

MechanicalLT2000

MECHANICAL DESIGN FOR AUTOCAD LT® 2000

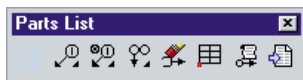
COMPLETE SOLUTION

Mechanical LT™ 2000 simplifies the creation of mechanical drawings with AutoCAD LT 2000 saving you time and money and keeping you competitive.

Mechanical LT 2000 offers you a full range of applications for AutoCAD LT, which significantly increases your productivity. You don't have to be content with merely a symbols library; expect full functionality at a reasonable price. Mechanical LT 2000 is the complete mechanical engineering solution for AutoCAD LT.

PARTS LIST

Mechanical LT 2000 contains a powerful function to generate a "top-down" or "bottom-up" parts list in the drawing. Naturally, it is possible to adapt the parts list and text styles to specific company standards.



Item numbers and attached item numbers are supported. As new item numbers are created, erased or inserted between existing item numbers, the parts list in the drawing can automatically be updated. A text file, which can be edited with other programs such as Excel or Word, can be used to export the data to an external database.

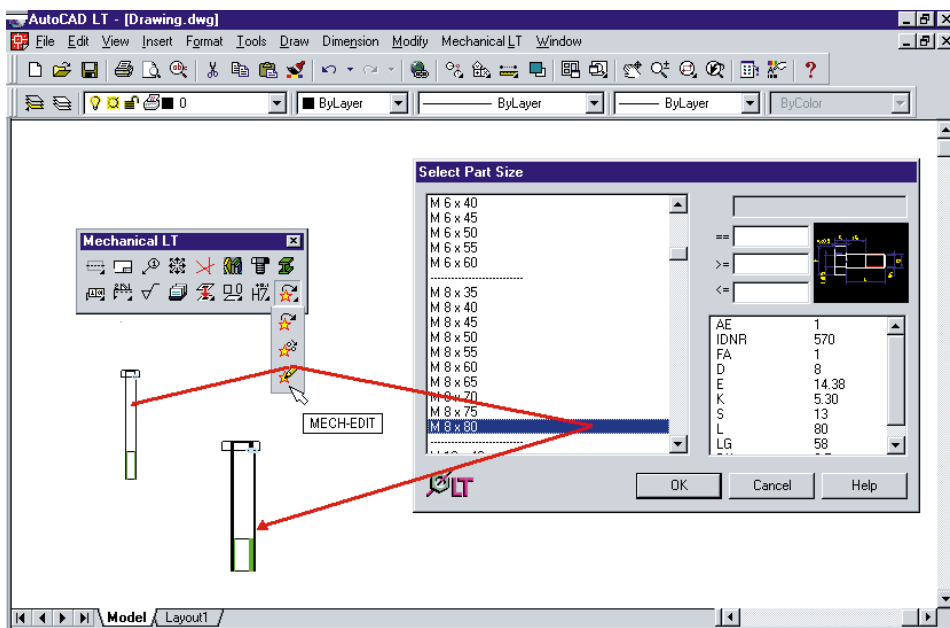
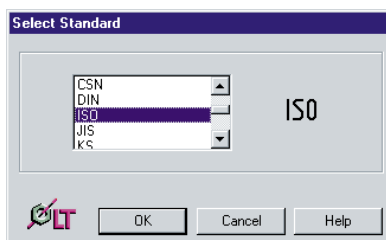
MECH-TOOLS

Mechanical LT 2000 makes the existing drawing into a menu. Instead of searching through the menus for the correct command, simply use Mech-Tools! Select an object on the drawing. Mechanical LT 2000 allows editing or intelligent copying of the object through the functions Mech-Edit or Mech-Copy. Mech-Recall activates the function that created the object and allows similar objects to be created with different input parameters.

