

As an introductory turning project, this metric exercise includes the three most common operations on a round stock - *front facing*, *chamfer cutting* and *turning a diameter*. Back face is not important for this project.

The part shown will be completed in project 36-04, covering some additional operations.

➡ To develop the program, follow these conditions:

1. Use only one tool
2. Only a single cut is required on all three part features
3. Set the turning tool in the turret station number 3
4. Use 125 m/min surface speed and select suitable cutting feedrates for aluminum
5. Complete the diameter cut 4 mm past the back face of the part
6. Use 3 mm as a common clearance amount

