



# 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
<u>2 &amp; 4 Flute Single End Ball Nose</u>					
R4F00625-B	12567	1/16	1/8	3/16	1-1/2
R4F00625-B TiN	22567	1/16	1/8	3/16	1-1/2
R4F00625-B TiCN	42567	1/16	1/8	3/16	1-1/2
R4F00625-B AlTiN	52567	1/16	1/8	3/16	1-1/2
R2F01250-B	17903	1/8	1/8	1/2	1-1/2
R2F01250-B TiN	27903	1/8	1/8	1/2	1-1/2
R2F01250-B TiCN	47903	1/8	1/8	1/2	1-1/2
R2F01250-B AlTiN	57903	1/8	1/8	1/2	1-1/2
R4F01250-B	17910	1/8	1/8	1/2	1-1/2
R4F01250-B TiN	27910	1/8	1/8	1/2	1-1/2
R4F01250-B TiCN	47910	1/8	1/8	1/2	1-1/2
R4F01250-B AlTiN	57910	1/8	1/8	1/2	1-1/2
R2F01250-LB	16110	1/8	1/8	3/4	3
R2F01250-LB TiN	26110	1/8	1/8	3/4	3
R2F01250-LB TiCN	46110	1/8	1/8	3/4	3
R2F01250-LB AlTiN	56110	1/8	1/8	3/4	3
R4F01250-LB	16188	1/8	1/8	3/4	3
R4F01250-LB TiN	26188	1/8	1/8	3/4	3
R4F01250-LB TiCN	46188	1/8	1/8	3/4	3
R4F01250-LB AlTiN	56188	1/8	1/8	3/4	3
R2F01250-EB	16176	1/8	1/8	1	3
R2F01250-EB TiN	26176	1/8	1/8	1	3
R2F01250-EB TiCN	46176	1/8	1/8	1	3
R2F01250-EB AlTiN	56176	1/8	1/8	1	3
R4F01250-EB	16254	1/8	1/8	1	3
R4F01250-EB TiN	26254	1/8	1/8	1	3
R4F01250-EB TiCN	46254	1/8	1/8	1	3
R4F01250-EB AlTiN	56254	1/8	1/8	1	3
R2F01875-B	17904	3/16	3/16	5/8	2
R2F01875-B TiN	27904	3/16	3/16	5/8	2
R2F01875-B TiCN	47904	3/16	3/16	5/8	2
R2F01875-B AlTiN	57904	3/16	3/16	5/8	2
R4F01875-B	17911	3/16	3/16	5/8	2
R4F01875-B TiN	27911	3/16	3/16	5/8	2
R4F01875-B TiCN	47911	3/16	3/16	5/8	2

R4F01875-B AlTiN	57911	3/16	3/16	5/8	2
R2F01875-LB	16111	3/16	3/16	3/4	3
R2F01875-LB TiN	26111	3/16	3/16	3/4	3
R2F01875-LB TiCN	46111	3/16	3/16	3/4	3
R2F01875-LB AlTiN	56111	3/16	3/16	3/4	3
R4F01875-LB	16189	3/16	3/16	3/4	3
R4F01875-LB TiN	26189	3/16	3/16	3/4	3
R4F01875-LB TiCN	46189	3/16	3/16	3/4	3
R4F01875-LB AlTiN	56189	3/16	3/16	3/4	3
R2F02500-B	17905	1/4	1/4	3/4	2-1/2
R2F02500-B TiN	27905	1/4	1/4	3/4	2-1/2
R2F02500-B TiCN	47905	1/4	1/4	3/4	2-1/2
R2F02500-B AlTiN	57905	1/4	1/4	3/4	2-1/2
R4F02500-B	17912	1/4	1/4	3/4	2-1/2
