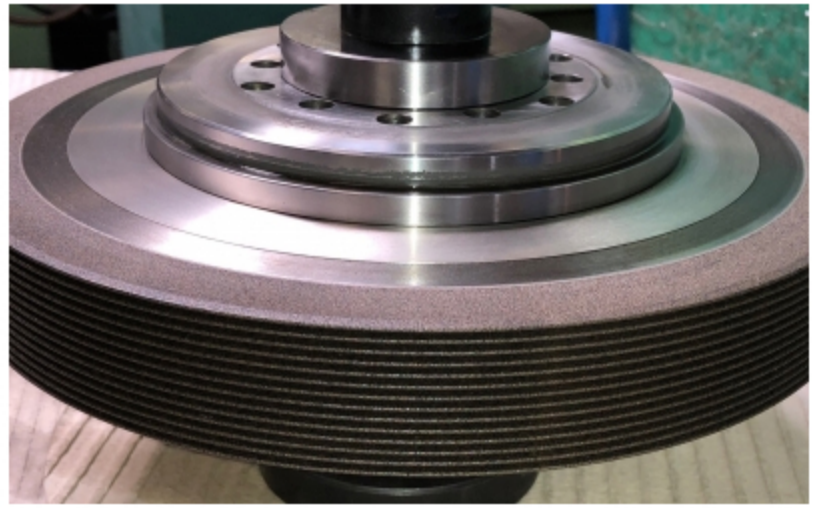
CUTTING TOOL ENGINEERING®

August 30, 2018



As often happens, world innovations stay hidden in the background, and no one thinks further about the manufacturing of various products in daily life, or did you ever worry about how exactly hair clippers are manufactured? LACH DIAMOND says it addressed this subject matter and proved once again the unlimited possibilities of »contour-profiled« technology for profile grinding metal-bond diamond and CBN grinding wheels.

LACH manufactures even profile depths of 13.5 mm with a bridge thickness of 0.5 mm without any problems. Therefore, the manufacturing process for hair clippers will be simplified.

Previously, hair clippers had to be ground with conventional grinding wheels. The manufacturing process proved to be highly complex as the conventional grinding wheel had to be newly dressed after each stroke to retain the profile of a hair clipper.

The newly developed »contour-profiled« grinding wheel by LACH DIAMOND consists of a metallic binding matrix, which makes any reprofiling during the grinding process redundant. That means that the entire profile was already put on a »mini-contour-profiled« machine via the LACH DIAMOND-developed, electro-erosive »EDG-plus« procedure. This means for the user or manufacturer of hair clippers a production time reduction of at least 75 percent.