

# Thread Disk for Windows Software

## Thread Dimensions

**TDWIN**



### TDWIN Thread Disk for Windows Software

### Thread Type Entry Screen

	Internal	External
PD Max	4.1548	4.1387
PD Min	4.1417	4.1286
Maj Dia Max	N/A	4.2470
Maj Dia Min	4.2500	4.2288
Min Dia Max	4.100	4.0666
Min Dia Min	4.070	4.0203
Root Rad Max	N/A	N/A
Root Rad Min	N/A	N/A
Thd Height	0.0902	0.0902
Root Width	0.0208	0.0417
Thd Pitch	0.1667	0.1667
Wire Size	N/A	0.09622
Max Wire Reading	N/A	4.28304
Min Wire Reading	0.00000	4.27294
Helix	0.00.00	0.44.03
Helix Comp	N/A	N/A

### Thread Dimension Screen

### HOW TO ORDER

Select the software version you require (new version, upgrade from any version below 4.2.2, or a site license).

The Thread Disk for Windows 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, I 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. Also, online help is available to answer any questions about the program.

### System Requirements

- Windows 95 or higher
- 64 MB RAM
- 3 MB of free hard disk space
- CD ROM

### 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 80
- Calculates Gagemaker style thread gage setting dimensions
- Provides immediate answers to program questions in online help

### TDWIN Thread Disk for Windows Software

Model No.	Description
TDWIN	Thread Disk for Windows software
TDWIN-UP	Upgrade to TDWIN from TD-100, version 4.2.2
TDWIN-LIC5	Floating site license agreement, 5 users
TDWIN-LIC10	Floating site license agreement, 10 users

