

Cvd Diamond Wire Drawing Die Blanks

Item Number: cvdm-03



Introduction

CVD diamond wire drawing die blanks: superior hardness, abrasion resistance, and applicability in wire drawing various materials. Ideal for abrasive wear machining applications like graphite processing.

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| Product Number | Diameter of Inner Circle(mm) | Thickness(mm) |
|----------------|------------------------------|---------------|
| CVDD2010 | 2.0 | 1.0 |
| CVDD2512 | 2.5 | 1.2 |
| CVDD3015 | 3.0 | 1.5 |
| CVDD4020 | 4.0 | 2.0 |

Note: The shapes mentioned above are hexangular.

Special specifications are available on request.

Parameters of properties

| | |
|----------------------|------------------------------|
| Vickers hardness | 7000-10000kg/mm2 |
| Density | 3.51g/cm3 |
| Young's modulus | 1000-1100GPa |
| Thermal conductivity | >1000W/m.K |
| Chemical stability | insoluble in alkali and acid |