


# JLG-Hatching 2.0 (January 2018)



Draw hatching with Illustrator.



## Creating hatching.

To create hatching, first, select the JLG-Hatchings tool, then click the outline of a polygon or a Bezier curve.

If the cursor is not over a polygon or a Bezier curve, the cursor is .

If the cursor is near the outline of a polygon the cursor becomes , if it is near a Bezier curve, it becomes . In the latter two cases, you can click to obtain hatching. By default, Hatching 1 is used.

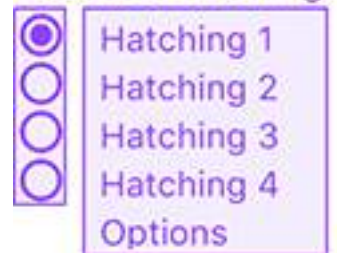
To use another hatching, you have to click with the ALT key down to get

Choice of hatching:



or


Choice of hatching:




JLG-Hatchings is in demo mode.

JLG-Hatchings is registered.

## Using the radio buttons.

 The radio buttons allow you to quickly choose one of the four hatches. By default, hatch 1 is used.

 For example, with this setting, hatch 3 will be used.

To change the hatching, click with the ALT key down to display the settings and click on one of the four radio buttons.

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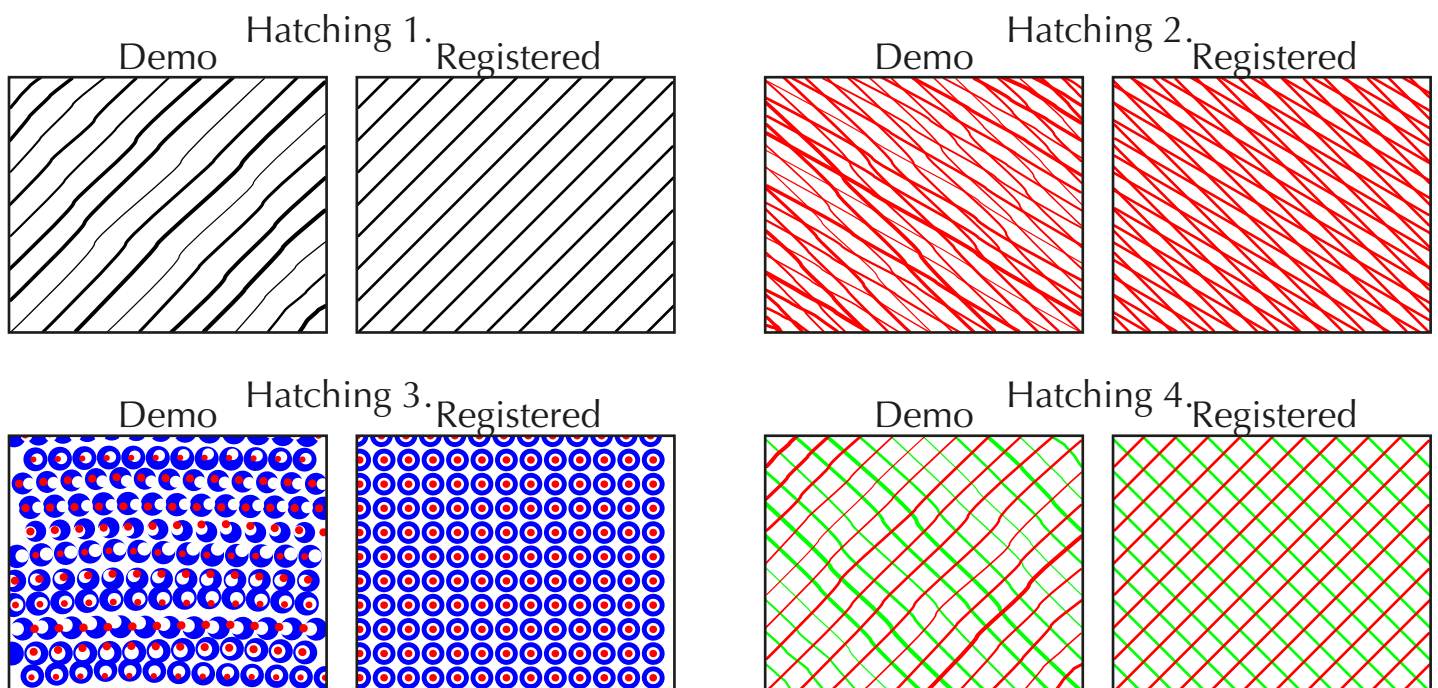


## Creating hatching.

When JLG-Hatching is in demo mode, the paths are distorted and the degree of disturbance is not modifiable.

