



钻石之睛 发现新价值 Diamond eyes Discover new value





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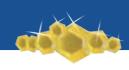












GPCD系列特点及应用场合 GPCD Characteristics and Application

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刀具用JX系列

JX Series for Cutting Tool

该复合片具有硬度适中、耐磨性好及抗冲击性优良等性能。用其制成的刀具,表 面光洁度高、使用寿命长、加工效率高。可应用于各种有色金属及其合金材料、 木材、陶瓷、强化塑料等加工领域。

Such kind of GPCD has well suited hardness, nice wear and impact resistance. Cutting tools made by such GPCD enjoys great surface finish, long service life and optimal cutting efficiency. It is widely applied in the fields of various non-ferrous metal, alloy, wood, ceramics and reinforced plastics, etc.

牌号及应用



标准规格表 Specification

GPCD系列

	形状	形状代号	角度/A	直径/D (mm)	总厚度/H (mm)	复合层/h (mm)
	Shape	Code	Angle/A	Diameter/D (mm)	Total Thickness/H (mm)	PCD Layer/h (mm)
ı	圆形 Circular	С	360	8/13/32/44/48	1.6/2.0/3.2	0.5

注: 其它形状,如长方形、三角形、扇形可根据要求从圆形中切割而出。

workpiece

Note: All the other shapes, like Rectangular (R), Triangle (T), and Fan (F) could be cut from the circular shape.

地质勘探用DK系列 **DK Series for Geological Drilling**

考虑到地质钻探的特殊要求,该GPCD采用先进的合成工艺,由高强的金刚石微 粉和特殊硬质合金在高温高压下一次复合而成,因而此类GPCD具有较高的磨耗 比和优异的抗冲击性。主要应用于地质勘探用钻头。

With regard to the special requirement on geological drilling, this kind of GPCD is produced by advanced synthesizing process, and with one compound of diamond micro powder of pretty good strength and special hardened alloy under high pressure and high temperature. Such kind of GPCD is endowed with relatively high grinding-wear ratio and great impact resistance. It is mainly applicable for geological drills.





标准型号规格 Standard Specification

产品规格 Specification	直径/D (mm) Diameter/D (mm)	总高度/H (mm) Total Height/H (mm)	复合层/h (mm) PCD Layer/h (mm)
	10.40	4.5	1.5
	12.40	4.5	1.5
D.V. 04	13.30	4.5	1.5
DK-01	15.00	8.0	1.6
	16.00	8.0	1.6
	19.00	8.0	1.7



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石油钻头用SY系列

SY Series for Oil Drilling

采用新型触媒及高强金刚石微粉,并运用先进生产工艺制造而成的高品级复 合片。该类GPCD硬度高、耐磨性好,同时也具有优越的锋利度、较好的抗 冲击韧性和热稳定性。

Besides the advanced manufacturing process, new catalyst and diamond micro powder of great strength are used in the manufacturing of such kind of high quality polycrystalline diamond. It has high hardness, good wear resistance. Meanwhile, it enjoys fantastic sharpness, relatively good impact resistance and thermal stability.





标准型号规格 Standard Specification

产品规格 Specification	直径/D (mm) Diameter/D (mm) (±0.05mm)	总高度/H (mm) Total Hight/H (mm) (±0.1mm)	复合层高度/h (mm) PCD Layer/h(mm) (±0.2mm)	合金层倒角/a (mm) PCD Bevel/a(mm) (±0.1mm)	复合层倒角/b (mm) Alloy Bevel/b(mm) (±0.1mm)
	13.3/13.44	8.00	2.0	0.3	0.5
	13.44	13.20	2.0	0.3	0.5
	15.88/16.05	8.00	2.0	0.3	0.5
SY-01	15.88/16.05	13.20	2.0	0.3	0.5
	19.05	8.0	2.0	0.3	0.5
	19.05	13.20	2.0	0.3	0.5
	19.05	16.30	2.0	0.3	0.5



我们期待与您一起, 共同开发更适合市场需求的新产品 We are looking forward to developing more new products for the market with you.







GPCD系列