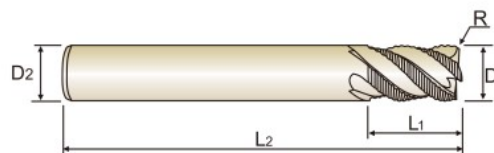


## CARBIDE, 3-5 FLUTE MULTIPLE HELIX CORNER RADIUS ROUGHING (A Type) 硬质合金, 3-5刃 不等螺旋 圆鼻 粗加工 (A型)

- ▶ Suitable for heavy cutting and good wear resistance due to new coating and new configuration of tool
- ▶ Suitable for cutting alloy steels, stainless steels, difficult to cut materials etc.
- ▶ Available high speed cutting and high feed cutting due to special flute design minimizing vibration
- ▶ Applying corner radius for protecting chipping when heavy cutting

- ▶ 采用新涂层及新形状, 强力切削及耐磨性优秀。
- ▶ 适用于合金钢, 不锈钢系列, 钛 镍, 合金工具钢等工件加工。
- ▶ 侧面采用签名派, 可强力切削高速, 高移送加工。
- ▶ 采用减少震动的 Flute 设计, 可实现高速高移送加工。
- ▶ 强力切削时为最大程度地减少崩刃, 采用角部保护



Recommended ToolHolder	Flat Shank		Plain Shank	
	Page	Page	Page	Page
END MILL HOLDER	D118 - 137	-	POWER MILLING CHUCK	D161 - 176
-	-	-	HYDRAULIC CHUCK	D15 - 46
-	-	-	SHRINK FIT HOLDER	D47 - 72
-	-	-	ER COLLET CHUCK	D73 - 115

D < 6    D ≥ 6

Unit(单位) : mm

EDP No.	Corner Radius	Mill Diameter	Shank Diameter	Length of Cut	Overall Length	No. of Flute
	圆弧角	直径	柄径	刃长	全长	
	R	D1	D2	L1	L2	
EMD92030	R0.2	3.0	6	8	50	3
EMD92040	R0.2	4.0	6	10	50	3
EMD92050	R0.2	5.0	6	13	50	4
EMD92060	R0.2	6.0	6	13	60	4
EMD9206005	R0.5	6.0	6	13	60	4
EMD92070	R0.2	7.0	8	18	70	4
EMD92080	R0.2	8.0	8	19	70	4
EMD9208010	R1.0	8.0	8	19	70	4
EMD92090	R0.3	9.0	10	20	70	4
EMD92100	R0.3	10.0	10	22	75	4
EMD9210010	R1.0	10.0	10	22	75	4
EMD92110	R0.3	11.0	12	25	80	4
EMD92120	R0.3	12.0	12	26	80	4
EMD9212010	R1.0	12.0	12	26	80	4
EMD92140	R0.5	14.0	16	28	90	5
EMD92160	R0.5	16.0	16	32	100	5
EMD92160C	R0.5	16.0	16	42	100	5
EMD9216015	R1.5	16.0	16	32	100	5
EMD9216015C	R1.5	16.0	16	42	100	5
EMD92200	R0.5	20.0	20	38	100	5
EMD92200C	R0.5	20.0	20	45	100	5
EMD9220020	R2.0	20.0	20	38	100	5
EMD9220020C	R2.0	20.0	20	45	100	5

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Mill Dia. Tolerance (mm) 直径公差	Shank Dia. Tolerance 柄径公差
0 ~ - 0.05	h5

◎ : Excellent (优秀)    ○ : Good (良好)

ISO Material Description	P										M				K						
	Non-alloy steel					Low alloy steel					High alloyed steel, and tool steel				Stainless steel		Grey cast iron		Nodular cast iron		Malleable cast iron
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
HRC		13	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25		21	
HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230	
Recommend	○	○	○	○	○	○	○	○	○	○	○	◎	◎	◎	○	○	○	○	○	○	

ISO Material Description	N					S					H										
	Aluminum-wrought alloy		Aluminum-cast, alloyed		Copper and Copper Alloys (Bronze / Brass)	Non Metallic Materials	Heat Resistant Super Alloys			Titanium Alloys		Hardened steel	Chilled Cast Iron	Hardened Cast Iron							
VDI 3323	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
HRC											15	30	25	38	34			55	60	42	55
HB	60	100	75	90	130	110	90	100			200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550
Recommend											○	○	○	○	○	○	○				