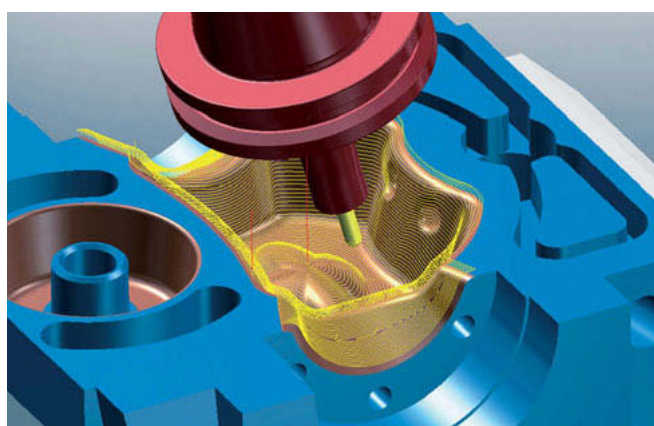
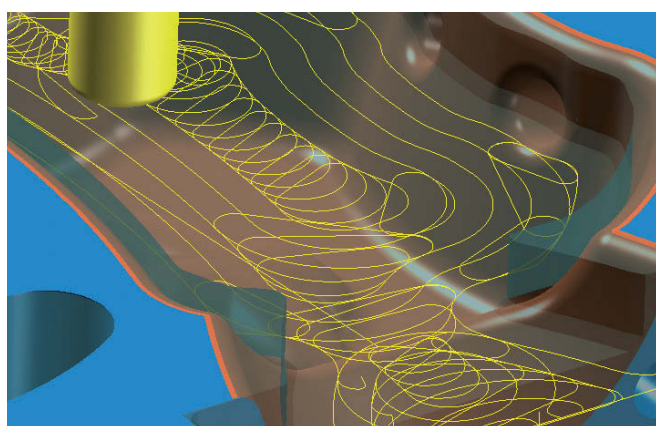


hyperMILL®

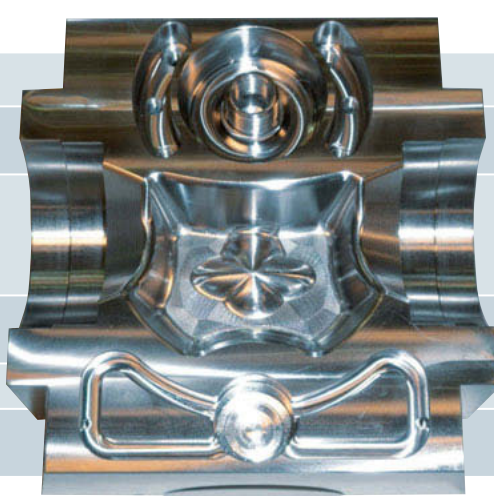
Demo die: Milled on an MAXIA MX-520

hyperMILL® offers a wide range of 2.5D, 3D and 5-axis strategies that allow complex workpieces to be programmed very efficiently and quickly. Intelligent optimisation functions and high-performance strategies like hyperMILL® MAXX Machining greatly reduce machining times. The number of job steps decreases significantly through the use of 5-axis technology. The post-processing required to produce the desired surface quality is minimal.



High Performance Cutting (HPC). This optionally available roughing strategy considerably reduces machining times. Ideally distributed milling paths and the dynamically adjusted feedrate enable users to work with optimal parameters (ideal case).

Equidistant finishing. 5-axis equidistant finishing allows you to machine steep and flat areas in a single operation. Smooth transitions between individual paths reduce stress on both tools and machines and ensure the best possible surfaces.



Machine: MAXIA MX-520		
Main drive	Spindle speed	max. 12.000 min ⁻¹
Workspace	Rapid traverse X/Y/Z (dynamic)	30/30/30 mm/min
	Traverse path X/Y/Z	630/560/510 mm
NC swivelling rotary table	Clamping area	Ø 500 mm
	Tilt range	+10°/-125°
	A/C axis speed	10/33 min ⁻¹
	Table load	200 kg
Tool changer	Tool magazine	40 units
	Chip-to-chip time	4,2 s
Controller	FANUC	Matsuura G-Tech 31i
Workpiece	Dimensions	156 x 156 x 60 mm
	Material	1.2379



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