VelocitàCNC

User Guide

Index
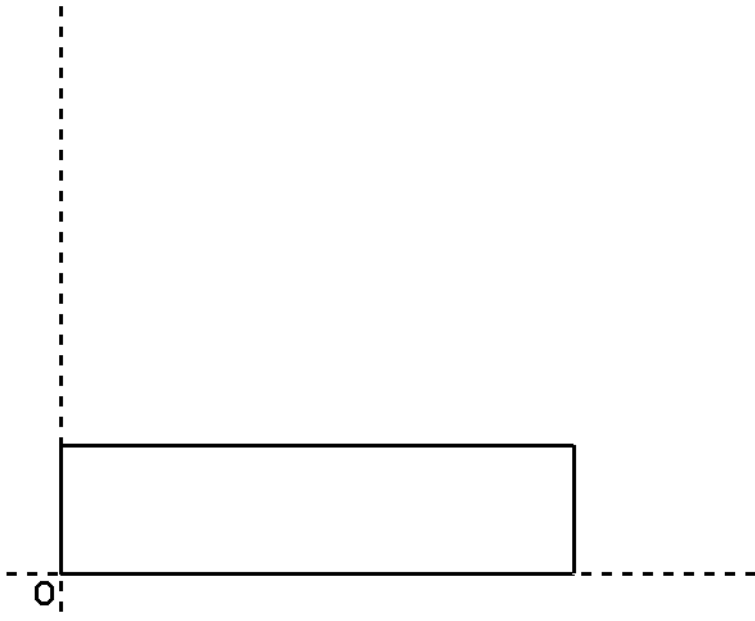
Setup

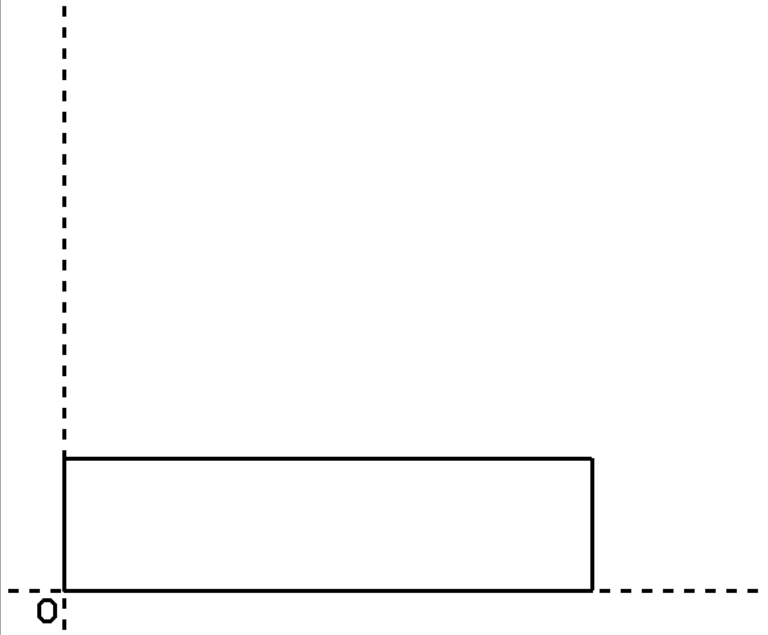| ENTER STOCK	D:200	L:400l	✓
SELECT START POINT	ANGLE:	OFFSET:	

	FACING
	TURNING
	TAPER TURNING
O	STOCK DIM.

1. **Enter the stock diameter (D) and Press Enter Key.**
2. **Enter the stock length (L) and Press Enter Key.**

CNC MACHINE	D:	L:	✓
SELECT START POINT	ANGLE:	OFFSET:	