When JLG-Hatching is registered, the degree of disturbance of the paths can be changed.

A disturbance of 0 % corresponds to a straight line, it is the value that is used by default when JLG-Hatching is registered.



## Editing a hatch.

To change the characteristics of a hatch, click with the ALT key down to make the settings appear, then click Hatching 1, Hatching 2, Hatching 3 or Hatching 4.



Example, here we will change the second hatch.

Modifications of hatching 2.

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## Creating hatching.

### Editing a hatch.

To change the characteristics of a hatch, click with the ALT key down to make the settings appear, then click Hatching 1, Hatching 2, Hatching 3 or Hatching 4.

Parameters of hatching 2 :

To choose the path to modify.

+ and - to modify the gap of the first hatch.

+ and - to modify the interval between the paths.

+ and - to modify the disruption of the paths.

Enable or disable the dotted lines.

To modify the color of the paths.

A hatch may have up to 4 paths. + and - to modify the number of paths.

+ and - to modify the thickness of the paths.

+ and - to modify the angle of the paths (from -90 ° to 90 °).

To display the example.

### **Thickness.**

At each click on + or -, the thickness varies from 0.1 to 0.1.

With the SHIFT key down, at each click, the thickness varies from 1 to 1.

With the ALT key down, at each click, the thickness varies from 0.01 to 0.01.

### **Interval.**

At each click on + or -, the interval varies from 0.1 to 0.1.

With the SHIFT key down, at each click, the interval varies from 1 to 1.

With the ALT key down, at each click, the interval varies from 0.01 to 0.01.

### **Angle.**

The angle of the path can vary from -90 ° to 90 °.

At each click on + or -, the angle varies from 1 ° to 1 °.

With the SHIFT key down, at each click, the angle varies from 5 ° to 5 °.

With the ALT key down, at each click, the angle varies from 0.1 ° to 0.1 °.

### **Disruption.**

The degree of disruption of the path can vary from 0 % to 100 %.

At each click on + or -, the degree of disruption varies from 1 % to 1 %.

With the SHIFT key down, at each click, the disruption varies from 10 % to 10 %.

3 With the ALT key down, at each click, the disruption varies from 5 % to 5 %.

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## Creating hatching.

### Editing a hatch (dotted lines).

To change the characteristics of a hatch, click with the ALT key down to make the settings appear, then click Hatching 1, Hatching 2, Hatching 3 or Hatching 4.

### Parameters of hatching 2 :

Number = 2

1 2 3 4

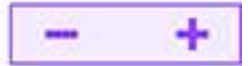
Gap = 0 mm

Dotted line

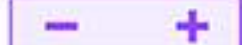
Dash = 2 mm

Space = 2 mm

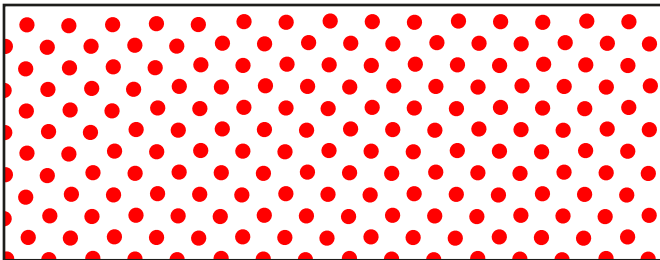
Round cap



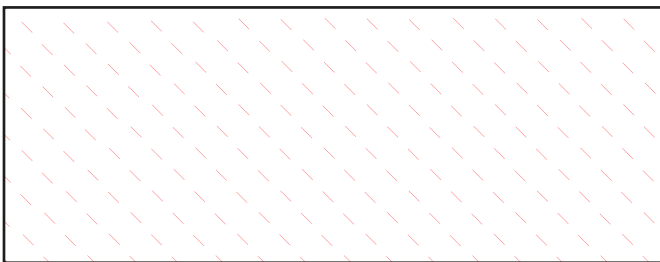
Example



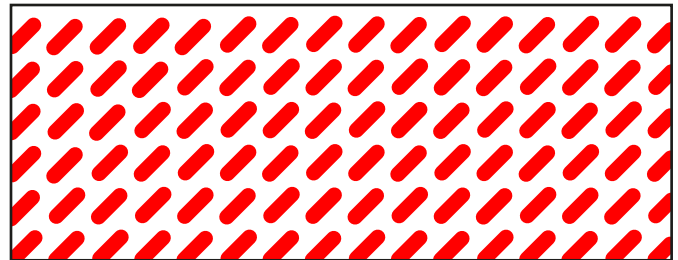
Thickness=2mm, dash=0mm,  
space=4mm and round cap.



