

# アルミ加工用3枚刃スクエアエンドミル

3-Flute Square End Mill for Aluminum

## ALHEM3



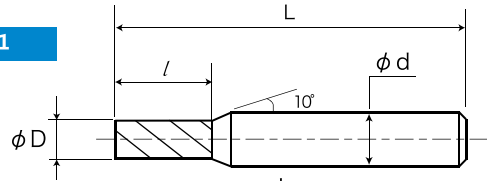
## ALHEM3010

Model Flute D

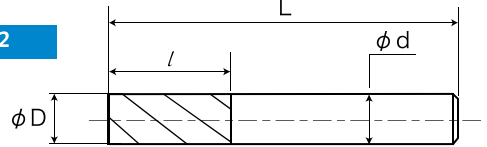
### 特性 Features

- Wide Application available in AC/ADC
- 3Flute eliminates chattering and suitable for drilling processing

Type 1



Type 2



MG  
超微粒



45°



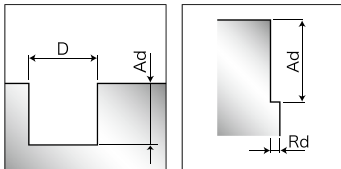
外径公差 Tolerance
0
-0.02

炭素鋼 Carbon Steel	合金鋼 Alloy Steel	調質鋼 Prehardened Steel	焼き入れ鋼 Hardened Steel				鋳鉄 Cast Iron	ステンレス鋼 Stainless Steels	アルミ合金 Aluminium Alloys	銅合金 Copper Alloys	チタン合金 耐熱合金 Ti/Ni Alloy	グラファイト Graphite	樹脂 Resin
			~45HRC	~55HRC	~60HRC	~65HRC							
								◎	○		○	○	

◎ = Best ○ = Good

MODEL 型番	D 外径	l 刃長	L 全長	d シャンク径	Type
ALHEM3010	1	3	40	4	1
ALHEM3020	2	6	40	4	1
ALHEM3030	3	9	50	6	1
ALHEM3040	4	12	50	6	1
ALHEM3050	5	15	55	6	1
ALHEM3060	6	18	55	6	2
ALHEM3080	8	24	65	8	2
ALHEM3100	10	30	75	10	2
ALHEM3120	12	36	80	12	2
ALHEM3160	16	48	110	16	2

### 推奨切削条件 Standard Milling Condition



- The table shows standard milling guidance of perforating process as written picture.
- Use a rigid and precise machine and tool holder.
- Select a cutting fluid appropriate to the particular usage.
- In case the revolution could not be increased by the machine used, please reduce feed speed and revolution at same ratio.
- When mounting End Mills, the run out of the lip will have to be set with in 0.01mm.

被削材 Work Material	アルミニウム合金 Aluminium Alloy		
	外径 (mm) Diameter	送り速度 Feed Rate (mm/min)	
		溝切削 Slotting	側面切削 Side Milling
1		405	600
2		405	600
3		405	600
4		495	750
5		495	750
6		495	750
8		600	900
10		600	900
12		705	1050
16		705	1050
側面切削 Depth of Cut		Ad≤0.2D	Ad≤1.5D Rd≤0.2D

スクエア Square

スクエア Square

ラジウス Radius

ボール Ball

ロングネック Long Neck

ラフニング Roughing

面取り加工用 Chamfering

ドリル Drill