

The I-DEAS® Drafting Symbols Catalog™ software is a comprehensive mechanical and electrical symbols catalog for use as an extension to I-DEAS Master Drafting™ software.

The catalog is based on ANSI, JIS, and ISO standards which are currently in use throughout the industry. It consists of mechanical fasteners, electrical and electronic symbols, HVAC, fluid power, heat power, piping symbols, welding symbols, and standard drawing borders for complete production-quality drawings.

Where applicable, the catalog contains a front and side view of the entities. The catalog conforms to international standards, but you may still modify any of the symbols to conform to your specific company requirements. You may also add your own custom symbols to the library. To aid you in the creation of your own specific standards, symbols may be nested, scaled, rotated, mirrored, or globally changed in I-DEAS Master Drafting software.

Some of the applications for the I-DEAS Drafting Symbols Catalog include:

- Mechanical Design
- Electrical Schematic Layout
- Electronic Layout and Routing
- Hydraulic Design
- Detailed Assembly Drawings
- Heat and Power Design
- Electro-Mechanical Design
- Electro-Hydraulic Design

## More than 20,000 Symbols

- Drawing Borders
  - Drawing sheet size and format
  - Parts lists, data lists, and index lists
- Electronic
  - Graphic symbols for electrical and electronics diagrams
- Electrical
  - Graphic symbols for electrical wiring and layout diagrams used in building construction

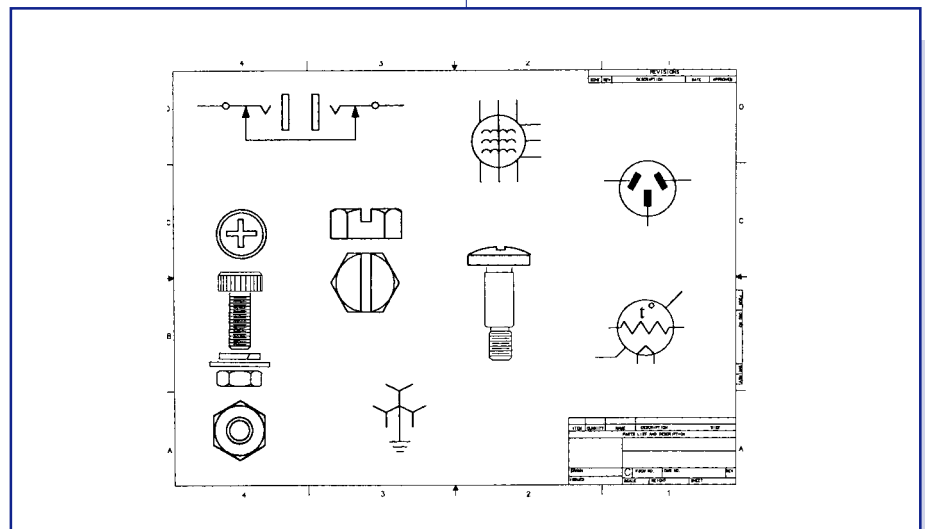
- Nuts/Bolts and Washers
  - Hex and square bolts
  - Hex and square nuts
  - Plain washers
  - Lock washers
- Machine Screws
  - Socket head cap screws
  - Socket head shoulder screws
  - Socket head set screws
  - Binding head screws
  - Button head screws
  - Fillister head screws
  - Flat head screws
  - Oval head screws
  - Pan head screws
- Rivets
  - Flat head, button head, pan head, truss head, flat countersunk, and tinners rivets
- Fluid Power
  - Fluid power symbols for hydraulic schematic diagrams
- Heat Power
  - Graphical symbols for heat-power apparatus
- Heating, Ventilating, and Air Conditioning
- Pipe Fittings, Valves, and Piping
  - Graphical symbols for pipe fittings, valves, and piping
- Mechanical Springs
  - Helical compression and extension springs, multiple ends, and drawing requirement worksheets
- Surface Texture
  - Surface texture symbols
- Welding
  - Symbols for welding and brazing, weld location, and process letter designation and non-destructive testing
- Cross Sections
  - Standard cross sections for channels, pipes, and structural tubing

## Prerequisite

I-DEAS Master Drafting

## For More Information

For more information, contact your local SDRC representative or call 1-800-848-7372.



Drafting symbols help you create production-quality drawings.