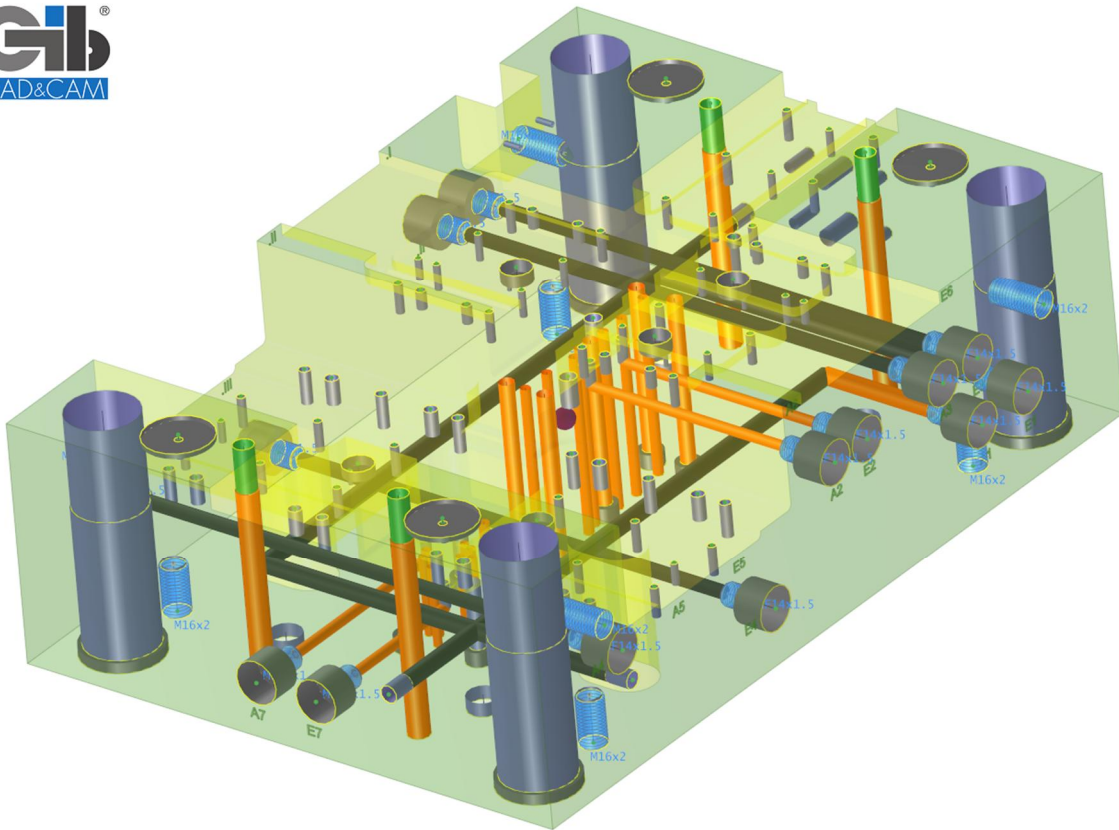


GIBcam .Info

Feature data export

During NC programming with GIBcam technology features, important information is inserted into the data model of the product by the work planner or NC programmer. The technology features thus contain all the necessary geometric and production parameters. The programs for NC processing for milling, drilling and deep drilling are generated from this information - this is exactly their primary task!

In an ideal production sequence, the processed part is at the end of this process chain - so far, so good! But what happens if sudden changes are necessary? Can the manufacturing information of the technology features also be made available at other points in the company or manufacturing process? Specifically, how can substantial information be fed back into the CAD process?

