BROOM HOLDER / STRONG GRIP

SIZE SELECTION / best-grip handle diameters from the original Component size infographic

XS

Ø15 MM / 0.59 IN



W × D × H / mm

50.2 × 38.1 × 41.6

S

Ø20 MM / 0.79 IN



W × D × H / mm

52.3 × 45.4 × 41.6

M

Ø25 MM / 0.98 IN

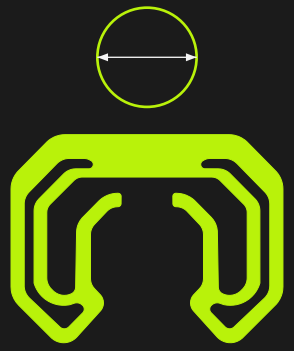


W × D × H / mm

56.4 × 45.3 × 41.6

L

Ø30 MM / 1.18 IN

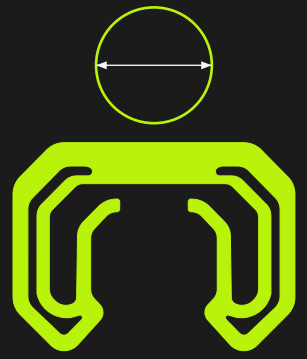


W × D × H / mm

62.2 × 47.6 × 41.6

XL

Ø35 MM / 1.38 IN



W × D × H / mm

68.1 × 50.2 × 41.6

MEASURE. SELECT. CHECK.

Measure the handle where the holder will grip it. Choose the first listed best-grip diameter equal to or larger than your measurement.

22 MM → M

25 mm best-grip target

Selection range: 10-35 mm. At 15 / 20 / 25 / 30 / 35 mm, choose XS / S / M / L / XL respectively. Smaller handles within a size step can feel less firm. Test one print before mounting.

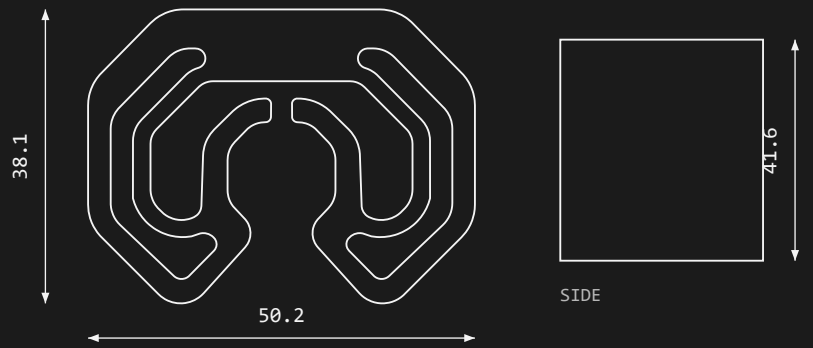
V1: compact body / 1 screw. V2: taller reinforced body / 2 screws.

Grip targets follow the source infographic. Body dimensions are nominal STL bounds, rounded to 0.1 mm.

STRONG GRIP / XS

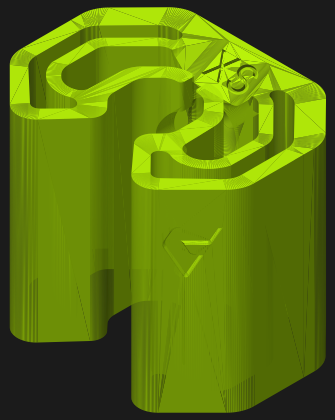
BEST-GRIP HANDLE Ø15 mm / 0.59 in | Width 50.2 × depth 38.1 × height 41.6 mm

TOP + SIDE / mm



Reference projections / not to scale

3D / FLUO LIME



Original STL geometry

HANDLE DIAMETER



Ø15 MM

0.59 IN

Selection: 10-15 mm

PRINT + INSTALL

1 Measure your handle and choose XS using the size guide.

2 Print the supplied PLA or PETG profile at 100% scale.

3 Use 2 screws and anchors suitable for the wall and stored tool. Tighten without crushing the printed body.

4 Push the handle straight into the opening. Check retention; pull straight outward to release.

PRINT ESTIMATES / A1 MINI

0.4 mm nozzle / 0.20 mm / 4 walls / 25% infill

PLA: 96 min / 39 g
PETG: 99 min / 38 g

MakerWorld profile estimates for one holder; rounded up to minutes. Actual time and filament use vary.

Remove brim; inspect arms and test fit before mounting. No load rating is established.