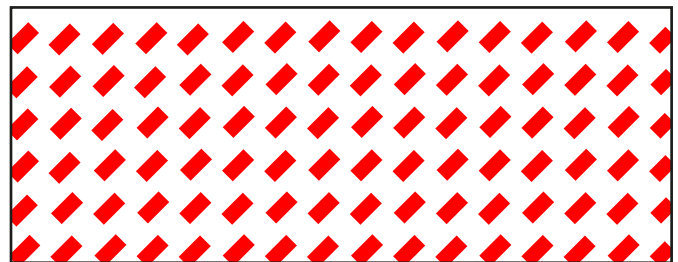
Thickness=2mm, dash=0mm,  
space=4mm and butt cap.



Thickness=2mm, dash=4mm,  
space=4mm and round cap.



Thickness=2mm, dash=4mm,  
space=4mm and butt cap.



### Dash

At each click on + or -, the dash varies from 0.1 to 0.1.

With the SHIFT key down, at each click, the dash varies from 1 to 1.

With the ALT key down, at each click, the dash varies from 0.01 to 0.01.

### Space

At each click on + or -, the space varies from 0.1 to 0.1.

With the SHIFT key down, at each click, the space varies from 1 to 1.

With the ALT key down, at each click, the space varies from 0.01 to 0.01.

### Round cap

4 When the box is unchecked, you get butt caps.

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## Creating hatching.

### Editing a hatch (colors).

To change the characteristics of a hatch, click with the ALT key down to make the settings appear, then click Hatching 1, Hatching 2, Hatching 3 or Hatching 4.

If you click on the colored case, you display the color picker..

You can choose a RGB color, a CMYK color, a process color or a spot color.

### Parameters of hatching 2 :

Number = 2

Gap = 0 mm

Thickness = 1 mm

Interval = 2 mm

Angle = -45 °

Disruption = 20 %

Color

Dotted line  Example

A rectangular area filled with yellow diagonal hatching lines.

### Color Picker

Select Color:

A screenshot of the Adobe Illustrator Color Picker dialog. It features a large color field on the left, a vertical hue slider in the middle, and a color swatch on the right. Below the swatch are input fields for color models: HSB (H: 45°, S: 82%, B: 92%), RGB (R: 235, G: 190, B: 41), and CMYK (C: 9%, M: 24%, Y: 98%, K: 0%). The hex code #EBBE29 is displayed at the bottom. Buttons for 'OK', 'Cancel', and 'Color Swatches' are on the right. An 'Only Web Colors' checkbox is at the bottom left.

Only Web Colors

OK  
Cancel  
Color Swatches

H: 45°  
S: 82%  
B: 92%

R: 235 C: 9%  
G: 190 M: 24%  
B: 41 Y: 98%

# EBBE29 K: 0%

# JLG-Hatching 2.0 (January 2018)

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## Creating hatching.

Editing a hatch (example).

When the box is checked, a rectangle that shows an example of the hatching is drawn.

In the example rectangle, only the current path being edited or all the paths of this hatch (when there are several) can be displayed.

Clicking on the check box with the SHIFT key down allows you to switch from one path to all the paths.

Parameters of hatching 4 :

Number =	2	<input type="text" value="--"/>	<input type="text" value="+"/>
	<input type="text" value="1"/> <input type="text" value="2"/> <input type="text" value="3"/> <input type="text" value="4"/>		
Gap =	0 mm	<input type="text" value="--"/>	<input type="text" value="+"/>
Thickness =	1 mm	<input type="text" value="--"/>	<input type="text" value="+"/>
Interval =	3 mm	<input type="text" value="--"/>	<input type="text" value="+"/>
Angle =	45 °	<input type="text" value="--"/>	<input type="text" value="+"/>
Disruption =	20 %	<input type="text" value="--"/>	<input type="text" value="+"/>
Color	<input type="color" value="#FF0000"/>		
	<input type="checkbox"/> Dotted line	<input type="checkbox"/> Example	

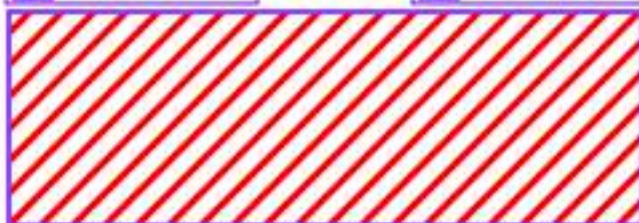
The example is not displayed.

