

Generate the **CAD** files required to **build a keyboard** with any layout...

Order from lasergist

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CAD Details

CAD Output

Donate

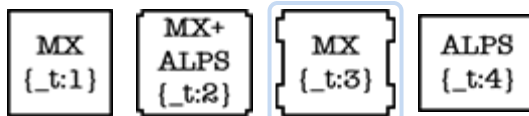
Plate Layout (<http://builder-docs.swillkb.com/features/#plate-layout>)



- 1 ["G1", "G2", "G3", "G4", "G5", "G6", "G7"],
- 2 ["G8", "G9", "G10", "G11", "G12", "G13", "G14"],
- 3 [{x:0.75,w:1.25}, "G15", "G16", "G17", "G18", {w:1.25}, "G19"],
- 4 [{x:1,w:2}, "G20", "G21", {w:2}, "G22"]

Paste in the 'Raw Data' for your KLE (<http://www.keyboard-layout-editor.com/>) layout. Click the on the left for advanced features.

Switch Type (<http://builder-docs.swillkb.com/features/#switch-type>)



Stabilizer Type (<http://builder-docs.swillkb.com/features/#stabilizer-type>)



Cherry + Costar {_s:1}



Case Type (<http://builder-docs.swillkb.com/features/#case-type>)



None



Edge Padding (<http://builder-docs.swillkb.com/features/#edge-padding>)



ON

3.5

7.25

7.25

3.15

Plate Corners (<http://builder-docs.swillkb.com/features/#plate-corners>)

OFF

Custom Polygons (<http://builder-docs.swillkb.com/features/#custom-polygons>)

ON

Switch Layer
Open Layer
Closed Layer
Top Layer
Bottom Layer

Cut Polygon ▾

Circle ▾

Add

Customize layers by adding or removing polygons. Here are some convenience coordinates.

Center: [0,0], Top Left: [-x,-y], Top Right: [-x,y], 3mm in from Top Left: [-x+3,-y+3], Or an expression: [(x-6)/2,-y], etc...

Switch Layer
Open Layer
Closed Layer
Top Layer
Bottom Layer

Cut Polygon ▾

Custom Polygon ▾

Index: 0

Remove

[0,0]

[x,y];[x,y-40];[x-23,y]

Switch Layer
Open Layer
Closed Layer
Top Layer
Bottom Layer

Cut Polygon ▾

Custom Polygon ▾

Index: 1

Remove

[0,0]

[-x,y];[-x, y-40];[-x+23,y]

Switch Layer	Cut Polygon	Circle	Index: 2	Remove
Open Layer	3	[0,0]		
Closed Layer	[-x+4,-y+4];[x-4,-y+4];[-x+19,-y+67];[x-19, -y+67]			
Top Layer				
Bottom Layer				

Kerf (<http://builder-docs.swillkb.com/features/#kerf>)☒ ON

0.15

Kerf is currently set to the optimal size for LaserGist

Key Unit Size (<http://builder-docs.swillkb.com/features/#key-unit>)☐ OFF**Line Color** (<http://builder-docs.swillkb.com/features/#line-color>)☐ OFF**Line Weight** (<http://builder-docs.swillkb.com/features/#line-weight>)☐ OFF[Draw My CAD!!!](#)

I want to give a big shout-out to Big Blue Saw (<https://www.bigbluesaw.com/>). They have adapted their waterjet cutting (<https://www.bigbluesaw.com/faqs/parts/how-does-waterjet-cutting-work.html>) service to best fit our needs.

Built with ♥ by swill (<http://swillkb.com>)