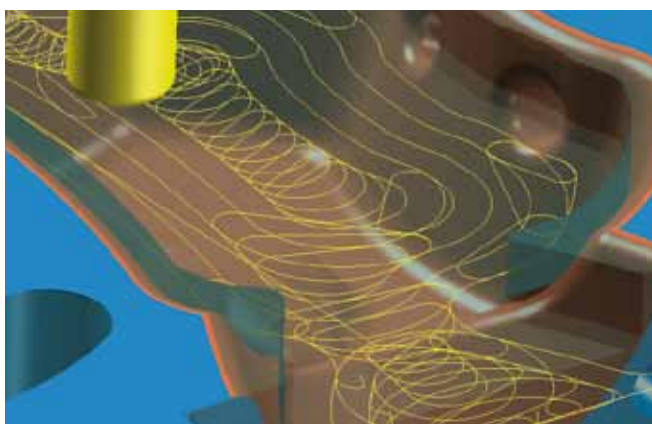


hyperMILL®

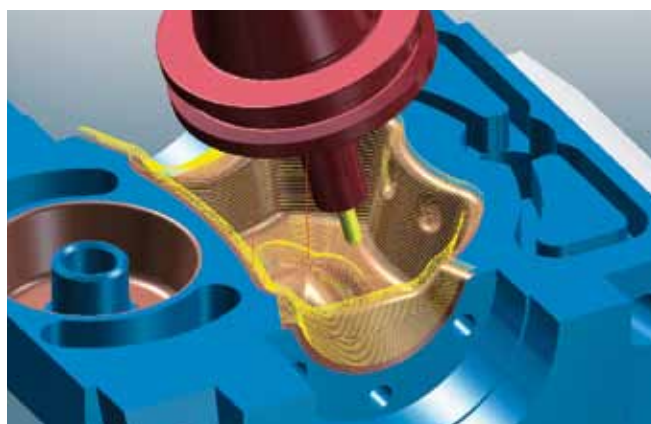
5AXIS

Demo die: Milled on an MAXIA MX-520

hyperMILL® offers a wide range of 2D, 3D and 5axis strategies that allow complex workpieces to be programmed very efficiently and quickly. Intelligent optimisation functions and the new high-performance roughing feature (*hyperMAXX*®) greatly reduce machining times. The number of job steps decreases significantly through the use of 5axis technology. The post-processing required to produce the desired surface quality is minimal.



High-performance roughing. This new 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. 5axis 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) Traverse path X/Y/Z	30/30/30 mm/min 630/560/510 mm
NC swivelling rotary table	Clamping area Tilt range A/C axis speed Table load	Ø 500 mm +10°/-125° 10/33 min ⁻¹ 200 kg
Tool changer	Tool magazine Chip-to-chip time	40 units 4,2 s
Controller	FANUC	Matsuura G-Tech 31i
Workpiece	Dimensions Material	156 x 156 x 60 mm 1.2379



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