


CARBIDE TIPPED TAPER LENGTH DRILLS

ICS USA

SPECIAL PURPOSE

118° POINT

ITEM NO.	ILLUSTRATION	CUTTING APPLICATION	STEEL SPECS	TECHNICAL DATA
CTTLD	 BRIGHT POLISHED FINISH	For production drilling of cast aluminum, hard plastic, fiberglass, cast and ductile iron, and graphite. Does not need rigid setup like solid carbide.	M1 (Body) CARBIDE TIPPED	118° Point Std. Spiral Std. Web

Note: Drilling soft steels can cause braze holding carbide tip to fail or chip due to heat buildup.

Fractional Sizes (Straight Shank) 1/8" to 1" Dia.

DEC. SIZE	FLUTE EQUIV.	OVERALL LENGTH	ITEM NO.	PRICE
1/8	.1250	2-3/4	CTTLD008	15.02
9/64	.1406	3	CTTLD009	18.10
5/32	.1562	3	CTTLD010	16.66
11/64	.1719	3-3/8	CTTLD011	16.88
3/16	.1875	3-3/8	CTTLD012	16.88
13/64	.2031	3-5/8	CTTLD013	17.88
7/32	.2188	3-5/8	CTTLD014	17.88
15/64	.2344	3-3/4	CTTLD015	20.30
1/4	.2500	3-3/4	CTTLD016	20.30
17/64	.2656	3-7/8	CTTLD017	22.72
9/32	.2812	3-7/8	CTTLD018	22.72
19/64	.2969	4	CTTLD019	-
5/16	.3125	4	CTTLD020	24.52
21/64	.3281	4-1/8	CTTLD021	-
11/32	.3438	4-1/8	CTTLD022	27.00
23/64	.3594	4-1/4	CTTLD023	29.62
3/8	.3750	4-1/4	CTTLD024	29.62
25/64	.3906	4-3/8	CTTLD025	-
13/32	.4062	4-3/8	CTTLD026	32.64
27/64	.4219	4-5/8	CTTLD027	37.62
7/16	.4375	4-5/8	CTTLD028	37.62
29/64	.4531	4-3/4	CTTLD029	-
15/32	.4688	4-3/4	CTTLD030	-
31/64	.4844	4-3/4	CTTLD031	-
1/2	.5000	4-3/4	CTTLD032	43.56
33/64	.5156	4-3/4	CTTLD033	46.64
17/32	.5312	4-3/4	CTTLD034	47.74
35/64	.5469	4-7/8	CTTLD035	-
9/16	.5625	4-7/8	CTTLD036	48.38

DEC. SIZE	FLUTE EQUIV.	OVERALL LENGTH	ITEM NO.	PRICE
37/64	.5781	4-7/8	CTTLD037	-
19/32	.5938	4-7/8	CTTLD038	-
39/64	.6094	4-7/8	CTTLD039	58.70
5/8	.6250	4-7/8	CTTLD040	58.70
41/64	.6406	5-1/8	CTTLD041	-
21/32	.6562	5-1/8	CTTLD042	62.70
43/64	.6719	5-3/8	CTTLD043	-
11/16	.6875	5-3/8	CTTLD044	60.76
45/64	.7031	5-5/8	CTTLD045	-
23/32	.7188	5-5/8	CTTLD046	62.02
47/64	.7344	5-7/8	CTTLD047	-
3/4	.7500	5-7/8	CTTLD048	63.22
49/64	.7656	6	CTTLD049	-
25/32	.7812	6	CTTLD050	-
51/64	.7969	6-1/8	CTTLD051	-
13/16	.8125	6-1/8	CTTLD052	68.92
53/64	.8281	6-1/8	CTTLD053	-
27/32	.8438	6-1/8	CTTLD054	-
55/64	.8594	6-1/8	CTTLD055	-
7/8	.8750	6-1/8	CTTLD056	73.04
57/64	.8906	6-1/8	CTTLD057	-
29/32	.9062	6-1/8	CTTLD058	-
59/64	.9219	6-1/8	CTTLD059	-
15/16	.9375	6-1/8	CTTLD060	-
61/64	.9531	6-3/8	CTTLD061	-
31/32	.9688	6-3/8	CTTLD062	-
63/64	.9844	6-3/8	CTTLD063	-
1	1.0000	6-3/8	CTTLD100	82.74

Metric Sizes (Straight Shank) 5.00mm to 19.00mm Dia.

DEC. SIZE	FLUTE EQUIV.	OVERALL LENGTH	ITEM NO.	PRICE
5.00	.1968	52	CTTLDM05.00	23.98
5.50	.2165	57	CTTLDM05.50	25.54
6.00	.2362	57	CTTLDM06.00	26.54
6.50	.2559	63	CTTLDM06.50	27.50
7.00	.2756	69	CTTLDM07.00	28.68
7.50	.2953	69	CTTLDM07.50	-
8.00	.3150	75	CTTLDM08.00	30.72
8.50	.3346	75	CTTLDM08.50	32.22
9.00	.3543	81	CTTLDM09.00	32.92
9.50	.3740	81	CTTLDM09.50	-
10.00	.3937	87	CTTLDM10.00	37.00
10.50	.4134	87	CTTLDM10.50	-
11.00	.4331	94	CTTLDM11.00	46.28
11.50	.4528	94	CTTLDM11.50	-
12.00	.4724	101	CTTLDM12.00	56.14

DEC. SIZE	FLUTE EQUIV.	OVERALL LENGTH	ITEM NO.	PRICE
12.50	.4921	101	CTTLDM12.50	-
13.00	.5118	101	CTTLDM13.00	-
13.50	.5315	108	CTTLDM13.50	-
14.00	.5512	108	CTTLDM14.00	67.26
14.50	.5709	114	CTTLDM14.50	72.10
15.00	.5906	114	CTTLDM15.00	-
15.50	.6102	120	CTTLDM15.50	-
16.00	.6299	120	CTTLDM16.00	-
16.50	.6496	125	CTTLDM16.50	-
17.00	.6693	125	CTTLDM17.00	-
17.50	.6890	130	CTTLDM17.50	-
18.00	.7087	130	CTTLDM18.00	86.58
18.50	.7283	135	CTTLDM18.50	-
19.00	.7480	135	CTTLDM19.00	-