



# WOLFRAM TOOL

## FLUTES

see 1st part of ANSI Part #

5 PC. MIMIMUM DEPENDING ON SIZE

- R2=2 Flute
- R3=3 Flute
- R4=4 Flute
- R5= 5 Flute
- R6= 6 Flute

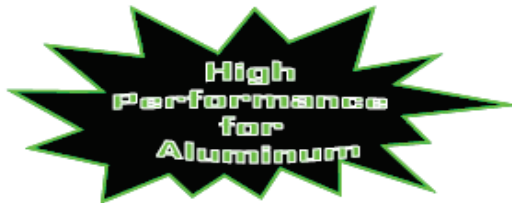


ANSI PART # & COATING	EDP	MillDia	ShankDia	Flute Length	Overall Length
<b>2 Flute for Aluminum</b>					
R2F01250-A	17737	1/8	1/8	3/8	1-1/2
R2F01250-A TiN	27737	1/8	1/8	3/8	1-1/2
R2F01250-A TiCN	47737	1/8	1/8	3/8	1-1/2
R2F01250-A AlTiN	57737	1/8	1/8	3/8	1-1/2
R2F01875-A	17739	3/16	3/16	5/8	2
R2F01875-A TiN	27739	3/16	3/16	5/8	2
R2F01875-A TiCN	47739	3/16	3/16	5/8	2
R2F01875-A AlTiN	57739	3/16	3/16	5/8	2
R2F02500-A	17741	1/4	1/4	3/4	2-1/2
R2F02500-A TiN	27741	1/4	1/4	3/4	2-1/2
R2F02500-A TiCN	47741	1/4	1/4	3/4	2-1/2
R2F02500-A AlTiN	57741	1/4	1/4	3/4	2-1/2
R2F03125-A	17743	5/16	5/16	13/16	2
R2F03125-A TiN	27743	5/16	5/16	13/16	2
R2F03125-A TiCN	47743	5/16	5/16	13/16	2
R2F0315-A AlTiN	57743	5/16	5/16	13/16	2
R2F03750-A	17745	3/8	3/8	1	2-1/2
R2F03750-A TiN	27745	3/8	3/8	1	2-1/2
R2F03750-A TiCN	47745	3/8	3/8	1	2-1/2
R2F03750-A AlTiN	57745	3/8	3/8	1	2-1/2
R2F04375-A	17747	7/16	7/16	1	2-3/4
R2F04375-A TiN	27747	7/16	7/16	1	2-3/4
R2F04375-A TiCN	47747	7/16	7/16	1	2-3/4
R2F04375-A AlTiN	57747	7/16	7/16	1	2-3/4
R2F05000-A	17749	1/2	1/2	1	3
R2F05000-A TiN	27749	1/2	1/2	1	3
R2F05000-A TiCN	47749	1/2	1/2	1	3
R2F05000-A AlTiN	57749	1/2	1/2	1	3
R2F06250-A	17751	5/8	5/8	1-1/4	3-1/2
R2F06250-A TiN	27751	5/8	5/8	1-1/4	3-1/2
R2F06250-A TiCN	47751	5/8	5/8	1-1/4	3-1/2
R2F06250-A AlTiN	57751	5/8	5/8	1-1/4	3-1/2
R2F07500-A	17752	3/4	3/4	1-1/2	4
R2F07500-A TiN	27752	3/4	3/4	1-1/2	4
R2F07500-A TiCN	47752	3/4	3/4	1-1/2	4

R2F07500-A AlTiN	57752	3/4	3/4	1-1/2	4
R2F10000-A	17754	1	1	1-1/2	4
R2F10000-A TiN	27754	1	1	1-1/2	4
R2F10000-A TiCN	47754	1	1	1-1/2	4
R2F10000-A AlTiN	57754	1	1	1-1/2	4

