

, 1
(Chamfer) 1
(Round) 2

(Chamfer)

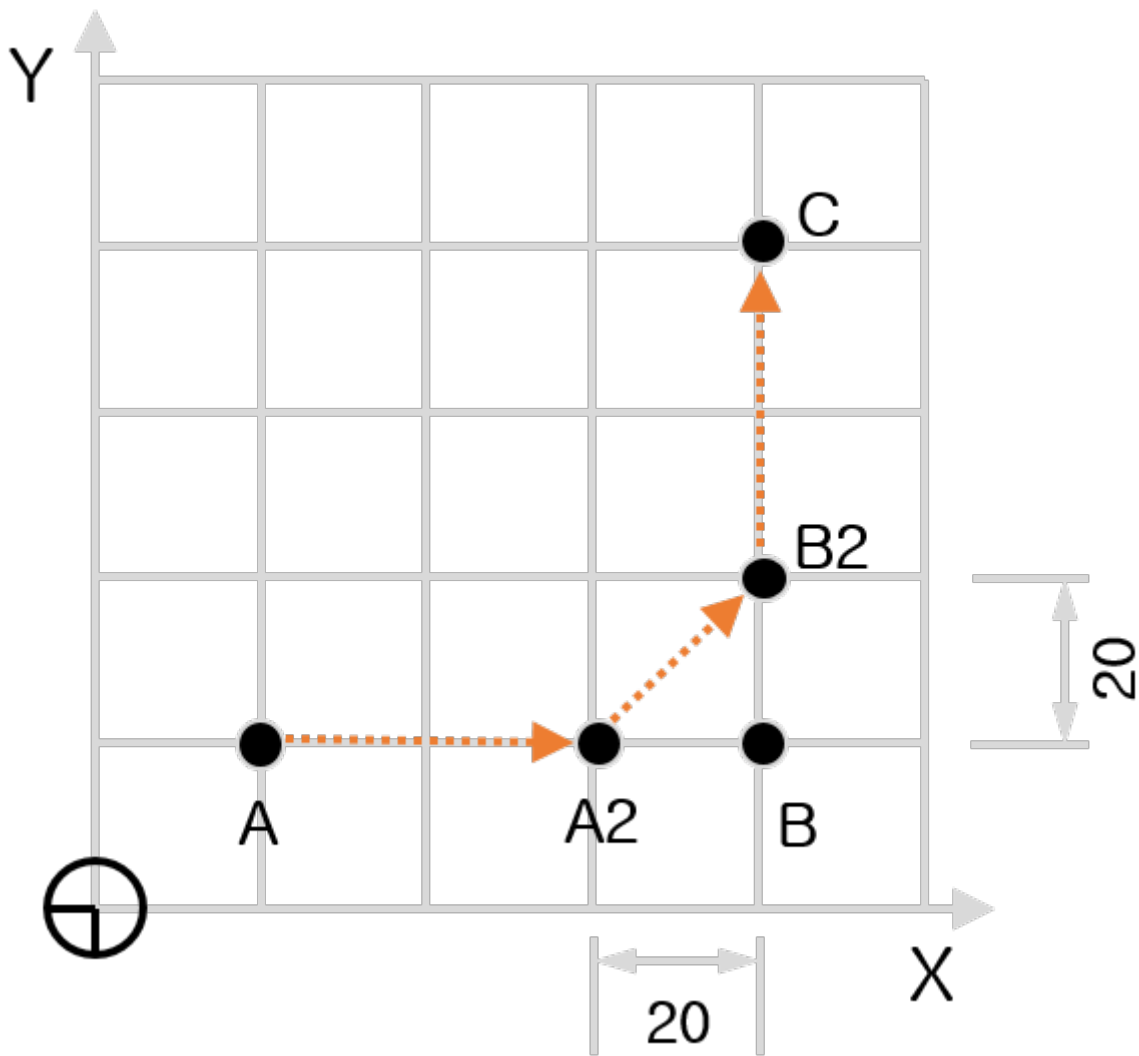
Summary

-

Format

- G01 X_Y_C_

Description



- A → A2 → B2 → C

```
G90
G01 X20 Y20 //( → A)
G01 X60 //(A → A2)
G01 X80 Y40 //(A2 → B2)
G01 Y80 //(B2 → C)
```

- A → A2 → B2 → C

```
G90
G01 X20 Y20 //( → A)
G01 X80 C20 //(A → B2, )
G01 Y80 //(B2 → C)
```

Example

The screenshot shows a CNC emulator interface. On the left, a code editor window titled 'main.g' displays the following G-code program:

```
1 O123456
2
3 M98 P1000
4 M02
5
6 P1000
7
8 G90 F5
9 G01 X20Y0
10 G01 X100 C20
11 G01 Y60 C20
12 G01 X0 C20
13 G01 Y0 C20
14 G01 X20Y0
15
```

