

Increased range for an increase in precision

EMO 2019 in Hanover — TOOL FACTORY Cutting Tool Solutions GmbH introduces their innovations for efficient machining

Solid carbide HPC end mill series with additional diameters

The solid carbide HPC end mills 35382 with small diameters are new to our portfolio. The universal high-performance end mill is now also available with diameters from 1 mm to 2.5 mm. Providing a very high cutting performance of up to 1.5xD into solid and a very smooth running due to axial and radial unequal spacing, this end mill performs at its best during both roughing and finishing applications.

The Burscheid-based company will also present the new generation of HPC end mills at the EMO. As a new addition to our portfolio, we now introduce the series 35402 that is considered the advanced development of the current HPC end mills. With the combination of a new carbide substrate with higher wear resistance, a new geometry with cutting edge finish and an improved coating, these tools set new standards in terms of tool life and process reliability.

Indexable inserts and holders suitable for universal applications provide high process reliability

The indexable inserts and holders also feature innovations. The new insert series WNGX with its stable and strong cut geometry is best suited for roughing and finishing applications and can be used for machining steel, cast iron and stainless materials. Milling tools have a long tool life and provide best process reliability as well as the highest material removal rates.

High-precision machining of high-tensile materials

Manufacturing operations always face the challenge of precisely machining any material. TOOL FACTORY has expanded their product range by special end mills suited for titanium machining in order to support companies when they need to machine high-tensile materials. Delivering highest metal removal rates, maximum process reliability and long tool life is essential, especially in the medical technology sector and the aerospace industry.

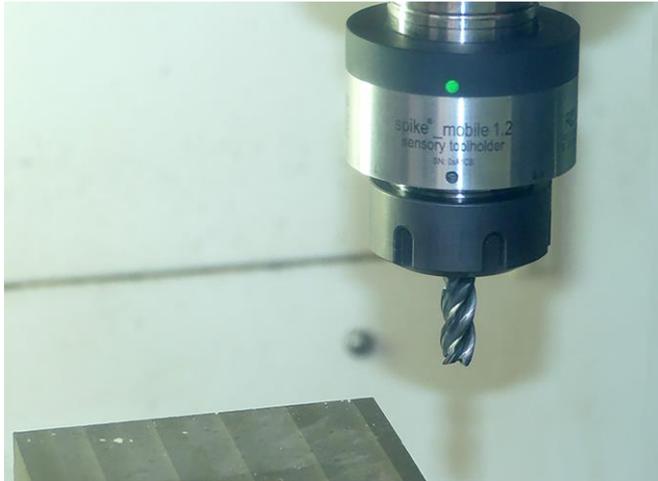
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Pictures:



35402_Einsatz.jpg

New 35402 milling cutter convinces in extensive tests with spike® sensor toolholder



Titanium-Line_TOOLFACORY.jpg

The new Titanium Line achieves highest precision, service life and process reliability in titanium machining

Efficient high precision cutting tools – the Tool Factory Cutting Tool Solutions GmbH:

The TOOL FACTORY Cutting Tool Solutions GmbH is a reliable partner for efficient cutting solutions in the manufacturing industry. Striving for an on-going improvement is the main part of their mission statement. This applies to the further development of their products, services, and employees, which has made the company a leading supplier of drilling and

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milling tools. Well-known national and international companies rely on their products made of high-performance and durable cutting materials. Substantial stocks and a modern warehouse management system allow them to ship the products timely on the same day.

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