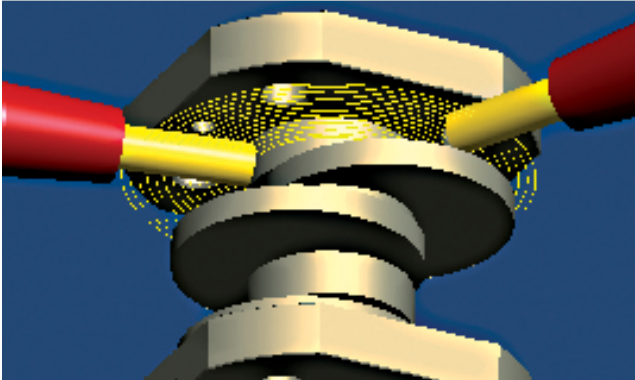


Milling a hybrid part on the HURON K2X8 Five

hyperMILL® provides a wide range of 2D, 3D, HSC and 5axes strategies within one user interface. This means that machining can be completed in a single clamping even for very complex parts. Fully automated collision checking and collision avoidance ensure maximum process safety.

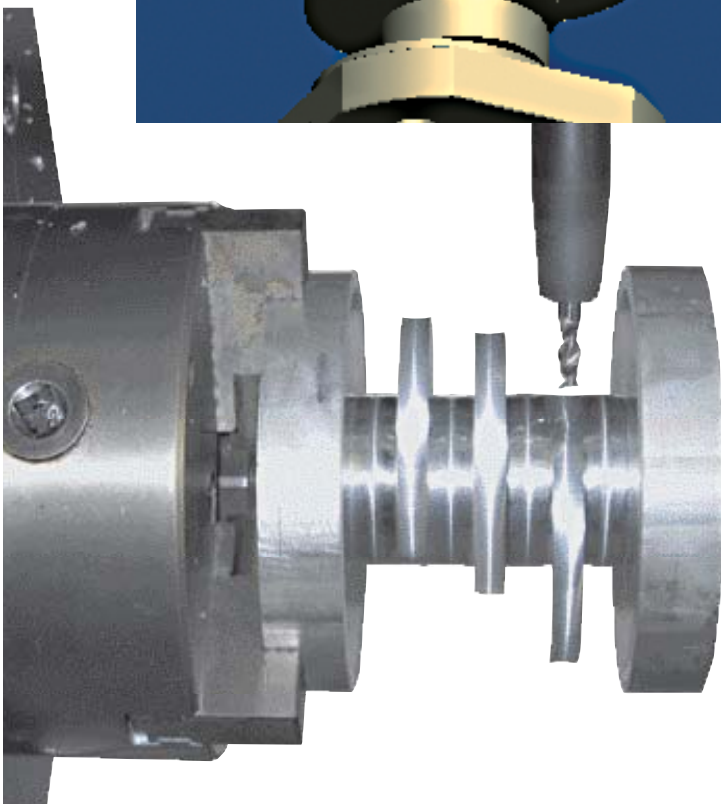
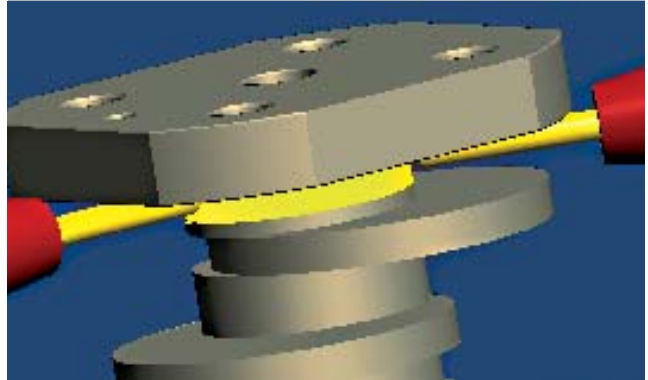
Curve machining

The cutter follows predefined contours. Tool tilt angle and climb angle can be adjusted. Spiral axial infeed is possible. Predefined stock can be used to optimise milling paths - especially for efficient roughing.



5AXIS Z-level finishing

Spiral infeed is used to finish the cylinder surfaces. Due to collision check the programming of the milling operation inside undercut areas is very easy and safe.



Machine: HURON K2X8 FIVE

Traverse paths X/Y/Z: 650/ 700/ 450 mm

RPM-range C axis: 360°

Tilt area A axis: 90° (-45° - +180°)

Traverse paths X/Y/Z: 50 min⁻¹

Traverse path C axis: 50 min⁻¹

Traverse path A axis: 50 min⁻¹

Motor spindle:

Power: 24 kW

Torque: 40 Nm

RPM: 24,000 min⁻¹



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