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D15 PCD Drawing Dies Polycrystalline Diamond Dies For Soft Hard Wires 0.500 - 1.500mm

Our Product Introduction

Basic Information

- Place of Origin: China
- Model Number: D6 - D36
- Minimum Order Quantity: 1 Piece
- Price: Negotiable
- Packaging Details: Carton, Box
- Delivery Time: 5-10 work days
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 200 pieces per day



Product Specification

- PCD Drawing Dies: Soft Wires And Hard Wires
- Size: Customized Size
- Material: Polycrystalline Diamond Core
- Surface Treatment: Polishing
- Application: Wire Drawing Industry
- Type: Mold Tool
- Highlight: **D15 PCD Drawing Dies ,
PCD Drawing Dies 0.5mm,
Polycrystalline Diamond Dies 1.500mm**

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Product Description

D15 PCD Wire Dies, polycrystalline diamond dies, Wire Drawing Dies For Soft Wires and Hard Wires

1. Description:

Polycrystalline diamond (PCD) is a kind of artificially sintered diamond, which can be used in all wet drawing and dry drawing processes, polycrystalline diamond high temperature pressing and alloy bond sintering. The maximum recommend hole of D15 is 1.5mm.

Polycrystalline diamond (PCD) Wire Drawing Die is the longest die life of all materials, which can provide the highest production efficiency and reduce downtime.

2. Specifications:

inches	mm	ADDMA	Maximum Diameter
0.0039-0.0157	0.100-0.400	D6	0.4
0.0079-0.0315	0.200-0.800	D12	0.8
0.0079-0.0394	0.200-1.000	D12	1.0
0.0197-0.0591	0.500-1.500	D15	1.5
0.0197-0.0591	0.500-1.500	D15	1.5
0.0315-0.0787	0.800-2.000	D18	2.0
0.0315-0.0787	0.800-2.000	D18	2.0
0.0472-0.1181	1.200-3.100	D21	3.1
0.0472-0.1181	1.200-3.100	D21	3.1
0.0591-0.1732	1.500-4.400	D24	4.4
0.0591-0.1732	2.000-4.400	D24	4.4
0.1299-0.2126	3.300-5.400	D27	5.4
0.1299-0.2183	3.300-5.800	D27	5.8
0.2008-0.2992	5.100-7.600	D30	7.6
0.3150-0.4331	8.000-11.000	D33	11.0
0.3150-0.4409	8.000-11.200	D30	11.2
0.3150-0.4724	8.000-12.000	D33	12.0
0.3150-0.4921	8.000-12.500	D33	12.5
0.3150-0.5000	8.000-12.700	D36	12.7

Note: The above hole sizes are recommended for soft wire. In case of hard wire drawing, the maximum hole size should not exceed 65% of them.

3. Application:

Flexible wire: copper wire, aluminum wire, brass wire, gold wire, aluminum magnesium alloy, copper clad steel wire, etc.

Hard wire: stainless steel wire, copper plated wire, copper plated wire, tungsten wire, molybdenum wire, cutting wire, chromium wire, nickel wire, etc.

4. Advantage:

It is suitable for all applications from large drawing to ultra-fine drawing, with predictable wire surface quality.

There are three types of polycrystalline diamond core: non-reinforced ring type, reinforced ring type and heat stable setting type.



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