

TopTech Tool *Manufacturing Inc.*



HSS Aircraft Extension Drills

6" Overall Length

List No. AC02B06 -- HSS M2

List No. AC42B06 -- HSS M42 Cobalt



12" Overall Length

List No. AC02B12 -- HSS M2

List No. AC42B12 -- HSS M42 Cobalt



Features

- * 135° Quick-Cut split point avoids "walk" or "wander"
- * Precision ground to insure concentricity of tip & body
- * Smooth flutes & surface treated for effective chip flow
- * Premium quality high speed steel, special heat treatment to remain sharper cut, & reduce wear
- * Penetrates faster with less pressure
- * All dimensional & element tolerances conform to one of ASME/ANSI B94.11M,
 NAS 907 - National Aerospace Standards
 USCTI - United States Cutting Tool Institute (formerly MCTI)

Application

Designed for effective drilling in all types of metals, wood & plastic 4" thick or less where the holes are not accessible with regular drills; Not recommended for deep hole applications

Sizes available:

1/16" to 1/2" in 6" lengths & 1/8" to 1/2" in 12" lengths
 Standard Drills are HSS M2 fully ground, black oxide
 Customer Length, and Drill Sets are available

Material: M2, M35, M42 cobalt HSS

Drill Diameter			Flute Length	List No
Frac.	Wire / Letter	Dec.		
1/16"		0.0625	7/8"	R004
	52	0.0635	7/8"	RN52
	51	0.0670	1"	RN51
	50	0.0700	1"	RN50
	49	0.0730	1"	RN49
	48	0.0760	1"	RN48
5/64"		0.0781	1"	R005
	47	0.0785	1"	RN47
	46	0.0810	1-1/8"	RN46
	45	0.0820	1-1/8"	RN45
	44	0.0860	1-1/8"	RN44
	43	0.0890	1-1/4"	RN43
3/32"	42	0.0935	1-1/4"	RN42
		0.0938	1-1/4"	R006
	41	0.0960	1-3/8"	RN41
	40	0.0980	1-3/8"	RN40
	39	0.0995	1-3/8"	RN39
	38	0.1015	1-7/16"	RN38

Drill Diameter			Flute Length	List No
Frac.	Wire / Letter	Dec.		
13/64	8	0.1990	2 7/16	RN08
	7	0.2010	2 7/16	RN07
		0.2031	2 7/16	R013
	6	0.2040	2 1/2	RN06
	5	0.2055	2 1/2	RN05
	4	0.2090	2 1/2	RN04
7/32	3	0.2130	2 1/2	RN03
		0.2188	2 1/2	R014
	2	0.2210	2 5/8	RN02
	1	0.2280	2 5/8	RN01
	A	0.2340	2 5/8	RL0A
	15/64	0.2344	2 5/8	R015
	B	0.2380	2 3/4	RL0B
	C	0.2420	2 3/4	RL0C
	D	0.2460	2 3/4	RL0D
1/4	E	0.2500	2 3/4	RL0E/R016
	F	0.2570	2 7/8	RL0F
	G	0.2610	2 7/8	RL0G



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Frac.	Wire / Letter	Dec.		
7/64"	37	0.1040	1-7/16"	RN37
	36	0.1065	1-7/16"	RN36
		0.1094	1-1/2"	R007
	35	0.1100	1-1/2"	RN35
	34	0.1110	1-1/2"	RN34
	33	0.1130	1-1/2"	RN33
1/8	32	0.1160	1 5/8	RN32
	31	0.1200	1 5/8	RN31
		0.1250	1 5/8	R008
	30	0.1285	1 5/8	RN30
	29	0.1360	1 3/4	RN29
	28	0.1405	1 3/4	RN28
9/64		0.1406	1 3/4	R009
	27	0.1440	1 7/8	RN27
	26	0.1470	1 7/8	RN26
	25	0.1495	1 7/8	RN25
	24	0.1520	2	RN24
	23	0.1540	2	RN23
5/32		0.1562	2	R010
	22	0.1570	2	RN22
	21	0.1590	2 1/8	RN21
	20	0.1610	2 1/8	RN20
	19	0.1660	2 1/8	RN19
	18	0.1695	2 1/8	RN18
11/64		0.1719	2 1/8	R011
	17	0.1730	2 3/16	RN17
	16	0.1770	2 3/16	RN16
	15	0.1800	2 3/16	RN15
	14	0.1820	2 3/16	RN14
	13	0.1850	2 5/16	RN13
3/16		0.1875	2 5/16	R012
	12	0.1890	2 5/16	RN12
	11	0.1910	2 5/16	RN11
	10	0.1935	2 7/16	RN10
	9	0.1960	2 7/16	RN09

Drill Diameter			Flute Length	List No
Frac.	Wire / Letter	Dec.		
17/64		0.2656	2 7/8	R017
	H	0.2660	2 7/8	RL0H
	I	0.2720	2 7/8	RL0I
	J	0.2770	2 7/8	RL0J
	K	0.2810	2 15/16	RL0K
		0.2812	2 15/16	R018
9/32	L	0.2900	2 15/16	RL0L
	M	0.2950	3 1/16	RL0M
		0.2969	3 1/16	R019
19/64	N	0.3020	3 1/16	RL0N
		0.3125	3 3/16	R020
	O	0.3160	3 3/16	RL0O
	P	0.3230	3 5/16	RL0P
		0.3281	3 5/16	R021
	Q	0.3320	3 7/16	RL0Q
11/32	R	0.3390	3 7/16	RL0R
		0.3438	3 7/16	R022
	S	0.3480	3 1/2	RL0S
23/64	T	0.3580	3 1/2	RL0T
		0.3594	3 1/2	R023
	U	0.3680	3 5/8	RL0U
3/8	V	0.3750	3 5/8	R024
		0.3770	3 5/8	RL0V
	W	0.3860	3 3/4	RL0W
25/64		0.3906	3 3/4	R025
	X	0.3970	3 3/4	RL0X
	Y	0.4040	3 7/8	RL0Y
13/32		0.4062	3 7/8	R026
	Z	0.4130	3 7/8	RL0Z
		0.4219	3 15/16	R027
7/16		0.4375	4 1/16	R028
		0.4531	4 3/16	R029
		0.4688	4 5/16	R030
31/64		0.4844	4 3/8	R031
	1/2	0.5000	4 1/2	R032