

# CoCreate® 2D Library

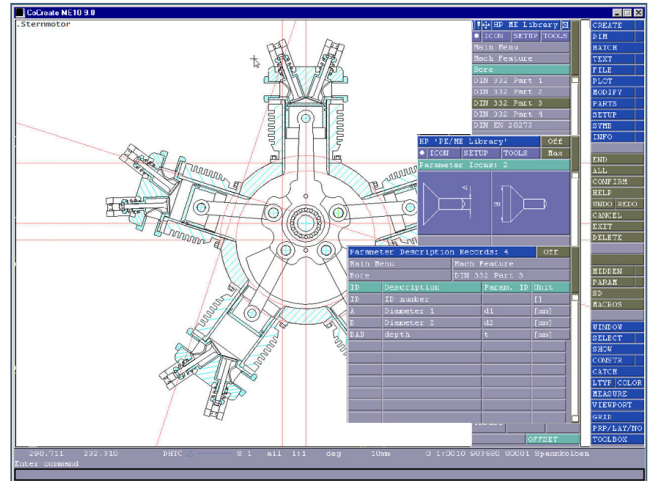
Add an extensive component library to your CoCreate Drafting™ environment

CoCreate 2D Library is an add-on module that integrates an extensive component library into your 2D product design tool. You can easily customize the library to match your company standards, or simply leverage the standards available, including ANSI, DIN, and ISO. CoCreate 2D Library helps you reuse standard components and simplifies the entire assembly and bill-of-materials (BOM) process.

Now you can easily insert standard components, such as bolts, washers, nuts, bearings and miscellaneous hardware, into product designs. By using pre-drawn parts that meet ANSI, DIN, and ISO standards, you can accelerate the design process.

## Key Benefits

- Insert standard fasteners and components into product designs and avoid spending time drawing off-the-shelf components.
- Fully detail product designs to include all standard components, and eliminate errors in fastener selections.
- Create product designs with company-standard manufacturing components, for optimal cost efficiencies.
- Generate a complete manufacturing bill-of-materials that includes all details of the product design.



Choose from a large selection of 2D CAD parts in the CoCreate 2D Library.

## Features and Specifications

### International Standards

- CoPilot-driven geometry: accomplish most drawing tasks without using menus
- Choose from a ready-to-use catalog of international standard parts (ISO, EN and DIN), including:
  - Screws
  - Bolts
  - Nuts
  - Washers
  - Bearings
  - Pins
  - Bushes
  - Threads
- Use library parts by simply selecting and specifying part parameters
- Draw from 900 certified standards
- Select from a configurable set of 100 industry standards, selectable at installation
- Choose from 500,000 different parts
- Make reliable decisions: built-in Construction Logic prevents incompatible part combinations

### Customization of Standard Parts

- Work from a table-based database, which conforms to ISO CD 13584 Parts 24 and 31
- Easily customize your database by suppressing records of standards
- Add custom varieties to standard parts, such as extra-long bolts
- Add company-specific information to standard parts, e.g., stock numbers

### Company Standards

- Add company-standard parts, such as:
  - Drafting macro files
  - Parametric macro files
  - Geometry files
- Include your company parts in the Construction Logic to further avoid automatic combinations of inappropriate parts

### 2D Parts Management

- Use the assembly navigator to easily define standard assemblies with Construction Logic rules
- Check the history menu of recently used parts
- Use the icon generator to add standard parts to graphical menus

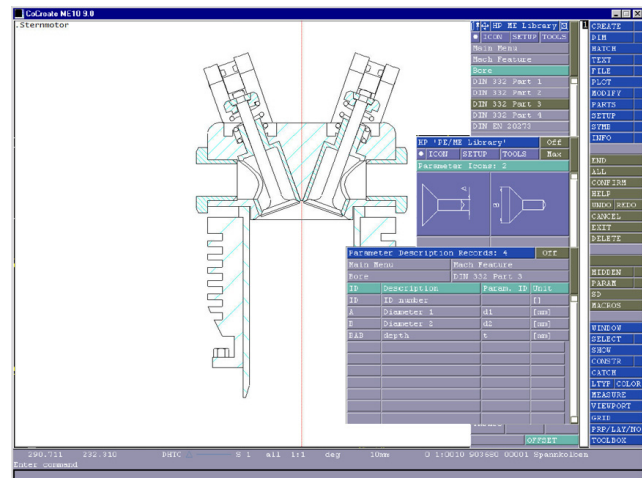
### Improve Surface Quality

- Create, modify, and analyze surfaces, and design ergonomic products, with confidence

### Work on Imported Designs

Work on imported models as if they were native:

- All operations also work on designs imported through standard interfaces or optional CAD interfaces
- Automatic detection of gaps in the design
- Ideal for repairing designs coming from other CAD systems



Extend the existing 2D CAD library with your company's own preferred parts.

### Prerequisites

- CoCreate Drafting (classic user interface)

### Platform Requirements

CoCreate 2D Library supported operating systems:

- Windows® 7 32-bit and 64-bit Editions of Ultimate, Enterprise, and Professional
- Windows Vista® 32-bit and 64-bit Editions of Ultimate, Enterprise, and Business
- Windows XP Professional 32-bit and 64-bit Editions

For the most up-to-date platform support information, visit: [www.ptc.com/partners/hardware/current/support.htm](http://www.ptc.com/partners/hardware/current/support.htm)

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