



A Multipurpose Tripod Stand



gillis

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Summary

A tripod stand holder for mobile phone Take photos from a fixed place

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Tags: [video](#) [photos](#)

A tripod stand holder for soldering, mobile phone magnifier when soldering, or digital distance meter, holder for laser et cetera

or ... maybe a way to document your work by attaching a mobile phone/camera and take pictures along the way...

28 mars added stop nuts with wings, see under Accessories

also added 3MF_SwitchPlates and STL_SwitchPlates, Manfrotto and Velbon

Note that the screw to the knob to the switchplates is M4 round head (as the other M4). Don't tighten too much ... you will notice ...

31 mars added JointConnectionFixed for fixed angle in 15 degrees step, see under Accessories (and see images below)

Quite a few parts

First of all

you need this hardware

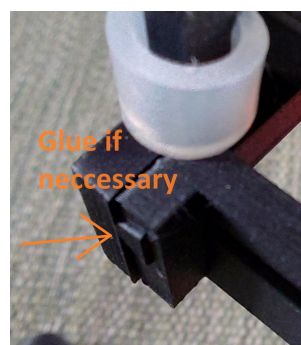
4 screws and nuts M6 x 40 (hexagonal head for the screw)

3 screws and nuts M4 x 25 (round head for the screw and 19 mm should be enough)

