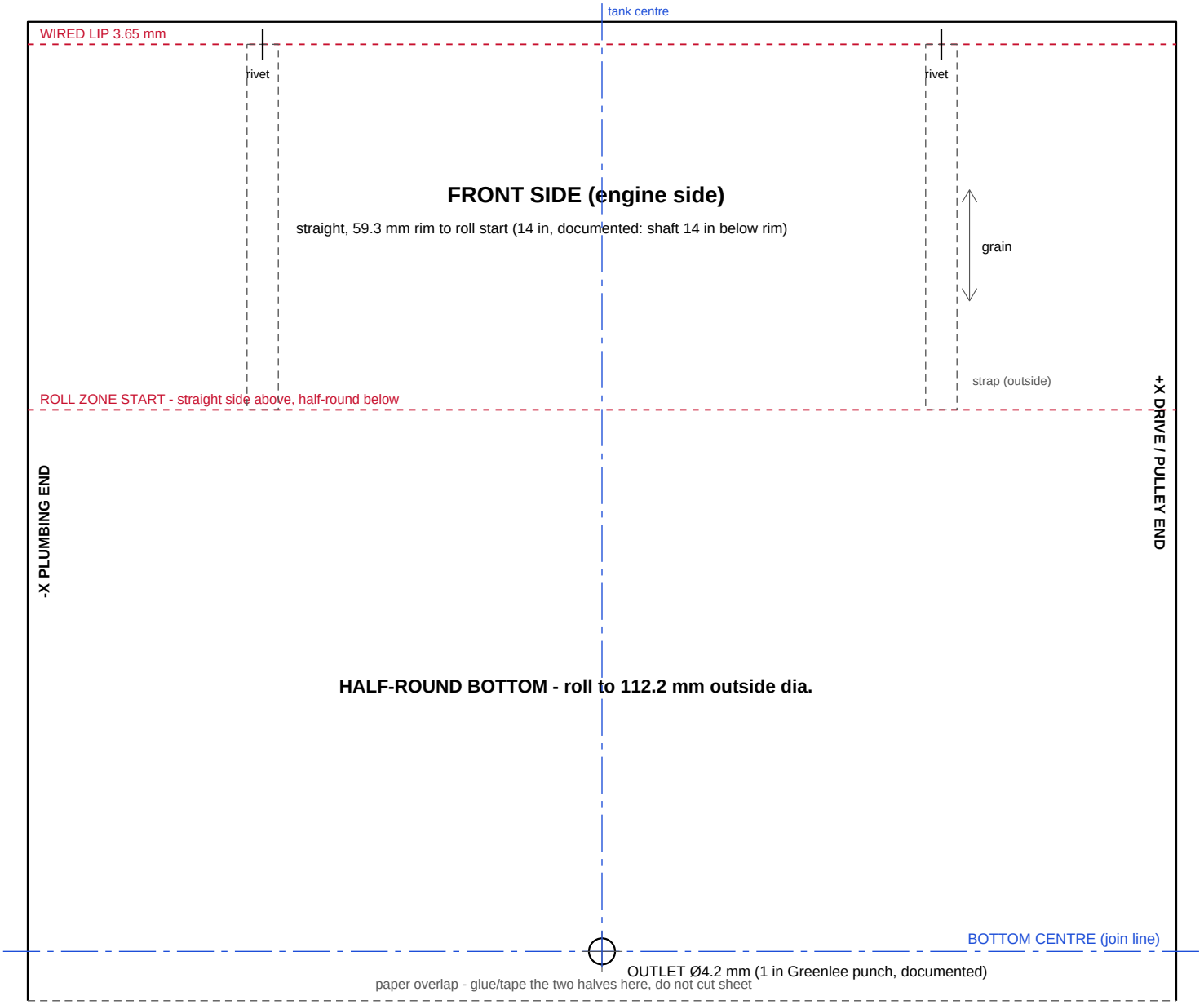
JETSPRAY 1:6 · Tank wrap - part A (front half)

1 off, 0.35 mm brass or tin-plate. Flat development of the U: lip + side + half-round + side + lip. Developed length 301.5 mm.

