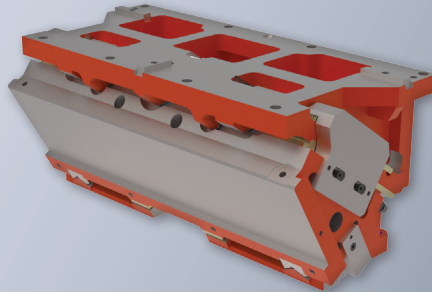
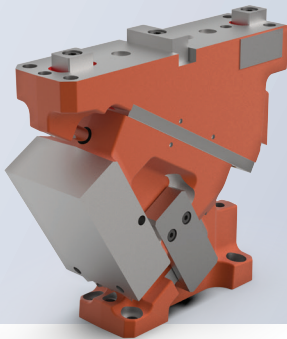
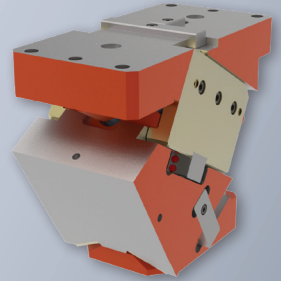
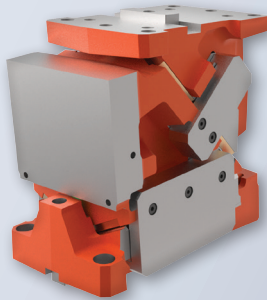


WE LOVE TECHNOLOGY



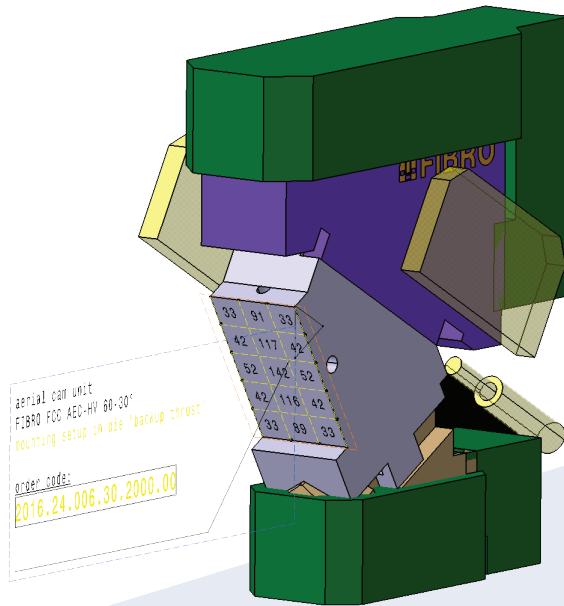
USER GUIDE FOR FIBRO CAM UNIT ADAPTER



MEMBER OF THE LÄPPLE GROUP



CAM UNIT ADAPTER PROCEDURE FOR USE



THE MODEL STRUCTURE OF OUR CAM UNIT ADAPTER CORRESPONDS TO THE SPECIFICATIONS OF THE CAD GUIDE. THE INTEGRATION INTO THE TOOL DESIGN IS, THEREFORE, POSSIBLE WITH THE DIFFERENT INTEGRATION METHODS OF THE OEMS.

IN ADDITION TO THE CAM UNIT GEOMETRY AND THE CAM UNIT CONNECTION GEOMETRY (CASTING, MILLING, AND DRILLING OPERATIONS), THIS CAD MODEL ALSO PROVIDES THE PARTS LIST INFORMATION AND CAN BE TRANSFERRED TO THE TOOL STRUCTURE. POSITION CORRECTIONS AND ADJUSTMENTS TO THE CONNECTION GEOMETRY ARE POSSIBLE VIA VARIOUS PARAMETERS.

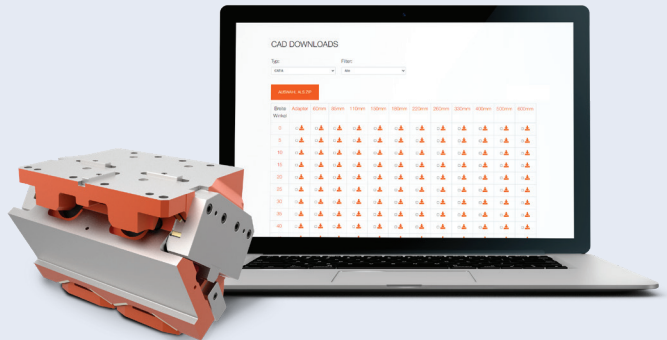
NEW THE LOAD CHARTS ARE NOW ALSO DISPLAYED IN OUR CURRENT CAM UNIT ADAPTER MODEL.

OUR CAM UNIT MODEL SERVES AS A STANDARDIZED INTEGRATION INTERFACE IN TOOL DESIGNS

- It works with the geometry upstream of the model and, therefore, offers much more flexibility compared to a purely parametric model.
- With the help of our cam unit model, not only can the angles within a width be changed, but other widths, other cam unit series, and other cam types from our product range can also be used with just one adapter model.
- This makes it even faster and more convenient to change the cam unit geometry during the process of tool design.
- Company-internal modifications, such as the use of custom drilling features, can be introduced even more easily and with less time spent on modeling and maintenance, since only one adapter model is required for all cam units.

