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## New Coatings Offer an Increase in Performance

By new diamond like amorphous carbon layers DLC = diamond like carbon, called CH coating, REIME is extending its range of coated threading tools.

DLC coated tools of REIME result in a substantial performance increase at machining of threads in non-ferrous alloys.

The extraordinary wear resistance of the CH coating is obtained by a high hardness (>2.500 HV) and a reduced adhesion tendency.

As default solution, the CH coating is available for NORIS thread drills with the designation „SOFT“ and for thread formers of the series „NORIS SPANLOS NEO CNC“. These tools specially have been developed for the machining of wrought aluminum alloys and provide in this case a high productivity.

A combination of the tenacious TiN coating and the DLC coating is a further new development. This „TiNCH“ coating largely resists not only high mechanical (abrasive wear/clamping effect) but also thermal strain. The new TiNCH coating mainly is used in the machining of titanium and titanium alloys with the proven thread drills NORIS SL30 TI for pocket hole machining up to 2 x D and with the thread drills NORIS STABIL TI for machining of through-holes and provides excellent cutting results.



**Picture legend:  
NORIS taps with TiNCH coating**

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### About the company:

Ernst Reime Vertriebs GmbH, Feucht near Nuremberg, was founded in 1915 and now focuses on the production, development, application and sale of precision thread tools such as thread drill, formers and mills. In addition to the name REIME, the NORIS brand is very well known in the sector. REIME is currently represented by specialist dealers in over 40 countries around the world.