CADNEA
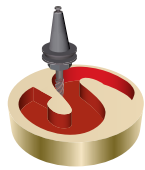Sistemas de CAD, CAM, CAE e PLM, Lda
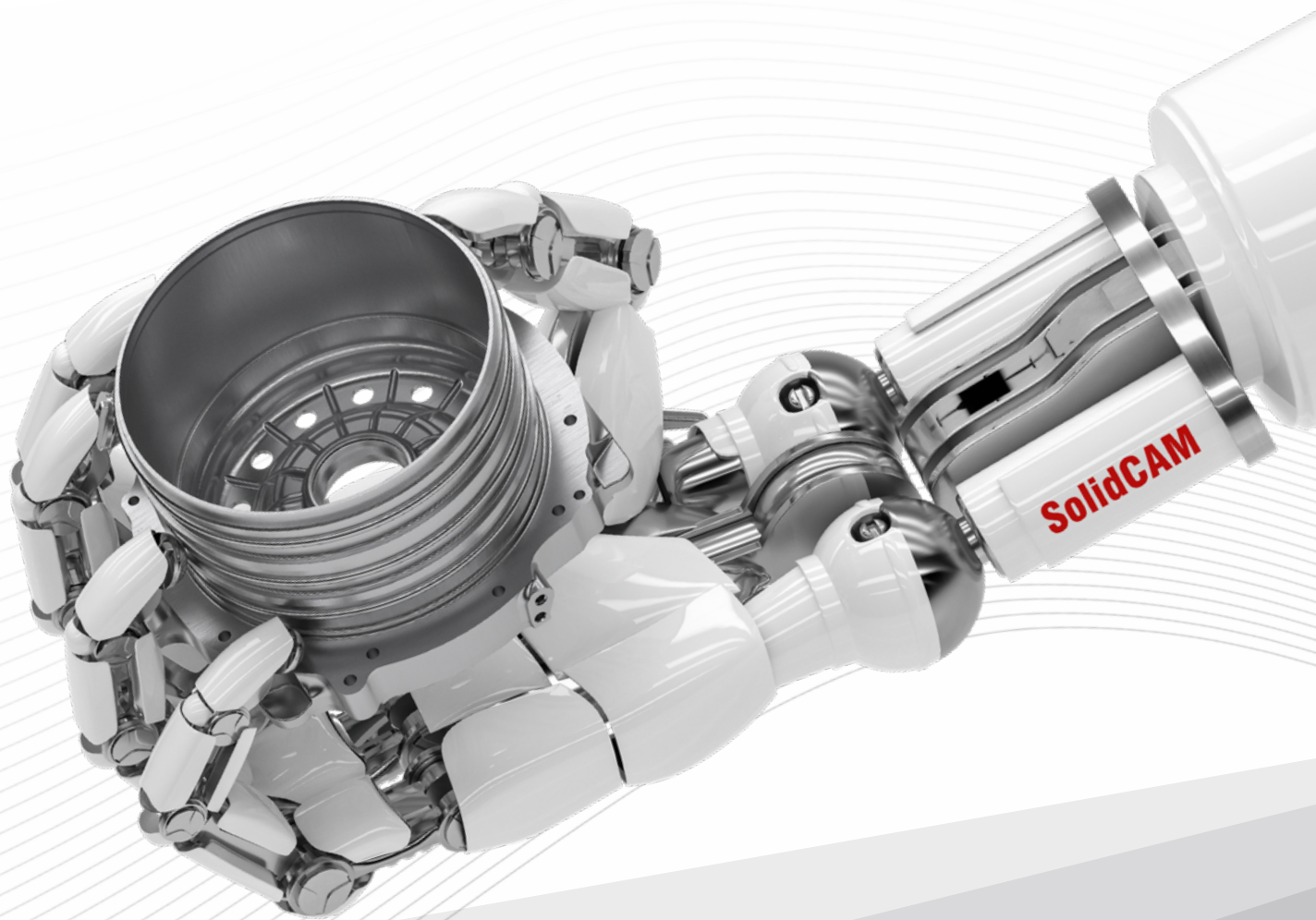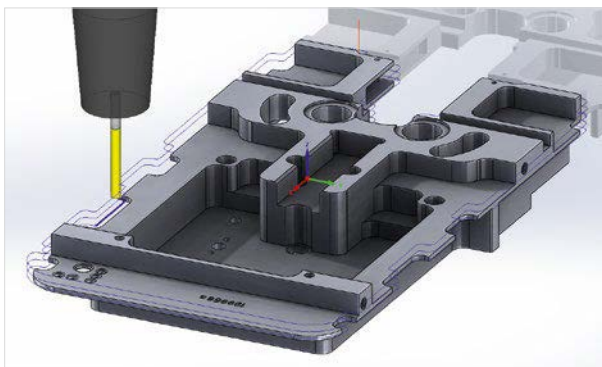
SolidCAM

