

This lathe grooving exercise is a typical example where a subprogram can be used very efficiently. However, for the purpose of training, make only the grooving program *without* a subprogram, using the incremental mode as much as possible. See the challenge below for further improvements.

The common detail of the grooves is shown on the right.

CHALLENGE

1. Make a complete program - with facing, roughing, finishing, grooving and part-off (include programming shortcuts)
2. Use the subprogram method to shorten the program