R4F02500-B TiN	27912	1/4	1/4	3/4	2-1/2
R4F02500-B TiCN	47912	1/4	1/4	3/4	2-1/2
R4F02500-B AlTiN	57912	1/4	1/4	3/4	2-1/2
R2F02500-LB	11001	1/4	1/4	1-1/8	3
R2F02500-LB TiN	21001	1/4	1/4	1-1/8	3
R2F02500-LB TiCN	41001	1/4	1/4	1-1/8	3
R2F02500-LB AlTiN	51001	1/4	1/4	1-1/8	3
R4F02500-LB	11031	1/4	1/4	1-1/8	3
R4F02500-LB TiN	21031	1/4	1/4	1-1/8	3
R4F02500-LB TiCN	41031	1/4	1/4	1-1/8	3
R4F02500-LB AlTiN	51031	1/4	1/4	1-1/8	3
R2F02500-EB	11003	1/4	1/4	1-1/2	4
R2F02500-EB TiN	21003	1/4	1/4	1-1/2	4
R2F02500-EB TiCN	41003	1/4	1/4	1-1/2	4
R2F02500-EB AlTiN	51003	1/4	1/4	1-1/2	4
R4F02500-EB	11033	1/4	1/4	1-1/2	4
R4F02500-EB TiN	21033	1/4	1/4	1-1/2	4
R4F02500-EB TiCN	41033	1/4	1/4	1-1/2	4
R4F02500-EB AlTiN	51033	1/4	1/4	1-1/2	4
R2F03125-B	17906	5/16	5/16	13/16	2-1/2
R2F03125-B TiN	27906	5/16	5/16	13/16	2-1/2
R2F03125-B TiCN	47906	5/16	5/16	13/16	2-1/2
R2F03125-B AlTiN	57906	5/16	5/16	13/16	2-1/2
R4F03125-B	17913	5/16	5/16	13/16	2-1/2
R4F03125-B TiN	27913	5/16	5/16	13/16	2-1/2
R4F03125-B TiCN	47913	5/16	5/16	13/16	2-1/2
R4F03125-B AlTiN	57913	5/16	5/16	13/16	2-1/2
R2F03125-LB	16113	5/16	5/16	1-1/8	3
R2F03125-LB TiN	26113	5/16	5/16	1-1/8	3
R2F03125-LB TiCN	46113	5/16	5/16	1-1/8	3
R2F03125-LB AlTiN	56113	5/16	5/16	1-1/8	3
R4F03125-LB	16191	5/16	5/16	1-1/8	3
R4F03125-LB TiN	26191	5/16	5/16	1-1/8	3
R4F03125-LB TiCN	46191	5/16	5/16	1-1/8	3
R4F03125-LB AlTiN	56191	5/16	5/16	1-1/8	3
R2F03750-B	17907	3/8	3/8	1	2-1/2
R2F03750-B TiN	27907	3/8	3/8	1	2-1/2

R2F03750-B TiCN	47907	3/8	3/8	1	2-1/2
R2F03750-B AlTiN	57907	3/8	3/8	1	2-1/2
R4F03750-B	17914	3/8	3/8	1	2-1/2
R4F03750-B TiN	27914	3/8	3/8	1	2-1/2
R4F03750-B TiCN	47914	3/8	3/8	1	2-1/2
R4F03750-B AlTiN	57914	3/8	3/8	1	2-1/2
R2F03750-LB	11831	3/8	3/8	1-1/8	3
R2F03750-LB TiN	21831	3/8	3/8	1-1/8	3
R2F03750-LB TiCN	41831	3/8	3/8	1-1/8	3
R2F03750-LB AlTiN	51831	3/8	3/8	1-1/8	3
R4F03750-LB	11035	3/8	3/8	1-1/8	3
R4F03750-LB TiN	21035	3/8	3/8	1-1/8	3
R4F03750-LB TiCN	41035	3/8	3/8	1-1/8	3
