



high precision tooling

Machine Tools, PCD, PVD, CVD, CBN, Hard Metal

NEW IN 2019!

Deburring with electro-plated diamond and CBN tools

Parallel to the increasing popularity of “lightweight” materials – such as fibre composites (GRP, CFRP, Clare) – there is also an ever-increasing demand for machining tools that can improve performance and cost-efficiency.

Polycrystalline cutting materials have long since proven their superiority to carbides during the machining of aluminium, GRP, CFRP, green ceramics, graphite and other materials. On the other hand, electro-plated diamond and CBN tools have been around for almost fifty years.

Electro-plated diamond or CBN files and grinding pins are essential for tool and mould construction. Companies which are machining graphite as well as manufacturers of carbides and ceramics appreciate electro-plated tools, especially because of the possibility to quickly and efficiently coat a large variety of different tool shapes (mounted on steel bodies) with either coarse or fine diamond grit. Today, machining specialists for fibre compound materials increasingly draw back on these long-term experiences – parallel to PCD tool development.

LACH DIAMANT offers a special service for all electro-plated diamond and CBN tools: Re-coating of submitted steel bodies or worn-out electro-plated tools – also for tools of other manufacturers.

