OBVERSE AND REVERSE VIEWS

Design art shown at 4:1. Front: Red Panda tearing the panda mask, hard-enamel color fill, letters P.O.P. Back: lettering only.

OBVERSE (FRONT)



REVERSE (BACK)



- (A) Rim width 1.10 ±0.10, raised, beaded border
- (B) Letters P.O.P, cap height ≈1.3, raised polished
- (C) Hard-enamel cells between raised gold lines (colors: notes)
- (D) '1/2 OZ' cap height ≈2.0, raised polished
- (E) '22KT GOLD' cap height ≈2.0, raised polished
- (F) Field: satin finish; rim: polished, beaded border

GENERAL NOTES

1. All dimensions in millimetres unless noted.
2. Art is a design render, not a sculpt. The mint sculptor builds the 3D relief and approves it before dies are cut.
3. Struck from engraved steel dies in a reeded collar.
4. No year, date, face value or country on either side.
5. **Back lettering only: '1/2 OZ' and '22KT GOLD'.**
6. Maker's mark / fineness mark: add only if the mint requires it (e.g. .9167); keep within the rim zone.
7. Hard enamel: fired in the recessed cells between the raised gold lines on the front. Colors below.
8. Enamel adds negligible weight (well under 0.1 g); gold content is unchanged.
9. Relief: max 0.28 above field, below rim top (2.15).
10. Tolerances: Ø ±0.05, thickness ±0.05, rim width ±0.10.
11. **Gross weight 16.966 g, +0.10/−0.00 g; fine gold content** never below 15.552 g (1/2 troy oz). Mint to confirm.

ENAMEL COLORS (true colors; mint to match)

- Russet orange / copper red
- White
- Black
- Dark brown
- Green (bamboo)
- Pink-red (tongue)

PROJECT	DRAWING	SHEET / SCALE
Proof of Panda P.O.P coin	**Obverse and reverse views**	**1 of 2 · Views 4:1**

MATERIAL	FINE GOLD	GROSS WEIGHT	DIAMETER	THICKNESS (RIM)
22K rose gold, Au 91.67% (0.9167 fine)	15.552 g = 1/2 troy oz	16.966 g (typ.)	Ø 27.00 ±0.05 mm	2.15 ±0.05 mm

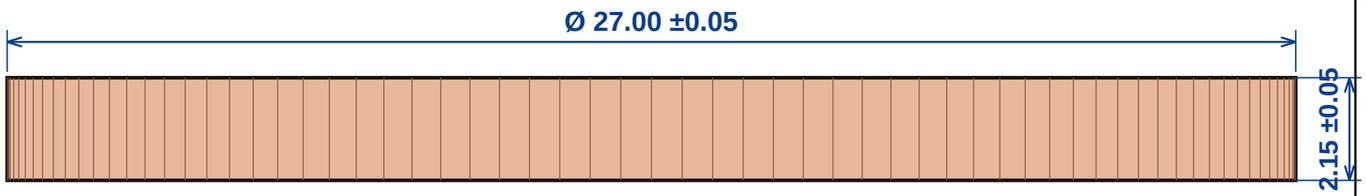
EDGE	FINISH	COLOR	DATE / REV	DATE-STAMPED YEAR
Reeded, 132 reeds	Proof: polished relief on satin field	Hard enamel in recessed cells	Nov 26, 2026 · Rev A	None on coin (no year)

FOR QUOTATION — TO BE CONFIRMED BY MINT. Planned, not minted. Not legal tender. No face value. Alloy, tolerances and enamel to be confirmed by the mint.

EDGE VIEW, CROSS-SECTION AND WEIGHT BUDGET

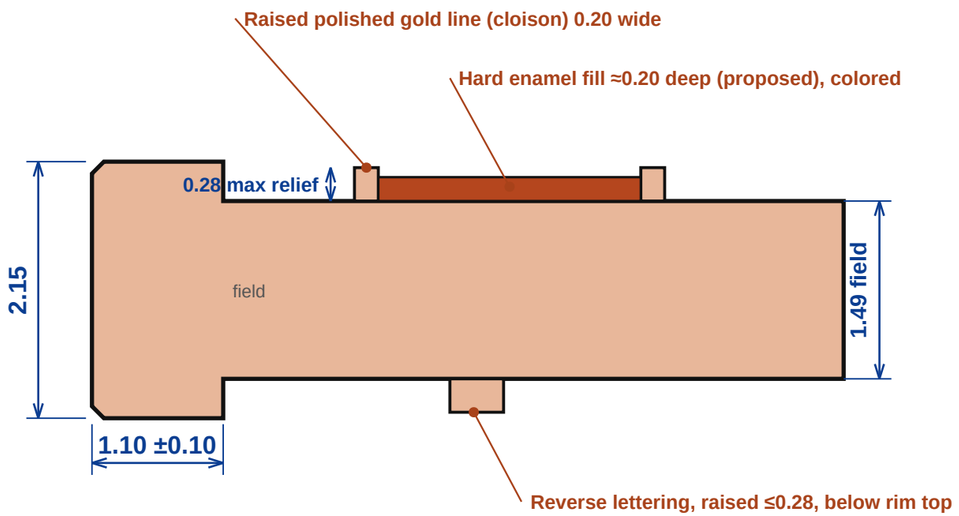
Side edge at 8:1. Rim and field section at 20:1 (section A–A, center to rim, both sides mirrored about mid-thickness).

EDGE VIEW (side elevation, reeded) 8:1



Reeded edge: 132 reeds, pitch ≈ 0.643 mm (π × 27.00 ÷ 132). Reed depth ≈ 0.10 (proposed).

SECTION A–A (rim and field), 20:1



WEIGHT AND COMPOSITION (typical 22K rose alloy; mint to confirm)

Element	Mass %	Mass (g)
Gold (Au)	91.67	**15.552**
Copper (Cu), typical	6.83	**1.159**
Silver (Ag), typical	1.50	**0.254**
Gross (total)	**100.00**	**16.966**

FINE GOLD: 0.5 troy oz × 31.1035 g = 15.552 g (min.)

22K = 22/24 = 0.9167 fine. Gross = 15.552 ÷ 0.9167 ≈ 16.966 g

Gross tolerance +0.10 / −0.00 g (proposed); enamel < 0.1 g

Alloy density ≈ 17.7 g/cm³ → volume ≈ 958 mm³

A solid Ø27.00 × 2.15 mm disk would weigh ≈ 21.8 g, so the field is thinner (≈1.49) inside a 2.15 mm rim, as on real 1/2 oz coins. Final relief and field set by the mint sculpt.

REFERENCE COINS (published specs)

U.S. Mint 1/2 oz Gold Eagle: 27.00 mm, 2.15 mm, 16.966 g, 91.67% Au / 3% Ag / 5.33% Cu (usmint.gov; brochure)

Krugerrand 1/2 oz: 27.07 mm, 2.215 mm max, 16.965 g (Rand Refinery, 22K 11/12 Au, 1/12 Cu)

PACKAGING: Air-Tite H27 direct-fit capsule, 27.0 mm inside diameter × 3.17 mm depth (fits Ø 27.00 × 2.15 with margin).

GOLD VALUE: 0.5 ozt × $3,578.80/ozt = $1,789.40

Spot: gold-api.com, 1:01 AM ET, Nov 26, 2026. Melt value only; changes every minute; mint premium not included.

PROJECT	DRAWING	SHEET / SCALE
Proof of Panda P.O.P coin	**Edge view, cross-section, weights**	**2 of 2 · Edge 8:1 · Section 20:1**

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