... GRID THICKNESS

PURPOSE
Specifies the thickness of the grid lines on subsequent plots.

DESCRIPTION
The analyst can independently control the thickness of the horizontal and vertical grid lines by specifying the prefix in the command. The thickness is specified in vertical DATAPLOT 0 to 100 units and typically has a value between 0.05 and 0.3.

SYNTAX
<pre>GRID THICKNESS <thickness>
</pre>
where <prefix> is as follows:
- no prefix refers to both grid lines;
- the prefix X refers to vertical grids;
- the prefix Y refers to horizontal grids;
and <thickness> is a number or parameter that specifies the desired line thickness.

EXAMPLES
GRID THICKNESS 0.1
GRID THICKNESS 0.2
XGRID THICKNESS 0.2
YGRID THICKNESS 0.1

NOTE
The GRID THICKNESS command with no arguments reverts the grid thickness to default.

DEFAULT
The default is 0.1 (but the default is for the grid lines themselves to be off.)

SYNONYMS
None

RELATED COMMANDS
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<tr>
<th>Command</th>
<th>Description</th>
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<tbody>
<tr>
<td>GRID</td>
<td>Sets the on/off switch for the plot grid.</td>
</tr>
<tr>
<td>GRID COLOR</td>
<td>Sets the color for the plot grid.</td>
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<tr>
<td>GRID PATTERN</td>
<td>Sets the line type for the plot grid.</td>
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<tr>
<td>GMINOR</td>
<td>Sets the on/off switch for the plot minor grid.</td>
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<tr>
<td>PLOT</td>
<td>Generates a data or function plot.</td>
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<tr>
<td>FRAME THICKNESS</td>
<td>Sets the thickness for the plot frame.</td>
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<tr>
<td>TITLE THICKNESS</td>
<td>Sets the thicknesses for the plot title.</td>
</tr>
<tr>
<td>LABEL THICKNESS</td>
<td>Sets the thicknesses for the plot labels.</td>
</tr>
<tr>
<td>LEGEND THICKNESS</td>
<td>Sets the thicknesses for the plot legends.</td>
</tr>
</tbody>
</table>

APPLICATIONS
Presentation Graphics

IMPLEMENTATION DATE
Pre-1987
PROGRAM

LET LEAD = DATA ...  
  164 426 59 98 312 263 607 497 213 54 160 262 547 325 419 94 70
LET POT = DATA ...  
  106 175 61 79 94 121 424 328 107 218 140 179 246 231 245 339 99

TITLE DEMONSTRATE GRID THICKNESS COMMAND
TITLE SIZE 5
GRID ON
XGRID THICKNESS 0.3
YGRID THICKNESS 0.1
X1LABEL LEAD
Y1LABEL POTASSIUM
CHARACTER CIRCLE
CHARACTER SIZE 1.5
LINE BLANK ALL
PLOT POT VS LEAD