Model part: tank



Print part A and part B, trim A on its bottom-centre line, lay over B's overlap and tape: that gives the one-piece pattern (301.5 mm).
Tank length 186.3 mm = 44 in full size (derived); bottom radius 56.09 mm (derived); sides 59.3 mm.
Top edge: roll over 1.2 mm brass wire (wired edge; allowance 3.65 mm = 0.75 x pi x (wire + t)). Test on a scrap first.
Half-round developed on the neutral axis: pi x (56.09 - t/2) = 175.7 mm for t = 0.35 mm. Each 0.05 mm of extra sheet adds 0.08 mm.
Grain: run it around the U (across the roll axis) so the tight wired lip does not crack. Anneal brass before rolling the lip.
Roll over a former a little under the finished diameter - the sheet springs open. Check against the end-plate template.
Rivet holes (1:6 of 1/4 in = 1.0 mm) go through the rolled lip AFTER forming, centred in the lip - shop notes p5/p11.
End plates fit inside the wrap, flush with both ends; solder from inside.

- Cut line
- Fold line (90°)
- Roll zone limit
- Centre line
- Locating mark (do not cut)
- Hole: drill at the crosshair

25 mm **1 inch**

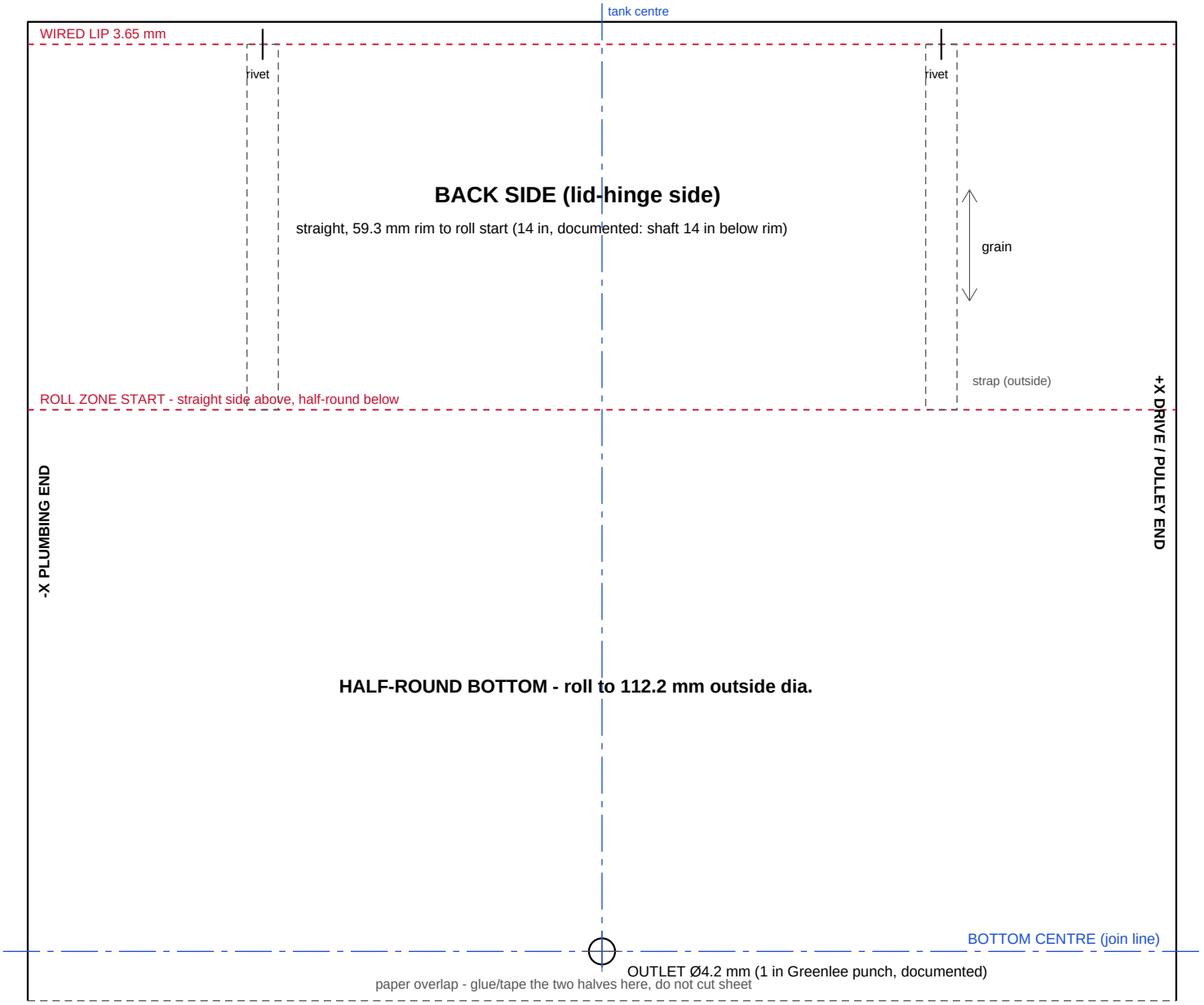
Measure: both squares must be exact.

