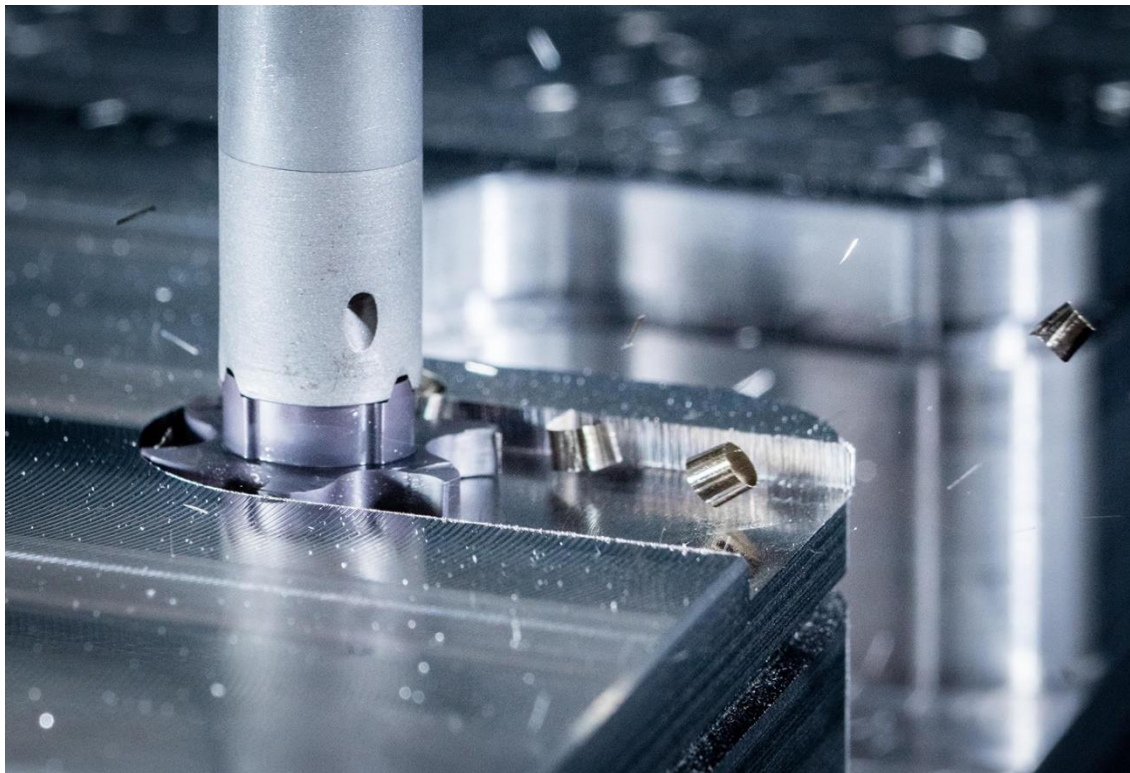


WNT has a new twist with MiniMill

WNT has announced an expansion of its range of MiniMill carbide grooving, back-chamfering and thread milling cutters. New geometry developments will deliver improved performance, surface quality and process security when milling grooves and slots.



The changes to the geometry include 'Twisted teeth' that create a much softer cut as the cutter enters the material, in addition this cross-pitch on the cutting edges helps in reducing vibration, even where large overhangs are required to access the component being machined or the part has thin walls or maybe unstable. The cross-pitch design also aids swarf removal, which in turn improves surface quality of the machined part eliminating the need for finishing cuts in many applications. By efficiently removing swarf from the work area the new geometry also enhances tool life and process security.

The extended range is available in WNT's proven CWX500 grade of carbide, which is renowned for its exceptional toughness/hardness ratio, making it an ideal all-round grade for a wide range of materials including steel, stainless steel, cast iron and non-ferrous materials. The carbide cutting heads are available for circlip and general groove milling from 1.5 mm up to 6 mm width, back chamfering and in Metric and Whitworth thread forms. The carbide cutters can be attached to a wide variety of holders allowing grooves and threads to be cut in bores as small as 10 mm diameter dependent upon application. The cutter design also ensures precision location of the cutting edge when mounted on the holder.

"The extension of the MiniMill range is a further example of the evolution taking place within the WNT range, with additions and developments being made to existing products alongside new and exciting launches during 2017," says Tony Pennington, Managing Director, WNT (UK).