The Future of CAM in Your Shop Today!

The complete CAM Solution, with revolutionary iMachining, MillTurn ✚ and Swiss-Type, seamlessly integrated in SOLIDWORKS® and Inventor®

2.5D MILLING

The most straightforward, easy-to-use interface, seamlessly integrated in SOLIDWORKS, combined with the latest toolpath technology, provides the fastest, most powerful and easiest to create 2.5D CNC Milling toolpaths.

Easily work on parts, assemblies, and sketch geometry to define your CNC machining operations. Quickly place fixtures and components for full visualization.

Best of Both Worlds: Complete Interactive Control + Feature Recognition

SolidCAM provides both interactive and automated 2.5D milling operations on SOLIDWORKS models. Designed for both the novice and advanced user, SolidCAM offers the best of both worlds, with your choice of fully controlled selection of geometry, parameters and CNC programming strategies or Automated Pocket and Drill Recognition and machining.

Interactive 2.5D Mill Operations

Besides the standard 2.5D milling profiling, pocketing and drilling operations, SolidCAM offers:

- ⊕ Chain modification options (offsetting, trimming, extending etc.), enabling changes to geometry without changing the CAD model
- ⊕ Automatic rest material machining to cut the material remaining after using larger tools
- ⊕ Chamfer machining using the same geometry defined in Profile and Pocket operations
- ⊕ Thread Milling operation for machining of standard internal and external threads
- ⊕ Variable levels of pockets and profiles in a single job
- ⊕ Engraving of text on flat and wrapped faces and middle line engraving of a multi-line text
- ⊕ Contour 3D operation drives the tool along a 3D curve, cutting the model at different depths
- ⊕ Machining of geometry wrapped around rotation axes, by transforming movement from linear to rotary
- ⊕ Special operation for machining of the side slots with undercut by a T-slot tool
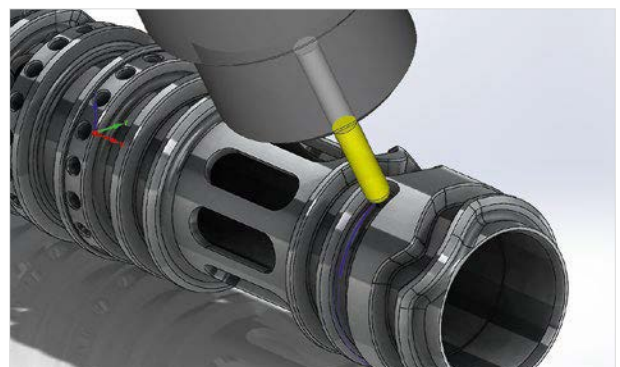
Pocket Recognition

