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# G54 ~ G59 (Work )

## Summary

- G54 : 1 Work .
- G55 : 2 Work .
- G56 ~ G59 : n Work .

## Format

**G54**

**G55**

## Example

Work Coordinate System ✖

WorkSpace	Position X	Position Y	Position Z
WorkSpace 0	0	60	0
WorkSpace 1	120	0	0
WorkSpace 2	120	60	0
WorkSpace 3	0	0	0
WorkSpace 4	0	0	0
WorkSpace 5	0	0	0

**OK**

**Cancel**

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

```
1 O1234
2 M98 P1000
3 G54 M98 P1000
4 G55 M98 P1000
5 G56 M98 P1000
6 M02
7
8 O1000
9 G90 F5
10 G01 X10 Y0
11 G01 X100 R10
12 G01 Y50 R10
13 G01 X0 R10
14 G01 Y0 R10
15 G01 X10
16
```

On the right, the 'Emulator' window displays a 2D coordinate system with a grid. The vertical axis is labeled 'Ch 1' and has a tick mark at 50000. The horizontal axis is labeled 'Ch 0' and has tick marks at 0.0000 and 130000. A red line is drawn from the point (0, 50000) to the point (130000, 0). There are also red rounded rectangles drawn around the axes and the origin area.

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