

Most CNC systems support comments (messages) included in the program. These comments can serve as internal documentation of the program. Both CNC programmers and operators can benefit from carefully placed comments within the program. The majority of information is collected at the top of the program (known as the header), in the form of a multi-block comment section.

The objective of this project is to develop a program header that contains the following messages and instructions to the operator:

1. Control unit is Fanuc FS16-M
2. Programmer's name is your name
3. Z0 is the top of part
4. Date is today's date
5. Machine is Matsuura
6. X0Y0 is the lower left corner of part
7. Program file name is *Base Plate.nc*
8. Material is 4140 steel
9. Material size is 300 x 200 x 40 mm
10. Units are metric

Compose the header in logical order and use as few blocks as possible