

Polycrystalline diamond layers are widely used in hard metal tools for the aerospace industry. This type of coating is specially recommended for machining aluminium, carbon fibre, reinforced plastics (CFRP, GFRP), laminar sandwich composites, graphite and cermets.

	Hardness,	Colour	Thickness ( $\mu\text{m}$ )	Oxidation T
CCDIA CARBONSPEED	10000HV	Dark Grey	7 <sup>+1</sup>	450°C
CCDIA FIBERSPEED	10000HV	Dark Grey	9 <sup>+1</sup>	450°C
CCDIA MULTISPEED	10000HV	Dark Grey	3/14 <sup>+1</sup>	450°C
CCDIA AEROSPEED	10000HV	Dark Grey	3/9/14 <sup>+1</sup>	450°C
CCDIA CARBIDESPEED	10000HV	Dark Grey	3 <sup>+1</sup>	450°C



Technology by:

GEMCON



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