	FACING
	TURNING
	TAPER TURNING
O	STOCK DIM. Φ200×400
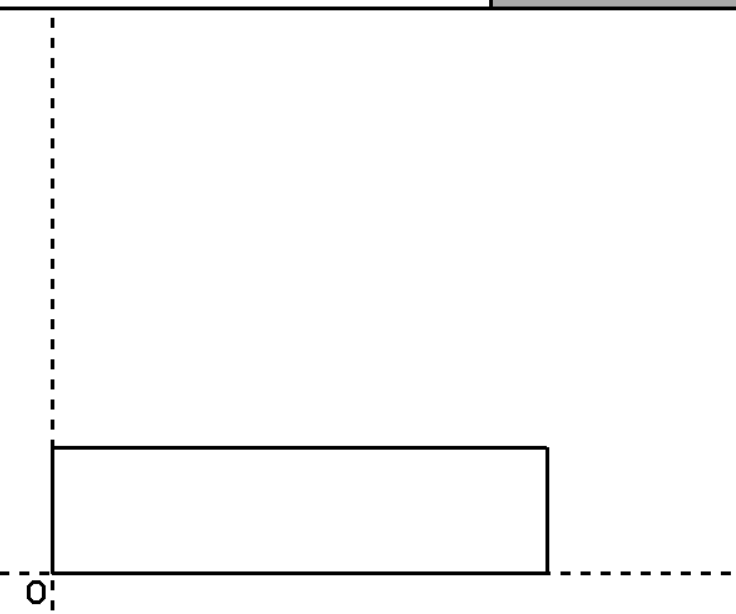
Facing
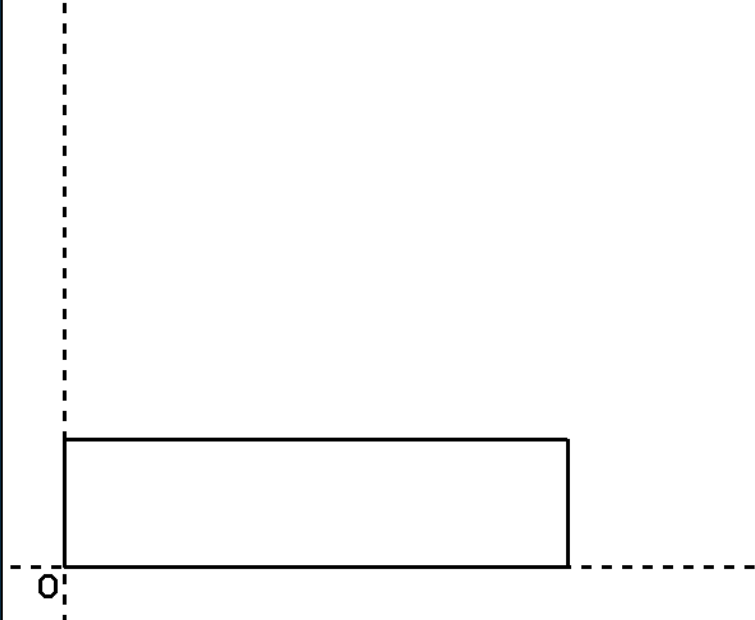
CNC MACHINE	D:	L:5I ✓
SELECT START POINT	ANGLE:	OFFSET:

		FACING
		TURNING
		TAPER TURNING
O		STOCK DIM. Φ200×400
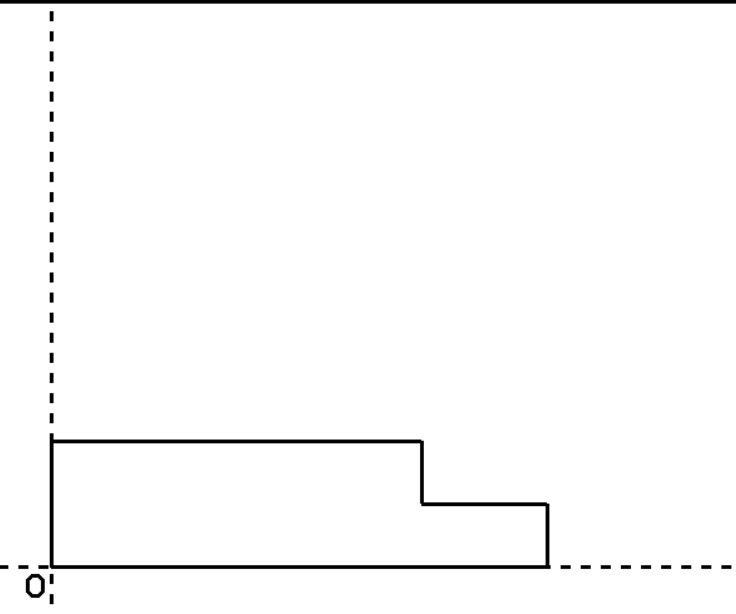
1. **Select Facing option.**
2. **Enter the length (L) to be cut for Facing operation.**
3. **Press Enter key.**

CNC MACHINE	D:	L: ✓
SELECT START POINT	ANGLE:	OFFSET:

		FACING
		TURNING
		TAPER TURNING
O		STOCK DIM. Φ200×400
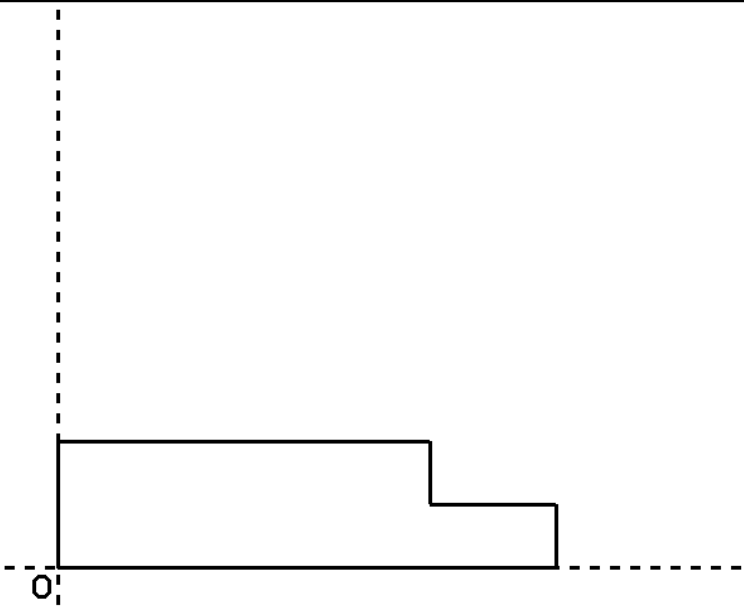
Turning

CNC MACHINE	D:100	L:100I	✓
SELECT START POINT	ANGLE:	OFFSET:	

FACING

TURNING

TAPER TURNING
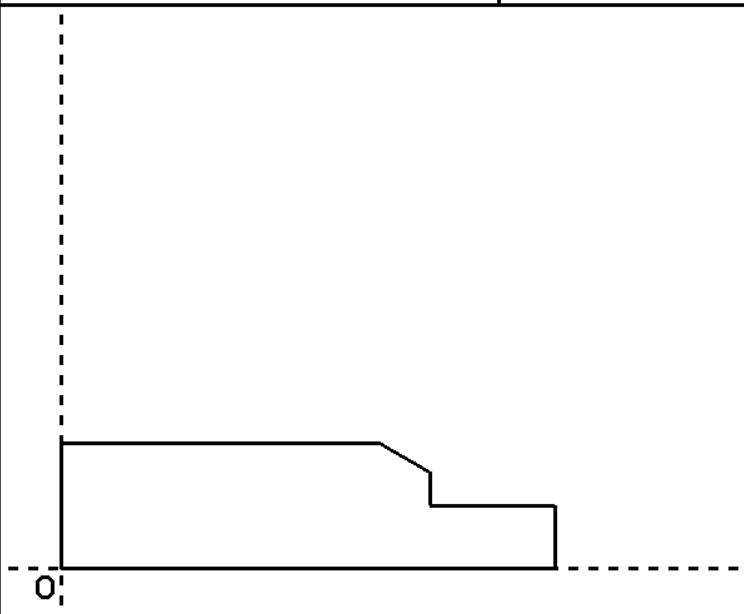
STOCK DIM. Φ200×400

O

1. Select Turning operation.
2. Select the start point for specified operation.
3. Enter the final diameter (D) you want after Turning.
4. Enter the length (L) to be cut from the selected start point.
5. Press Enter.

CNC MACHINE	D:	L:	✓
SELECT START POINT	ANGLE:	OFFSET:	