JETSPRAY 1:6 · Tank wrap - part B (back half)

Sheet T2

1 off, 0.35 mm brass or tin-plate. Flat development of the U: lip + side + half-round + side + lip. Developed length 301.5 mm.

Model part: tank



Print part A and part B, trim A on its bottom-centre line, lay over B's overlap and tape: that gives the one-piece pattern (301.5 mm).
Tank length 186.3 mm = 44 in full size (derived); bottom radius 56.09 mm (derived); sides 59.3 mm.
Top edge: roll over 1.2 mm brass wire (wired edge; allowance 3.65 mm = 0.75 x pi x (wire + t)). Test on a scrap first.
Half-round developed on the neutral axis: pi x (56.09 - t/2) = 175.7 mm for t = 0.35 mm. Each 0.05 mm of extra sheet adds 0.08 mm.
Grain: run it around the U (across the roll axis) so the tight wired lip does not crack. Anneal brass before rolling the lip.
Roll over a former a little under the finished diameter - the sheet springs open. Check against the end-plate template.
Rivet holes (1:6 of 1/4 in = 1.0 mm) go through the rolled lip AFTER forming, centred in the lip - shop notes p5/p11.
End plates fit inside the wrap, flush with both ends; solder from inside.

- Cut line
- Fold line (90°)
- Roll zone limit
- Centre line
- Locating mark (do not cut)
- Hole: drill at the crosshair

25 mm **1 inch**

Measure: both squares must be exact.

JETSPRAY 1:6 · Tank end plates

2 off, 0.35 mm sheet. U-shaped plates that fit inside the wrap, flush with the rim.

Model part: tank, bearing_idle, bearing_drive



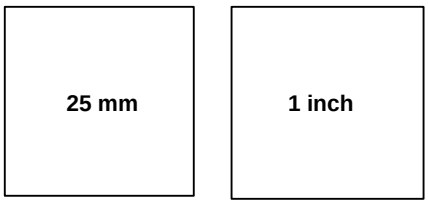


Holes and their sources:

- Centre bore: bearing on the agitator shaft centre, 59.3 mm below the rim (14 in, documented).
- 4 bolt holes: 1:6 of 7/16 in on a 2.5 in square (estimate). Drill 0.8 mm instead if you pin the printed bearing with brass wire.
- Return hole: 1-1/8 in Greenlee punch (documented, notes p47); position from the model (estimate).

Shop notes: bolt heads and copper washers go INSIDE the tank; grease fittings face up.

