

ThreadMaker program for KeyCreator 12.x only!

Use this program at your own risk!

Program description:

This program creates true shape external threads with a shaft. The variables can be tweaked as to achieve the desired thread form for your application or per specific data given, like from the machinery hand book.

All settings are remembered once the OK button is pressed, plus the user can place the solid body to the location of his/her choosing.

The Thread Maker Setup Dialog Box

The Thread Maker

Major Diameter: 0.250000 Thread Pitch: 0.050000

Crest % of Pitch: 0.125000 Thread Length: 1.000000

Root % of Pitch: 0.125000 Thread Angle: 30.000000

Thread Chamfer: 0.050000

Thread Type: RightHand
 LeftHand

WARNING
This program with temporarily create geometry on level 100000, then delete the level on the fly. If you have entities on level 100000 or sub levels thereof, they will be DELETED.

Create Close

Warning!

This program with temporarily create geometry on level 100000, then delete the level on the fly. If you have entities on level 100000 or sublevels, they will be DELETED.

A thread chamfer of zero will create no chamfer as shown in the picture below.
If the Crest and Root % of Pitch are set to zero, the thread will be sharp.

A picture for the different variables thread creation settings:

