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SPECIAL ISSUE
CUTTING TOOL GUIDE

LACH DIAMANT invites to Composites Europe Trade Fair September 22nd – 24th, 2015 in Stuttgart/Germany

Composite materials – glass fibre and carbon fibre reinforced plastics (GFRP / CRP) – are an essential part of today's technology and daily life.



Composites are lightweight materials with multiple benefits. They are vital components in aircraft

production and help minimize fuel expenses; wind turbine blades are also made out of composites and they are widely used in the automobile and sports equipment industry. Bike manufacturers have a long standing tradition of using these lightweight materials for the benefit of their consumers.

Even engineers who design skyscrapers and bridges experiment with CRP materials in order to make their constructions more resistant and durable against environmental impacts than traditional steel elements.

LACH DIAMANT developed specialized diamond tools that are as versatile as the composite materials and their multiple applications.

The trade fair Composites Europe will be held in Stuttgart, Germany, from September 22nd through 24th. You are welcome to visit LACH DIAMANT at hall 7/A25 to immerse yourself in this fascinating multi-faceted world of composite tooling.

LACH DIAMANT has more than 40 years of experience in the production of polycrystalline diamond tools and will provide you with efficient solutions based on solid and extensive know-how.

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LACH PCD end mill with plunge cut for interior lining in the automobile industry.

INFO

PRECISION DIAMOND DRESSING ROLL DREBOJET®-PLUS FOR THE PROFILING OF GRINDING WHEELS

A New Development from the Pioneer LACH DIAMANT

With a working width of 0.6 to 1.5 mm, the new "wheel design" of the diamond dressing roll drebojet®-plus is the ideal truing tool for CNC dressing of conventional grinding wheels.

Another application area for drebojet®-plus is the dressing/profiling of ceramic bond diamond and CBN grinding wheels during serial production.

Example: Camshaft grinding.

LACH DIAMANT precision dressing rolls drebojet®-plus feature increased tool life and absolute profiling precision compared to conventional dressing rolls for CNC profiling.

For more information visit www.lach-diamant.de or contact your LACH DIAMANT service team.



Precision Dressing Roll drebojet®-plus during Profiling a Conventional Grinding Wheel.