



Tightener Knob for Square Jellyfish Tripod Mount



astrophage

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Summary

This is a replacement tightener knob for Mini Tablet Tripod Mount by Square Jellyfish.



0.08 hrs



2 pcs



0.40 mm



0.60 mm



PLA



1 g



Prusa MINI /
MINI+

[Gadgets](#) > [Photo & Video](#)

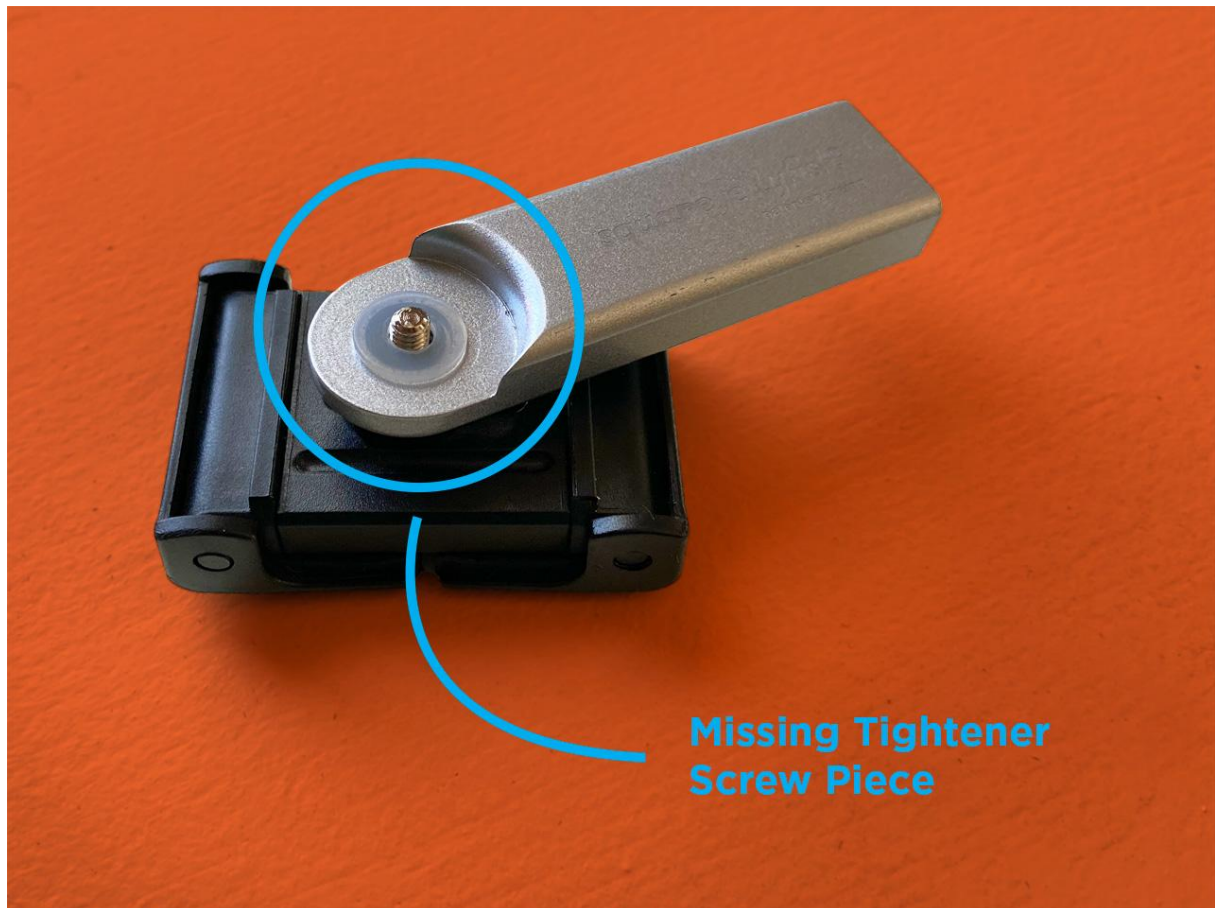
Tags: [jellyfish](#) [knob](#) [mount](#) [screw](#) [tablet](#) [tripod](#)
[squarejellyfish](#) [onshape](#) [onshapecad](#) [parametric](#)
[parametricdesign](#)

10.10.22 Update: Added a second version where the nut is inserted to the print part way. This avoids any gluing and results in a clear print. It also has chamfered edges to make tightening less painful.

I have used the [Mini Tablet Tripod Mount](#) from [Square Jellyfish](#) for several years and been really happy with it. Last week after a camping trip, I lost the screw knob that tightens the mount (see image below).

Went to Home Depot and picked up a couple M4-0.7mm Hex Nut for \$2 and modeled a new parametric knob in **OnShape** based on my memory and reference pictures I found online. A small dollup of super glue to secure the nut and I'm back in business.

WARNING: If using glue, make sure to use a small amount of super glue otherwise you risk getting it in the threads of the hex nut.



Print Settings	
Printer	Prusa Mini+
Brim	No
Supports	No
Nozzle	0.6mm Brass
Resolution	0.40mm DRAFT
Infill	100%
Perimeters	3 (for added strength)
Filament	Inland 1.75mm Red PLA+

Assembly: Materials & Tools		
Hex Nut	\$2	M4 - 0.7 Stainless Steel Metric Hex Nut (2 per Pack)
Super Glue	\$6	Gorilla Super Glue Gel

Model files



v2-tightener-knob-for-square-jellyfish-tripod-mount.stl

☐ This is the newer version that includes the print-in-place nut and chamfered edges



v2-tightener-knob-for-square-jellyfish-tripod-mount.step

☐ This is the newer version that includes the print-in-place nut and chamfered edges



v1-tightener-knob-for-square-jellyfish-tripod-mount.stl



v1-tightener-knob-for-square-jellyfish-tripod-mount.step



tightener-knob-for-square-jellyfish-tripod-mount.3mf

Print files



v2-tightener-knob-for-square-jellyfish-tripod-mount... .gcode

⚙️ PLA ⚙️ 0.60 mm ⚙️ 0.40 mm ⌚ 0.08 hrs ⚖️ 1 g 🖨️ Prusa MINI / MINI+



v1-tightener-knob-for-square-jellyfish-tripod-mount... .gcode

🌐 PLA 🌀 0.60 mm ≡ 0.40 mm ⌚ 0.07 hrs ⚖️ 1 g 🖨️ Prusa MINI / MINI+

[Find source .stl files on Thingiverse.com](#)

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