



## 长沙三必得超硬材料有限公司

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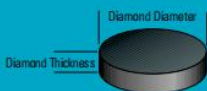
www.3betterdiamond.com Email:sales@3bdiamond.com

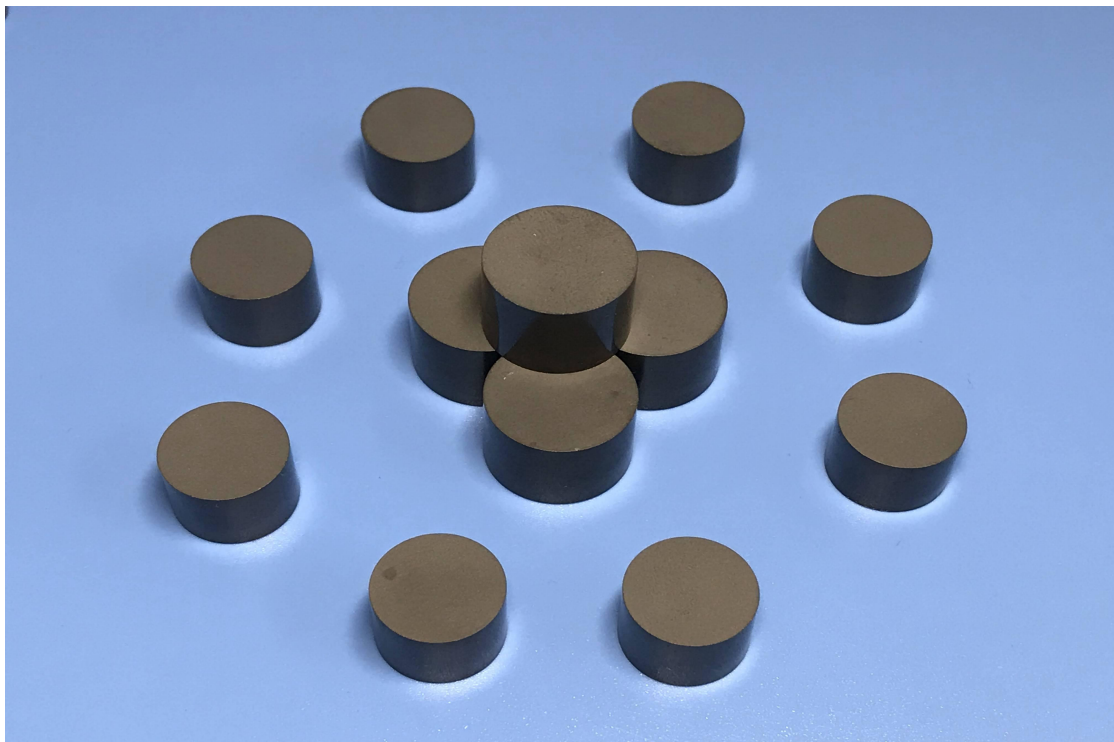
### Product introduction:

PCD dies- Co base have two different die blank: Self-Supported Die Blanks & Tungsten Carbide Supported Die Blanks.

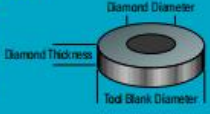
Dies with tungsten carbide supported die blanks can withstand greater pull, more used in the manufacture of large aperture mold embryo, pulling a thicker diameter of wire - 3mm or more wire is recommended with carbide ring.