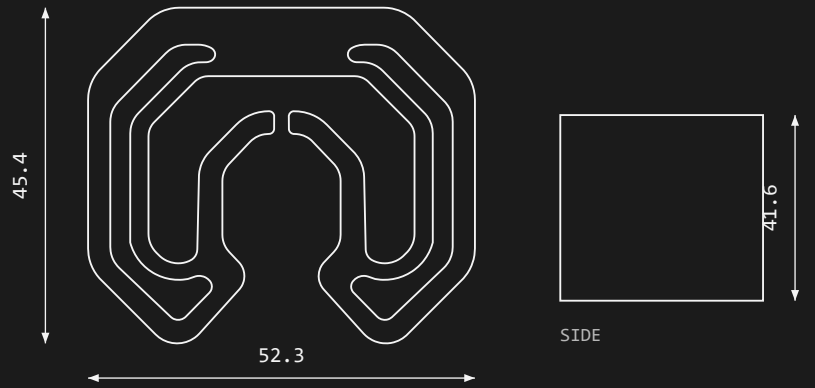
Ø is the best-grip HANDLE target, not the relaxed jaw opening or screw-hole diameter.

Dimensions: original STL bounds, rounded to 0.1 mm. Projection contours simplified for readability.

STRONG GRIP / S

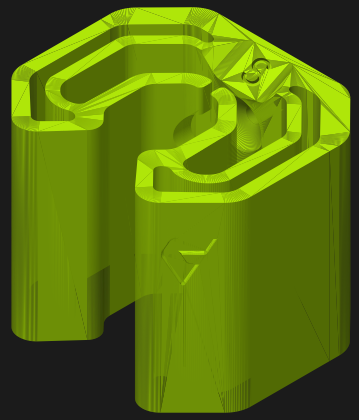
BEST-GRIP HANDLE Ø20 mm / 0.79 in | Width 52.3 × depth 45.4 × height 41.6 mm

TOP + SIDE / mm



Reference projections / not to scale

3D / FLUO LIME



Original STL geometry

HANDLE DIAMETER



Ø20 MM

0.79 IN

Selection: over 15 to 20 mm

PRINT + INSTALL

1 Measure your handle and choose S using the size guide.

2 Print the supplied PLA or PETG profile at 100% scale.

3 Use 2 screws and anchors suitable for the wall and stored tool. Tighten without crushing the printed body.

4 Push the handle straight into the opening. Check retention; pull straight outward to release.

PRINT ESTIMATES / A1 MINI

0.4 mm nozzle / 0.20 mm / 4 walls / 25% infill

PLA: 107 min / 46 g

PETG: 110 min / 44 g

MakerWorld profile estimates for one holder; rounded up to minutes. Actual time and filament use vary.

Remove brim; inspect arms and test fit before mounting. No load rating is established.

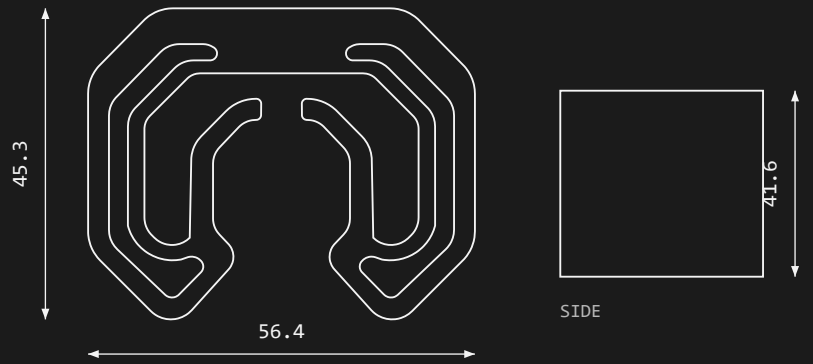
Ø is the best-grip HANDLE target, not the relaxed jaw opening or screw-hole diameter.

Dimensions: original STL bounds, rounded to 0.1 mm. Projection contours simplified for readability.

STRONG GRIP / M

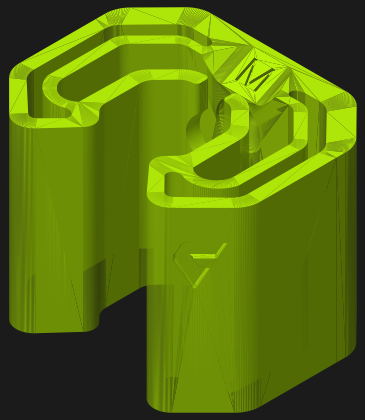
BEST-GRIP HANDLE Ø25 mm / 0.98 in | Width 56.4 × depth 45.3 × height 41.6 mm

TOP + SIDE / mm



Reference projections / not to scale

3D / FLUO LIME



Original STL geometry

HANDLE DIAMETER



Ø25 MM

0.98 IN

Selection: over 20 to 25 mm

PRINT + INSTALL

1 Measure your handle and choose M using the size guide.

2 Print the supplied PLA or PETG profile at 100% scale.

3 Use 2 screws and anchors suitable for the wall and stored tool. Tighten without crushing the printed body.

4 Push the handle straight into the opening. Check retention; pull straight outward to release.

PRINT ESTIMATES / A1 MINI

0.4 mm nozzle / 0.20 mm / 4 walls / 25% infill

PLA: 109 min / 48 g

PETG: 113 min / 47 g

MakerWorld profile estimates for one holder; rounded up to minutes. Actual time and filament use vary.

