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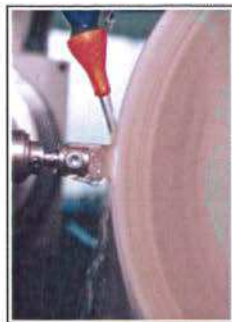
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NEW PRODUCTS AND PRESS RELEASES



Lach Diamond introduces »Dia-Fliese-perfect« The diamond dressing plate for perfect grinding results

February 1, 2013

February 1, 2013 Grand Rapids, MI. Basically nothing has changed in the last 25 years in the design of a diamond dressing plate or also called diamond »Fliese«.

The size of the plate ranges from 10 x 10 mm up to 20 x 15 mm - the thickness of the diamond coating which can be natural diamond grains but also diamond rod/needles or - due to a shortage of suitable natural diamonds in world markets - synthetic diamonds MKD or CVD have been used as well in the last few years. All of these materials have one objective: To come as close as possible to the natural diamond with its stable tip.

With conventional tools the simulated diamond tip (dimension x), depending on the grinding wheel grain to be dressed, can be 0,5 to 2,0 mm. The individual diamond particles or grains are held by a sinter matrix mostly of tungsten carbide, which are attached either to the one-sided or two-sided plate carrier.

The newly developed »Dia-Fliese-perfect« can already be supplied with a one-sided diamond coating with a diamond thickness (x) as of 0,2 mm and thus conforms to the highest demands for precision as well as for very fine profiling assignments with the highest cutting performance.

Besides, the broad range of existing diamond versions is available in high quality and maximum service life for »Dia-Fliese-perfect«.

The one-sided »Dia-Fliese-perfect« can be applied for plunge cuts - profiling as well as for longitudinal feed.

Special advantage: The three working steps, as a rule, can be carried out with a single »Dia-Fliese-perfect« with the diamond coating centered towards the middle.

For more information from LACH DIAMOND visit our website at <http://www.lach-diamond.com> or see us at the EMO in Hanover.