MOLLE Tube Clamp

Highrise Workshop

VIEW IN BROWSER

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Summary

Attach any cylindrical tool to MOLLE webbing.

Hobby & Makers > Organizers

Tags: pipe tripod tube clamp molle selfiestick

parts required 2x M3 35mm socket head screw (longer for wider wedding)

1x M3 washer (used with one of the screw, to clamp down the string)

approximate 150mm of string

My OnBelt Mk2 Camera Stabilizer didn't fit inside my camera bag; so I made this MOLLE Tube Clamp to attach it on the outside. You can also use this to attach any cylindrical tool (pen, torch, screwdriver, tabletop tripod, selfie stick ...) to your MOLLE webbing.

This clamp is designed to use on my travel bag. I considered using toggle catch, but that will make it easy for thief to open. Also the toggle may accidentally open when knocked. Hopefully, I would be able to come up with a toggle catch design to overcome these two issues.

Made with thicker members to withstand knocks when mounted outside of the bag.

Printing Notes

For wider webbing, scale up the height of arm, top, bottom and the length of the tensions.

If you want to have the tensioner on the other side, you can mount the clamp upside down; or mirror all the pieces in the slicer.

For fine clamp diameter adjustment, you can use one of the looser tensioners. For even finer diameter adjustment, you can scale up the arm in the x and/or y direction.

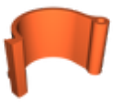
Top.stl may require support, depending on the material used. Printed in Prusament PETG Jungle Green without support

Model files

tensioner.stl

tensioner-looser.stl

tensioner-loosest.stl



arm-o27.stl

top-o27.stl

bottom-o27.stl

arm-o28.stl

top-o28.stl

bottom-o28.stl

arm-o29.stl

top-o29.stl

bottom-o29.stl

arm-o30.stl

top-o30.stl

bottom-o30.stl

arm-o31.stl

top-o31.stl

bottom-o31.stl

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