



CVD鑽石塗層刀具

CVD Diamond coating cutter

We continue implementing the advanced and excellent machinery and equipments to enhance the quality of our tools , increase the productivity and shorten the lead time.

UNLIMITED POSSIBILITY

CVD 鑽石塗層

具有許多優異的物性以及化性，其硬度、熱傳導速度、低摩擦係數、高折射率，未來鑽石塗層在機械、醫療、光電及電子元件等領域上將成為不可替代的產品。

CVD Diamond coating

Diamond's extremely high hardness makes it more resistant to abrasive wear than any other cutting tool material. In addition, high thermal conductivity and high chemical stability as well as low coefficient of friction help the retard the formation of built-up edges.

◆ 高硬度 (Hv7000~9000)
High hardness (Hv7000~9000)

◆ 低摩擦係數 (0.05~0.1)
Low coefficient of friction (0.05~0.1)

◆ 高熱傳導係數
High thermal conductivity

◆ 耐腐蝕、耐磨耗
Corrosion resistance
Abrasion resistance

產品應用

Application

◆ 石墨材料 *Graphite*

◆ 陶瓷材料 *Ceramic*

◆ 碳纖維材料 *Carbon fiber*

◆ 複合材料 *Composite Material*

碳纖維強化塑料

Carbon Fiber Reinforced Plastic(CFRP)

金屬基複合材料

Metal Matrix Composites (MMC)

陶瓷基複合材料

Ceramic Matrix Composites (CMC)

聚合物基複合材料

Polymer Matrix Composites (PMC)

鑽石塗層平刀

4 Flutes Milling Cutter - Square Type
with CVD Diamond Coating

D1	L1	M	L	d	F	Coated Order No.
刃徑 Flute Diameter	刃長 Flute Length	有效長 Effective length	全長 Full Length	柄徑 Shank Diameter	刃數 No. of Flute	鍍層產品編號 P/N (with coating)
3	9	15	75	3	4	KDS0300 E403153D
4	15	20	75	4	4	KDS0400 E404203D
4	15	20	100	4	4	KDS0400 G404203D
6	20	25	60	6	4	KDS0600 C406253D
6	20	25	100	6	4	KDS0600 G406253D
6	20	25	150	6	4	KDS0600 L406253D
8	25	35	100	8	4	KDS0800 G408353D
8	25	35	150	8	4	KDS0800 L408353D
10	25	35	100	10	4	KDS1000 G410353D
10	25	35	150	10	4	KDS1000 L410353D
12	25	35	100	12	4	KDS1200 G412353D
12	25	35	150	12	4	KDS1200 L412353D

