



Locking Wall Hook Carabiner



Bearic

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Summary

Carabiner type wall mountable latched hook, that is lockable with a screw or a printable lock and key.

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This is a latched carabiner type wall hook that can be used open or closed.

The hinge is NOT print in place, the latch is printed separately, then snapped in place. Depending on your filament, that may require warming up the base of the hinge to soften it, if you are worried it will break.

The “small” latch and body versions have an inner area of 20 mm wide and 30 mm high.

The non-small versions have inner space of 20 mm wide by 50 mm high, where the “light” version body has a thinner open hinge that snaps in easier, but is more fragile, while the thick version has a beefier closed hing that is harder to snap in, but much more resistant to breaking.

The hole at the top allows it to be locked in closed position. The lock pin should drop in to the top holes when the latch is closed; alternatively, an m3 bolt can be screwed into the lock hole.

Model files



lock_pin.stl



locked_latch-small-latch-m5.stl

☐ small



locked_latch-small-main_body-m5.stl



locked_latchv2-latch.stl

☐ Large Snap fit version



locked_latchv2-main_body-light.stl

☐ large snap fit version



key.stl



locked_latch_v3-main_body-thick.stl

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