Remove brim; inspect arms and test fit before mounting. No load rating is established.

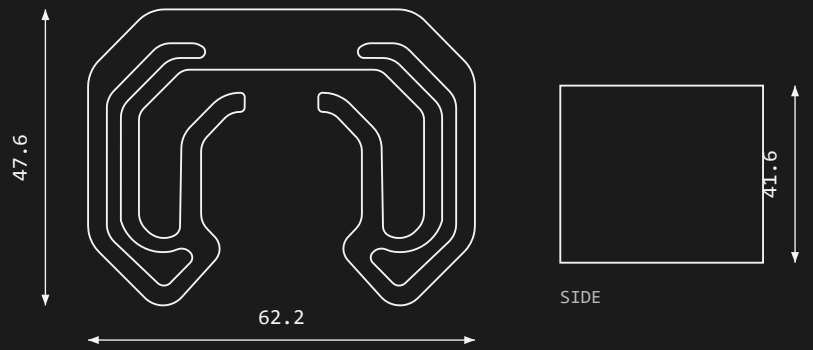
Ø is the best-grip HANDLE target, not the relaxed jaw opening or screw-hole diameter.

Dimensions: original STL bounds, rounded to 0.1 mm. Projection contours simplified for readability.

STRONG GRIP / L

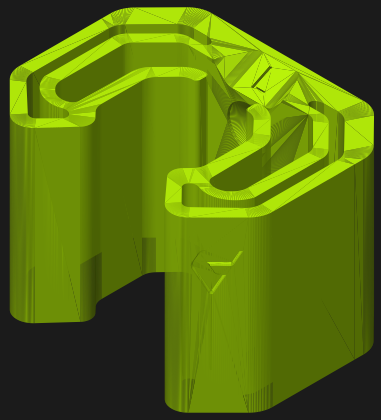
BEST-GRIP HANDLE Ø30 mm / 1.18 in | Width 62.2 × depth 47.6 × height 41.6 mm

TOP + SIDE / mm



Reference projections / not to scale

3D / FLUO LIME



Original STL geometry

HANDLE DIAMETER



Ø30 MM

1.18 IN

Selection: over 25 to 30 mm

PRINT + INSTALL

1 Measure your handle and choose L using the size guide.

2 Print the supplied PLA or PETG profile at 100% scale.

3 Use 2 screws and anchors suitable for the wall and stored tool. Tighten without crushing the printed body.

4 Push the handle straight into the opening. Check retention; pull straight outward to release.

PRINT ESTIMATES / A1 MINI

0.4 mm nozzle / 0.20 mm / 4 walls / 25% infill

PLA: 112 min / 53 g

PETG: 116 min / 52 g

MakerWorld profile estimates for one holder; rounded up to minutes. Actual time and filament use vary.

Remove brim; inspect arms and test fit before mounting. No load rating is established.

Ø is the best-grip HANDLE target, not the relaxed jaw opening or screw-hole diameter.

Dimensions: original STL bounds, rounded to 0.1 mm. Projection contours simplified for readability.

STRONG GRIP / XL

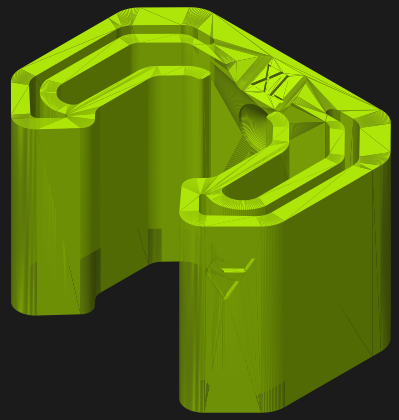
BEST-GRIP HANDLE Ø35 mm / 1.38 in | Width 68.1 × depth 50.2 × height 41.6 mm

TOP + SIDE / mm



Reference projections / not to scale

3D / FLUO LIME



Original STL geometry

HANDLE DIAMETER



Ø35 MM

1.38 IN

Selection: over 30 to 35 mm

PRINT + INSTALL

1 Measure your handle and choose XL using the size guide.

2 Print the supplied PLA or PETG profile at 100% scale.

3 Use 2 screws and anchors suitable for the wall and stored tool. Tighten without crushing the printed body.

4 Push the handle straight into the opening. Check retention; pull straight outward to release.

PRINT ESTIMATES / A1 MINI

0.4 mm nozzle / 0.20 mm / 4 walls / 25% infill

PLA: 113 min / 60 g

PETG: 117 min / 59 g

MakerWorld profile estimates for one holder; rounded up to minutes. Actual time and filament use vary.

Remove brim; inspect arms and test fit before mounting. No load rating is established.

Ø is the best-grip HANDLE target, not the relaxed jaw opening or screw-hole diameter.

Dimensions: original STL bounds, rounded to 0.1 mm. Projection contours simplified for readability.