### 2 Flute for Aluminum Stub Length with Reduced Neck for Reach

R2F02500-AS	10837	1/4	1/4	1/2	2-1/2
R2F02500-AS TiN	20837	1/4	1/4	1/2	2-1/2
R2F02500-AS TiCN	40837	1/4	1/4	1/2	2-1/2
R2F02500-AS AlTiN	50837	1/4	1/4	1/2	2-1/2
R2F03750-AS	10839	3/8	3/8	1/2	2-1/2
R2F03750-AS TiN	20839	3/8	3/8	1/2	2-1/2
R2F03750-AS TiCN	40839	3/8	3/8	1/2	2-1/2
R2F04375-AS AlTiN	50839	3/8	3/8	1/2	2-1/2
R2F05000-AS	10841	1/2	1/2	5/8	3
R2F05000-AS TiN	20841	1/2	1/2	5/8	3
R2F05000-AS TiCN	40841	1/2	1/2	5/8	3
R2F05000-AS AlTiN	50841	1/2	1/2	5/8	3
R2F07500-AS	10843	3/4	3/4	1	4
R2F07500-AS TiN	20843	3/4	3/4	1	4
R2F07500-AS TiCN	40843	3/4	3/4	1	4
R2F07500-AS AlTiN	50843	3/4	3/4	1	4



Speed & Feed

Material	SFM	Chip Load per Tooth			
		1/8"	1/4"	1/2"	1
Aluminum Alloys	600-1200	.0010	.0020	.0040	.0080

### 2 Flute for Aluminum Long Length

R2F02500-AL	17755	1/4	1/4	1-1/8	3
R2F02500-AL TiN	27755	1/4	1/4	1-1/8	3
R2F02500-AL TiCN	47755	1/4	1/4	1-1/8	3
R2F02500-AL AlTiN	57755	1/4	1/4	1-1/8	3
R2F03125-AL	17756	5/16	5/16	1-1/8	3
R2F03125-AL TiN	27756	5/16	5/16	1-1/8	3
R2F03125-AL TiCN	47756	5/16	5/16	1-1/8	3
R2F03125-AL AlTiN	57756	5/16	5/16	1-1/8	3
R2F03750-AL	17757	3/8	3/8	1-1/8	3
R2F03750-AL TiN	27757	3/8	3/8	1-1/8	3
R2F03750-AL TiCN	47757	3/8	3/8	1-1/8	3
R2F03750-AL AlTiN	57757	3/8	3/8	1-1/8	3

R2F05000-AL	17759	1/2	1/2	2	4
R2F05000-AL TiN	27759	1/2	1/2	2	4
R2F05000-AL TiCN	47759	1/2	1/2	2	4
R2F05000-AL AlTiN	57759	1/2	1/2	2	4
R2F06250-AL	17760	5/8	5/8	2-1/4	5
R2F06250-AL TiN	27760	5/8	5/8	2-1/4	5
R2F06250-AL TiCN	47760	5/8	5/8	2-1/4	5
R2F06250-AL AlTiN	57760	5/8	5/8	2-1/4	5
R2F07500-AL	17761	3/4	3/4	2-1/4	5
R2F07500-AL TiN	27761	3/4	3/4	2-1/4	5
R2F07500-AL TiCN	47761	3/4	3/4	2-1/4	5
R2F07500-AL AlTiN	57761	3/4	3/4	2-1/4	5
R2F10000-AL	17762	1	1	2-1/4	5
R2F10000-AL TiN	27762	1	1	2-1/4	5
R2F10000-AL TiCN	47762	1	1	2-1/4	5
R2F10000-AL AlTiN	57762	1	1	2-1/4	5

