



## **NEW FROM VARGUS: TMSD DEEP-HOLE THREAD MILLING PROGRAM EXTENDED**

**October 5, 2015** – VARGUS' **TMSD Thread Mill for Deep Holes** System is a multi-flute, high-productivity and cost-effective solution for threading deeper and harder-to-reach holes. At EMO Milano 2015 VARGUS Ltd., in its ongoing mission to provide its customers with end-to-end threading solutions, is introducing two important extensions to the TMSD system:

- Full profile inserts for the ISO Metric, American UN, NPT and American Buttress standards
- Vertical inserts, in the following styles: Partial Profile 60°, Partial Profile 55°, Trapez and Stub ACME

These two developments are a welcome addition to the already successful TMSD partial profile inserts product.

### **The TMSD Full Profile Inserts:**

- **Extend tool life** by providing the optimal nose radius for each of the following specific pitches:
  - ISO – 1.0, 1.5, 2.0
  - UN – 18, 16, 14, 12
  - NPT – 18, 14, 11.5, 8
  - ABUT – 16, 12, 10, 8, 6, 4, 3, 2.5
- Are available in IC sizes: 5"L, 1/4"U, 3/8"U, 1/2"U.
- Provide the **flawless surface finish** required by the most demanding applications such as medical devices, equipment for the food industry, and other high-precision and high-tech components.
- Full profile inserts use the same TMSD toolholders as the partial profile inserts.

### **The TMSD Vertical Inserts:**

- Have a smaller cutting diameter and three flutes for **faster machining of small applications** (Min D2=10.5mm, .41")
- **Extend tool life** by providing reinforced support for the insert cutting corner
- Have Coolant Thru as standard, for **improved chip evacuation** and **cooling at the cutting corner**
- **Toolholders** can also be used in VARGUS' GROOVEX line (GM Slot) for grooving applications
- **Vertical inserts are fully compatible with the Steel Weldon Shank Carbide Cylindrical Shank toolholders.**

The new vertical line and full profile inserts are fully supported by **VARGUS GENius™**, the most advanced Tool Selector and CNC Program Generator in the metal cutting tools industry.

**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 29 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.*