

# hyperMILL®

## 5AXIS

### Motorcycle helmet: milled on a DMU 60 P duoBLOCK®

*hyperCAD®/hyperMILL®* is a powerful CAD/CAM environment that enables the efficient design of complex parts with high quality surface finish requirements and the creation of NC programs. Thanks to the broad spectrum of available machining strategies from 2D and 3D right through to 5axis simultaneous machining and mill-turning, users can program to suit their precise requirements.



**hyperCAD®:** Using this software, you can design, edit and modify 2D and 3D models quickly and easily. The consistency of data between 2D, wireframe models, surfaces and solids allows for a highly flexible workflow.



**5axis milling:** With the 5axis strategies from *hyperMILL®*, geometrically complex parts that up to now could not be milled or only with a great deal of manual effort can now be manufactured cost effectively. The fully automated collision avoidance ensures simple programming and a high level of process reliability.



DAISHIN SEIKI CORPORATION, Japan is a leading provider of prototypes to the motorsport industry and specialises in technologically sophisticated parts and 5axis manufacturing.

#### Maschine: DMU 60 P duoBLOCK®

Main Spindle	RPM range	18,000 RPM <sup>1</sup>
Workspace	Rapid traverse/feed rate Traverse path X/Y/Z	60 m/min 600/700/600 mm
NC rotary table	Clamping surface Max. workpiece weight	Ø 630 mm 700 kg
Tool	Tool magazine Tool adapter	60 spaces HSK-A63
Automation	Controller	HEIDENHAIN iTNC 530
Workpiece	Dimensions Material	400 x 300 x 300 mm A7N01-T6 Aluminum



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