CAM UNIT ADAPTER PROCEDURE FOR USE

**SELECT THE CAM
UNIT AND ADAPTER
MODEL ON OUR
HOMEPAGE IN THE
"CAD DOWNLOAD
AREA".**



Here you can conveniently compile the cam units you need using a selection matrix and download them individually or several different cam units at once.

The adapter model is listed in the selection matrix for each width, but can be used universally for all our cam units. Therefore, it only needs to be downloaded once.



OUR "CAM UNIT SELECTION WIZARD" HELPS YOU FIND THE RIGHT CAM UNIT FOR YOUR APPLICATION.



Direct link to the respective CAD model as well as to the technical data of the cam unit

We recommend saving the downloaded CAD models locally in the tool project.

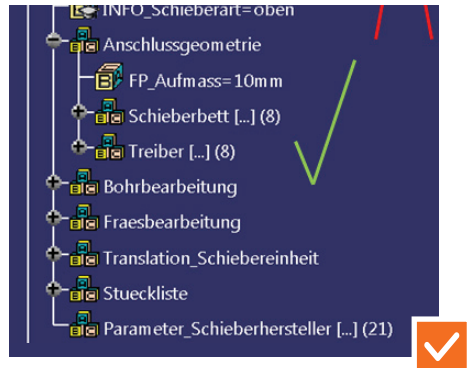
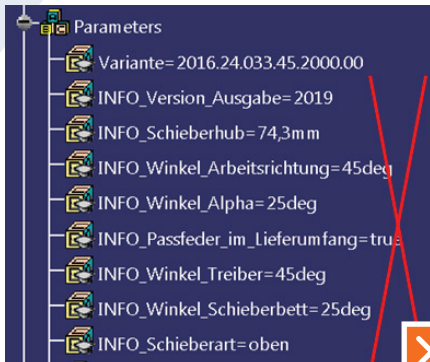
Registration or login is not required to download our cam unit data.

CAM UNIT ADAPTER PROCEDURE FOR USE

OUR ADAPTER MODEL IS LINKED TO A PLACEHOLDER GEOMETRY DURING DOWNLOAD. TO CONNECT IT TO THE CAM UNIT YOU NEED, OPEN THE ADAPTER MODEL.



You can use the CATIA edit/link command to call the "Replace" command in the "Pointed documents" tab and link it to the cam unit geometry you need using the file-selection dialog.



We recommend first opening the upstream model and making the desired settings here before integration into the tool.

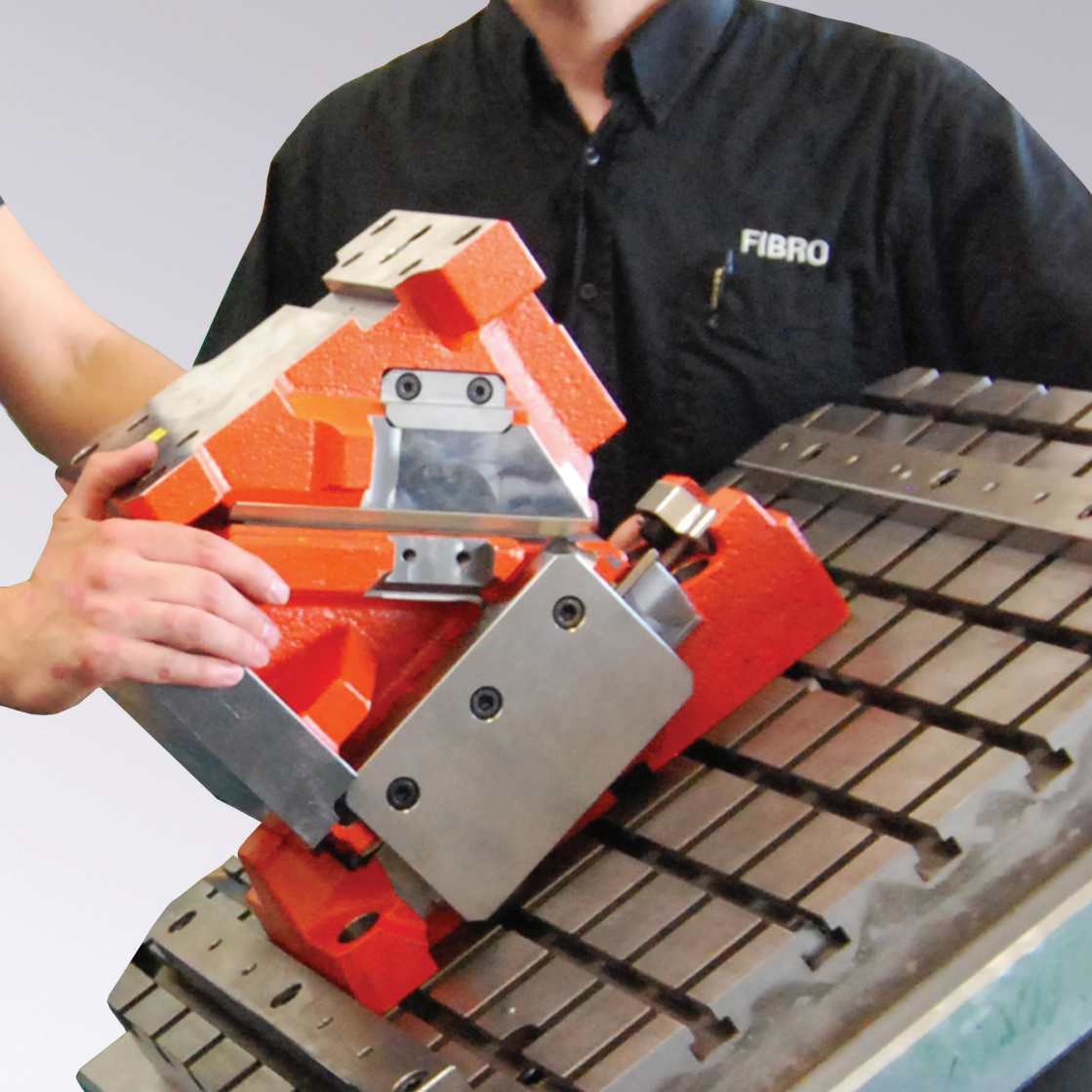
The models of the **2016.15, 2016.24, 2016.26 and 2016.27 series are fully parametric in design** and can be adjusted via angle parameters as well as various other parameters, depending on the series.

