



Knob thumb Screw M2-M3-M4-M5-M6 socket

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Summary

A set of knobs for M2-M3-M4-M5-M6 hex bolts. Useful foas a small tool to insert or hand tighten the bolts



0.60 hrs



1 pcs



0.20 mm



0.40 mm



PLA



4 g



Creality
Ender 3 S1
Pro

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Tags: [tool](#) [knobs](#)

I liked the original design made by [edmar](#), but required the hex section to protrude from the surface. Storing the knobs together with the bolts, removes the need to track down suitable bits / allen keys when you need it. Depending on yor use case, you may still need to find one to properly tighten the bolts.

After a quick adjustment in Fusion 360, made a scaled set for M2, M3, M4, M5 and M6 bolts.

The M2 version is tiny, and may end up as useless. The one I printed do work.

Print details

All models were printed with the same basic settings.

M2 and M3 knobs printed without any height modifier.

M4, M5 and M6 printed with height modifier.

Perimeters: 3

Infill: 20% rectilinear

Top layers: 3, monotonic pattern

Bottom layers: 3, monotonic pattern

M4 Height modifier info

Start height: 9 mm

End height: 11.2 mm

Perimeters: 4

Top layers: 0

M5 Height modifier info

Start height: 12mm

End height: 15 mm

Perimeters: 6

Top layers: 0

M6 Height modifier info

Start height: 15mm

End height: 19 mm

Perimeters: 7

Top layers: 0

This remix is based on



**Knob for M6 socket screw - substitute for butterfly -
The 3D printable Knee Arthrometer**

by edmar

Model files



knob-thumb-screw-m2-socket.stl

☐ No height modifier needed



knob-thumb-screw-m3-socket.stl

☐ No height modifier needed



knob-thumb-screw-m4-socket.stl

☐ Height modifier 9 mm - 11.2 mm, 4 perimeters, 0 top layers



knob-thumb-screw-m5-socket-screw.stl

☐ Height modifier 12 mm - 15 mm, 6 perimeters, 0 top layers



knob-thumb-screw-m6-socket.stl

☐ Height modifier 15 mm - 19 mm, 7 perimeters, 0 top layers

Print files



knob-thumb-screw-m2-m6-socket_pla_35m53s.gcode

PLA 0.40 mm 0.20 mm 0.60 hrs 4 g

☐ Summary, not intended for printing

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