



## M6x20 button head Phillips bolt



FishGee

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### Summary

I used this to build the Digital Sundial <http://www.thingiverse.com/thing:1068443> Customized version of...

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Tags: [customized](#)

I used this to build the Digital Sundial <http://www.thingiverse.com/thing:1068443>

Customized version of <http://www.thingiverse.com/thing:193647>

Created with Customizer! [http://www.thingiverse.com/apps/customizer/run?thing\\_id=193647](http://www.thingiverse.com/apps/customizer/run?thing_id=193647)

### Print Settings

#### Printer Brand:

Printrbot

#### Printer:

Printrbot Plus

**Rafts:**

No

**Supports:**

No

**Resolution:**

.2mm

**Infill:**

100%

**Notes:**

Use a brim because the point of contact with the bed is minimal. I used 8 lines.

**Instructions**

Using the following options:

head\_type = button

nut\_resolution = 0.5

thread\_step = 2

step\_shape\_degrees = 45

nut\_thread\_outer\_diameter = 9

slot\_depth = 2

type = bolt

drive\_type = phillips

head\_diameter = 10

outer\_diameter = 14

nut\_type = normal

slot\_width = 1

thickness = 2

nut\_diameter = 12

resolution = 0.5  
drive\_diameter = 5  
nut\_step\_shape\_degrees = 45  
texture = exclude  
inner\_diameter = 8  
facets = 6  
non\_thread\_diameter = 0  
nut\_thread\_step = 2  
countersink = 2  
wing\_ratio = 1  
nut\_height = 6  
non\_thread\_length = 0  
head\_height = 5  
thread\_outer\_diameter = 6  
thread\_length = 20  
Category: Parts

## Model files



**nut\_job\_20151122-25864-156tgu7-0.stl**



**nut\_for\_m6-20\_bolt.stl**

[Find source .stl files on Thingiverse.com](https://www.thingiverse.com/thing:20151122-25864-156tgu7-0)

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