



**For Release:** immediately

**Images:** 1 x jpg

Lauf, 09.09.2021

## Larger dimensions for high-strength steels

**Tapping of high-strength steels is increasingly in demand for larger diameters. EMUGE therefore provides additional, larger dimensions in the Rekord HCut carbide tap range.**

EMUGE´s HCut tool geometry is the suitable tool programme for thread cutting in high-strength or hardened steels, which enables process-reliable thread production with specially adapted flute shape and suitable rake angles and clearance angles. EMUGE offers the HCut taps in the cutting materials HSSE-PM and carbide in order to optimally machine different hardness properties of materials. EMUGE recommends using the HSSE-PM tap version for material hardness of 44 to 55 HRC, as is the case with the SSAB steels Toolox 44 or ArmoX 500T. The carbide version is designed for use at hardness of 55 to 63 HRC, which can be found, for example, in the SSAB steels Strenx 1300, Hardox 500, 600 or Extreme.

The taps with a solid carbide head are now available in the diameters M20, M24 and M30 in the tolerance 6HX. They feature a chamfer form C or D, the latter being recommended for through-holes. Besides their special geometry, the tools also have an optimised TiCN coating to ensure high process reliability.

### **About EMUGE-FRANKEN:**

For more than 100 years, the German company group EMUGE-FRANKEN has been one of the world´s leading manufacturers of precision tools for thread cutting, gauging, clamping and milling. With 1,900 employees, EMUGE-FRANKEN offers an innovative product program with 40,000 in-stock items and a multiple of that with customer-

specific tools. The product range is focused on applications in the automotive industry, power plants, aerospace industry, medical technology as well as mechanical and plant engineering. As a system supplier for machining industry, EMUGE-FRANKEN has own branch offices or sales partners in 53 countries.

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## Images:



Image 1: The special HCUT geometry enables reliable tapping in hardened steels.