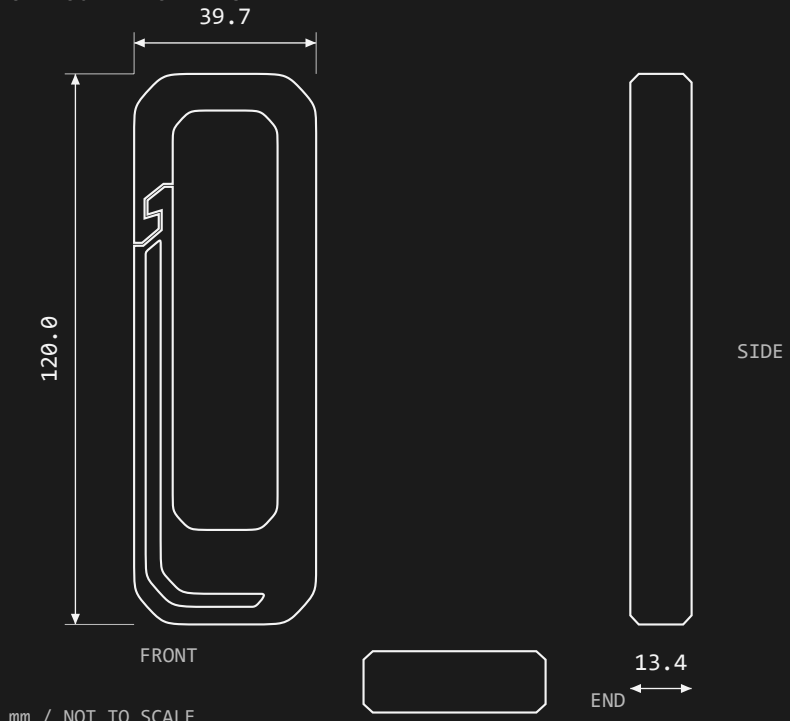
UTILITY GEAR CLIP

Keychain + backpack hook / one-piece utility clip

NOT FOR CLIMBING NO LIFE SUPPORT / NO LIFTING / NO FALL PROTECTION

ORTHOGRAPHIC VIEWS



mm / NOT TO SCALE

3D / FLUO LIME



Original 3MF preview / illustrative colour

120.0 × 39.7 × 13.4 MM

Overall envelope measured from the source STL.

ONE PIECE / NO HARDWARE

Integrated flexible gate. No screws or metal spring.

CHECK THE FIT

Use with keys, small accessories and bag loops.

STL dimensions rounded to 0.1 mm. Projection contours simplified for readability. Printed fit depends on material and calibration.

UTILITY GEAR CLIP

Inspect the print. Open gently. Check the gate before use.

NOT FOR CLIMBING NO LIFE SUPPORT / NO LIFTING / NO FALL PROTECTION

USE / FOUR STEPS

01 INSPECT

Check the body and flexible gate for cracks, poor layer bonding, distortion or sharp edges.

02 OPEN

Press the flexible gate inward gently. Open only as far as needed; do not twist it sideways.

03 ATTACH

Place the clip around a key ring or bag loop. Release the gate and check that the latch seats fully.

04 RECHECK

Check the closure before each use. Replace the clip if it cracks, stays bent or no longer closes properly.

LOAD INFORMATION

75 KG

OWNER-REPORTED TEST

PLA / 3 walls / 20% infill

40 KG

OWNER-PROPOSED LIMIT

Not an independently validated working load limit.

The owner reports testing at 75 kg and proposes 40 kg for use. Test duration, load direction and sample count were not supplied. No safety factor or working load limit has been established.

These figures describe the reported sample and do not guarantee the strength of another print. Use for lightweight accessories only.

PRINT / MATERIAL

Print flat using the selected profile. Published settings: 0.20 mm layers, 3 walls, 40% infill, no supports. PETG is recommended on the model page; PLA is for light-duty use. The reported PLA test used 20% infill.

USE LIMITS

Not for climbing, fall arrest, life support, lifting or overhead loads. Avoid shock loading and using the clip with its gate open. Keep the PLA version away from heat. Reprint if the gate or body is damaged.

Source: original P007 STL + MakerWorld model 2962547 + owner-reported test, 23 Oct 2026.

PRINT PROFILE / PETG

Current MakerWorld profile 3321114 / A1 mini / estimate checked 23 Oct 2026

45 MIN

22 g PETG

One clip. Total profile estimate: 2,657 seconds, rounded up to 45 minutes. This is a slicer estimate, not a timed physical print.

RECORDED PROFILE SETTINGS

Printer: Bambu Lab A1 mini

Nozzle: 0.4 mm

Layer height: 0.20 mm

Wall loops: 3

Infill: 30%

PROFILE DATA + TEST DATA

The public profile title says 40% infill, but its embedded settings report 30%. The time and filament figures above belong to that recorded PETG profile. Re-slice if you change the settings.

The owner-reported load test used PLA, 3 walls and 20% infill. It is a separate configuration and does not validate the strength of this PETG profile. NOT FOR CLIMBING.