News From….

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**Multiple new product launches at EMO 2023 from M.A. Ford Europe**

EMO Hannover is the launch platform for a several new high-performance tooling ranges and product range extensions from M.A. Ford Europe, covering solid carbide end mills, thread mills and taps, as well as non-pull out hydraulic chucks.

As part of the TuffCut® XV high performance end mill family, the new 5-flute Series XV5CB is designed to deliver exceptional metal removal on steels, stainless steels and titanium alloys, using variable pitch flute geometry and a thick core to minimise harmonic vibration and increase strength in applications with a depth of cut up to 4xD axial engagement.

Combining a new ALtima® Q coating, staggered chip-breakers and open-end geometry for aggressive engagement, the XV5CB is available in 2xD, 3xD and 4xD flute length options and diameters from 10mm to 20mm.

For micro machining applications, M.A. Ford’s new Series XM end mills will also be launched at EMO, which offer diameters down to 0.1mm up to a maximum of 6.0mm, in both 2 flute and 4 flute options.

Available in a both square end and ball-nose designs, their micron precision tolerances give improved component accuracy and surface finish, which are critical in fine machining applications, such as medical, aerospace and watchmaking.

Alongside these, two new high feed solid carbide end mill ranges, the Series FHFN and FHFP, are also being unveiled. Incorporating a necked design, both products deliver rapid metal removal across a range of ISO materials with a choice of 4, 5 and 6 flutes depending on the diameter and necked lengths, which are 3 and 4xD for the FHFN and 3, 5 and 8xD for the FHFP.

The new oval form Series XFO end mills are designed to optimise cycle times and improve surface finish, in 5 axis finishing operations, using an ALtima® Q coating, progressive helix and rake angles, plus enhanced edge preparation for vibration free finishing on steels, stainless steels and special alloys.

As part of the range, the Series XFO-AL finishing tools are dedicated to delivering the same high performance as the XFO, but on aluminium and non-ferrous materials with a Fordlube coating. Both the XFO and XFO-AL are available in diameters from 6mm to 12mm.

M.A. Ford’s new product introductions are rounded off with the launch of a new non-pull out hydraulic chuck with a run out accuracy of 0.005mm, together with extensions to both the thread mills and taps ranges. The popular and widely used Series 277 high performance end mills range is also extended with the addition of new 4xD, 5xD and 6xD necked tooling options.

Alongside the new products, the entire M.A. Ford range of tooling will also be represented on the stand including its high performance solid carbide and indexable solutions, as well as its successful cutting data app for iOS and Android mobile devices.