STANDARD COMPONENTS

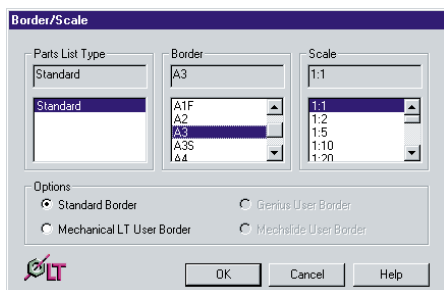
Mechanical LT 2000 is very comprehensive in regards to standard components: screws, nuts, washers, pins, bearings, rivets, circlips, beams, keyways, centerholes, holes (tapped, drilled, blind, through, and countersunk). Each component can be represented in different views. The inserted component contains the essential data to produce the parts list.

With its parametric component database, Mechanical LT 2000 contains well over 100,000 standard components and supports a multitude of international industrial standards, such as DIN, ISO, JIS, ANSI, etc.



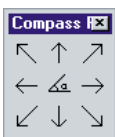
DRAWING BORDER & SCALE

Mechanical LT 2000 contains a predefined set of standard drawing borders, title blocks, and drawing scales. Naturally, it is possible to adapt the drawing borders and title blocks to specific company standards.



DRAWING AIDS

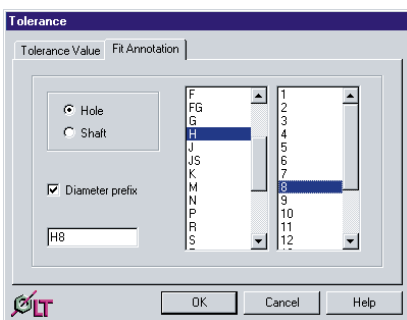
In order to reduce design time, Mechanical LT 2000 offers several drafting tools: construction lines, centerlines, center-cross, and section lines. A compass rose is available for making fixed angle drafting, moving or stretching of objects easier.



Both construction lines and the compass rose functions are offered in the most frequently used standard angles.

TOLERANCE

Mechanical LT 2000 features tolerance and fit annotation to be added to AutoCAD dimensioning. Tolerances are justified top, middle, or bottom according to symmetrical, deviation, limits, or basic methods.



USER-DEFINED PARAMETRICS



Imagine being able to create a suite of your own specific company components... Mechanical LT 2000 contains a powerful tool for parametric design, which makes it the only product in this price range that enables the creation of your own parametric components.

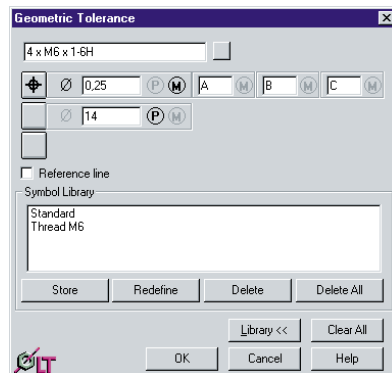
The user-defined parametric templates can be dimensioned with constants, variables, and mathematical expressions. Rectangular and polar arrays, as well as automatic hatching, are supported. Parametric templates are easily stored and retrieved from a graphical library.

The generated parametric components can automatically be dimensioned and included in the parts list. As a bonus, the graphical template library can also store ordinary blocks.

MECHANICAL SYMBOLS



Mechanical engineering symbols are necessary for a mechanical package. With its user-friendly interface, Mechanical LT 2000 offers weld, geometric tolerances, reference, and surface texture symbols.



LAYER MANAGEMENT



Mechanical LT 2000 comes with a predefined layer structure, which supports the world leading mechanical applications for AutoCAD: Genius and Mechslide. All objects drawn by Mechanical LT 2000 are automatically placed on the correct layer. There are also functions to manually transfer objects between layers.

SYSTEM RECOMMENDATIONS

- AutoCAD LT 2000
- Pentium based system
- Minimum 32 MB RAM
- Approximately 20 MB free hard-disk space

Today's CAD solution has to offer more than just lines and circles; it has to provide tools for efficient design. As you can see, this is exactly what Mechanical LT 2000 is all about!

RESELLERS

Please contact your local AutoCAD LT reseller for additional information and how to order.

Mechanical LT 2000

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