Only the second path is displayed.

The 2 paths are displayed in the example.

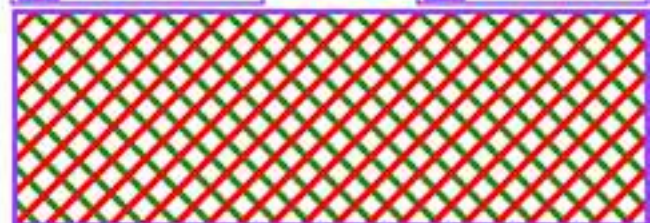
Parameters of hatching 4 :

Number =	2	<input type="text" value="--"/>	<input type="text" value="+"/>
	<input type="text" value="1"/> <input type="text" value="2"/> <input type="text" value="3"/> <input type="text" value="4"/>		
Gap =	0 mm	<input type="text" value="--"/>	<input type="text" value="+"/>
Thickness =	1 mm	<input type="text" value="--"/>	<input type="text" value="+"/>
Interval =	3 mm	<input type="text" value="--"/>	<input type="text" value="+"/>
Angle =	45 °	<input type="text" value="--"/>	<input type="text" value="+"/>
Disruption =	20 %	<input type="text" value="--"/>	<input type="text" value="+"/>
Color	<input type="color" value="#FF0000"/>		
	<input type="checkbox"/> Dotted line	<input checked="" type="checkbox"/> Example	



Parameters of hatching 4 :

Number =	2	<input type="text" value="--"/>	<input type="text" value="+"/>
	<input type="text" value="1"/> <input type="text" value="2"/> <input type="text" value="3"/> <input type="text" value="4"/>		
Gap =	0 mm	<input type="text" value="--"/>	<input type="text" value="+"/>
Thickness =	1 mm	<input type="text" value="--"/>	<input type="text" value="+"/>
Interval =	3 mm	<input type="text" value="--"/>	<input type="text" value="+"/>
Angle =	45 °	<input type="text" value="--"/>	<input type="text" value="+"/>
Disruption =	20 %	<input type="text" value="--"/>	<input type="text" value="+"/>
Color	<input type="color" value="#FF0000"/>		
	<input type="checkbox"/> Dotted line	<input checked="" type="checkbox"/> Example	



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## Création de hachures.

### Options.

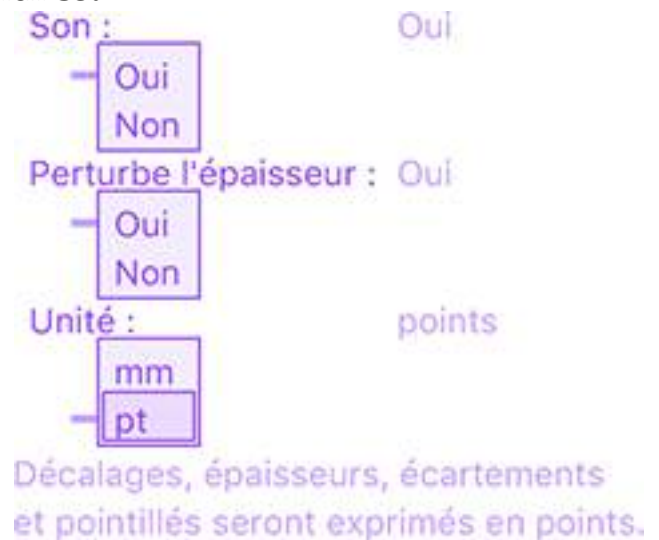
To change the characteristics of a hatch, click with the ALT key down to make the settings appear, then click Options.

### Sound.

On Mac, you can select the presence or absence of sound.

Each time you click on a path, a short sound is emitted.

