

*linewidthstyle* — Choices for thickness of lines[Description](#)[Syntax](#)[Remarks and examples](#)[Also see](#)

## 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>vvthin</code>	thinnest
<code>vthin</code>	
<code>thin</code>	
<code>medthin</code>	
<code>medium</code>	
<code>medthick</code>	
<code>thick</code>	
<code>vthick</code>	
<code>vvthick</code>	thickest
<code>relativesize</code>	any size you want

See [G-4] **relativesize**.

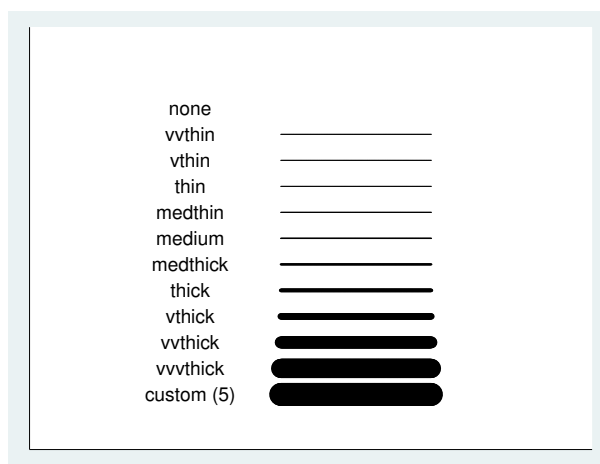
Other *linewidthstyles* may be available; type

```
. 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