Takes SolidCAM's powerful pocketing operation to the next level, by automatically identifying all pockets on the CAD model. All strategies and options of the standard Pocket operation are available, combined with variable levels and depths recognized from the model faces.
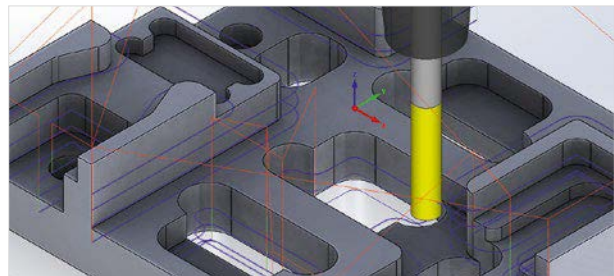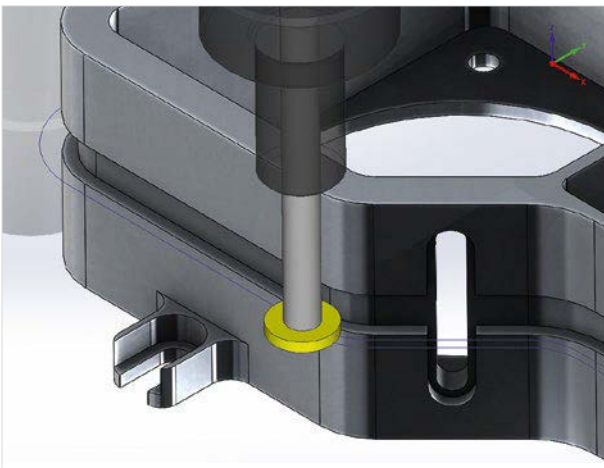
Drill Recognition

Automatic recognition and grouping of holes from the solid model with option to modify resulting geometry. A single Drill Recognition operation can machine groups of holes on varying levels and depths.
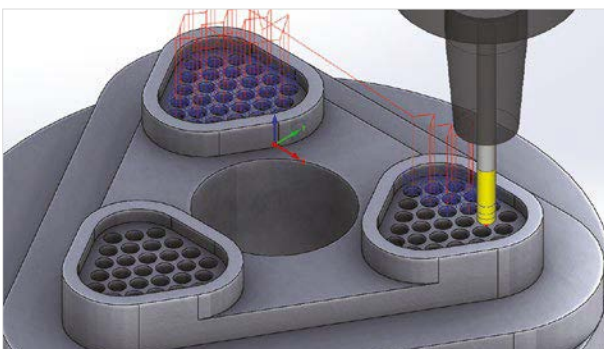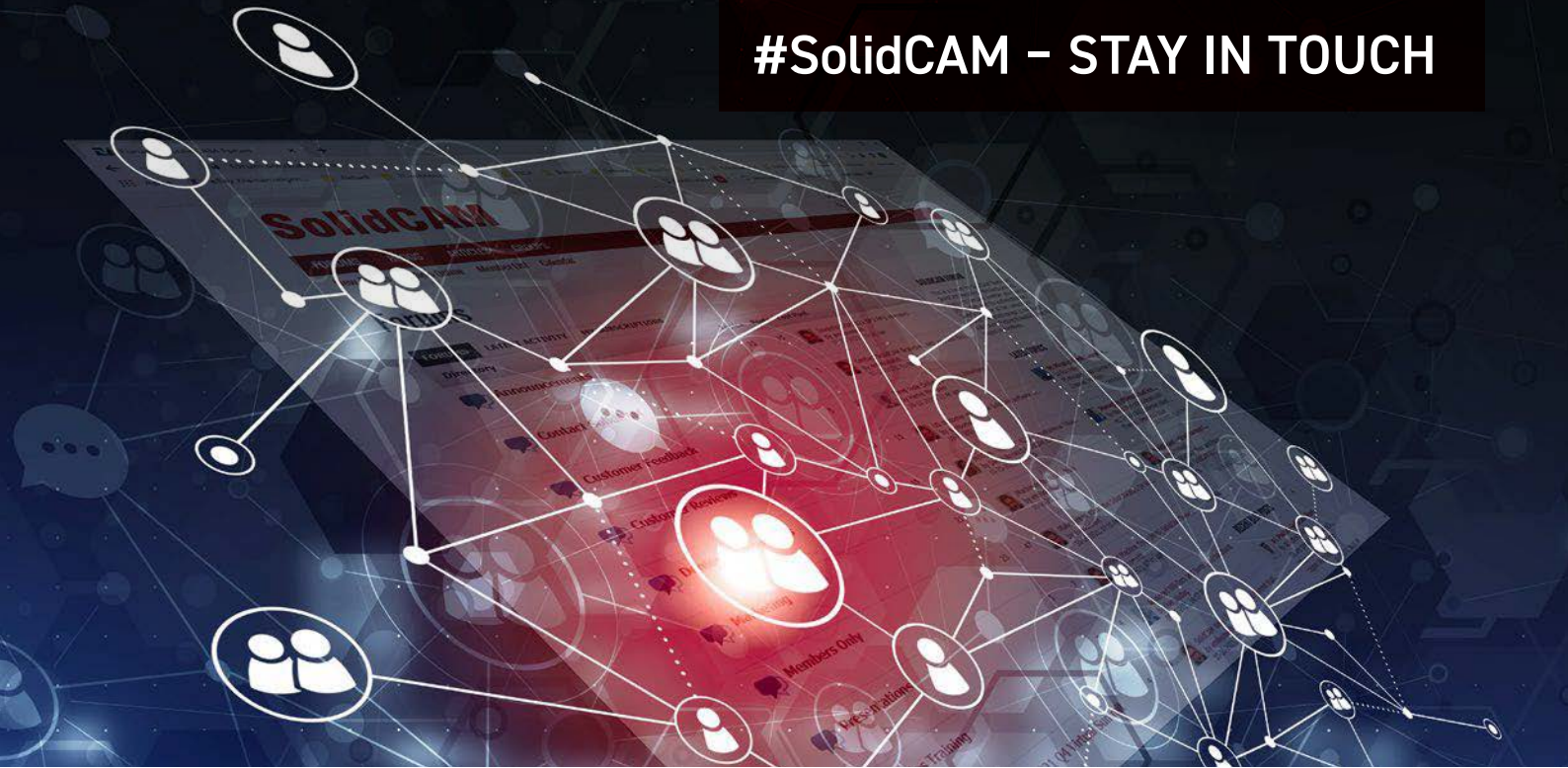
Multi-Depth-Drilling

