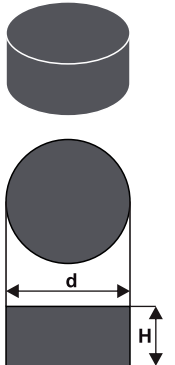




P_{erfection} and C_{ompetence} in D_{iamond}

Polycrystalline diamond blanks

Self supported							
Type	PC Diamond d x H in mm	Max. recomm. Die size in mm	Grain size available				
			1µm	5µm	25µm	40µm	
MSD-6	2,5 x 1,0	0,5	x	x	x		
MSD-12	3,2 x 1,5	1,0	x	x	x		
MSD-14	4,0 x 2,0	1,2	x	x	x		
MSD-15	5,2 x 2,5	1,5	x	x	x	x	
MSD-18	5,2 x 3,5	2,0	x	x	x		

Also thermostable available.

Tungsten carbide supported						
Type	PC Diamond d x H in mm	Total blank D in mm	Max. recomm. Die size in mm	Grain size available		
				1µm	5µm	25µm
MTD-12	1,8 x 1,5	4,0	0,8			x ¹⁾
MTD-15	4,2 x 2,3	9,7	1,8	x ¹⁾	x	x
MTD-18	4,2 x 2,9	9,7	2,3	x ¹⁾	x	x
MTD-21	7,1 x 4,1	14,0	3,5		x	x
MTD-24	7,1 x 5,1	14,0	4,5		x	x
MTD-27	13,0 x 8,5	24,1	6,0			x ¹⁾
MTD-30	13,0 x 12,0	24,1	7,5			x ¹⁾
MTD-31	15,2 x 12,0	26,0	9,0			x ¹⁾
MTD-33	15,2 x 15,1	26,6	11,2			x ¹⁾
MTD-36	18,2 x 18,5	30,0	12,7			x ¹⁾

Normal PC blanks can be mounted by sintering, brazing or shrink process with temperatures up to 650°C. Thermostable PC blanks can be mounted by sintering process with temperatures up to 1050°C. Max. recommended die size for copper, aluminium and other soft nonferrous wire. Hard wire(steel) should not exceed 70% of this diameter. Order Code = Type + Grain size (example: MTD-24-025, grain size 25 micron). Bigger pcd blanks on request.

¹⁾ TC-ring cylindrical

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