Plate radius = tank R 56.09 mm minus sheet 0.35 mm = 55.74 mm. Fit inside the wrap; solder inside. File to a push fit before soldering.



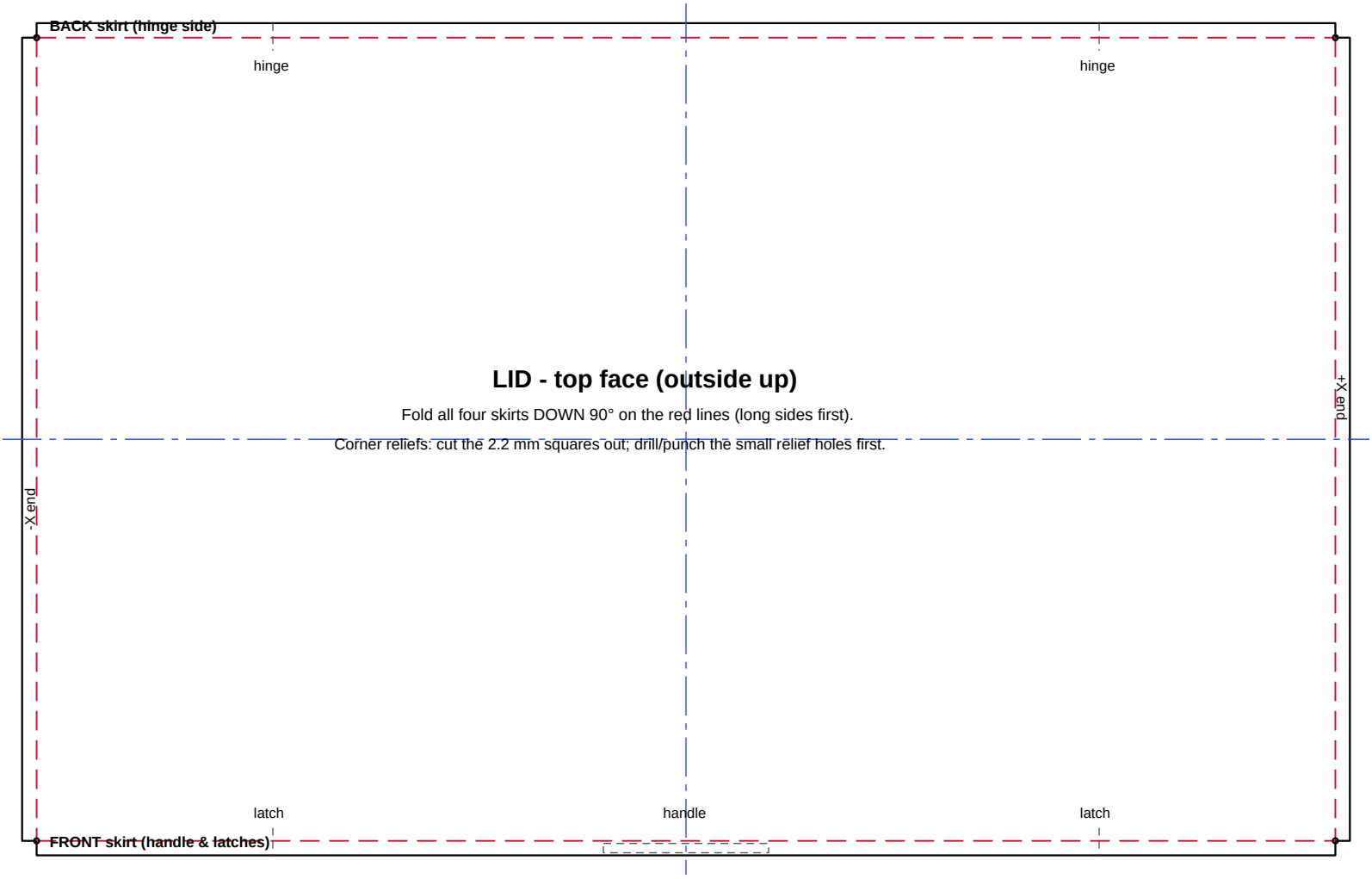
Measure: both squares must be exact.

