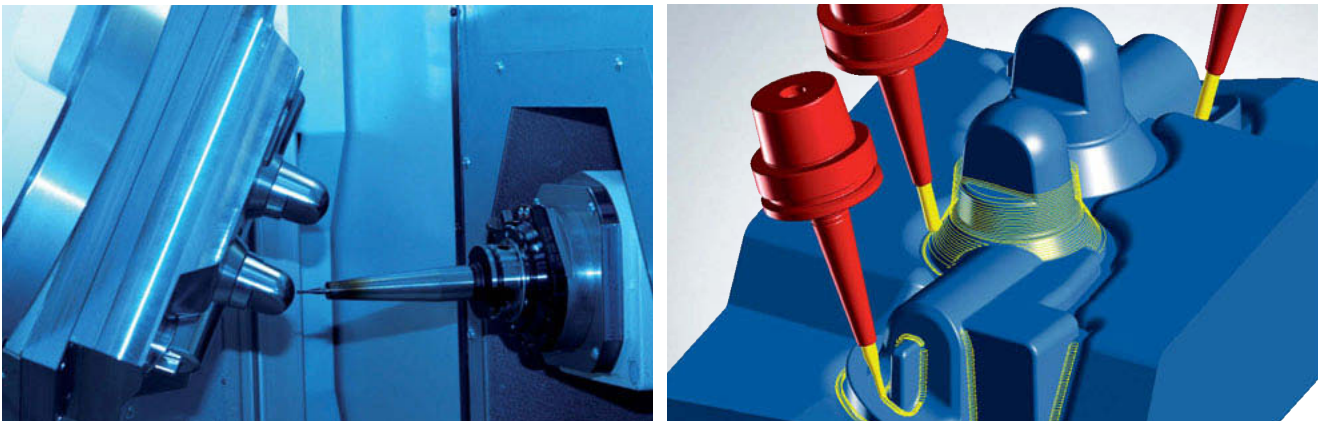


Die casting mould: Milled on a Grob G350

hyperMILL® provides a wide range of 2.5D, 3D and 5-axis strategies for excellent machining of workpieces with high domes and undercut areas. The optimised 5-axis strategy for cavity machining enables 5-axis simultaneous milling with short tools, better process parameters and increased process reliability.



5-axis simultaneous milling: 5-axis equidistant finishing achieves high-machined surface quality through the continuous machining of steep and flat areas. The stepover between the machining areas is carried out in a spiral. Rest machining with the expanded 5-axis fixed inclination function automatically searches for a fixed inclination for the entire area or for several fixed inclinations in partial areas that will be machined in a single operation.

Machine: Grob G350



Main drive	Spindle	18.000 min⁻¹
Workspace	Rapid movement / feedrate X/Y/Z Traverse path X/Y/Z	65/42/90 m/min 600/770/675 mm
NC swivelling rotary table	Clamping area Tilt area (A) Turning area (C) Max. tool weight	ø 570 mm -180°/+60° 360° 380 kg
Tool	Tool magazine Max. tool length Max. tool diameter Tool adapter	40 spaces 365 mm 160 mm HSK-A63
Automation	Controller	iTNC530 Heidenhain
Workpiece	Dimensions Material	350/200/150 mm 1.2312



OPEN MIND Technologies AG
Argelsrieder Feld 5 • 82234 Wessling • Germany
Phone: +49 8153 933-500 • Fax: +49 8153 933-501
E-mail: Info.Europe@openmind-tech.com
Internet: www.openmind-tech.com



GROB-WERKE GmbH & Co. KG
Industriestrasse 4 • 87719 Mindelheim • Germany
Phone: +49 8261 996-0 • Fax: +49 8261 996-95-9476
E-Mail: info@grobgroup.com
Internet: www.grobgroup.com



FRANKEN GmbH & Co. KG
Frankenstraße 7/9a • 90607 Rückersdorf
Phone: +49 911 9575-5 • Fax: +49 911 9575-327

EMUGE-Werk Richard Glimpel GmbH & Co. KG
Nürnberger Straße 96-100 • 91207 Lauf
Phone: +49 9123 186-0 • Fax: +49 9123 14313
E-mail: info@emuge-franken.de
Internet: www.emuge-franken.de