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.