Cut line
Fold line (90°)
Roll zone limit
Centre line
Locating mark (do not cut)
Hole: drill at the crosshair

JETSPRAY 1:6 · Hinged lid

1 off, 0.35 mm sheet. Flat top with four turned-down skirts and corner reliefs. Finished 200.2 x 124.0 mm, skirts 2.5 mm.

Model part: lid, lid_hw



Lid: 47.3 x 29.3 in full size (model: tank length + 1.2 in, frame width + 0.1 in; estimate). Skirt 0.6 in (estimate).
Flat blank 204.1 x 127.9 mm. Fold lines sit 2.23 mm in from each edge = skirt 2.54 mm minus half the
bend deduction (0.62 mm for 0.35 mm sheet, inside radius = t, K = 0.42). Bend over a sharp steel edge in a folding bar.
Grain: either way - all bends are 90° with a generous radius-to-thickness ratio. Patent item 27; hinged along the back.
Hinges/latches: print lid_hw.stl or make from 0.3 mm shim. Handle: 2 x 0.8 mm strip, see the cut list.
Shop notes (instructions p10): lid stays riveted with 3/16 in pop rivets = 0.8 mm wire rivets at 1:6.

- Cut line
- Fold line (90°)
- Roll zone limit
- Centre line
- Locating mark (do not cut)
- Hole: drill at the crosshair

25 mm

1 inch

Measure: both squares must be exact.

JETSPRAY 1:6 · Pulley guard band & tank leg braces

Guard band 1 off (0.35 mm sheet, two halves); leg braces 4 off (0.8 mm strip).

Model part: guard, straps

LEG BRACES (straps) - 182.9 x 5.08 mm, 1.65 mm thick, 4 off: mark two 'L' and two 'R' (shop notes, instructions p2)

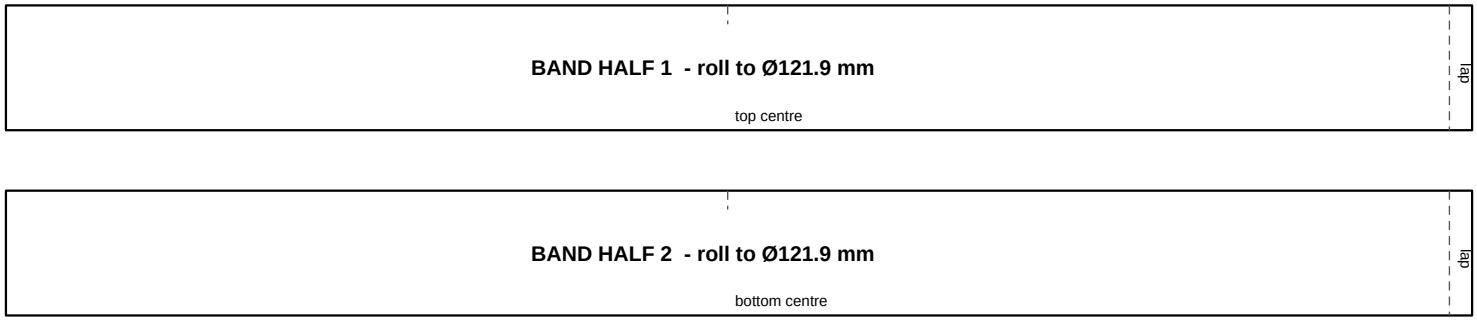


BOTTOM: 1/4 in bolt hole to the base (position: estimate)

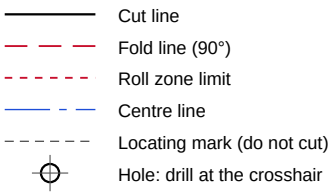
TOP: rivet hole through the rolled lip (1/4 in -> 1.0 mm)

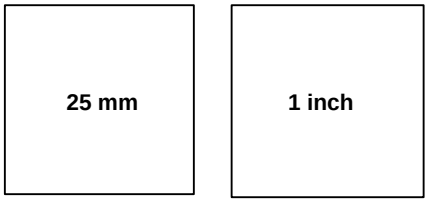
Model draws the brace straight; the shop photos show a bent lower end - bend a small foot if you wish.

