1575	1-3/8	2-1/2	32.72	34.86
4.50	.1772	1-5/8	2-3/4	35.00	38.92
5.00	.1969	1-3/4	3	38.74	43.28
5.50	.2165	1-3/4	3	45.92	49.92

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	SOLID CARBIDE	
				BRIGHT FINISH 118° POINT	BRIGHT FINISH 150° POINT
				SCJDM	SCJDM3F
6.00	.2362	2	3-1/4	48.54	53.90
6.50	.2559	2	3-1/4	54.42	55.94
7.00	.2756	2-1/8	3-1/2	59.56	64.60
7.50	.2953	2-3/8	3-3/4	65.06	73.14
8.00	.3150	2-3/8	3-3/4	73.36	81.84
8.50	.3346	2-1/2	4	80.32	90.80
9.00	.3543	2-3/4	4-1/4	91.20	100.74
9.50	.3740	2-3/4	4-1/4	104.12	106.02
10.00	.3937	2-7/8	4-1/2	119.54	130.62
10.50	.4134	2-7/8	4-1/2	133.62	145.34
11.00	.4331	2-7/8	4-1/2	159.04	152.38
11.50	.4528	2-7/8	4-1/2	163.84	158.52
12.00	.4724	3	4-3/4	181.82	173.56