The type of force absorption can also be adjusted via parameters, the load chart on working surface adjusts according to this selection.

The models of the **2016.25 series are partially parametric** and can be adapted in terms of width derivative, in the design of the working surface with or without offset, as well as in the type of pre-acceleration.

The part number in the BOM parameters, as well as in the 3D text, will be adjusted according to the selected parameters. Update the adapter model after the parameters have been configured.

In our adapter model, you can change the cam unit environment (connection geometry) via various parameters, but not the cam unit geometry itself. The parameters for adapting the connection geometry can be found in the parameter set "Parameters/connection geometry".



CAM UNIT ADAPTER PROCEDURE FOR USE

BEFORE INTEGRATING THE CAM UNIT INTO THE TOOL DESIGN, THE REQUIRED REFERENCE GEOMETRY FOR POSITIONING THE CAM UNITS MUST BE AVAILABLE.

This reference geometry may differ depending on the specified design methodology and must, therefore, be incorporated in accordance with the specifications of the respective OEM.

The integration of the cam unit geometry into the tool structure is done using the corresponding OEM method. For example, macros provided by OEMs for standard part integration can be used for this purpose.

In the FIBRO cam unit adapter model, the cam unit type, as well as the corresponding part number are displayed via 3D text.

The current cam unit series that can be combined with our adapter model are as follows:

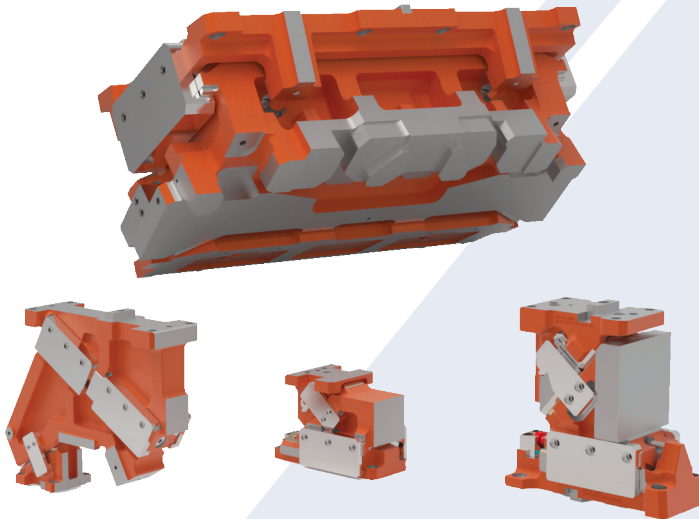
2016.24.	Aerial cam unit HV	60 up to 600 mm Working width	fully parametric
2016.25.	Aerial cam unit HV	700 up to 1050 mm Working width	partially parametric
2016.26.	Aerial cam unit HV	65 up to 400mm Working width	fully parametric
2016.27.	Aerial cam unit HV compact	65 up to 400mm Working width	fully parametric
2016.15.	Die mounted cam unit HV	65 up to 400 mm Working width	fully parametric

CUSTOMER-SPECIFIC SERVICES

CUSTOMER-SPECIFIC CAM UNITS

DISCOVER OUR CUSTOMER-SPECIFIC CAM UNITS

All the advantages of standard purchase cam units in combination with your application-specific requirements



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