This powerful Drilling operation gives you full control allowing you to customize your drilling operation at every step and every depth. This is the perfect Drilling operation for Deep drilling and Cross hole dilling
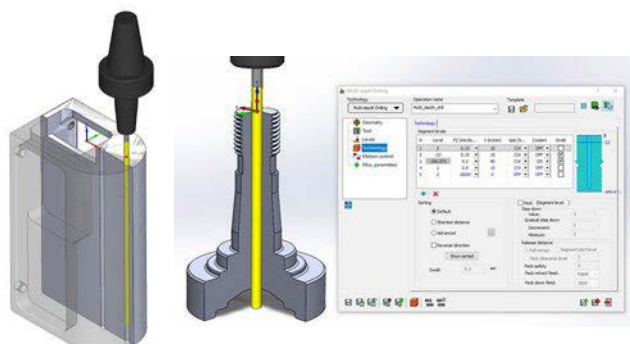
Welcome to the SolidCAM Forum

We believe that up-to-date information for our customers and resellers is a priority, so we launched the SolidCAM forum, where everyone can get in depth information about SolidCAM products and future developments.

Check out **forum.solidcam.com** for more details or get the **SolidCAM Forum App** available for IOS and Android from the App-Store & Google Playstore.
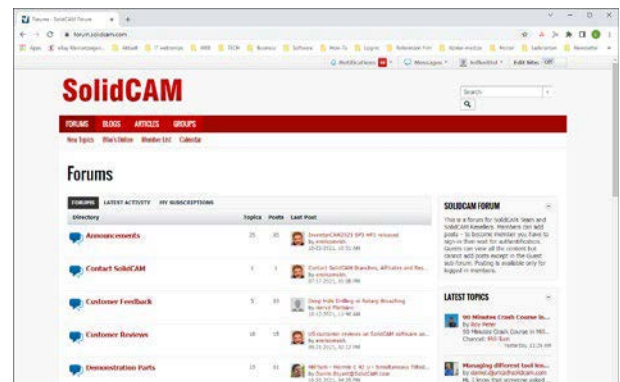
SolidCAM on Facebook

Join our Facebook page for daily posts in your News Feed about SolidCAM News, iMachining Success Stories, SolidCAM Professor Recordings, Upcoming Webinars, Events and Product releases.