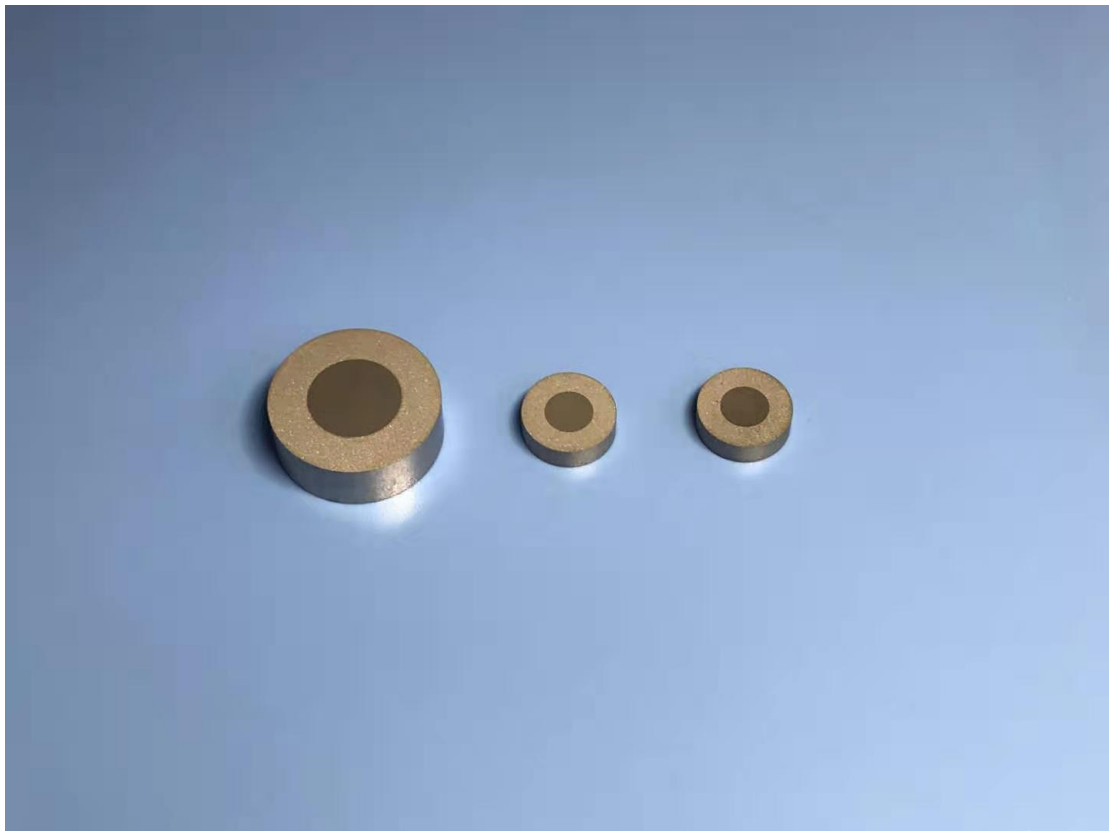
### Self-Supported Die Blanks:

ADDMA <sup>TM</sup> Designation	Nominal Diamond Diameter x Thickness [mm x mm]	Product Designation / Average Grain Size			 Total Blank Diameter
		5 μm	5 μm	25 μm	
D-6	3.1 x 1.0	5010-TS	5010-MF	5010-TSC	(Not Applicable)
D-12	3.1 x 1.5	5015-TS	5015-MF	5015-TSC	
D-15	5.2 x 2.5	5025-TS	5025-MF	5025-TSC	
D-18	5.2 x 3.5	5035-TS	5035-MF	5035-TSC	



# Tungsten Carbide Supported Die Blank

ADDMA <sup>®</sup> Designation	Nominal Diamond Diameter x Thickness [mm x mm]	Product Designation / Average Grain Size					Total Blank Diameter
		3 μm	5 μm	25 μm	50 μm		
D-12	1.5 x 1.5	5235				3.99 ± 0.013	
D-15	4.0 x 2.3	5823	5223	5430		8.12 ± 0.013	
D-18	4.0 x 2.9	5829	5229	5435		8.12 ± 0.013	
D-21	7.0 x 4.0		5840	5240	5530	13.65 ± 0.013	
D-24	7.0 x 5.3		5853	5253	5535	13.65 ± 0.013	
	13.0 x 7.0			5225	5725	24.13 ± 0.025	
D-27	13.0 x 8.7			5208	5730	24.13 ± 0.025	
D-30	13.0 x 11.6			5211	5735	24.13 ± 0.025	
	18.6 x 13.5			5913		34.00 ± 0.025	
D-33	18.6 x 15.5			5915		34.00 ± 0.025	
	18.6 x 17.5			5917		34.00 ± 0.025	
D-36	18.6 x 18.5			5918		34.00 ± 0.025	



# Production Process



**Production Process**