FACING

TURNING

TAPER TURNING

STOCK DIM. Φ200×400

O
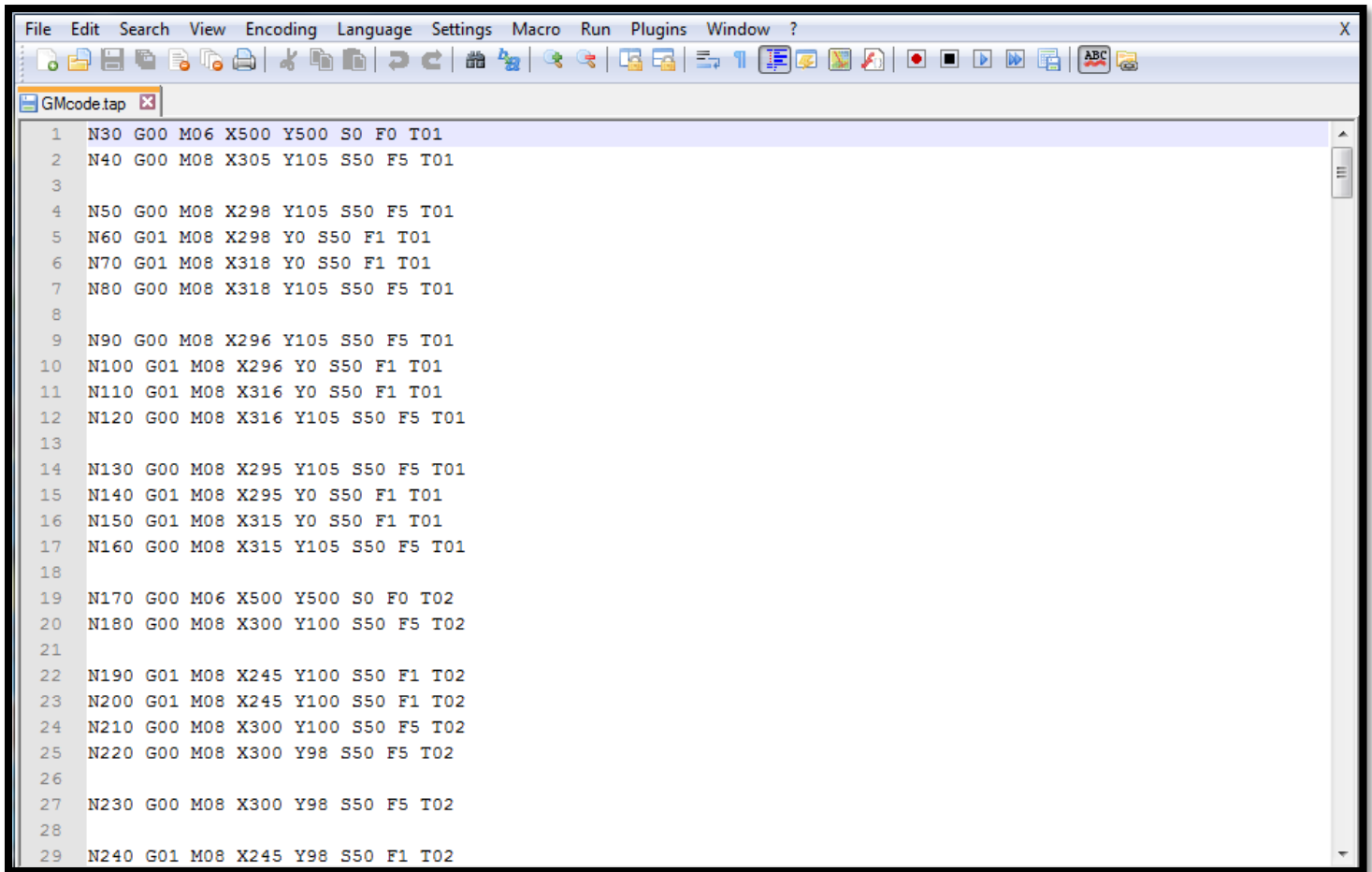
Taper Turning

CNC MACHINE	D:	L:40|	✓
SELECT START POINT	ANGLE:30	OFFSET:	

	FACING
	TURNING
	TAPER TURNING
	STOCK DIM. φ200×400

1. Select Taper Turning option.
2. Select the start point at which measurements are to be input.
3. Enter the angle (in degrees) for the taper cut.
4. Enter the horizontal length to be cut for Taper Turning operation.
5. Press Enter.

CNC MACHINE	D:	L:	✓
SELECT START POINT	ANGLE:	OFFSET:	

