



AUCOTEC AG  
Oldenburger Allee 24 • 30659 Hanover  
Telephone +49 511 61 03-0 • Fax +49 511 61 40 74  
www.aucotec.com

## Coupling to the Kiesling Boring Centre Perforex BC

### ■ What is Perforex?

A system of machines for manufacturing mounting plates, cabinet doors etc.

The required holes and threads (about 200 for a medium-size cabinet), recesses and openings are sawed, milled and bored.

For this purpose a so-called "hole layout" is used. This hole layout can be created directly on the machine by reconstructing the cabinet with respect to the components relevant for boring.



Sample facility

Detail view of a  
worked cabinet door



### Your Advantages:

No layout redrawing in manufacturing, thus avoidance of errors and elimination of unnecessary operating steps

Central master data storage:  
Component data redundancy is precluded

Data consistency: All design changes are available online in the manufacturing layout

Manufacturing-relevant rework in Perforex is safeguarded. The hole layout can be checked and cleared by the finisher



**Description:**

The following data is e.g. stored in the component-related boring schemas:

- Width of the component
- Height of the component
- Reference point
- Positions of a bore hole in relation to the reference point
- Tools to be used for drilling the holes
- Positions of the recesses
- Heights and widths of the recesses

For variable parts (e.g. busbars and conduits) the following attributes are assigned:

- Widths and heights of the parts (these result from the placement in the cabinet)
- Basic grid for bores
- Minimum distance from end point
- Tools

The bore diameter and the thread respectively automatically result from the Tool attribute. The tools can be taken from a selection table stored in the AUCOTEC application.