R4F03750-LB AlTiN	51035	3/8	3/8	1-1/8	3
R2F03750-EB	11007	3/8	3/8	1-3/4	4
R2F03750-EB TiN	21007	3/8	3/8	1-3/4	4
R2F03750-EB TiCN	41007	3/8	3/8	1-3/4	4
R2F03750-EB AlTiN	51007	3/8	3/8	1-3/4	4
R4F03750-EB	11037	3/8	3/8	1-3/4	4
R4F03750-EB TiN	21037	3/8	3/8	1-3/4	4
R4F03750-EB TiCN	41037	3/8	3/8	1-3/4	4
R4F03750-EB AlTiN	51037	3/8	3/8	1-3/4	4
R2F04375-B	17908	7/16	7/16	1	2-3/4
R2F04375-B TiN	27908	7/16	7/16	1	2-3/4
R2F04375-B TiCN	47908	7/16	7/16	1	2-3/4
R2F04375-B AlTiN	57908	7/16	7/16	1	2-3/4
R4F04375-B	17915	7/16	7/16	1	2-3/4
R4F04375-B TiN	27915	7/16	7/16	1	2-3/4
R4F04375-B TiCN	47915	7/16	7/16	1	2-3/4
R4F04375-B AlTiN	57915	7/16	7/16	1	2-3/4
R2F04375-LB	16115	7/16	7/16	2	4
R2F04375-LB TiN	26115	7/16	7/16	2	4
R2F04375-LB TiCN	46115	7/16	7/16	2	4
R2F04375-LB AlTiN	56115	7/16	7/16	2	4
R4F04375-LB	16193	7/16	7/16	2	4
R4F04375-LB TiN	26193	7/16	7/16	2	4
R4F04375-LB TiCN	46193	7/16	7/16	2	4
R4F04375-LB AlTiN	56193	7/16	7/16	2	4
R2F05000-B	17909	1/2	1/2	1	3
R2F05000-B TiN	27909	1/2	1/2	1	3
R2F05000-B TiCN	47909	1/2	1/2	1	3
R2F05000-B AlTiN	57909	1/2	1/2	1	3
R4F05000-B	17916	1/2	1/2	1	3
R4F05000-B TiN	27916	1/2	1/2	1	3
R4F05000-B TiCN	47916	1/2	1/2	1	3
R4F05000-B AlTiN	57916	1/2	1/2	1	3
R2F05000-LB	11009	1/2	1/2	2	4
R2F05000-LB TiN	21009	1/2	1/2	2	4
R2F05000-LB TiCN	41009	1/2	1/2	2	4
R2F05000-LB AlTiN	51009	1/2	1/2	2	4
R4F05000-LB	11039	1/2	1/2	2	4

R4F05000-LB TiN	21039	1/2	1/2	2	4
R4F05000-LB TiCN	41039	1/2	1/2	2	4
R4F05000-LB AlTiN	51039	1/2	1/2	2	4
R2F05000-EB	11011	1/2	1/2	3	6
R2F05000-EB TiN	21011	1/2	1/2	3	6
R2F05000-EB TiCN	41011	1/2	1/2	3	6
R2F05000-EB AlTiN	51011	1/2	1/2	3	6
R4F05000-EB	11041	1/2	1/2	3	6
R4F05000-EB TiN	21041	1/2	1/2	3	6
R4F05000-EB TiCN	41041	1/2	1/2	3	6
R4F05000-EB AlTiN	51041	1/2	1/2	3	6
R2F06250-B	11013	5/8	5/8	1-1/4	3-1/2
R2F06250-B TiN	21013	5/8	5/8	1-1/4	3-1/2
R2F06250-B TiCN	41013	5/8	5/8	1-1/4	3-1/2
R2F06250-B AlTiN	51013	5/8	5/8	1-1/4	3-1/2
R4F06250-B	11043	5/8	5/8	1-1/4	3-1/2