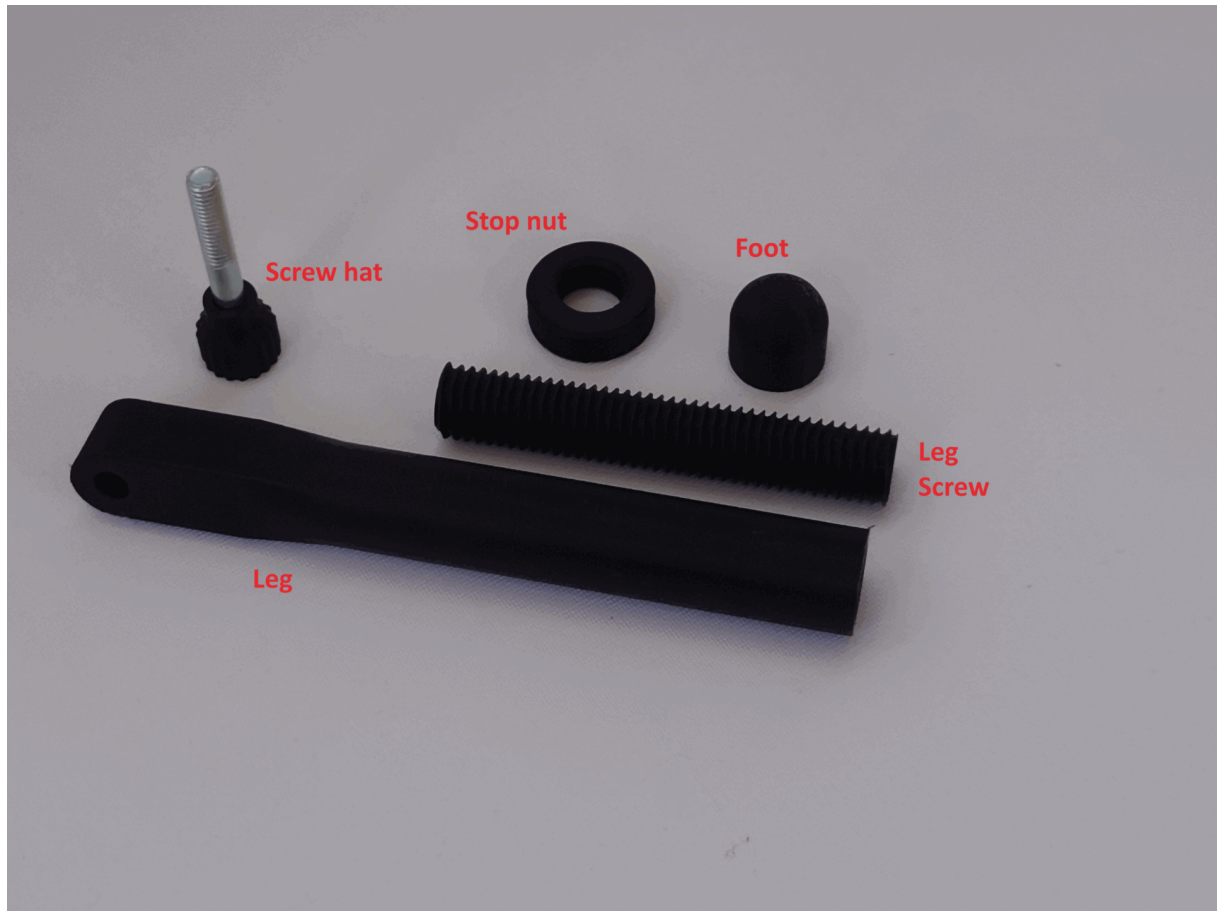


For the soldering item/phone stand I've cut 1 cm of a silicone hose (diameter 12mm outer, 8 mm inner) for each hook (a common beer-maker hose :-))

Glue if neccessary (the phone stand)



