



# 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

Standard Length



ANSI PART # & COATING	EDP	MillDia	ShankDia	Flute Length	Overall Length
<b>5 Flute 45 Degree Helix Standard Length</b>					
R5F01250-45	15942	1/8	1/8	1/2	1-1/2
R5F01250-45 TiN	25942	1/8	1/8	1/2	1-1/2
R5F01250-45 TiCN	45942	1/8	1/8	1/2	1-1/2
R5F01250-45 AlTiN	55942	1/8	1/8	1/2	1-1/2
R5F01563-45	15943	5/32	3/16	9/16	2
R5F01563-45 TiN	25943	5/32	3/16	9/16	2
R5F01563-45 TiCN	45943	5/32	3/16	9/16	2
R5F01563-45 AlTiN	55943	5/32	3/16	9/16	2
R5F01875-45	15944	3/16	3/16	9/16	2
R5F01875-45 TiN	25944	3/16	3/16	9/16	2
R5F01875-45 TiCN	45944	3/16	3/16	9/16	2
R5F01875-45 AlTiN	55944	3/16	3/16	9/16	2
R5F02188-45	15945	7/32	1/4	3/4	2-1/2
R5F02188-45 TiN	25945	7/32	1/4	3/4	2-1/2
R5F02188-45 TiCN	45945	7/32	1/4	3/4	2-1/2
R5F02188-45 AlTiN	55945	7/32	1/4	3/4	2-1/2
R5F02500-45	15946	1/4	1/4	3/4	2-1/2
R5F02500-45 TiN	25946	1/4	1/4	3/4	2-1/2
R5F02500-45 TiCN	45946	1/4	1/4	3/4	2-1/2
R5F02500-45 AlTiN	55946	1/4	1/4	3/4	2-1/2
R5F03125-45	15948	5/16	5/16	13/16	2-1/2
R5F03125-45 TiN	25948	5/16	5/16	13/16	2-1/2
R5F03125-45 TiCN	45948	5/16	5/16	13/16	2-1/2
R5F03125-45 AlTiN	55948	5/16	5/16	13/16	2-1/2
R5F03750-45	15949	3/8	3/8	1	2-1/2
R5F03750-45 TiN	25949	3/8	3/8	1	2-1/2
R5F03750-45 TiCN	45949	3/8	3/8	1	2-1/2
R5F03750-45 AlTiN	55949	3/8	3/8	1	2-1/2
R5F04375-45	15951	7/16	7/16	1	2-3/4
R5F04375-45 TiN	25951	7/16	7/16	1	2-3/4
R5F04375-45 TiCN	45951	7/16	7/16	1	2-3/4
R5F04375-45 AlTiN	55951	7/16	7/16	1	2-3/4
R5F05000-45	15952	1/2	1/2	1-1/4	3
R5F05000-45 TiN	25952	1/2	1/2	1-1/4	3
R5F05000-45 TiCN	45952	1/2	1/2	1-1/4	3

R5F05000-45 AlTiN	55952	1/2	1/2	1-1/4	3
R5F05625-45	15954	9/16	9/16	1-1/2	3-1/2
R5F05625-45 TiN	25954	9/16	9/16	1-1/2	3-1/2
R5F05625-45 TiCN	45954	9/16	9/16	1-1/2	3-1/2
R5F05625-45 AlTiN	55954	9/16	9/16	1-1/2	3-1/2
R5F06250-45	15955	5/8	5/8	1-5/8	3-1/2
R5F06250-45 TiN	25955	5/8	5/8	1-5/8	3-1/2
R5F06250-45 TiCN	45955	5/8	5/8	1-5/8	3-1/2
R5F06250-45 AlTiN	55955	5/8	5/8	1-5/8	3-1/2
R5F07500-45	15956	3/4	3/4	1-5/8	4
R5F07500-45 TiN	25956	3/4	3/4	1-5/8	4
R5F07500-45 TiCN	45956	3/4	3/4	1-5/8	4
R5F07500-45 AlTiN	55956	3/4	3/4	1-5/8	4
R5F10000-45	15958	1	1	1-1/2	4
R5F10000-45 TiN	25958	1	1	1-1/2	4
R5F10000-45 TiCN	45958	1	1	1-1/2	4
R5F10000-45 AlTiN	55958	1	1	1-1/2	4

- Five flute design provides excellent cutting performance at faster feed rates.
- Smooth cutting action in tough to machine material with excellent chip ejection.
- Made from premium submicron grain carbide.
- Cutting Diameter Tolerance  $+.000/-0.002$



**5 Flute 45 Degree Helix Stub Length**

R5F01250-45S	17698	1/8	1/8	1/4	1-1/2
R5F01250-45S TiN	27698	1/8	1/8	1/4	1-1/2
R5F01250-45S TiCN	47698	1/8	1/8	1/4	1-1/2
R5F01250-45S AlTiN	57698	1/8	1/8	1/4	1-1/2
R5F01563-45S	17699	5/32	3/16	5/16	2
R5F01563-45S TiN	27699	5/32	3/16	5/16	2
R5F01563-45S TiCN	47699	5/32	3/16	5/16	2
R5F01563-45S AlTiN	57699	5/32	3/16	5/16	2
R5F01875-45S	17700	3/16	3/16	5/16	2
R5F01875-45S TiN	27700	3/16	3/16	5/16	2
R5F01875-45S TiCN	47700	3/16	3/16	5/16	2
R5F01875-45S AlTiN	57700	3/16	3/16	5/16	2
R5F02188-45S	17701	7/32	1/4	3/8	2
R5F02188-45S TiN	27701	7/32	1/4	3/8	2
R5F02188-45S TiCN	47701	7/32	1/4	3/8	2
R5F02188-45S AlTiN	57701	7/32	1/4	3/8	2

