

PRESS RELEASE

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### NEW FROM VARGUS: STANDARD GEAR MILLING INSERTS

**October 5, 2015** – The **VARDEX** line of original and innovative Gear Milling tools are used around the globe in a wide range of Gear, Spline and Rack manufacturing applications. To meet a growing market demand and expedite the ordering process, **VARGUS** is pleased to add a **Standard Line** for Gear Milling Inserts. To date these highly accurate and cost-effective tools were available only in tailor-made configurations according to specifications provided by the customer.

At EMO Milano 2015 VARGUS is introducing a new set of standard yet versatile Gear Milling inserts for gear applications that are kept in stock and thus cut down considerably on delivery times.

VARGUS offers standard gear inserts for DIN 3972 Basic Profile I, which are available in the following Modules: 1.0, 1.5, 2.0, 2.5. The available insert sizes are IC 3/8"U, IC 1/2"U, IC 5/8"U.

Each insert has three cutting edges for extended tool life, and the same insert can provide flexible solutions for a range of Teeth on the Gear, as shown in the following table:

Milling Cutter No.	Z-Range of Teeth on Gear
N1	12-13
N2	14-16
N3	17-20
N4	21-25
N5	26-34
N6	35-54
N7	55-134
N8	135 and up

VARGUS is also expanding its Gear Milling line with tailor-made solid carbide tools whose small cutting diameters, ranging from 5.9-19.9 mm (.17"-.75"), make them **ideal for applications that require cutting close to the shoulder**. These multi-fluted tools support high RPMs and fast feed for exceptionally rapid machining. Their solid carbide construction guarantees high accuracy.

All the new standard inserts described above are fully compatible with VARDEX's Shell Mill, End Mill and Disc Mill toolholders.

VARGUS is also pleased to announce the addition of **two new Shell Mill toolholders** to its gear-milling solution: one for insert size IC 1/2"U and the other for IC 5/8"U. The **smaller cutting diameters** of these toolholders are well-suited for applications where the geometry of the component to be milled places constraints on the gear-milling tool diameter.

VARGUS continues to expand and develop its leading Gear Milling line and provide customers innovative solutions for gear, rack and spline applications.

**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.*