

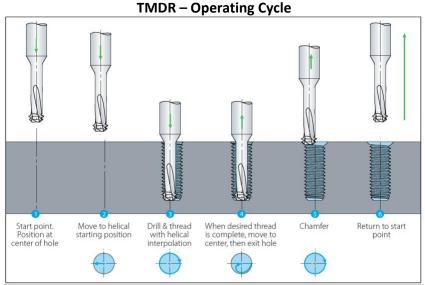
PRESS RELEASE SEPTEMBER 2019



TMDR from VARGUS: 3-in-1 Tool – Now Available in Additional Thread Standards Newest Expansion for Simultaneous Drilling, Thread Milling and Chamfering

September 2019 – At EMO Hannover 2019, VARGUS is pleased to introduce the expansion to the popular and extremely successful TM Solid TMDR family of tools: for Drilling, Thread Milling & Chamfering - all in one tooling operation.

TMDR tools do not require pre-drilled holes and simultaneously drill and thread the desired hole into the workpiece. Since its first introduction at EMO Hannover 2017, TMDR tools have proven in the field to substantially improve cycle time and productivity. The TMDR also works on components with pre-drilled holes such as blind holes, thru holes, and even semi-finished holes.



The newly expanded TMDR now includes additional ISO Metric standards, as well as a brand-new offering of BSP (G) and conical thread standards (NPT)

- Metric:
 - o ISO Metric: 1.50, 1.75, 2.0, 3.0 for 2.5 X Do (thread diameter)
 - o BSP (G): 28, 19 & 14 TPI for 2 X Do (thread diameter)
- Metric and Inch:
 - o NPT: 27, 18 & 14 TPI

All new TMDR tools are available with coolant thru as standard.

TMDR tools are available in the general purpose VTS grade, which is TiAlN-coated for high resistance to wear.



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The new TMDR tools are fully integrated in the **VARGUS GENius™** software for tool selection and cutting data – ready to meet the most demanding threading requirements.

Come learn more about the new TMDR tools and other VARGUS innovations at EMO Hannover 2019, 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.