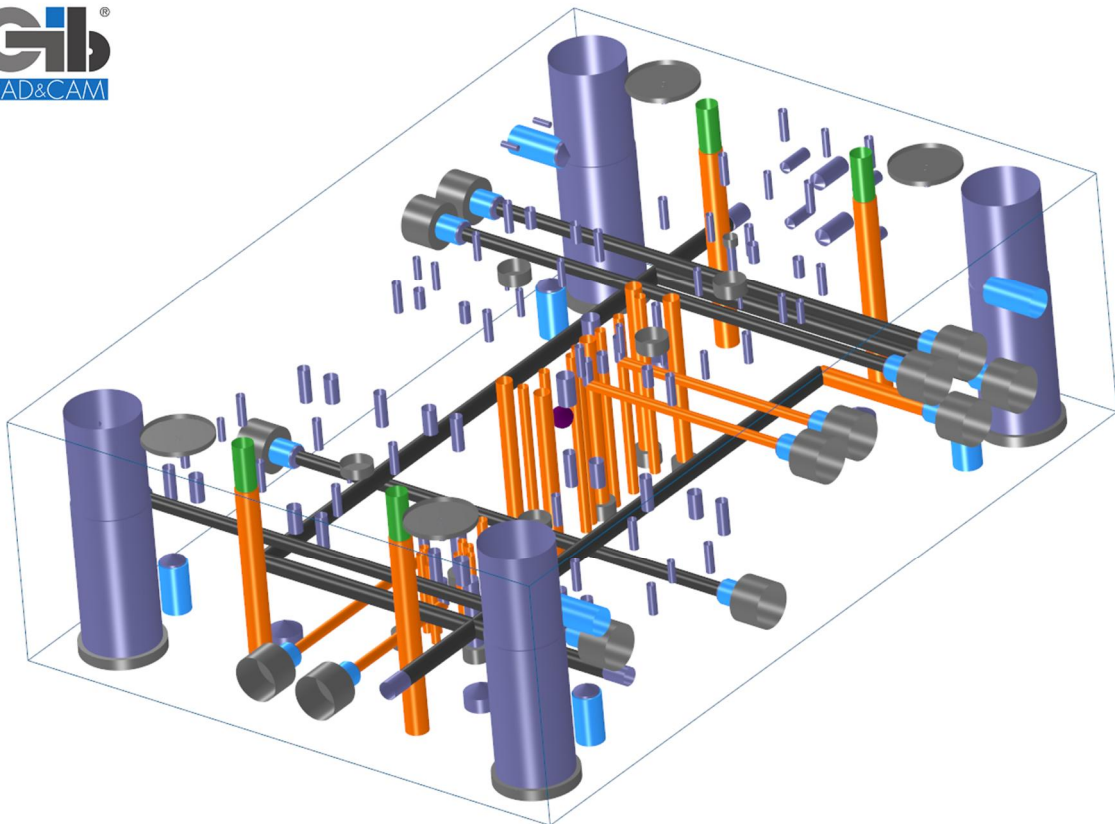


prepared workpiece with GIBcam technology feature
for all 2.5D machining tasks



For this purpose, GIBcam offers the possibility to convert and export feature data. This makes this specific information readable and processable for CAD systems. Since CAD systems such as CATIA, NX, CREO and others do not know the GIBcam technology features, an attempt is made to provide a maximum of information by simple means. This includes:

- all geometric parameters of the feature such as diameter, length, final shape, reference position and direction.
- type of feature
- additional feature information on thread type and size as well as fits
- processing status

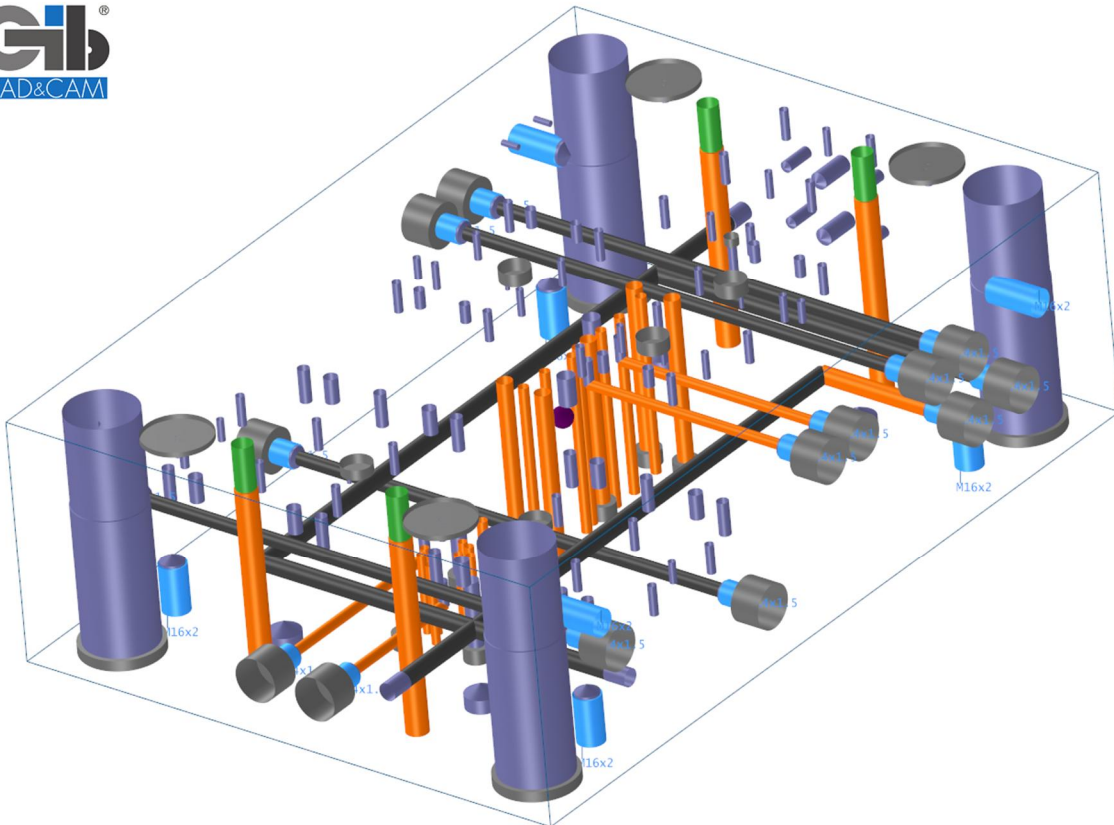


converted and exported data of the component for CATIA in CATpart format



Für folgende Datenformate sind diese Informationen verfügbar:

- STEP
- IGES
- CATIA/CATpart
- NX
- ACIS
- PARASOLID



converted and exported data of the component in STEP format

This function completes the possibility of generating data on the actual state of the component after or during the production process for further use in the CAD/NC process chain.

GIBcam v2022.B1190-1650

[The availability of the individual functions depends on the range of functions of the GIBcam basic package and any additionally licensed components.]

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