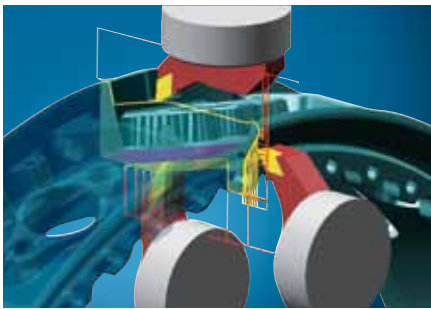


Turbine ring: Milled on a MAXIA CUBLEX-63

hyperMILL® offers a broad spectrum of machining strategies in a single interface, from mill turning to 2D, 3D and 5axis simultaneous milling. Turning and milling strategies can be combined as needed. The advanced feature and macro technology allows identical and similar geometries to be programmed in an automated, and therefore time-saving, manner.



millTURN: Slope-dependent turn finishing enables targeted machining of flat and steep areas. This guarantees optimal cutting conditions.



5axis swarf cutting: Machining with the tool flank allows for milling with larger infeeds. The tool flank is guided along a reference curve.



5axis ISO top milling: This allows larger, slightly curved surfaces to be machined very effectively. The automatic adjustment of the tool tilt angle ensures excellent surface quality.

Machine: MAXIA CUBLEX-63

Main drive	Maximum spindle speed	Up to 12.000 min ⁻¹
Rapid traverse	X/Y/Z	60/60/60 m/min
Machining area	Traverse Path X/Y/Z Clamping area	760/845/660 mm Ø 630 mm
NC swivelling rotary table	Tilt area (A axis) RPM C axis (turning/milling) Table load	+30°/-120° 200/1.300 mm 350 kg
Tool changer	Tool magazine Tool adapter	40 (up to 520) tools HSK-63A
Controller	Siemens	MATSUURA G-Tech 840Di
Workpiece	Dimensions Material	Ø 548 x 110 mm St52-3



OPEN MIND Technologies AG
 Argelsrieder Feld 5 • 82234 Wessling • Germany
 Phone: +49-81 53-93 35 00 • Fax: +49-81 53-93 35 01
 E-mail: Info.Europe@openmind-tech.com
 Internet: www.openmind-tech.com



MATSUURA Machinery GmbH
 Berta-Cramer-Ring 21 • 65205 Wiesbaden • Germany
 Phone: +49-6122 7803-0 • Fax: +49-6122 7803-33
 E-mail: info@matsuura.de
 Internet: www.matsuura.de