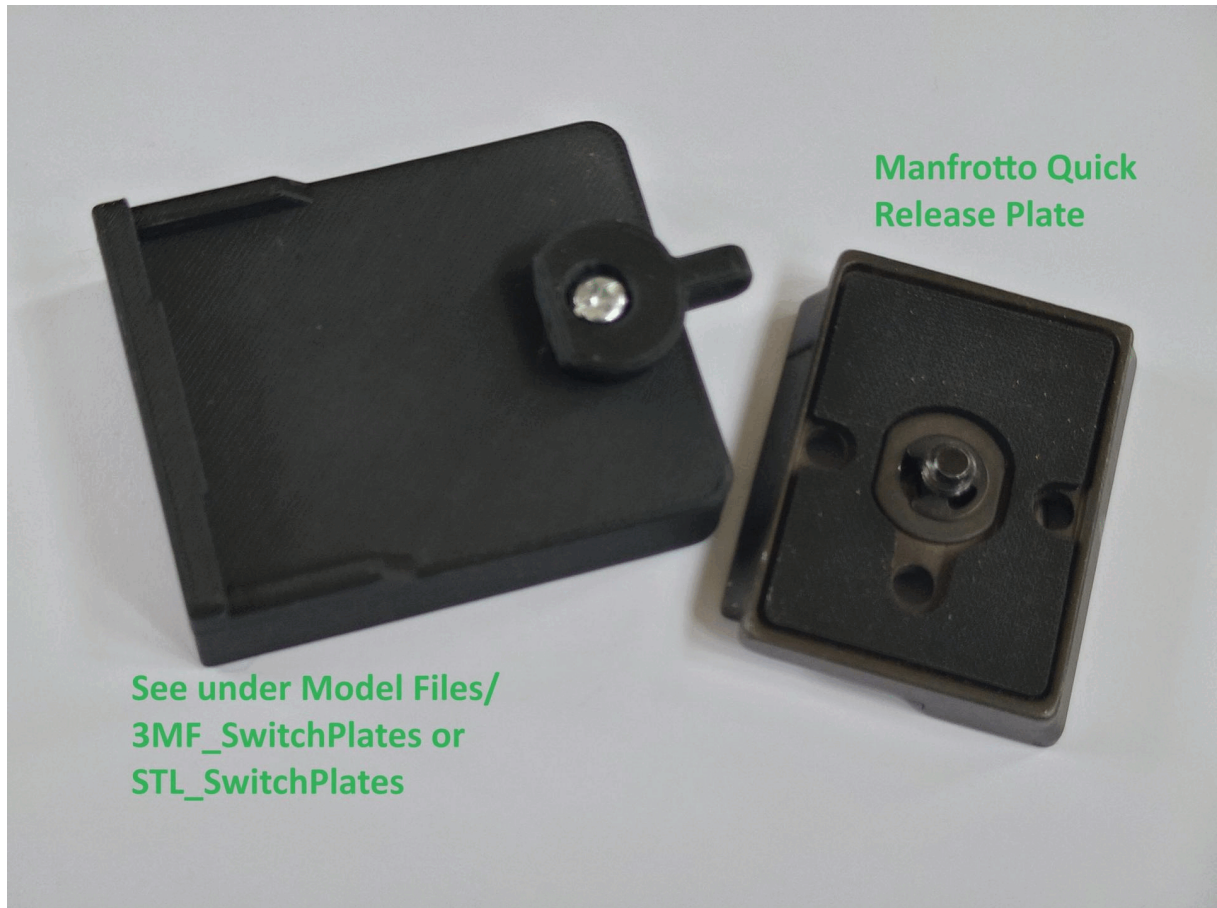
Leg



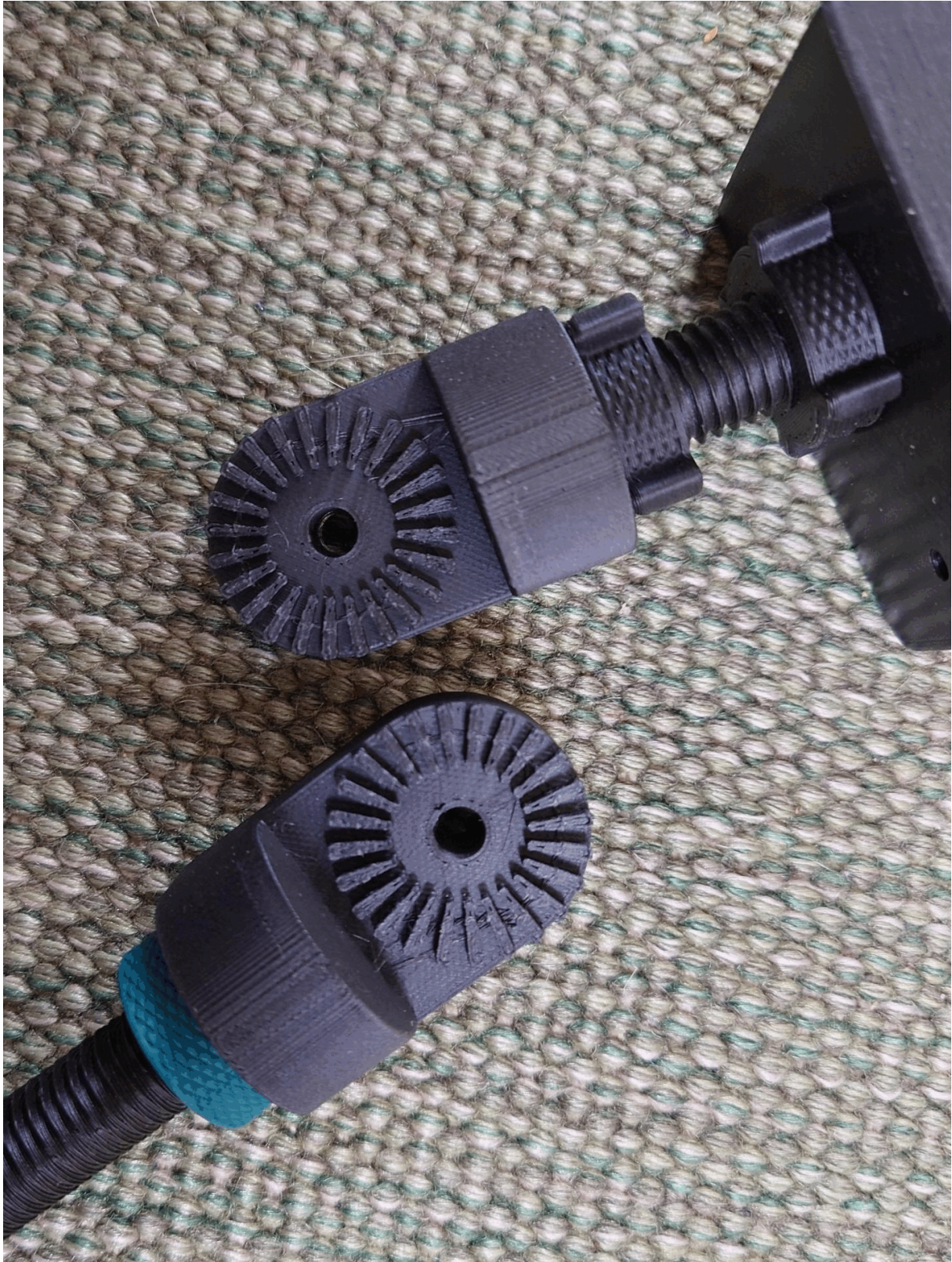
Body and Phoneholder



SwitchPlate



JointConnectionFixed



Other photos

Accessories





**The Tripod Stand used when
taken all the photos!**

Feel free

<https://www.paypal.com/paypalme/gillislindstrom>

Model files



3MF_SwitchPlates

3 files



deviceholderscrew_50mm.3mf



deviceholderswitchplate_manfrotto.3mf

☐ including knob, use M4 screw with round head



deviceholderswitchplate_velbon.3mf

☐ including knob, use M4 screw with round head (Velbon)

