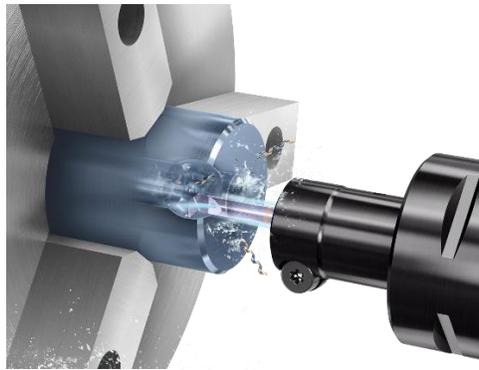


PRESS RELEASE

SEPTEMBER 2019

Profiling with Chip Breaker and Face Grooving Tools: New Groovex micrOscope Tools*Unique Tools for Internal Micro-machining*

September, 2019 – At EMO Hannover 2019, VARGUS is pleased to introduce two new families to the impressive Groovex micrOscope line: Boring & Profiling tool with Chip Breaker and High Pressure Coolant (CBLF), as well as new generation internal and external face grooving tools, also available with High Pressure Coolant (HPC). The popular micrOscope line includes an extensive range of solid carbide tools for boring, grooving, chamfering and threading in bores as small as 0.5mm.



The new CBLF for profiling applications offers a very positive chip breaker (type “F”), which creates short helical chips and is designed to prevent tangling, thus eliminating down time of the machine.

All CBLF tools also feature HPC, up to 100 bar, and are designed to cool down the cutting edge for much longer tool life. The new CBLF tools are offered in diameters 4.0, 5.0, & 6.0mm, and can machine in holes as small as 4.2mm.



Additionally, Vargus is introducing an improved geometrical design for internal and external face grooving tools in the micrOscope line. These tools, which can be used also for face turning, are offered with and without HPC. They include a reinforced cutting edge, as well as a new positive chip former for better chip control. The new face grooving tools are offered in a wide range of grooving widths from 1.00mm up to 3.18mm. All tools are available in 6.0mm shank diameter.

The range of the new micrOscope tools are offered in the standard VTX grade – AlTiN, PVD coated, sub-micron substrate multipurpose grade, designed to machine in medium to high cutting speeds.

To learn more about the **micrOscope profiling with chip breaker and face grooving tools**, and other VARGUS innovations at EMO Hannover 2019, please visit: Hall 3, Stand H29.

Issued on behalf of VARGUS Ltd.

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About VARGUS: VARGUS Ltd., established in 1960, is the tooling division of the NEUMO Ehrenberg Group, a multinational organization with over 30 companies worldwide. VARGUS Ltd., serving customers in more than 100 countries around the globe, is a leading manufacturer and supplier of quality tooling for threading, turning, milling and grooving applications, as well as hand deburring tools. A customer-focused organization, VARGUS Ltd. is committed to providing innovative products and solutions of the highest quality and excellent value and is renowned for its technical expertise and uncompromising service.