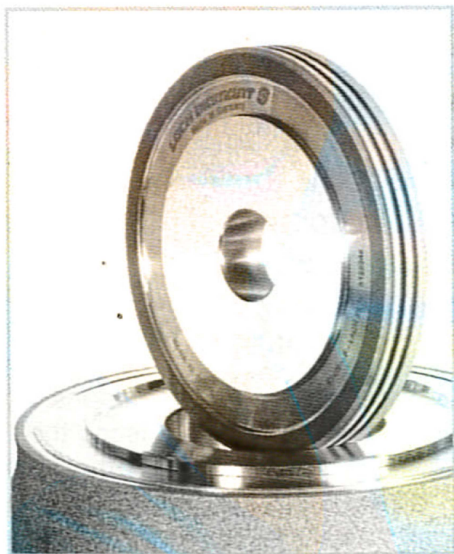


“Three-in-one” grinding wheel saves time and money



Source: Lach Diamant

The “contour-profiled” wheel replaces the set of wheels required for the same job.

Grinding – The contour-profiled diamond and CBN grinding wheel from Lach Diamant, a “three-in-one offering”, is the company's new grinding technology, which cut costs during serial production, the company says.

According to Lach Diamant, synthetic resin-bonded grind-

ing wheels require up to three processing steps during in-depth grinding of carbides, highly alloyed and ceramic components. The new metal-bonded, contour-profiled grinding wheel now accomplishes this task in one single step. Almost every profile type, concave or convex, is possible – and with smallest tolerances of up to 0.005 mm.

Costs for abrasives and wheels can be reduced greatly thanks to this grinding wheel, which replaces all the necessary set of wheels that were required until now. Tool life is up to 25 times longer, for example, in solid carbide thread inserts, the company claims. Moreover, according to the diamond and CBN tool manufacturer, the wheels achieve time savings of up to 35% to 60% through higher feed rates per workpiece.

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