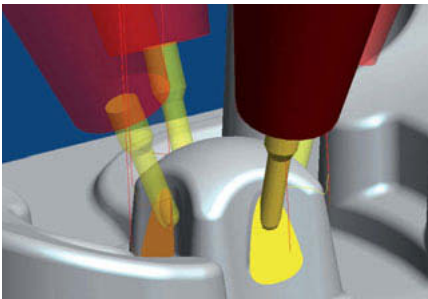
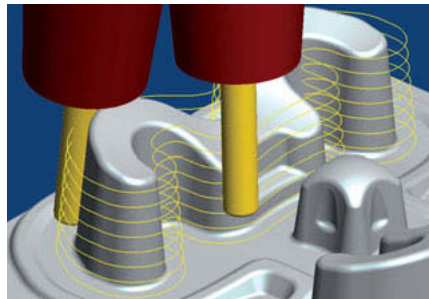


Forging dies: milled on a HSC 20 linear

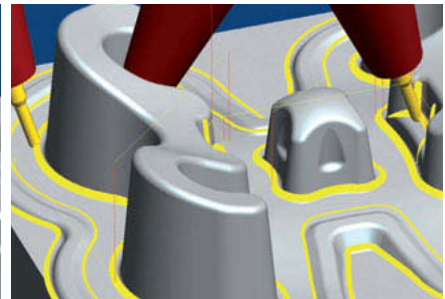
hyperMILL® features intelligent functions like mirroring and transformation to make programming even easier for users. User input time is also minimised through fully automatic functions such as rest machining, collision checking and avoidance, and workspace monitoring with the best fit strategy. These functions provide users with an extremely time-saving and reliable workflow.



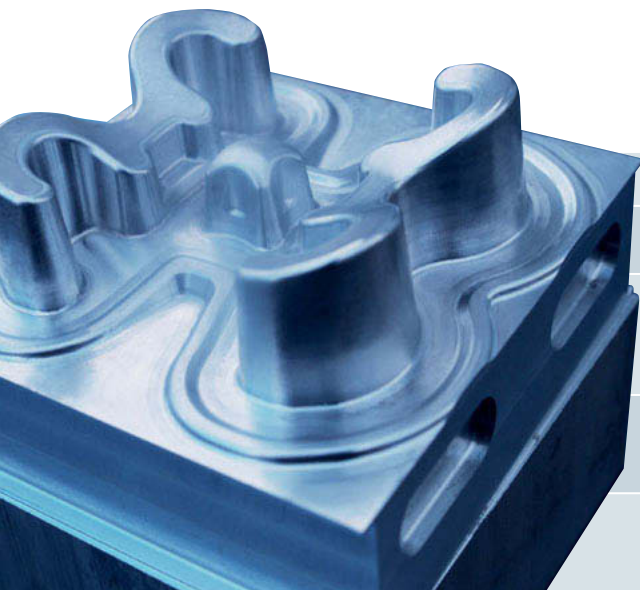
Mirroring Symmetrical elements are programmed automatically by mirroring the machining processes. As a highlight, this function retains the climb milling machining process for mirrored tool paths.



5-axis Swarf Cutting The tool flank and wide path distances can be used to mill drafted faces without special tools. This reduces machine runtime and ensures premium quality surfaces.



5-axis Rest Machining hyperMILL® combines fully automated machining with different fixed tool angles and 5-axis simultaneous movements in a single operation. Information on the slope angle is not required for the operation.



Machine: HSC 20 linear

Main drive (motor spindle)	RPM range	42.000 min ⁻¹
Workspace	Rapid feedrate	40 min ⁻¹
	Traverse path X/Y/Z	200/200/280 mm
NC rotary table	Clamping surface	Ø 200 mm
	Tilt area (A/B-Axis)	-10° bis + 130°
	C axis turning area	360°
	Max. workpiece weight	10 kg
Tool	Tool magazin	24 spaces
	Max. tool length/-diameter	200 mm/Ø 30 mm
	tool adapter	HSK 32 E
Automation	Controller	Heidenhain ITNC 530
	Dimensions	100 x 100 x 55 mm
	Material	Aluminium



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