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SolidCAM on YouTube

See recorded SolidCAM webinars and powerful cutting videos of SolidCAM & iMachining, on our SolidCAM YouTube channels:

www.youtube.com/SolidCAMiMachining
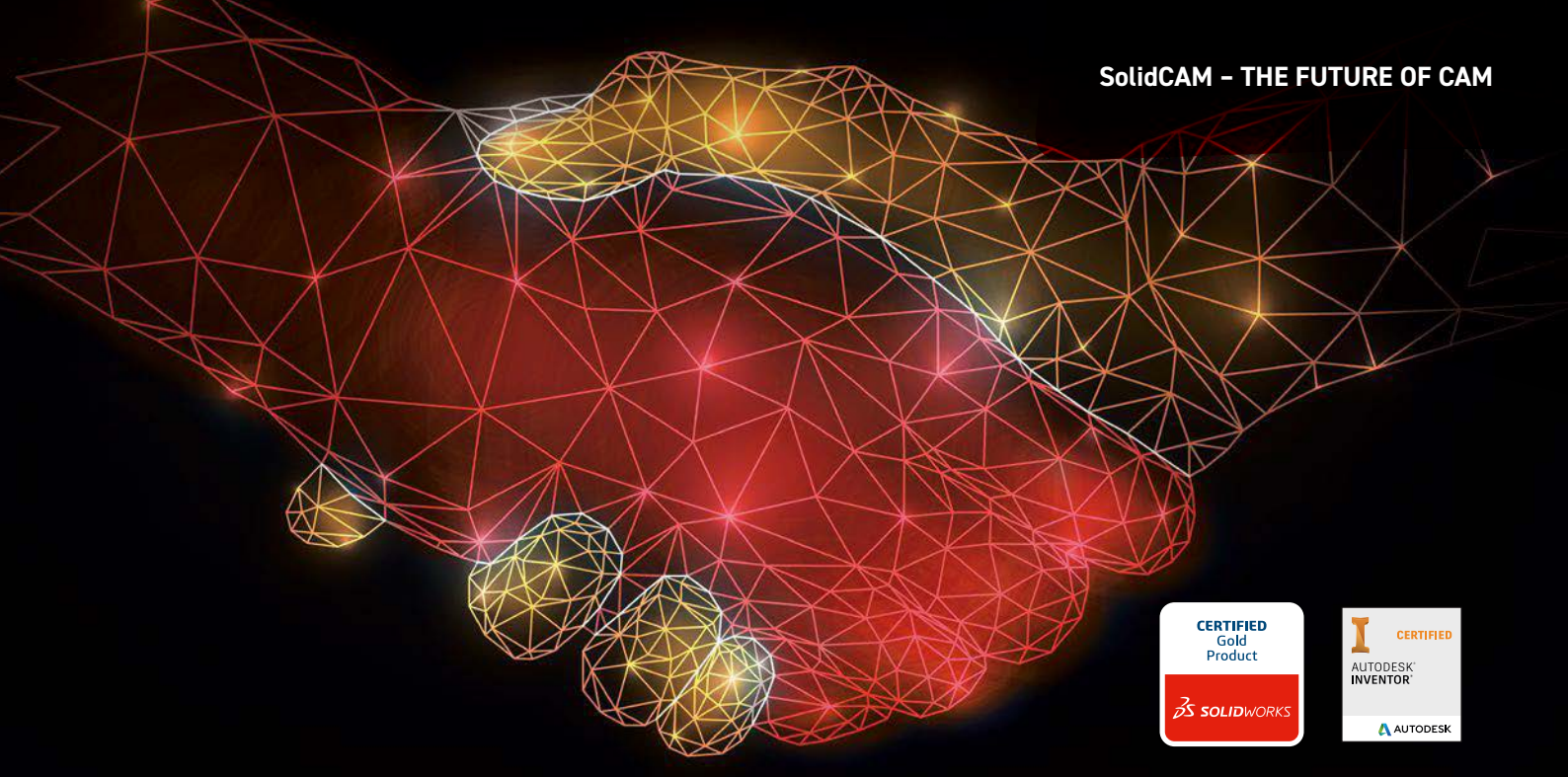www.youtube.com/SolidCAMProfessor

