

グラファイト用2枚刃ボールエンドミル DIAコート

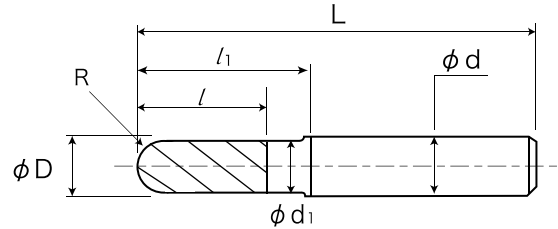
2-Flute Ball Nose End Mill for Graphite / DIA coat

DIA-BE2



DIA-BE2040

Model Flute R



ボール
Ball

特性 Features

- Diamond coating have surface hardness comparable natural diamond and achieves a miraculous durability in processing of graphite/resin aluminum and copper etc.
- long type provides deep die-shink processing

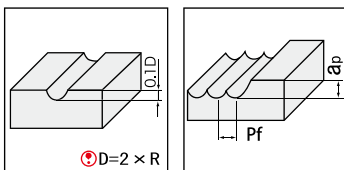


炭素鋼 Carbon Steel	合金鋼 Alloy Steel	調質鋼 Prehardened Steel	焼き入れ鋼 Hardened Steel				鋳鉄 Cast Iron	ステンレス鋼 Stainless Steels	アルミ合金 Aluminium Alloys	銅合金 Copper Alloys	チタン合金 耐熱合金 Ti/Ni Alloy	グラファイト Graphite	樹脂 Resin
			~45HRC	~55HRC	~60HRC	~65HRC							
									○	○		◎	○

◎ = Best ○ = Good

MODEL 型番	D 外径	R	/ 刃長	d 1	/ 1	L 全長	d 柄径
DIA-BE2010	2	1	10	1.9	20	100	4
DIA-BE2015	3	1.5	15	2.9	25	100	4
DIA-BE2020	4	2	20	3.9	30	100	4
DIA-BE2030	6	3	30	5.8	40	120	6
DIA-BE2040	8	4	40	7.8	50	150	8
DIA-BE2050	10	5	50	9.7	60	180	10
DIA-BE2060	12	6	55	11.7	65	200	12

推奨切削条件 Standard Milling Condition



- The table show 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 speed at same ration
- When mounting End Mills, The run out of the till will have to be set within 0.01mm

被削材 Work Material	グラファイト Graphite	
R 値 (mm)	送り速度 (mm/min) Feed rate	回転数 (min ⁻¹) Revolution
1	250	8000
1.5	380	8000
2	510	8000
3	765	8000
4	1000	8000
5	1250	8000
6	1500	8000
Ad	≤0.1D	
Pf	≤0.03D	

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