

Press release

AMB 2016: GARANT Xpent makes light work of 5-face machining

Hoffmann Group launches 5-axis vice with spindle quick-change system and rotatable clamping modules

Stuttgart/Munich, 13 September 2016 – The Hoffmann Group, Europe's leading system partner for quality tools, is introducing its new GARANT Xpent 5-axis vice at AMB 2016. The vice is optimised for 5-face machining and can be quickly and easily adapted to any machining strategy. Flexible clamping options are ensured by the construction and variability of the clamping modules, which can be rotated by 180 degrees.

The new GARANT Xpent is suitable for components ranging from 6 to 986 millimetres (6 to 386 mm in its standard configuration) and offers a clamping force of up to 40 kN with 90 Nm of torque. Up to 100 millimetres of travel are possible without conversion, while a modern quick-change system enables rapid spindle replacement. The spindle can be extended and features a trapezoidal thread to facilitate rapid adjustment of the clamping ranges.

The GARANT Xpent is based on a flexible, modular design concept. This allows the clamping range to be adjusted through individual combination of the clamping modules, base rail and spindle. The convex clamping modules can be rotated by 180 degrees for utmost flexibility of the vice.

Another highlight is the sophisticated and comprehensive top and front jaw system. The jaws are hardened, ground and applied with a special coating to ensure accurate, process-reliable machining. The front jaws can be replaced quickly and easily.

In addition, transverse slots enable precise alignment of the perfectly symmetrical 5-axis vice on the machine table. GARANT ZeroClamp bores in the base rail and a comprehensive range of accessories complete the feature set.

The GARANT Xpent 5-axis vice is now available from the Hoffmann Group eShop at www.hoffmann-group.com.



Image caption:

The GARANT Xpent 5-axis vice offers maximum flexibility. It features a modular design concept with convex clamping modules that ensure excellent accessibility to the workpiece.



Image caption:

The spindle can be extended and is easily replaced thanks to the quick-change system. The clamping modules can be rotated by 180 degrees.

The Hoffmann Group

As Europe's leading system partner for quality tools, the [Hoffmann Group](#) combines commercial expertise with both manufacturing and service competence. This combination guarantees reliability in supply, quality and productivity in the tooling sector and with workstations and storage solutions to over 135,000 customers. This is coupled with optimum advice – from an individual requirements analysis through to efficient use of products. Alongside tools for machining, clamping, measuring, grinding and cutting, the portfolio also comprises hand tools, protective work-wear, workstations and storage, and workshop accessories. Customers include major listed companies as well as medium-sized and small companies in more than 50 countries. In 2015, the Hoffmann Group generated a worldwide turnover of more than 1.1 billion euros. Including [GARANT](#), its own premium brand, the Hoffmann Group offers 70,000 quality tools from the world's leading manufacturers. With comprehensive customer service and 99 percent delivery quality certified by the TÜV, the tooling expert with its head office in Munich is a reliable and efficient partner for its customers.

For more information, visit www.hoffmann-group.com

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