R5F02500-45S	17702	1/4	1/4	3/8	2
R5F02500-45S TiN	27702	1/4	1/4	3/8	2
R5F02500-45S TiCN	47702	1/4	1/4	3/8	2
R5F02500-45S AlTiN	57702	1/4	1/4	3/8	2
R5F03125-45S	17703	5/16	5/16	7/16	2
R5F03125-45S TiN	27703	5/16	5/16	7/16	2
R5F03125-45S TiCN	47703	5/16	5/16	7/16	2
R5F03125-45S AlTiN	57703	5/16	5/16	7/16	2
R5F03750-45S	17704	3/8	3/8	1/2	2
R5F03750-45S TiN	27704	3/8	3/8	1/2	2
R5F03750-45S TiCN	47704	3/8	3/8	1/2	2
R5F03750-45S AlTiN	57704	3/8	3/8	1/2	2
R5F04063-45S	10739	13/32	7/16	9/16	2-1/2
R5F04063-45S TiN	20739	13/32	7/16	9/16	2-1/2
R5F04063-45S TiCN	40739	13/32	7/16	9/16	2-1/2
R5F04063-45S AlTiN	50739	13/32	7/16	9/16	2-1/2
R5F04375-45S	17705	7/16	7/16	9/16	2-1/2
R5F04375-45S TiN	27705	7/16	7/16	9/16	2-1/2
R5F04375-45S TiCN	47705	7/16	7/16	9/16	2-1/2
R5F04375-45S AlTiN	57705	7/16	7/16	9/16	2-1/2
R5F05000-45S	17706	1/2	1/2	5/8	2-1/2
R5F05000-45S TiN	27706	1/2	1/2	5/8	2-1/2
R5F05000-45S TiCN	47706	1/2	1/2	5/8	2-1/2
R5F05000-45S AlTiN	57706	1/2	1/2	5/8	2-1/2
R5F06250-45S	17707	5/8	5/8	3/4	3
R5F06250-45S TiN	27707	5/8	5/8	3/4	3
R5F06250-45S TiCN	47707	5/8	5/8	3/4	3
R5F06250-45S AlTiN	57707	5/8	5/8	3/4	3
R5F07500-45S	17708	3/4	3/4	1	3
R5F07500-45S TiN	27708	3/4	3/4	1	3
R5F07500-45S TiCN	47708	3/4	3/4	1	3
R5F07500-45S AlTiN	57708	3/4	3/4	1	3
R5F10000-45S	17709	1	1	1-1/4	3
R5F10000-45S TiN	27709	1	1	1-1/4	3
R5F10000-45S TiCN	47709	1	1	1-1/4	3
R5F10000-45S AlTiN	57709	1	1	1-1/4	3

#### 5 Flute 45 Degree Helix Long Length

R5F02500-45L	15947	1/4	1/4	1-1/2	4
R5F02500-45L TiN	25947	1/4	1/4	1-1/2	4
R5F02500-45L TiCN	45947	1/4	1/4	1-1/2	4
R5F02500-45L AlTiN	55947	1/4	1/4	1-1/2	4
R5F03750-45L	15950	3/8	3/8	1-3/4	4
R5F03750-45L TiN	25950	3/8	3/8	1-3/4	4
R5F03750-45L TiCN	45950	3/8	3/8	1-3/4	4
R5F03750-45L AlTiN	55950	3/8	3/8	1-3/4	4
R5F05000-45L	15953	1/2	1/2	3	6
R5F05000-45L TiN	25953	1/2	1/2	3	6
R5F05000-45L TiCN	45953	1/2	1/2	3	6
R5F05000-45L AlTiN	55953	1/2	1/2	3	6
R5F06250-45L	11203	5/8	5/8	3	6
R5F06250-45L TiN	21203	5/8	5/8	3	6

R5F06250-45L TiCN	41203	5/8	5/8	3	6
R5F06250-45L AlTiN	51203	5/8	5/8	3	6
R5F07500-45L	15957	3/4	3/4	3-1/4	6
R5F07500-45L TiN	25957	3/4	3/4	3-1/4	6
R5F07500-45L TiCN	45957	3/4	3/4	3-1/4	6
R5F07500-45L AlTiN	55957	3/4	3/4	3-1/4	6
R5F10000-45L	15959	1	1	3	6
R5F10000-45L TiN	25959	1	1	3	6
R5F10000-45L TiCN	45959	1	1	3	6
R5F10000-45L AlTiN	55959	1	1	3	6

**6 Flute 45 Degree Helix w/ Radius for Hardened Steels - AlTiN Coated**

	EDP	Radius	MillDia	ShankDia	Flute Length	Overall Length
R6F01250	16794	0.010	1/8	1/8	1/2	1-1/2
R6F0875	16786	0.010	3/16	3/16	5/8	2
R6F02500	16787	0.015	1/4	1/4	3/4	2-1/2
R6F03125	16788	0.020	5/16	5/16	13/16	2-1/2
R6F03750	16789	0.020	3/8	3/8	1	2-1/2
R6F05000	16790	0.025	1/2	1/2	1	3
R6F06250	16791	0.030	5/8	5/8	1-1/4	3-1/2
R6F07500	16792	0.035	3/4	3/4	1-1/2	4
R6F10000	16793	0.035	1	1	1-1/2	4