Printables by JOSEF PRUSA



Self-Orienting Ratcheting Wrench With Push Button!

KrazyKoder22

VIEW IN BROWSER

updated 13. 11. 2024 | published 13. 11. 2024

Summary

Update to the self-orienting ratchet, now features a button instead of a lever.

Hobby & Makers > Tools

Tags: tool wrench fidget socket gadget ratchet socketwrench ratcheting ratchettool ratchetwrench ratchetingwrench

This wrench selects the ratcheting direction based on how you first turn it! Simply push the reset button before or after use to return it to the neutral position.

Based on my previous design that featured a lever instead of a button.

Assembly based on file order on Printables. Video reference

Clearances are mostly 0.15mm, your printer should be able to meet that tolerance.

0.2mm layer height, any infill %. Recommend at least 3 walls, more for the Anvil if you plan to use the wrench functionally.

Model files



case.3mf

❑ Print case opening up



rear-pawl.3mf

❑ Print slotted side down



front-pawl.3mf

❑ Print slotted side down



push1.3mf

❑ Print two, split face down



cap.3mf

❑ Print hole up



pin1.3mf

❑ Print two, split face down



anvil.3mf

❑ Print socket side up



face.3mf

❑ Print flat side down



ring.3mf

❑ Print flatter side down

License



This work is licensed under a
Creative Commons (4.0 International License)

Attribution—Noncommercial—Share Alike

✖ | Sharing without ATTRIBUTION
✔ | Remix Culture allowed
✖ | Commercial Use
✖ | Free Cultural Works
✖ | Meets Open Definition