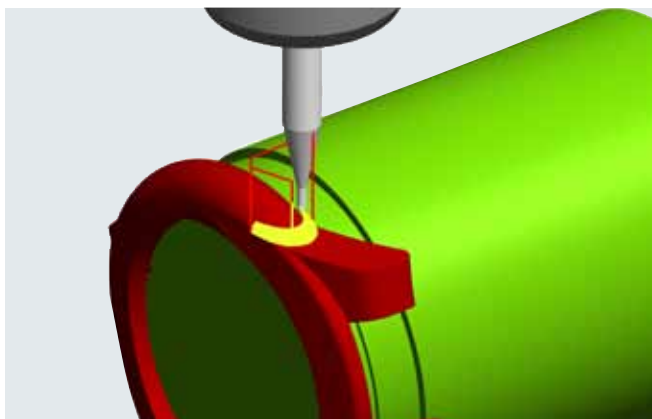
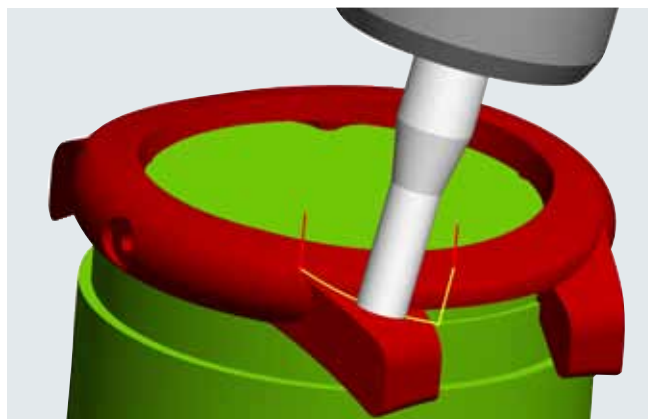


Watch case: Milled on a KERN Evo

hyperMILL® is a comprehensive CAM solution whose 2D, 3D and 5axis machining strategies can be accessed from a single user interface. Whether it's drilling holes for setting the gemstones, undercuts created when milling watch cases or complex engraving and chasing – *hyperMILL®* offers the best machining strategies for every job. Furthermore, feature recognition – for holes, for example – reduces programming time. The high quality of the machined surfaces also minimises the time required for post-machining polishing.

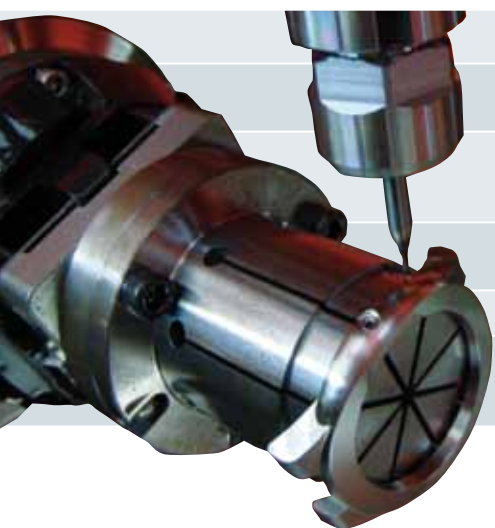


Z-level finishing: Equal toolpaths in Z-level finishing ensure surfaces with a very high visual quality.



5axis swarf cutting: Using end mills for swarf machining reduces production time considerably. Edges can be machined much more effectively.

Machine: KERN Evo



Main drive	High-frequency spindle	50.000 RPM ¹
Workspace	Rapid traverse/feedrate Traverse path X/Y/Z	25 m/min 300/280/250 mm
NC swivelling rotary table	Clamping surface	approx. 54 x 54 mm
	Tilt area Turning area	110° infinite
Tool	Tool magazine Tool adapter	95 spaces HSK 25
Automation	Controller	Heidenhain iTNC 530 Smart.NC
Workpiece	Material Machining time	Watch case (excl. low-volume production) 1.4435 approx. 55 min



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