

Technical Report

_porte_casque.stl | 18/01/2026 18:11:58

Original Dimensions

Property	Value
Length (X)	61.42 mm
Width (Y)	54.58 mm
Height (Z)	60.00 mm
Volume	30182.05 mm ³

Total Surface Area (Galvanization)

Property	Value
Total Surface Area	31224.26 mm ²
Surface (cm ²)	312.24 cm ²

Info: Sum of the areas of all triangles of the 3D mesh. Useful for estimating galvanization or surface treatment costs.

Adjust to Target Weight

Property	Value
Scale Factor	0.440966x

New Dimensions

Property	Value
Length (X)	27.08 mm
Width (Y)	24.07 mm
Height (Z)	26.46 mm

New Volume	2.5880 cm ³
------------	------------------------

Weight Comparison

Type	Weight
Original Weight	583.12 g
Target Weight	50.00 g

Material

Type	Density	Final Weight
24 carat gold (999)	19.32 g/cm ³	50.00 g