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SolidCAM CZ
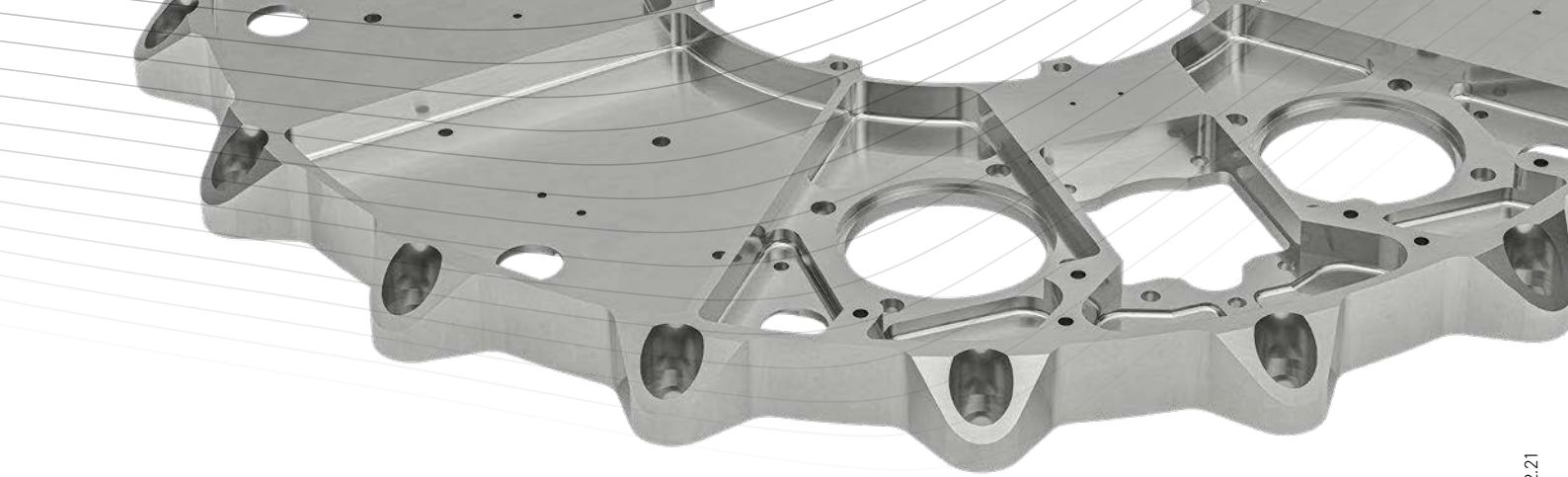E-Mail: ivan.cimr@solidcam.cz
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Contacting a SolidCAM office or reseller is easy. The complete list of our worldwide, dedicated distribution and support network is available on solidcam.com

SolidCAM
The Leaders in Integrated CAM

The unique, revolutionary Milling Technology

*i*machining®
patent by SolidCAM

MILLTURN⁺
SolidCAM Power for Turn-Mill | Mill-Turn | Swiss-Type

> My personal goal was to be able to program all CNC machining operations consistently with a single CAM system. The biggest challenge here was to bring the Swiss-type lathes on board. Thanks to the extensive support provided by SolidCAM, that also worked out wonderfully!"

Steffen Rudischhauser | Managing Director
Rudischhauser Surgical Instruments & Implants Manufacturing GmbH | rudischhauser.com

> What matters to us are the structure and quality of the generated CNC programs that go to the machine, as well as how quickly and easily they can be generated. The service at SolidCAM is unparalleled. The technicians have done a great job with the post-processors for our complex Bumotec machines. And if we ever have a problem, someone from the support team is immediately offering help. These days, that isn't a given; it's unique!"

Stjepan Matacun | Production Manager
Stuckenbrock Medizintechnik GmbH

> After only two weeks with SolidCAM we had more success than with the previous CAM system after three years. We can now program the most complex workpieces much faster. Creating the tools is much easier and I can already program a part even if the final tool data is not yet completely available. This was not possible in the past."

Franz Fuchs | CNC & CAM Programming
Hefter Maschinenbau GmbH & Co. KG | hefter.de

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