



SolidCAM

The Leaders in Integrated CAM

Helix Autosport Reduces Cycle Time Using iMachining by SolidCAM



Helix Autosport was founded in the late 1980's and is now a leading designer and manufacturer of competition clutches and flywheel kits based in the UK with distributors around the world. With it's products being supplied to most European countries and being campaigned successfully, winning many prestigious endurance race and rally events around the world. www.helix-autosport.com



Utilising SolidCAM's unique, patented and revolutionary iMachining technology, Helix Motorsport have manufactured their 'Multi-plate clutch and flywheel kit', for the Honda Civic Type 'R' Race car (K20A), using 6082-T6 Aluminium alloy for the clutch and EN24T tool steel for the Flywheel. This is rated to 1612Nm of torque.

Videos of SolidCAM simulations compared to actual machining can be viewed on their Facebook page:

www.facebook.com/HelixAutosport

SolidCAM's iMachining technology saves 70% in CNC machining time and more, and extends tool life dramatically. The iMachining Technology Wizard provides a reliable partner, automatically determining speeds and feeds and other machining parameters.

www.solidcam.com/imachining.



TIME SAVINGS
70%
... AND MORE!

"SolidCAM has enabled us to manufacture the strongest and lightest clutch and flywheel kit to ever be manufactured at Helix Autosport." Alexander Champion, Design Engineer, Helix Autosport.

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Founded in 1984 by Dr. Emil Somekh, SolidCAM has over 29 years of expertise in CAM development and applications. The integration strategy of SolidCAM, in the major 3D mainstream CAD systems, SolidWorks and Inventor, has created major growth for SolidCAM and established SolidCAM as the leaders in Integrated CAM. SolidCAM is a Consistent Growth Leader and has been named by CIMdata as the fastest growing CAM vendor worldwide, in five out of the past eight years.