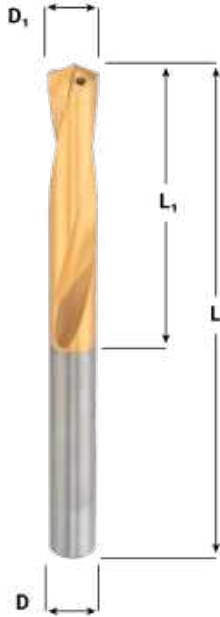


GENERAL PURPOSE

Carbide-Tip Coolant-Through Drill



FEATURES/DESCRIPTION		APPLICATION	FEATURES	
Carbide-Tip Drill <ul style="list-style-type: none"> Carbide tipped wear resistance and HSS body for toughness Coolant-through design has a positive rake, heavy web and slow helix for increased rigidity when cutting short depth holes Not suited for continuous chip low carbon steels or alloy aluminums Faster penetration rates than straight flute carbide tipped designs Stub length allows penetration into machined surfaces without a starting hole 130° helical point eases chisel pressure and improves life in several materials 				

STEEL			STAINLESS		CAST IRON		NON-FERROUS		HRSA		HARDENED STEEL	
P1	P2	P3	M1	M2	K1	K2	N1	N2	S1	S2	H1	H2
	●	●			●	●		○				

● Best ○ Good

Series 296 | 2FL | Carbide-Tip | 135° | Stub Length | Coolant-Through | Reduced Shank

Diameter(D ₁)		Flute Length(L ₁)	OAL(L)	Shank(D)	EDP
Size	Dec.				
D	0.2460	1-17/32	3-15/16	15/64	29602460
1/4	0.2500	1-17/32	3-15/16	15/64	29602500
6.5mm	0.2559	1-17/32	3-15/16	6mm	29602559
F	0.2570	1-17/32	3-15/16	1/4	29602570
G	0.2610	1-17/32	3-15/16	1/4	29602610
17/64	0.2656	1-19/32	4	1/4	29602656
I	0.2720	1-19/32	4	17/64	29602720
7mm	0.2756	40mm	102mm	6.5mm	29602756
9/32	0.2812	1-19/32	4	17/64	29602812
7.5mm	0.2953	1-19/32	4	7mm	29602953
19/64	0.2969	1-3/4	4-5/32	9/32	29602969
5/16	0.3125	1-3/4	4-5/32	19/64	29603125
8mm	0.3150	44mm	106mm	7.5mm	29603150
O	0.3160	1-3/4	4-5/32	19/64	29603160
21/64	0.3281	1-15/16	4-11/32	5/16	29603281
Q	0.3320	1-15/16	4-11/32	5/16	29603320
8.5mm	0.3346	1-15/16	4-11/32	8mm	29603346
R	0.3390	1-15/16	4-11/32	21/64	29603390
11/32	0.3438	1-15/16	4-11/32	21/64	29603438
9mm	0.3543	49mm	110mm	8.5mm	29603543
23/64	0.3594	2-1/8	4-17/32	11/32	29603594
U	0.3680	2-1/8	4-17/32	23/64	29603680
9.5mm	0.3740	2-1/8	4-17/32	9mm	29603740
3/8	0.3750	2-1/8	4-17/32	23/64	29603750
W	0.3860	2-9/32	4-11/16	3/8	29603860
25/64	0.3906	2-9/32	4-11/16	mm	29603906
10mm	0.3937	58mm	119mm	9.5mm	29603937
13/32	0.4062	2-9/32	4-11/16	25/64	29604062
10.5mm	0.4134	2-9/32	4-11/16	10mm	29604134
27/64	0.4219	2-1/2	4-29/32	13/32	29604219
11mm	0.4331	64mm	125mm	10.5mm	29604331
7/16	0.4375	2-1/2	4-29/32	27/64	29604375
11.5mm	0.4528	2-21/32	5-1/16	11mm	29604528
29/64	0.4531	2-21/32	5-1/16	7/16	29604531
15/32	0.4688	2-21/32	5-1/16	29/64	29604688
12mm	0.4724	67mm	129mm	11.5mm	29604724
31/64	0.4844	2-13/16	5-7/32	15/32	29604844
12.5mm	0.4921	2-13/16	5-7/32	12mm	29604921
1/2	0.5000	2-13/16	5-7/32	31/64	29605000
13mm	0.5118	76mm	137mm	12.5mm	29605118
33/64	0.5156	3	5-13/32	1/2	29605156
17/32	0.5312	3	5-13/32	33/64	29605312
13.5mm	0.5315	3	5-13/32	13mm	29605315
35/64	0.5469	3-1/8	5-17/32	17/32	29605469
14mm	0.5512	79mm	140mm	13.5mm	29605512

