

Button Toppers for Joy-Con

3D PRINTING GUIDE

3D Printing Summary

Metrics	Regular Toppers	Shorter Y Topper
Total Print Time (min)	24	23
Total Number of Components	4	4
Typical Total Mass (g)	4	4
Typical Number of Print Setups	1	1

3D Printing Settings

Regular Toppers

Print File Name	Qty	Total Print Time (hr:min)	Mass (g)	Infill (%)	Support (Y/N)	Layer Height/ Nozzle Diameter(mm)	Notes
Switch button topper - A	1	0:06	1	20	Y	0.2/0.4	
Switch button topper - B	1	0:06	1	20	Y	0.2/0.4	
Switch button topper - X	1	0:06	1	20	Y	0.2/0.4	
Switch button topper - Y	1	0:06	1	20	Y	0.2/0.4	

Shorter Y Topper

Print File Name	Qty	Total Print Time (hr:min)	Mass (g)	Infill (%)	Support (Y/N)	Layer Height/ Nozzle Diameter(mm)	Notes
Switch button topper - A	1	0:06	1	20	Y	0.2/0.4	
Switch button topper - B	1	0:06	1	20	Y	0.2/0.4	
Switch button topper - X	1	0:06	1	20	Y	0.2/0.4	
Switch button topper – Y - smaller	1	0:05	1	20	Y	0.2/0.4	

Print File Name	Qty	Total Print Time (hr:min)	Mass (g)	Infill (%)	Support(Y/N)	Layer Height/ Nozzle Diameter(mm)	Notes
Switch button topper	1	0:04	1	20	Y	0.2/0.4	

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Customization Options

- The toppers can be printed in any colour.
- There are two options for the Y topper. One matches the size of the rest of the toppers, while the other is slightly shorter so that the Joy-Cons can be attached to the Switch while it is in the dock.
- A STEP file of a blank topper is included so custom toppers can be designed.

Post-Processing

- Remove all supports
- Use a hobby knife to trim any sharp edges

Examples of Quality Prints

Photo of Switch button topper - A



Photo of Switch button topper – B

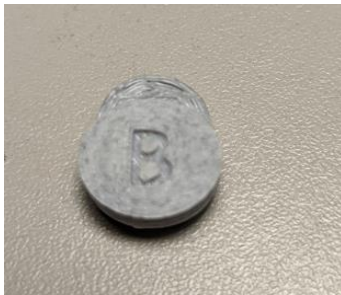


Photo of Switch button topper – X



Photo of Switch button topper – Y



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Files available at <https://makersmakingchange.com/projects/button-toppers-joy-con>

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Photo of Switch button topper – Y – smaller



Photo of Switch button topper