On the right, the 'Emulator' window shows a 2D coordinate system with a grid. The vertical axis is labeled 'Ch 1' and the horizontal axis is labeled 'Ch 0'. A red line represents the tool path, starting at the origin (0,0), moving to (20,0), then following a circular arc to (100,60), then another circular arc to (0,60), and finally moving back to (20,0). The path is closed, forming a shape that resembles a 'D' with a curved top. A red arrow at the end of the path indicates the direction of travel.

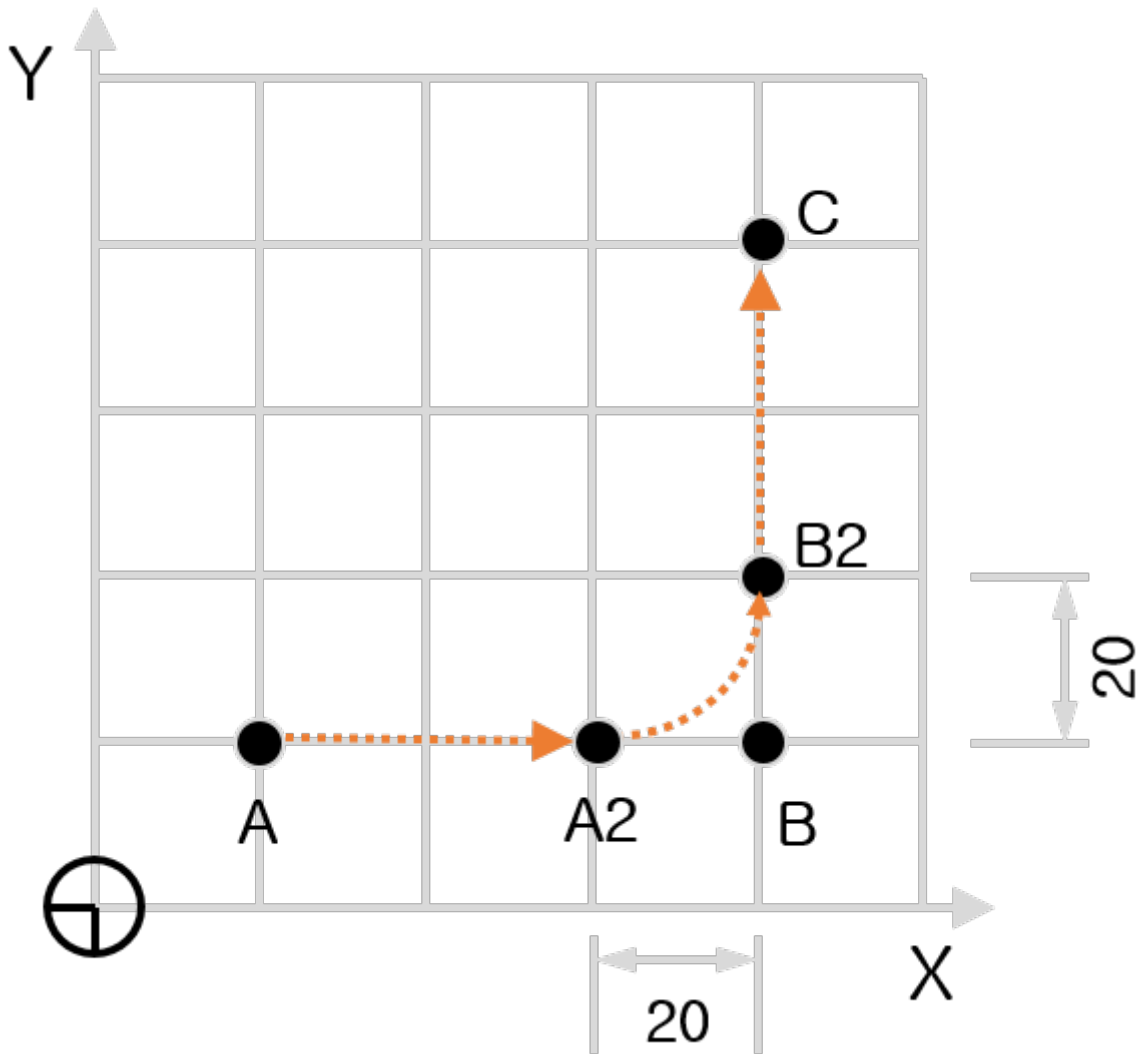
(Round)

