



TDWIN Software



TDWIN Screenshots



TDWIN Report

## Software

### Thread Disk Software Straight Thread Dimensions

**TDWIN**

The Thread Disk engineering software calculates critical dimensions for threads based on ANSI tables and formulas. Thread types supported by the program include: UN, UNJ and UNR Series, Acme, Stub Acme, Stub Acme Modified I and II, Metric M & MJ, 7° X 45° Buttress, and General Purpose Pipe Threads.

To generate critical dimensions instantly, enter basic thread information on the Thread Type Entry screen, such as: thread type, thread class, nominal diameter, and threads per inch. Once the results are computed, tabs at the bottom of the program allow selection of several types of calculated information, including dimensions and tolerances for product threads, ring gages, set plugs, plug gages or Gagemaker's Thread Diameter gages.

If measuring internal and external shallow taper diameters is a problem, the Ball Mic SET DIM Tool provides setting dimensions for ball micrometers or Gagemaker's BX-1000 groove gage. The program calculates ball mic settings for any tapered surface geometry.

Other features of the program include the ability to print thread dimension reports, providing a paper copy of any calculation. These reports provide the same critical dimensions that display in the program. A multiple calculation window capability is a feature that allows performing several different thread calculations at the same time.

#### System Requirements

- Windows XP or higher
- 64 MB RAM
- 3 MB of free hard disk space
- CD-ROM drive

#### Features

- Uses ANSI tables, formulas, and tolerances
- Calculates standard and non-standard product thread diameters from #000 to 99.8"
- Calculates ANSI ring and plug gage dimensions
- Addresses pitches from 1 to 400
- Calculates Gagemaker style thread gage setting dimensions

Model	Description
TDWIN	Thread Disk software
TDWIN-Network	Multi-user license agreement