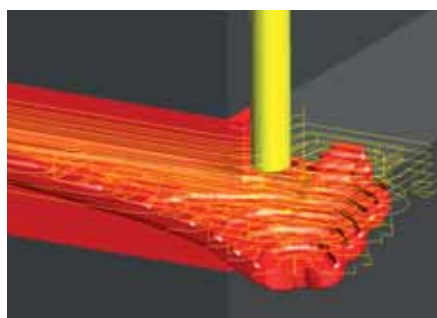
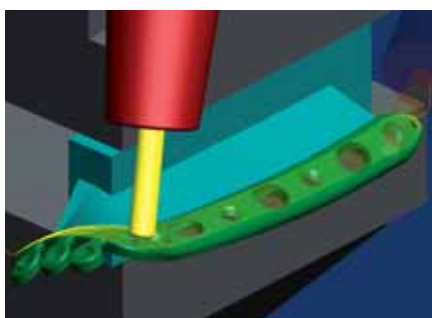


### Bone plate: milled on the HSC 55 linear

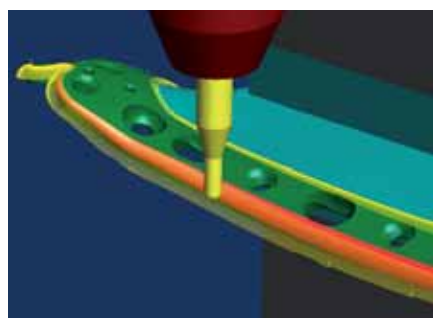
hyperMILL® provides an extensive range of 2D, 3D, and 5axis strategies and special applications. All strategies can be accessed from a single user interface. Optimisation functions enable specific adjustments to be made according to individual requirements, as in titanium machining for example. Stock tracking and fully automated collision avoidance guarantee extremely convenient machining.



**Arbitrary stock roughing:** Precise information about the machining status of the stock guarantees that milling always takes place where there is still rest material.



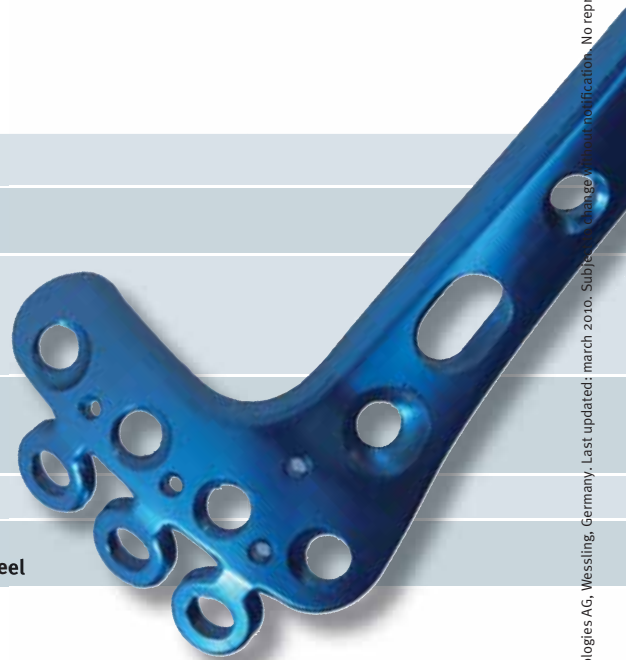
**5axis top milling:** Due to greater stepover distances, milling time for moderately curved surfaces is significantly reduced. Automatic setting of the tool tilt angle ensures excellent surface quality.



**ISO machining:** This strategy performs high-precision milling of transition radii with the same stepover. Users can choose to machine with global alignment or along ISO curves (U and V).

#### Machine: HSC 55 linear

Main drive (motor spindle)	RPM range up to	28,000 RPM
Workspace	Rapid movement and feedrate Traverse path X/Y/Z	80 m/min 450/600/400 mm
NC swivelling rotary table	Clamping area Tilt angle (A/B axis) C-axis range Max. workpiece weight	400 x 400 mm -10° to +110° unlimited 200 kg
Tool	Tool magazine Max. tool length/diameter Tool adapter	16 to 120 spaces 250 mm/ø 80 mm HSK-63A
Automation	Controller	Siemens 840D sl
Workpiece	Dimensions Material	120 x 25 x 40 mm 1.4305 stainless steel



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