



Major Additions to the Groovex VG-Cut Line - Complete Range of Turning Solutions

1.5mm Insert Width, High Pressure Coolant Tools, and New Insert Geometry Now Available!

September 2019: Since its introduction at EMO Milano in 2015, the Groovex VG-Cut line has grown rapidly and consistently in popularity and product offering.

The growth of the VG-Cut line will again be featured at EMO Hannover 2019, as VARGUS introduces a major expansion including a new range of 1.5mm width inserts and toolholders with High Pressure Coolant (HPC).

1.5mm inserts are offered in two standard grades:

- VMG: Very tough substrate, PVD coated grade, ideal for low cutting speeds and interrupted cuts
- VPG: Excellent all-around PVD grade, which features superior anti-fracture and wear resistance, designed to machine a wide range of applications

For the 1.5mm inserts, two new types of reinforced Monoblock holders are offered - with and without HPC, up to 100 bar. The HPC Monoblock holders have two coolant outlets, cooling down the insert rake and flank.

Both holder types are offered in shank sizes 10, 12, & 16mm, with maximum grooving depth of up to 10mm. All 1.5mm toolholders are available as standard in right hand and left hand. All VG-Cut 1.5mm tools (inserts and holders) will be available in Q4, 2019.

Additionally, the VG-Cut line now includes standard and reinforced Monoblock tools with two HPC outlets for grooving, parting off, turning and threading applications. The HPC outlets are designed to cool down the insert rake and flank, to improve chip evacuation and extend tool life. Standard Monoblock tools are available in pocket widths 3.0 and 4.0mm. Reinforced Monoblock tools, which are more commonly used for parting off applications, are designed for widths 2.0 and 3.0mm. All Monoblock and reinforced Monoblock tools are available in right hand and left hand.

Finally, Vargus will introduce a new chip breaker with a unique "GM2" geometry featuring a positive sharp cutting edge, designed to decrease build-up when machining. This new GM2 insert is particularly effective for grooving and parting off in low feeds. The GM2 insert is available in 3.0mm pocket width and offered in the VMG grade, which is highly recommended for stainless steel and interrupted cuts.

To learn more about the new **VG-Cut additions** 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.