*bold numbers are EDPs for ordering

INTRO

MILLING

SPECIALTY

HOLEMAKING

THREADING

INSERTS

GENERAL PURPOSE

Carbide-Tip Coolant-Through Drill



Series 296

2FL | Carbide-Tip | 135° | Stub Length | Coolant-Through | Reduced Shank

Diameter(D ₁)		Flute Length(L ₁)	OAL(L)	Shank(D)	EDP
Size	Dec.				
9/16	0.5625	3-1/8	5-17/32	35/64	29605625
14.5mm	0.5709	3-9/32	5-11/16	14mm	29605709
37/64	0.5781	3-9/32	5-11/16	9/16	29605781
15mm	0.5906	83mm	144mm	14.5mm	29605906
19/32	0.5938	3-9/32	5-11/16	37/64	29605938
39/64	0.6094	3-7/16	5-27/32	19/32	29606094
15.5mm	0.6102	3-7/16	5-27/32	15mm	29606102
5/8	0.6250	3-7/16	5-27/32	39/64	29606250
16mm	0.6299	87mm	148mm	15.5mm	29606299
41/64	0.6406	3-21/32	6-1/16	5/8	29606406
16.5mm	0.6496	3-21/32	6-1/16	16mm	29606496
21/32	0.6562	3-21/32	6-1/16	41/64	29606562
17mm	0.6693	93mm	154mm	16.5mm	29606693
43/64	0.6719	3-13/16	6-7/32	21/32	29606719
11/16	0.6875	3-13/16	6-7/32	43/64	29606875
17.5mm	0.6890	3-13/16	6-7/32	17mm	29606890
45/64	0.7031	3-15/16	6-11/32	11/16	29607031
18mm	0.7087	100mm	161mm	17.5mm	29607087
23/32	0.7188	3-15/16	6-11/32	45/64	29607188
18.5mm	0.7283	3-15/16	6-11/32	18mm	29607283
47/64	0.7344	4-1/8	6-17/32	23/32	29607344
19mm	0.7480	105mm	166mm	18.5mm	29607480
3/4	0.7500	4-1/8	6-17/32	47/64	29607500
49/64	0.7656	4-9/32	6-25/32	3/4	29607656
19.5mm	0.7677	4-9/32	6-25/32	19mm	29607677
25/32	0.7812	4-9/32	6-25/32	49/64	29607812
2mm	0.7874	109mm	172mm	19.5mm	29607874
51/64	0.7969	4-7/16	6-15/16	25/32	29607969
20.5mm	0.8071	4-7/16	6-15/16	20mm	29608071
13/16	0.8125	4-7/16	6-15/16	51/64	29608125
21mm	0.8268	117mm	180mm	20.5mm	29608268
53/64	0.8281	4-19/32	7-3/32	13/16	29608281
27/32	0.8438	4-19/32	7-3/32	53/64	29608438
21.5mm	0.8465	4-19/32	7-3/32	21mm	29608465
55/64	0.8594	4-11/16	7-3/16	27/32	29608594
22mm	0.8661	119mm	183mm	21.5mm	29608661
7/8	0.8750	4-11/16	7-3/16	55/64	29608750
22.5mm	0.8858	4-7/8	7-3/8	22mm	29608858
57/64	0.8906	4-7/8	7-3/8	7/8	29608906
23mm	0.9055	124mm	187mm	22.5mm	29609055
29/32	0.9062	4-7/8	7-3/8	57/64	29609062
59/64	0.9219	5-1/32	7-17/32	29/32	29609219
23.5mm	0.9252	5-1/32	7-17/32	23mm	29609252
15/16	0.9375	5-1/32	7-17/32	59/64	29609375
24mm	0.9449	132mm	195mm	23.5mm	29609449
61/64	0.9531	5-3/16	7-11/16	15/16	29609531
24.5mm	0.9646	5-3/16	7-11/16	24mm	29609646
31/32	0.9688	5-3/16	7-11/16	61/64	29609688
25mm	0.9843	135mm	198mm	24.5mm	29609843
63/64	0.9844	5-5/16	7-13/16	31/32	29609844
#1	1.0000	5-5/16	7-13/16	63/64	29610000
26mm	1.0236	144mm	208mm	25mm	29610236
1-1/32	1.0312	5-11/16	8-3/16	1	29610312
1-1/16	1.0625	5-11/16	8-3/16	1	29610625
1-3/32	1.0938	5-11/16	8-3/16	1	29610938
1-1/8	1.1250	5-11/16	8-3/16	1	29611250

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