

Description

A line’s look is determined by its pattern, thickness, alignment, and color; see [G-4] **Concept: lines**. *linewidthstyle* specifies the line’s thickness.

linewidthstyle is specified via options named
`<object>(l or li or line)width()`
or, just
`<l or li or line>width()`

For instance, for connecting lines (the lines used to connect points in a plot) used by `graph twoway` function, the option is named `lwidth()`:

```
. twoway function ..., lwidth(linewidthstyle) ...
```

Sometimes you will see that a *linewidthstylelist* is allowed:

```
. twoway line ..., lwidth(linewidthstylelist) ...
```

A *linewidthstylelist* is a sequence of *linewidths* separated by spaces. Shorthands are allowed to make specifying the list easier; see [G-4] *stylelists*.

Syntax

| <i>linewidthstyle</i> | Description |
|-----------------------|----------------------------------|
| <code>none</code> | line has zero width; it vanishes |
| <code>vvvthin</code> | thinnest |
| <code>vvthin</code> | |
| <code>vthin</code> | |
| <code>thin</code> | |
| <code>medthin</code> | |
| <code>medium</code> | |
| <code>medthick</code> | |
| <code>thick</code> | |
| <code>vthick</code> | |
| <code>vvthick</code> | |
| <code>vvvthick</code> | thickest |
| <i>size</i> | any size you want |

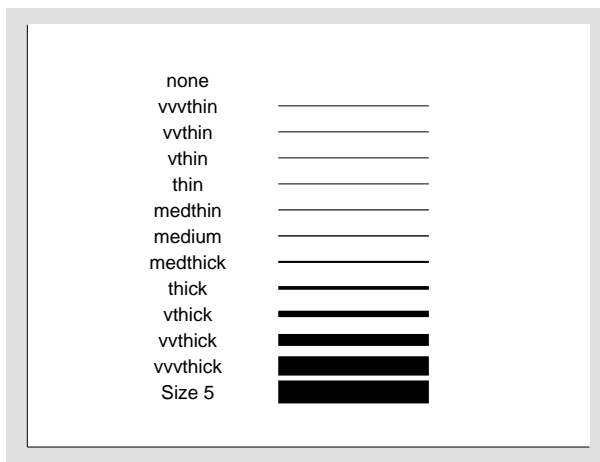
Other *linewidthstyles* may be available; type

```
. graph query linewidthstyle
```

to obtain the full list installed on your computer.

Remarks and examples

The graph below displays the different choices for the thickness of lines:



If you specify the line width as none, the line will vanish.

Also see

[G-4] **Concept: lines** — Using lines

[G-4] *colorstyle* — Choices for color

[G-4] *connectstyle* — Choices for how points are connected

[G-4] *linealignmentstyle* — Choices for whether outlines are inside, outside, or centered

[G-4] *linepatternstyle* — Choices for whether lines are solid, dashed, etc.

[G-4] *linestyle* — Choices for overall look of lines

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