R4F06250-B TiN	21043	5/8	5/8	1-1/4	3-1/2
R4F06250-B TiCN	41043	5/8	5/8	1-1/4	3-1/2
R4F06250-B AlTiN	51043	5/8	5/8	1-1/4	3-1/2
R2F06250-LB	11015	5/8	5/8	2-1/4	5
R2F06250-LB TiN	21015	5/8	5/8	2-1/4	5
R2F06250-LB TiCN	41015	5/8	5/8	2-1/4	5
R2F06250-LB AlTiN	51015	5/8	5/8	2-1/4	5
R4F06250-LB	11045	5/8	5/8	2-1/4	5
R4F06250-LB TiN	21045	5/8	5/8	2-1/4	5
R4F06250-LB TiCN	41045	5/8	5/8	2-1/4	5
R4F06250-LB AlTiN	51045	5/8	5/8	2-1/4	5
R2F06250-EB	11017	5/8	5/8	3	6
R2F06250-EB TiN	21017	5/8	5/8	3	6
R2F06250-EB TiCN	41017	5/8	5/8	3	6
R2F06250-EB AlTiN	51017	5/8	5/8	3	6
R4F06250-EB	11047	5/8	5/8	3	6
R4F06250-EB TiN	21047	5/8	5/8	3	6
R4F06250-EB TiCN	41047	5/8	5/8	3	6
R4F06250-EB AlTiN	51047	5/8	5/8	3	6
R2F07500-B	11019	3/4	3/4	1-1/2	4
R2F07500-B TiN	21019	3/4	3/4	1-1/2	4
R2F07500-B TiCN	41019	3/4	3/4	1-1/2	4
R2F07500-B AlTiN	51019	3/4	3/4	1-1/2	4
R4F07500-B	11049	3/4	3/4	1-1/2	4
R4F07500-B TiN	21049	3/4	3/4	1-1/2	4
R4F07500-B TiCN	41049	3/4	3/4	1-1/2	4
R4F07500-B AlTiN	51049	3/4	3/4	1-1/2	4
R2F07500-LB	11021	3/4	3/4	2-1/4	5
R2F07500-LB TiN	21021	3/4	3/4	2-1/4	5
R2F07500-LB TiCN	41021	3/4	3/4	2-1/4	5
R2F07500-LB AlTiN	51021	3/4	3/4	2-1/4	5
R4F07500-LB	11051	3/4	3/4	2-1/4	5
R4F07500-LB TiN	21051	3/4	3/4	2-1/4	5
R4F07500-LB TiCN	41051	3/4	3/4	2-1/4	5
R4F07500-LB AlTiN	51051	3/4	3/4	2-1/4	5

R2F07500-EB	11023	3/4	3/4	3	6
R2F07500-EB TiN	21023	3/4	3/4	3	6
R2F07500-EB TiCN	41023	3/4	3/4	3	6
R2F07500-EB AlTiN	51023	3/4	3/4	3	6
R4F07500-EB	11053	3/4	3/4	3	6
R4F07500-EB TiN	21053	3/4	3/4	3	6
R4F07500-EB TiCN	41053	3/4	3/4	3	6
R4F07500-EB AlTiN	51053	3/4	3/4	3	6
R2F10000-B	11025	1	1	1-1/2	4
R2F10000-B TiN	21025	1	1	1-1/2	4
R2F10000-B TiCN	41025	1	1	1-1/2	4
R2F10000-B AlTiN	51025	1	1	1-1/2	4
R4F10000-B	11055	1	1	1-1/2	4
R4F10000-B TiN	21055	1	1	1-1/2	4
R4F10000-B TiCN	41055	1	1	1-1/2	4
R4F10000-B AlTiN	51055	1	1	1-1/2	4
R2F10000-LB	11027	1	1	2-1/4	5
R2F10000-LB TiN	21027	1	1	2-1/4	5
R2F10000-LB TiCN	41027	1	1	2-1/4	5