### 3 Flute for Aluminum

R3F01250-A	17764	1/8	1/8	3/8	1-1/2
R3F01250A TiN	27764	1/8	1/8	3/8	1-1/2
R3F01250-A TiCN	47764	1/8	1/8	3/8	1-1/2
R3F01250A AlTiN	57764	1/8	1/8	3/8	1-1/2
R3F01875-A	17766	3/16	3/16	5/8	2
R3F01875-A TiN	27766	3/16	3/16	5/8	2
R3F01875-A TiCN	47766	3/16	3/16	5/8	2
R3F01875-A AlTiN	57766	3/16	3/16	5/8	2
R3F02500-A	17768	1/4	1/4	3/4	2-1/2
R3F02500-A TiN	27768	1/4	1/4	3/4	2-1/2
R3F02500-A TiCN	47768	1/4	1/4	3/4	2-1/2
R3F02500-A AlTiN	57768	1/4	1/4	3/4	2-1/2
R3F03125-A	17770	5/16	5/16	13/16	2-1/2
R3F03125-A TiN	27770	5/16	5/16	13/16	2-1/2
R3F03125-A TiCN	47770	5/16	5/16	13/16	2-1/2
R3F03125-A AlTiN	57770	5/16	5/16	13/16	2-1/2
R3F03750-A	17772	3/8	3/8	1	2-1/2
R3F03750-A TiN	27772	3/8	3/8	1	2-1/2
R3F03750-A TiCN	47772	3/8	3/8	1	2-1/2
R3F03750-A AlTiN	57772	3/8	3/8	1	2-1/2
R3F04375-A	17774	7/16	7/16	1	2-3/4
R3F04375-A TiN	27774	7/16	7/16	1	2-3/4
R3F04375-A TiCN	47774	7/16	7/16	1	2-3/4
R3F04375-A AlTiN	57774	7/16	7/16	1	2-3/4
R3F05000-A	17776	1/2	1/2	1-1/4	3
R3F05000-A TiN	27776	1/2	1/2	1-1/4	3
R3F05000-A TiCN	47776	1/2	1/2	1-1/4	3
R3F05000-A AlTiN	57776	1/2	1/2	1-1/4	3
R3F06250-A	17778	5/8	5/8	1-5/8	3-1/2
R3F06250-A TiN	27778	5/8	5/8	1-5/8	3-1/2
R3F06250-A TiCN	47778	5/8	5/8	1-5/8	3-1/2
RA3F06250-A AlTiN	57778	5/8	5/8	1-5/8	3-1/2
R3F07500-A	17779	3/4	3/4	1-5/8	4
R3F07500-A TiN	27779	3/4	3/4	1-5/8	4

R3F07500-A TiCN	47779	3/4	3/4	1-5/8	4
R3F07500-A AlTiN	57779	3/4	3/4	1-5/8	4
R3F10000-A	17781	1	1	1-1/2	4
R3F10000-A TiN	27781	1	1	1-1/2	4
R3F10000-A TiCN	47781	1	1	1-1/2	4
R3F10000-A AlTiN	57781	1	1	1-1/2	4

**3 Flute for Aluminum Long & Extra Long Length**

R3F01250-AL	17782	1/4	1/4	1-1/8	3
R3F01250-AL TiN	27782	1/4	1/4	1-1/8	3
R3F01250-AL TiCN	47782	1/4	1/4	1-1/8	3
R3F01250-AL AlTiN	57782	1/4	1/4	1-1/8	3
R3F03125-AL	17783	5/16	5/16	1-1/8	3
R3F03125-AL TiN	27783	5/16	5/16	1-1/8	3
R3F03125-AL TiCN	47783	5/16	5/16	1-1/8	3
R3F03125-AL AlTiN	57783	5/16	5/16	1-1/8	3
R3F03750-AL	17784	3/8	3/8	1-1/8	3
R3F03750-AL TiN	27784	3/8	3/8	1-1/8	3
R3F03750-AL TiCN	47784	3/8	3/8	1-1/8	3
R3F03750-AL AlTiN	57784	3/8	3/8	1-1/8	3
R3F05000-AM	10811	1/2	1/2	1-1/2	4
R3F05000-AM TiN	20811	1/2	1/2	1-1/2	4
R3F05000-AM TiCN	40811	1/2	1/2	1-1/2	4
R3F05000-AM AlTiN	50811	1/2	1/2	1-1/2	4
R3F05000-AL	17786	1/2	1/2	2	4
R3F05000-AL TiN	27786	1/2	1/2	2	4
R3F05000-AL TiCN	47786	1/2	1/2	2	4
R3F05000-AL AlTiN	57786	1/2	1/2	2	4
R3F06250-AL	17787	5/8	5/8	2-1/4	5
R3F06250-AL TiN	27787	5/8	5/8	2-1/4	5
R3F06250-AL TiCN	47787	5/8	5/8	2-1/4	5
R3F06250-AL AlTiN	57787	5/8	5/8	2-1/4	5
R3F07500-AL	17788	3/4	3/4	2-1/4	5
R3F07500-AL TiN	27788	3/4	3/4	2-1/4	5
R3F07500-AL TiCN	47788	3/4	3/4	2-1/4	5
R3F07500-AL AlTiN	57788	3/4	3/4	2-1/4	5
R3F10000-AL	17789	1	1	2-1/4	5
R3F10000-AL TiN	27789	1	1	2-1/4	5
R3F10000-AL TiCN	47789	1	1	2-1/4	5
R3F10000-AL AlTiN	57789	1	1	2-1/4	5