	FACING
	TURNING
	TAPER TURNING
	STOCK DIM. φ200×400

G-Code File

```
File  Edit  Search  View  Encoding  Language  Settings  Macro  Run  Plugins  Window  ?                    X

  GMcode.tap  ✕
  1   N30 G00 M06 X500 Y500 S0 F0 T01
  2   N40 G00 M08 X305 Y105 S50 F5 T01
  3
  4   N50 G00 M08 X298 Y105 S50 F5 T01
  5   N60 G01 M08 X298 Y0 S50 F1 T01
  6   N70 G01 M08 X318 Y0 S50 F1 T01
  7   N80 G00 M08 X318 Y105 S50 F5 T01
  8
  9   N90 G00 M08 X296 Y105 S50 F5 T01
 10   N100 G01 M08 X296 Y0 S50 F1 T01
 11   N110 G01 M08 X316 Y0 S50 F1 T01
 12   N120 G00 M08 X316 Y105 S50 F5 T01
 13
 14   N130 G00 M08 X295 Y105 S50 F5 T01
 15   N140 G01 M08 X295 Y0 S50 F1 T01
 16   N150 G01 M08 X315 Y0 S50 F1 T01
 17   N160 G00 M08 X315 Y105 S50 F5 T01
 18
 19   N170 G00 M06 X500 Y500 S0 F0 T02
 20   N180 G00 M08 X300 Y100 S50 F5 T02
 21
 22   N190 G01 M08 X245 Y100 S50 F1 T02
 23   N200 G01 M08 X245 Y100 S50 F1 T02
 24   N210 G00 M08 X300 Y100 S50 F5 T02
 25   N220 G00 M08 X300 Y98 S50 F5 T02
 26
 27   N230 G00 M08 X300 Y98 S50 F5 T02
 28
 29   N240 G01 M08 X245 Y98 S50 F1 T02
```

1. **View the G-Code file in the selected directory.**
2. **Generation of G-Code/M-code from the selected operations is then followed by animation.**
3. **The animation will show the final order in which the stock will be cut to obtain the desired job.**

<u>Animation</u>
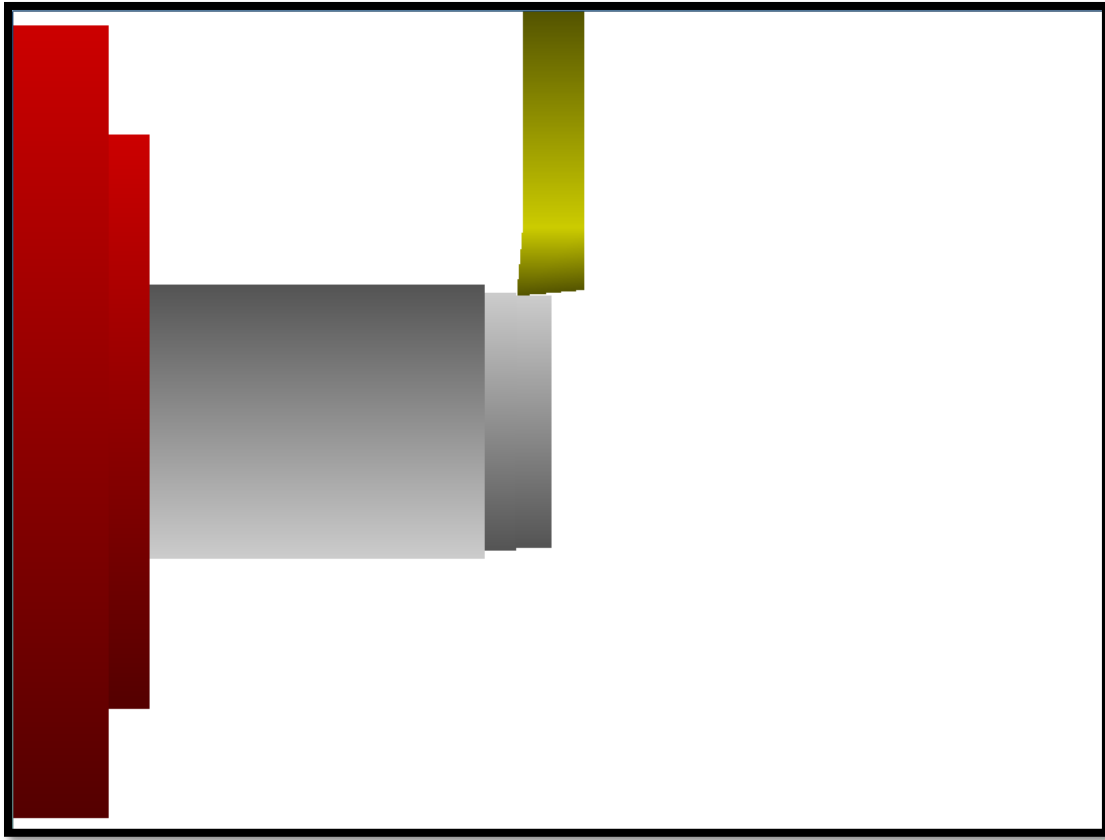
1. Press (ESC) key to close the program once the animation is completed.
2. Press (R) key to repeat the animation.