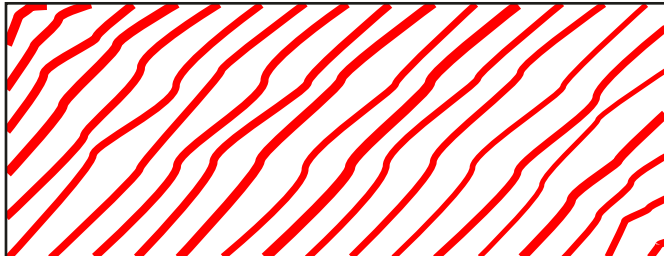
This choice does not exist in the Windows version.



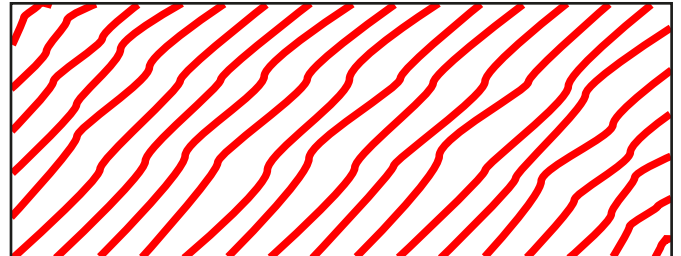
### Disrupt the thickness.

Disruption of the lines affects the shape of the paths and can also affect the thickness of the paths.

Disruption=40% and thickness disrupted.



Disruption=40%, thickness not disrupted.

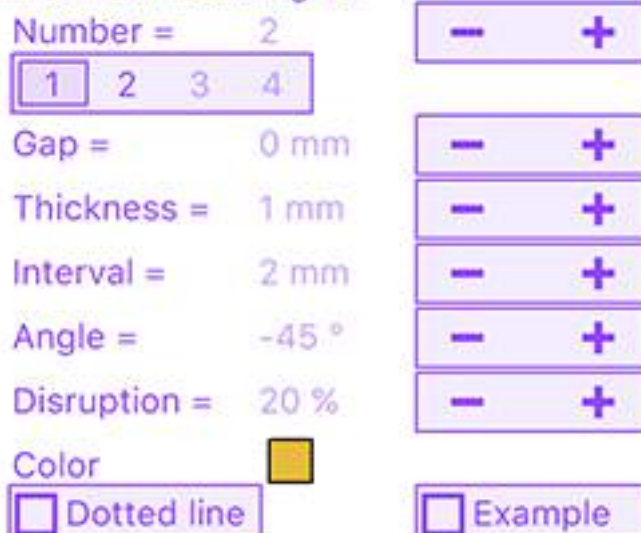


### Unit.

Gap, thickness, interval, dash and space can be measured in mm or in points.

Millimeter is the unit.

Parameters of hatching 2 :



Point is the unit.

Parameters of hatching 2 :



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## Registering JLG-Hatching.

To remove the restrictions of the demo version (the paths are distorted and the parameters are not saved), you need to send your user name to [jl Garrivet@orange.fr](mailto:jl Garrivet@orange.fr).

The user name is shown on the right side of the Registration parameter (in red) at the end of the parameters list. In my case, it is Jean-Louis Garrivet.

This red line is no longer displayed after you have registered your version.



To find this name, you can also use the menu Help/System info...

In the dialog that appears, scroll to see User Name:

**THIS USER NAME CANNOT BE CHANGED.**



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## Registering JLG-Hatching.

When you sent me your username, you received a serial number in the format xxxx-xxx-xxxx.

Select the Registration parameter (bottom of the list and red) and enter your serial number using the small keyboard.

< to delete the last character.

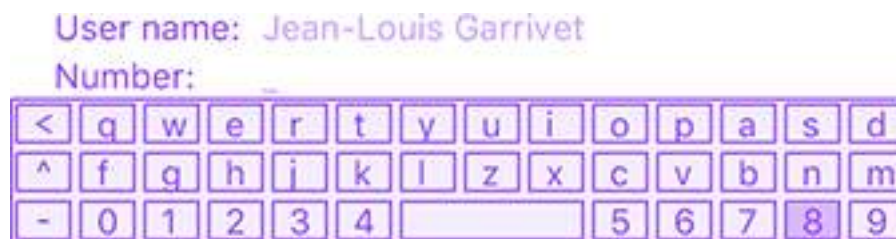
^ to switch from lowercase to uppercase.

When you click outside the keyboard, a dialog will inform you that the full version is available.

Immediately, you'll see that the paths are no more distorted.

If you wish it, you could distort them as you like.

The settings for Hatchings 1, Hatchings 2, Hatchings 3, Hatchings 4 and Options will be automatically saved.



END