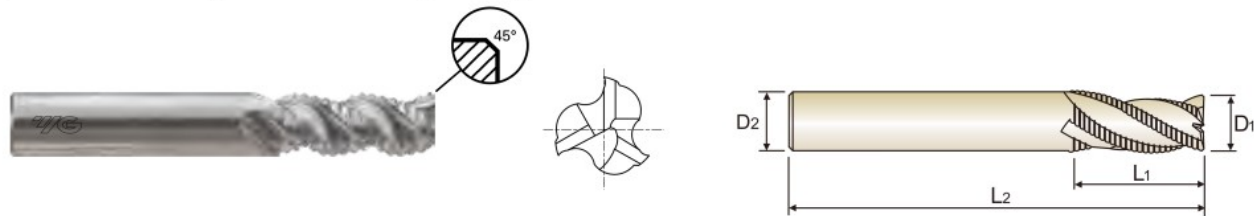


CARBIDE, 3 FLUTE 45° HELIX ROUGHING (Type A)
硬质合金, 3刃 45度螺旋 粗加工 (A型)

- ▶ Suitable for heavy cutting and good wear resistance due to new coating and new configuration of tool
- ▶ Suitable for cutting difficult to cut materials like alloy steels, stainless steels, Titanium, Inconel etc.
- ▶ Excellent surface roughness when side cutting due to high helix and 6 flutes

- ▶ 卓越性能在铝件, 铝合金, 非铁材质
- ▶ 镜面处理提高加工时表面粗糙度
- ▶ 最佳刃线设计提高排屑性能

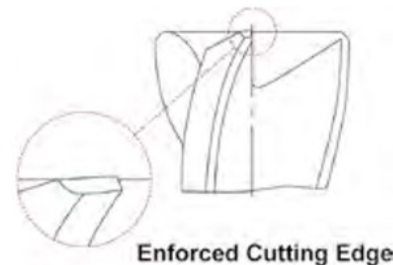


Recommended ToolHolder	Flat Shank	Page	Plain Shank	Page
	END MILL HOLDER	D118 - 137		HYDRAULIC CHUCK
			SHRINK FIT HOLDER	D47 - 72
			POWER MILLING CHUCK	D161 - 176
			ER COLLET CHUCK	D73 - 115

Unit(单位) : mm

EDP No.	Mill Diameter	Shank Diameter	Length of Cut	Overall Length	Chamfer 导向
	直径 D1	柄径 D2	刃长 L1	全长 L2	
E5D73040	4.0	6	10	55	0.15
E5D73050	5.0	6	15	55	0.2
E5D73060	6.0	6	15	60	0.2
E5D73060C	6.0	6	25	80	0.2
E5D73080	8.0	8	20	65	0.2
E5D73080C	8.0	8	30	90	0.2
E5D73100	10.0	10	25	70	0.2
E5D73100C	10.0	10	40	100	0.2
E5D73120	12.0	12	30	80	0.3
E5D73120C	12.0	12	50	110	0.3
E5D73140	14.0	16	35	90	0.41
E5D73160	16.0	16	42	100	0.41
E5D73160C	16.0	16	52	150	0.41
E5D73180	18.0	20	45	100	0.41
E5D73200	20.0	20	48	100	0.41
E5D73200C	20.0	20	55	160	0.41

Mill Dia. Tolerance (mm) 刃部公差				Shank Dia. Tolerance 柄部公差
up to Ø6	over 6 to 10	over 10 to 18	over 18 to 30	h5
0 ~ -0.048	0 ~ -0.058	0 ~ -0.070	0 ~ -0.084	



◎ : 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	◎	◎	◎	◎	◎																