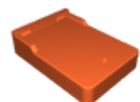


STL_SwitchPlates

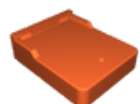
4 files



deviceholderscrew_50mm.stl



deviceholderswitchplate_velbon.stl



deviceholderswitchplate_manfrotto.stl



deviceholderswitchplateknob.stl

☐ Use M4 screw with round head



3MF_COMPLETE

2 files



standtripod_complete.3mf

☐ Complete, just a collection, dont'print this instead use the individual files below



phoneholder_complete.3mf

☐ Complete, just a collection, dont'print this instead use the individual files below



3MF_Tripod_Stand

8 files



standtripodbody.3mf

☐ One



standtripodbodyscrewcap_m6.3mf

☐ Three



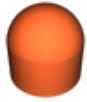
standtripodscrew_80mm.3mf

☐ Four



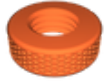
standtripodleg.3mf

☐ Three



standtripodfoot.3mf

☐ Three



standtripodstopnut_c.3mf

☐ Five



standtripodjointconnectionupperlarge.3mf

☐ One



standtripodjointconnectionlowerlarge.3mf

☐ One



3MF_Tripod_Stand_Accessories

14 files



standtripodjointconnectionupper.3mf

☐ One



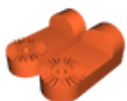
standtripodjointconnectionlower.3mf

☐ One



standtripodjointconnectionfixed.3mf

☐ For fixed angle in 15 degrees step



standtripodjointconnectionjointlongfixed.3mf

☐ For fixed angle in 15 degrees step



standtripodballjoint.3mf



standtripodballjointscrew.3mf



standtripodstopnut_b_4wings.3mf



standtripodstopnut_c_4wings.3mf



standtripodlegextension.3mf



standtripodcconnectorftof.3mf



standtripodextenderconnector.3mf



standtripodscrew_80mm_horz.3mf



standtripodscrew_160mm_horz.3mf



standtripodscrew_160mm.3mf



3MF_PhoneHolder

3 files



phoneholderarms.3mf



phoneholderforscrewm4.3mf



phoneholderattachscrewforjoint.3mf



STL_Tripod_Stand

8 files



standtripodbody.stl

☐ One



standtripodbodyscrewcap_m6.stl

☐ Four



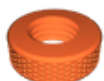
standtripodleg.stl

☐ Three



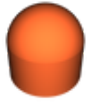
standtripodscrew_80mm.stl

☐ Four



standtripodstopnut_c.stl

☐ Five



standtripodfoot.stl

☐ Three



standtripodjointconnectionupperlarge.stl

☐ One



standtripodjointconnectionlowerlarge.stl

☐ One



STL_Tripod_Stand_Accessories

18 files



standtripodjointconnectionupper.stl

☐ One



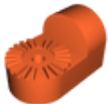
standtripodjointconnectionlower.stl

☐ One



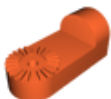
standtripodjointconnectionfixeda.stl

☐ For fixed angle in 15 degrees step

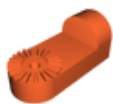


standtripodjointconnectionfixedb.stl

☐ For fixed angle in 15 degrees step



standtripodjointconnectionjointlongfixedb.stl



standtripodjointconnectionjointlongfixeda.stl



standtripodballjoint.stl

☐ One



standtripodballjointscrew.stl

☐ Two



standtripodstopnut_a.stl



standtripodstopnut_b.stl



standtripodstopnut_b_4wings.stl



standtripodstopnut_c_4wings.stl



standtripodlegextension.stl



standtripodscrew_80mm_horz.stl



standtripodscrew_160mm_horz.stl



standtripodscrew_160mm.stl



standtripodextenderconnector.stl

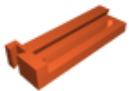


standtripodcconnectorftof.stl

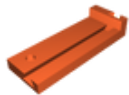


STL_PhoneHolder

8 files



phoneholderarmhorzbottom.stl



phoneholderarmhorztop.stl



phoneholderarmupperleft.stl



phoneholderarmlowerright.stl



phoneholderarmlowerleft.stl



phoneholderarmupperright.stl



phoneholderforscrewm4.stl



phoneholderattachscrewforjoint.stl

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