

## WinVector: CAD-drawings done professionally

The powerful 2D CAD is now even suited for simple 3D tasks

*WinVector* has extensive CAD features and is nonetheless a very comprehensible tool, so that even frequent users can handle it very well. All functions can be accessed quickly by mouse or keyboard shortcuts. Simultaneously you can open multiple drawings and detail-view windows. The intuitive software design and intelligible Help feature make you a professional *WinVector* user in no time.

### Features

#### Draw Elements

- Points, Point Patterns, Intersect, Perpendicular, Arccenter, etc.
- Lines, Connecting, 3D Lines, Chamfer, Trim, etc.
- Circles, Arc Fillets, Tangential Circles, Hole Patterns, etc.
- Splines, Displacements, Squares, Ellipses, Shades, etc.
- Break, Move, Turn, Extend, Elements, etc.
- Measurements, Faces, Text, and Truetype Texts

#### Geometries

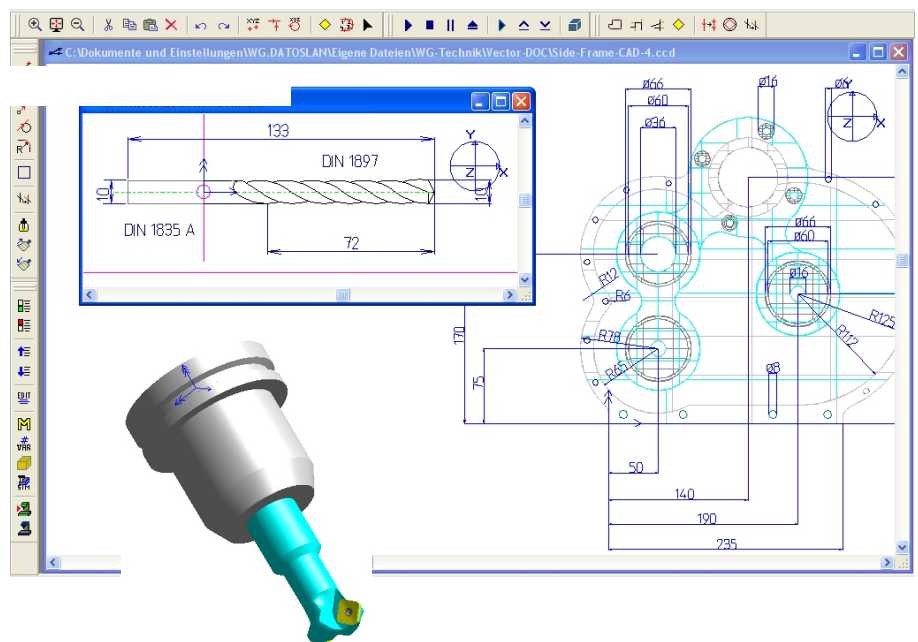
- Mark Contours
- Select succeeding elements, trim, close, chamfer
- Colours, Layers, Line Fonts and Formats, Text Format
- Group Objects, assign attributes, visible/invisible

#### 3D Options

- Faces: Nurbs, Freeform, Rules, Rotation, Swept, Swung, Coons, Contour etc.

### Machine Tool Technology & Sales

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### Example: Draw Special Tools for *WinTool* Tool Management System

- Open a DXF-drawing similar to the one you want to draw
- Modify the drawing or add new elements to it. Place the correct zero point in the drawing.
- Add measurements for lines, angles, or points according to your information needed.
- Assign the correct Layers for the cutting tool part, shank, and measurements
- Save the file under a new name.

### Your Advantages

- The CAD license is included in the *WinTool Professional* for free (see *WinTool CD*)
- Very comprehensive and quickly introduced. Suited for all co-workers in the shop.
- Extensive features included, nonetheless easy to use.
- Compatibility to *WinTool* and other standard DXF-formats.
- Optional *WinVector* extension including 3D functions, IGES, and STL interface available.