

Metal

Sterling silver	127.0 g	was 453.6 g solid · 72.0% less metal
14k gold	159.3 g	was 569.2 g solid
18k gold	190.0 g	was 678.6 g solid
22k gold	218.2 g	was 779.3 g solid
24k gold	236.8 g	was 845.9 g solid
Platinum 950	246.4 g	was 880.0 g solid
Casting wax	11.7 g	was 41.6 g solid
Volume, hollow	12.26 cm3	any other alloy = this x its density in g/cm3

Wall thickness

Measured	0.79 mm	requested 0.8 mm
Thinnest 5%	0.71 mm	sampled across the whole cavity, not a single probe
Sterling castable floor is 0.5 mm. Below that a shell is a resin master, die or electroforming reference - not a part to cast directly in silver.		

Original surface

Verdict	IDENTICAL	all 5,979,868 triangles of the upload matched, bit for bit
4,991 triangles differ only where geometry was deliberately cut - the underside opening and the cut planes.		
Built in surface-preserving mode: the upload's own triangles were carried into the shell rather than rebuilt, so no detail was resampled.		

Underside

Opening	2,841 mm²	edge is the wall itself (0.76 mm min)
Open from below, so wax and resin drain and vent without drilled holes.		

Print sections

Printer	4" x 4" x 4"	3 parts
Locating pins	4	3.0 mm, 0.2 mm casting clearance
Cuts placed away from the detailed regions - z: 46, 94 mm.		

File

Triangles	5,979,868	
Size	101.6 x 78.4 x 140.2 mm	5.52" on the longest edge
Watertight	yes	

Notes

- cut planes nudged 2.4mm to clear the ornate crown band
- 22k and 24k densities are yellow-alloy figures - confirm with your refiner