Summary

Format

- G01 X_Y_R_

Description



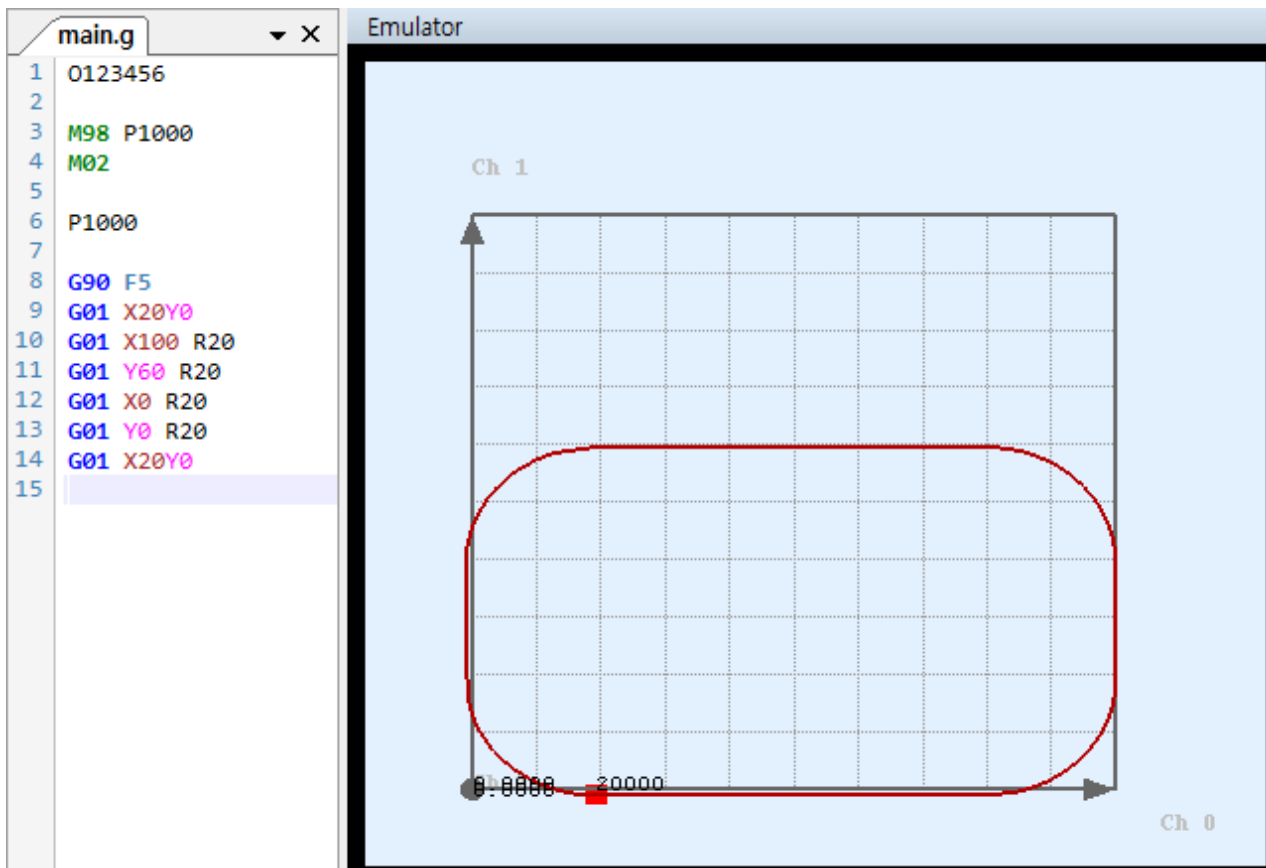
- A → A2 → B2 → C

```
G90  
G01 X20 Y20      //(    → A)  
G01 X60          //(A → A2)  
G03 X80 Y40 R20  //(A2 → B2)  
G01 Y80          //(B2 → C)
```

- A → A2 → B2 → C

```
G90  
G01 X20 Y20 //( → A)  
G01 X80 R20 //(A → B2, )  
G01 Y80 //(B2 → C)
```

Example



From:
<https://www.comizoa.com/info/> - -

Permanent link:
https://www.comizoa.com/info/doku.php?id=platform:gcode:20_desc:20_gcode:01_g01_cr&rev=1596009941

Last update: 2024/07/08 18:22