R2F10000-LB AlTiN	51027	1	1	2-1/4	5
R4F10000-LB	11057	1	1	2-1/4	5
R4F10000-LB TiN	21057	1	1	2-1/4	5
R4F10000-LB TiCN	41057	1	1	2-1/4	5
R4F10000-LB AlTiN	51057	1	1	2-1/4	5
R2F10000-EB	11029	1	1	3	6
R2F10000-EB TiN	21029	1	1	3	6
R2F10000-EB TiCN	41029	1	1	3	6
R2F10000-EB AlTiN	51029	1	1	3	6
R4F10000-EB	11059	1	1	3	6
R4F10000-EB TiN	21059	1	1	3	6
R4F10000-EB TiCN	41059	1	1	3	6
R4F10000-EB AlTiN	51059	1	1	3	6



#### 2 & 4 Flute Single End Ball Nose Stub Length

R2F01250S-B	17917	1/8	1/8	1/4	1-1/2
R2F01250S-B TiN	27917	1/8	1/8	1/4	1-1/2
R2F01250S-B TiCN	47917	1/8	1/8	1/4	1-1/2
R2F01250S-B AlTiN	57917	1/8	1/8	1/4	1-1/2
R4F01250S-B	17924	1/8	1/8	1/4	1-1/2
R4F01250S-B TiN	27924	1/8	1/8	1/4	1-1/2
R4F01250S-B TiCN	47924	1/8	1/8	1/4	1-1/2
R4F01250S-B AlTiN	57924	1/8	1/8	1/4	1-1/2
R2F02500S-B	17919	1/4	1/4	1/2	2
R2F02500S-B TiN	27919	1/4	1/4	1/2	2
R2F02500S-B TiCN	47919	1/4	1/4	1/2	2
R2F02500S-B AlTiN	57919	1/4	1/4	1/2	2
R4F02500S-B	17926	1/4	1/4	1/2	2
R4F02500S-B TiN	27926	1/4	1/4	1/2	2

R4F02500S-B TiCN	47926	1/4	1/4	1/2	2
R4F02500S-B AlTiN	57926	1/4	1/4	1/2	2
R2F03750S-B	17921	3/8	3/8	5/8	2
R2F03750S-B TiN	27921	3/8	3/8	5/8	2
R2F03750S-B TiCN	47921	3/8	3/8	5/8	2
R2F03750S-B AlTiN	57921	3/8	3/8	5/8	2
R4F03750S-B	17928	3/8	3/8	5/8	2
R4F03750S-B TiN	27928	3/8	3/8	5/8	2
R4F03750S-B TiCN	47928	3/8	3/8	5/8	2
R4F03750S-B AlTiN	57928	3/8	3/8	5/8	2
R2F05000S-B	17923	1/2	1/2	5/8	2-1/2
R2F05000S-B TiN	27923	1/2	1/2	5/8	2-1/2
R2F05000S-B TiCN	47923	1/2	1/2	5/8	2-1/2
R2F05000S-B AlTiN	57923	1/2	1/2	5/8	2-1/2
R4F05000S-B	17930	1/2	1/2	5/8	2-1/2
R4F05000S-B TiN	27930	1/2	1/2	5/8	2-1/2
R4F05000S-B TiCN	47930	1/2	1/2	5/8	2-1/2
R4F05000S-B AlTiN	57930	1/2	1/2	5/8	2-1/2
R2F07500S-B	16175	3/4	3/4	1	3
R2F07500S-B TiN	26175	3/4	3/4	1	3
R2F07500S-B TiCN	46175	3/4	3/4	1	3
R2F07500S-B AlTiN	56175	3/4	3/4	1	3
R4F07500S-B	16253	3/4	3/4	1	3
R4F07500S-B TiN	26253	3/4	3/4	1	3
R4F07500S-B TiCN	46253	3/4	3/4	1	3
R4F07500S-B AlTiN	56253	3/4	3/4	1	3