

**CARBIDE TIPPED
DIE DRILLS**

ICS USA

SPECIAL PURPOSE

118° POINT



**TWO STRAIGHT
FLUTES**

Carbide Tipped Straight Flute Die Drills are designed for drilling into 48-65 RC hardened steels, such as dies, bearing races, and safes. Often used as a reamer or core drill to produce close diameter holes. Tolerance +.000-.001.

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	PRICE CTDD
3/16	.1875	1-1/2	3-1/2	\$28.32
13/64	.2031	1-3/4	3-3/4	29.20
7/32	.2188	1-3/4	3-3/4	29.20
15/64	.2344	2	4	30.34
1/4	.2500	2	4	30.34
17/64	.2656	2-1/4	4-1/4	32.10
9/32	.2812	2-1/4	4-1/4	32.10
19/64	.2969	2-1/2	4-1/2	33.50
5/16	.3125	2-1/2	4-1/2	33.50
21/64	.3281	2-3/4	4-3/4	36.26
11/32	.3438	2-3/4	4-3/4	47.94
23/64	.3594	3	5	38.54
3/8	.3750	3	5	38.54
25/64	.3906	3	5-1/4	44.92
13/32	.4062	3	5-1/4	44.92
27/64	.4219	3	5-1/2	52.12
7/16	.4375	3	5-1/2	52.12

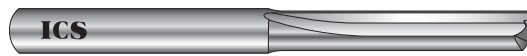
SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	PRICE CTDD
29/64	.4531	3-1/4	5-3/4	\$57.40
15/32	.4688	3-1/4	5-3/4	57.40
31/64	.4844	3-1/2	6	76.90
1/2	.5000	3-1/2	6	67.08
17/32	.5312	3-1/2	6	76.90
9/16	.5625	3-1/2	6	79.66
19/32	.5938	4	7	84.22
5/8	.6250	4	7	91.52
21/32	.6562	4-1/2	7-1/2	102.96
11/16	.6875	4-1/2	7-1/2	105.84
23/32	.7188	4-3/4	8	111.00
3/4	.7500	4-3/4	8	113.92
13/16	.8125	4-3/4	8	204.18
7/8	.8750	4-3/4	8	208.44
15/16	.9375	4-3/4	8	232.20
1	1.0000	4-3/4	8	246.30

**PREMIUM (10% COBALT) MICROGRAIN
SOLID CARBIDE DIE DRILLS**

ICS USA

SPECIAL PURPOSE

135° FOUR FACET POINT



**TWO STRAIGHT
FLUTES**

Solid Carbide Straight Flute Die Drills are designed for drilling shallow holes in 48-60 RC hardened steels, stainless steels, and high temperature alloys. Drills produce such accurate holes that extra reaming operations can usually be eliminated. Use rigid setups.

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	PRICE SCDD
3/64	.0469	1/2	1-1/2	\$14.74
1/16	.0625	1/2	1-1/2	15.18
5/64	.0781	1/2	1-1/2	15.92
3/32	.0937	1/2	2	16.18
7/64	.1094	5/8	2	19.00
1/8	.1250	5/8	2	14.66
9/64	.1406	3/4	2	17.52
5/32	.1562	3/4	2-1/2	18.36
11/64	.1719	3/4	2-1/2	23.74
3/16	.1875	3/4	2-1/2	21.74
13/64	.2031	3/4	2-1/2	27.78
7/32	.2188	1	2-1/2	27.72
15/64	.2344	1	2-1/2	29.90
1/4	.2500	1	2-1/2	31.26
17/64	.2655	1	2-1/2	44.22

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	PRICE SCDD
9/32	.2812	1	2-1/2	\$47.20
19/64	.2969	1-1/4	3	49.60
5/16	.3125	1-1/4	3	49.60
21/64	.3281	1-1/4	3	53.64
11/32	.3438	1-1/4	3	59.90
23/64	.3594	1-1/4	3	65.12
3/8	.3750	1-1/4	3	70.96
25/64	.3906	1-1/4	3	80.20
13/32	.4062	1-1/4	3	89.60
27/64	.4219	1-1/4	3	98.72
7/16	.4375	1-1/4	3	100.52
29/64	.4531	1-1/4	3	104.56
15/32	.4687	1-1/4	3	104.56
31/64	.4844	1-1/4	3	104.56
1/2	.5000	1-1/4	3	107.74

TOLERANCES
Drill Dia.: +.0000 -.0005"
Shank Dia.: +.0000 -.001"