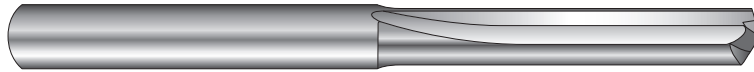


**PREMIUM (10% COBALT) MICROGRAIN  
SOLID CARBIDE DIE DRILLS**

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	ITEM NO.	PRICE
3/64	.0469	1/2	1-1/2	SCDD003	15.48
1/16	.0625	1/2	1-1/2	SCDD004	15.94
5/64	.0781	1/2	1-1/2	SCDD005	16.72
3/32	.0937	1/2	2	SCDD006	17.00
7/64	.1094	5/8	2	SCDD007	19.96
1/8	.1250	5/8	2	SCDD008	15.40
9/64	.1406	3/4	2	SCDD009	18.40
5/32	.1562	3/4	2-1/2	SCDD010	19.28
11/64	.1719	3/4	2-1/2	SCDD011	24.94
3/16	.1875	3/4	2-1/2	SCDD012	22.84
13/64	.2031	3/4	2-1/2	SCDD013	29.18
7/32	.2188	1	2-1/2	SCDD014	29.12
15/64	.2344	1	2-1/2	SCDD015	31.40
1/4	.2500	1	2-1/2	SCDD016	32.82
17/64	.2655	1	2-1/2	SCDD017	46.44

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	ITEM NO.	PRICE
9/32	.2812	1	2-1/2	SCDD018	49.56
19/64	.2969	1-1/4	3	SCDD019	52.08
5/16	.3125	1-1/4	3	SCDD020	52.08
21/64	.3281	1-1/4	3	SCDD021	56.32
11/32	.3438	1-1/4	3	SCDD022	62.90
23/64	.3594	1-1/4	3	SCDD023	68.38
3/8	.3750	1-1/4	3	SCDD024	74.52
25/64	.3906	1-1/4	3	SCDD025	84.22
13/32	.4062	1-1/4	3	SCDD026	94.08
27/64	.4219	1-1/4	3	SCDD027	103.66
7/16	.4375	1-1/4	3	SCDD028	105.56
29/64	.4531	1-1/4	3	SCDD029	109.80
15/32	.4687	1-1/4	3	SCDD030	109.80
31/64	.4844	1-1/4	3	SCDD031	109.80
1/2	.5000	1-1/4	3	SCDD032	113.14

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

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

ICS USA

SPECIAL PURPOSE

118° POINT



Solid Carbide Spade Drills are designed for drilling shallow holes in steels harder than RC 50 and for thin sheet metal applications. Drill diameter tolerances are +.000 -.0005.

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	ITEM NO.	PRICE
1/16	.0625	5/16	1-1/2	SCSD004	13.22
3/32	.0937	7/16	1-1/2	SCSD006	11.84
1/8	.1250	1/2	1-1/2	SCSD008	11.84
5/32	.1562	9/16	2	SCSD010	15.74
3/16	.1875	11/16	2	SCSD012	14.84
7/32	.2188	11/16	2	SCSD014	21.32
1/4	.2500	13/16	2	SCSD016	18.90
9/32	.2812	7/8	2-1/2	SCSD018	27.04

SIZE	DEC. EQUIV.	FLUTE LENGTH	OVERALL LENGTH	ITEM NO.	PRICE
5/16	.3125	7/8	2-1/2	SCSD020	26.36
11/32	.3438	15/16	2-1/2	SCSD022	37.24
3/8	.3750	1-1/8	2-1/2	SCSD024	34.16
13/32	.4062	1-1/8	2-1/2	SCSD026	61.10
7/16	.4375	1-3/16	2-1/2	SCSD028	59.18
15/32	.4687	1-3/16	2-1/2	SCSD030	67.92
1/2	.5000	1-5/16	2-1/2	SCSD032	66.02