





SF DIAMOND CO., LTD

SFD-PCD Self-supported Die Blanks								
	Product Number	ADDMA Designation	Diamond Diameter X Thickness (mm)	Grain Size Available (μm)				Maximum Recommended Bearing Diameter (mm)
				3μm	5μm	10μm	25μm	
Hexagonal 	CD210H	D6	2.5 x 1.0	•	•	•	•	0.4
	CD315H	D12	3.2 x 1.5	•	•	•	•	1.0
	CD525H	D15	5.2 x 2.5	•	•	•	•	1.5
	CD535H	D18	5.2 x 3.5	•	•	•	•	2.0
Round 	CD310	D6	3.2 x 1.0	•	•	•	•	0.5
	CD315	D12	3.2 x 1.5	•	•	•	•	1.0
	CD525	D15	5.2 x 2.5	•	•	•	•	1.5
	CD535	D18	5.2 x 3.5	•	•	•	•	2.0
	CD740	D21	7.2 x 4.0		•	•		3.1
	CD953	D24	9.5 x 5.3		•	•		4.4

Mount at temperatures not exceeding 650°C.



Typical order code: for example, CD310-005, Means: Product Number: CD310, Average Grain Size: 5μm.

Maximum Recommended Bearing Diameter for “soft” nonferrous wire. “Hard” wire diameter normally should not exceed **65%** of this diameter.



SF DIAMOND CO., LTD

SFD-TSD Self-supported Die Blanks

	Product Number	ADDMA Designation	Diamond Diameter X Thickness (mm)	Grain Size Available (μm)				Maximum Recommended Bearing Diameter (mm)
				3μm	5μm	10μm	25μm	
Hexagonal 	TSD210H	D6	2.5 x 1.0		•			0.4
	TSD315H	D12	3.2 x 1.5		•			1.0
	TSD525H	D15	5.2 x 2.5		•			1.5
	TSD535H	D18	5.2 x 3.5		•			2.0
Round 	TSD310	D6	3.2 x 1.0		•			0.5
	TSD315	D12	3.2 x 1.5		•			1.0
	TSD525	D21	5.2 x 2.5		•			1.5
	TSD535	D24	5.2 x 3.5		•			2.0


Typical order code: for example, CD310-005, Means: Product Number: CD310, Average Grain Size: 5μm.

Maximum Recommended Bearing Diameter for “soft” nonferrous wire. “Hard” wire diameter normally should not exceed 65% of this diameter.



SF DIAMOND CO., LTD

SFD - PCD Tungsten Carbide Supported Die Blanks

	Product Number	ADDMA Designation	Total Blank Diameter (mm)	Diamond Diameter X Thickness (mm)	Grain Size Available (μm)					Maximum Recommended Bearing Diameter (mm)
					3μm	5μm	10μm	25μm	50μm	
	CD415	D12	8.12	4.2 x 1.5	•	•	•	•	•	1.0
	CD423	D15	8.12	4.2 x 2.3	•	•	•	•	•	1.5
	CD429	D18	8.12	4.2 x 2.9	•	•	•	•	•	2.0
	CD638SP	D21	13.65	6.8 x 3.8	•	•	•	•	•	3.1
	CD653SP	D24	13.65	6.8 x 5.3	•	•	•	•	•	4.4
	CD1285SPX	D27	26.6	12.9 x 8.7			•	•	•	5.8
	CD1212SPX	D30	26.6	12.9 x 12.0			•	•	•	7.6
	CD1512SPX	D30	26.6	15.2 x 12.1				•	•	9.0
	CD1515SPX	D33	26.6	15.2 x 15.1				•	•	11.0
	CD1813SPX	D30	30	18.2 x 13.5				•	•	11.2
	CD1815SPX	D33	30	18.2 x 15.5				•	•	12.0
	CD1817SPX	D33	30	18.2 x 17.5				•	•	12.5
	CD1818SPX	D36	30	18.2 x 18.5				•	•	12.7
	CD2516SP		50	24.5 x 16.0				•	•	13.0
	CD2518SP		50	24.5 x 18.0				•	•	14.0
	CD2520SP		50	24.5 x 20.0				•		14.5
	CD3018SP		50	30.0 x 18.0					•	15.0
	CD3020SP		50	30.0 x 20.0					•	16.0

Mount at high temperature not exceed 650°C with high strength metal setting powders.

Typical order code: for example, CD423-010, Means: Product Number: CD423, Average Grain Size: 10μm.

Maximum Recommended Bearing Diameter for “soft” nonferrous wire. “Hard” wire diameter normally should not exceed **65%** of this diameter.