

This four part project is designed for the beginners, to illustrate the development of a small part, using common operations used on CNC lathes. Each project uses a separate drawing, but the next project is always a continuation of the previous project. This is *Part 4* of the four parts, a continuation of *Part 3 - 34-07*.

➡ Objective - Part 4 of 4 - added operation:

SINGLE POINT THREADING

The subject of threading is covered in *Chapter 38* but included here for the completion of this four-part project. You may want to revisit this project, after studying *Chapter 38*.

➡ To develop the part program, follow these conditions:

1. Same conditions as for the *Part 1 (34-05)*, *Part 2 (34-06)* and *Part 3 (34-07)*, plus:
2. Use T06 to thread the outside diameter
3. Use G76 cycle with a 2-block input for threading (Fanuc O-T type) - *reference: Chapter 38*

