

Press release

Tapping expert: universal, reliable, economical

The new GARANT MasterTap high-performance drill from the Hoffmann Group provides thread machining for a wide range of materials

Munich, 21 February 2018 – The [Hoffmann Group](#) has been garnering attention with the "GARANT Master" tool family since the summer of 2015. A universal high-performance tap has now been added to the product family for high-performance cutting. The new GARANT MasterTap is the result of a fundamentally new development concept for the design of universal taps. The tool achieves outstanding process reliability with high efficiency in a much wider range of materials – including steel, stainless steel, aluminium, brass and cast iron – than previous universal taps. The new GARANT MasterTap will be available starting 5 March 2018.

The key to the unique versatility of the GARANT MasterTap is its ability to remove chips perfectly. This special feature is due to a new cutting edge geometry as well as optimised flutes, which facilitate reliable removal of the chips. Winding chips and loose swarf are consistently avoided.

When reversing in blind hole machining, the GARANT MasterTap ensures an extremely reliable process as the chips are sheared off in a targeted manner via the specially designed tooth back and the chip roots are smoothed – for various materials such as steel, stainless steel, aluminium, brass and cast iron. The strengths of the tool shine in particular when machining high-strength steel materials thanks to its deliberately rounded cutting edges. The rounding also ensures a defined and continuous wear behaviour without breakouts and thus for a longer service life.

To achieve particularly high performance and longevity, the Hoffmann Group chose a high-quality HSS-E-PM cutting material and an AlTiX high-performance coating for

the production of the new GARANT MasterTap. The special ultra-smooth AlTiX coating protects against premature wear and allows high cutting speeds, even in Al-wrought alloys, because the low friction values prevent material sticking and thread corrosion. Thanks to its special guide thread, the tool achieves precise results without axial slicing even in ductile copper alloys.

The new GARANT MasterTap is the latest tool in the "GARANT Master" product family of high-performance tools. The product family already includes two solid carbide drills, GARANT MasterSteel SPEED and FEED, a classic four-bladed milling cutter, and the GARANT MasterSteel SlotMachine, GARANT MasterSteel PickPocket solid carbide mills and the GARANT MasterSteel finishing cutters. With these the Hoffmann Group offers state-of-the-art high-performance tools for every application.



Image caption: The new GARANT MasterTap achieves outstanding results in a wide range of materials, including steel, stainless steel, aluminium, brass and cast iron.



Image caption: The GARANT MasterTap is the latest member of the "GARANT Master" product family.

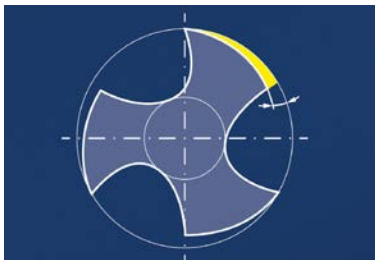


Image caption: The optimised tooth back guarantees a reliable process in a wide range of materials. It shears off chips optimally and smooths the chip root.

The Hoffmann Group

As Europe's leading system partner for quality tools, the [Hoffmann Group](#) combines commercial expertise with both manufacturing and service competence. To more than 135,000 customers this combination guarantees reliability in supply, quality and productivity, in the tooling sector and also in the workstations and storage sector. Optimum and reliable advice, from individual needs analysis through to efficient use of products, is assured at all times. 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. Including [GARANT](#), its own premium brand, the Hoffmann Group offers 75,000 quality tools from the world's leading manufacturers. With comprehensive customer service and delivery quality of over 99 percent as certified by the TÜV, the tools specialist, headquartered in Munich, is a reliable and efficient partner for its customers.

For further information see www.hoffmann-group.com

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