

Press release

More productivity and process reliability with the new GARANT PowerTang

90° high performance tangential end mill with 4-cutting edge concept offers high feed rates and maximum cutting depths

Munich, 29. June 2017 – With the new GARANT PowerTang, Hoffmann Group presents a 90° high performance tangential end mill with a 4-cutting edge concept. Thanks to the tangentially oriented inserts, the tool has a larger core diameter and a more stable bedding of the indexable inserts. This means it delivers specially good process reliability and permits high feed rates and maximum cutting depths. **The indexable inserts have four cutting edges, offering a further benefit for cost-effectiveness. Their concave shaped cutting edges reduce the cutting force, whilst a flat chamfer ensures high surface quality. The new GARANT PowerTang is available both as a porcupine mill and as an end mill, and can be ordered immediately via the Hoffmann Group [eShop](#) and from the 2017/2018 catalogue effective 1st August 2017.**

The new GARANT PowerTang is available with a comprehensive range of indexable inserts, which permit its use in all commonly used materials. In order to confer a particularly long working life on the individual components of the new GARANT PowerTang, Hoffmann Group has used exclusively substrates of the latest generation for the tool materials and has protected the tool body against premature wear by application of a Ni coating. The customer automatically receives a Powercard when he purchases a GARANT PowerTang. The Powercard enables the customer, within the period of a year, to send a damaged or worn mill head back to Hoffmann Group to receive a new end mill, without fuss or quibble.

The 90° high performance tangential end mill is equipped for through coolant supply and is available as an end mill with diameter from 40 to 125 millimetres and as a porcupine mill with diameter from 50 to 100 millimetres.

Further information:

- Brochure: “Bundled power for best results”
- Video: “Experience bundled power live”



Image caption:

The GARANT PowerTang 90° high performance tangential end mill employs inserts with 4 cutting edges and is available both as a porcupine mill and as an end mill.

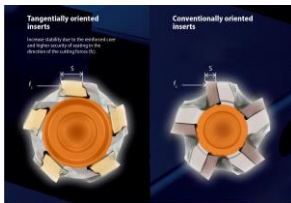


Image caption:

The tangentially oriented inserts permit a larger core diameter and increase the bedding stability in the direction of the cutting forces.



Image caption:

The indexable inserts on the GARANT PowerTang have four cutting edges; a flat chamfer ensures high surface quality.

Hoffmann Group

The Munich-based [Hoffmann Group](http://www.hoffmann-group.com), built on the true quality of German design and engineering, is Europe's leading system partner for quality tools. 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. 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. In 2015, Hoffmann Group generated a worldwide turnover of more than 1.1 billion euros. Including [GARANT](http://www.garant.com), its own premium brand, Hoffmann Group offers 70,000 quality tools from the world's leading manufacturers. With comprehensive customer service and a delivery quality of over 99 percent as certified by TÜV, the tools specialist with its head office in Munich is a reliable and efficient partner for its customers.

See www.hoffmann-group.com for further information

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