PULLEY GUARD BAND - Ø121.9 mm x 16.5 mm deep; developed 381.9 mm, made as two halves



Guard: Ø28.8 in x 3.9 in deep drum (model estimate - pics p11). Band length on the neutral axis = pi x (121.92 - 0.35) = 381.9 mm.
Each half is 191.0 mm plus a 3 mm lap. Roll both halves, solder the laps, then fit the mesh face (template T6).
Grain around the band. Open side faces the tank; mesh face is outboard.
The shop notes (p33-35) fix the guard with two L-brackets at the top and one brace at the bottom, 3/16 in pop rivets
(0.8 mm wire rivets at 1:6). His sketch shows a teardrop-shaped guard; the model uses a simpler drum - see the README.
Leg braces: 1.2 x 0.39 in strap (estimate), riveted through the rolled lip with heads inside (notes p5, p11).



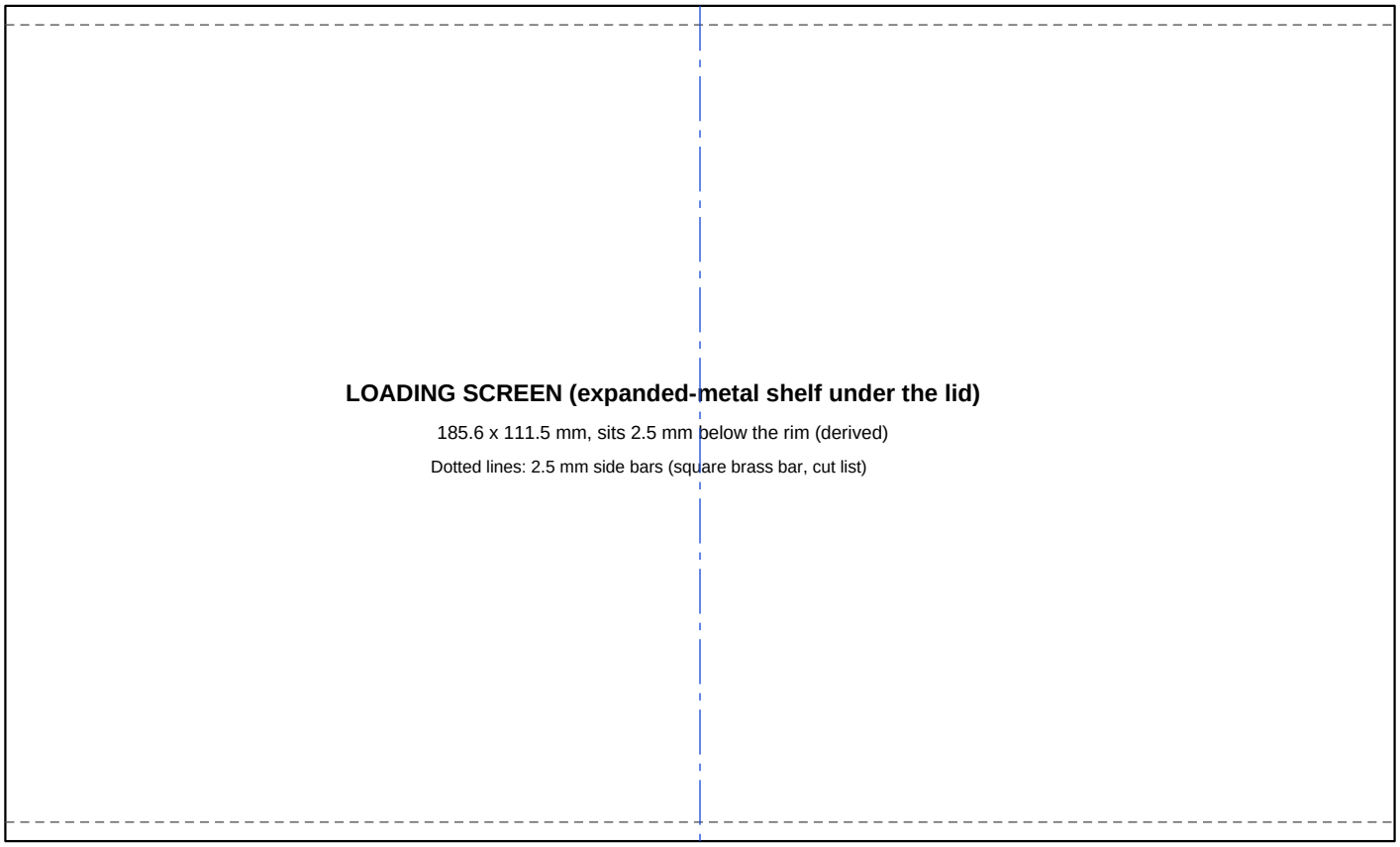


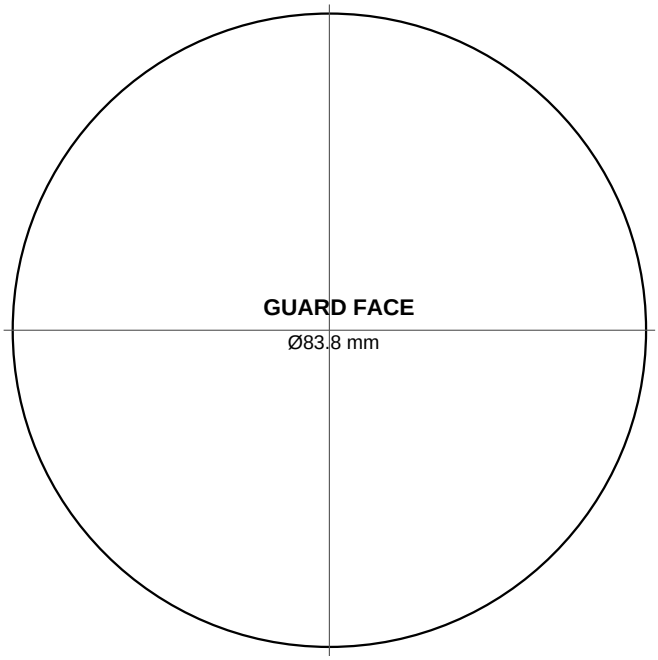
Measure: both squares must be exact.

JETSPRAY 1:6 · Mesh pieces

Cut from fine brass / aluminium mesh. Loading screen 1 off, guard face 1 off, outlet screen 1 off.

Model part: screen, guard_mesh, grate





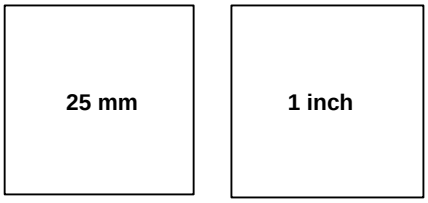


OUTLET SCREEN 11.0 mm square

lies over the outlet hole (patent item 19)

Mesh opening: the model draws the loading screen as a simple 2 in grid (8.5 mm at 1:6). Pick mesh to taste - the model's stock note suggests 2-3 mm openings.

The shop notes also describe 11 x 2 pronged screens on each agitator wing and a 9 x 9 screen in the reducer bushing - not modelled, optional extra detail.



Measure: both squares must be exact.

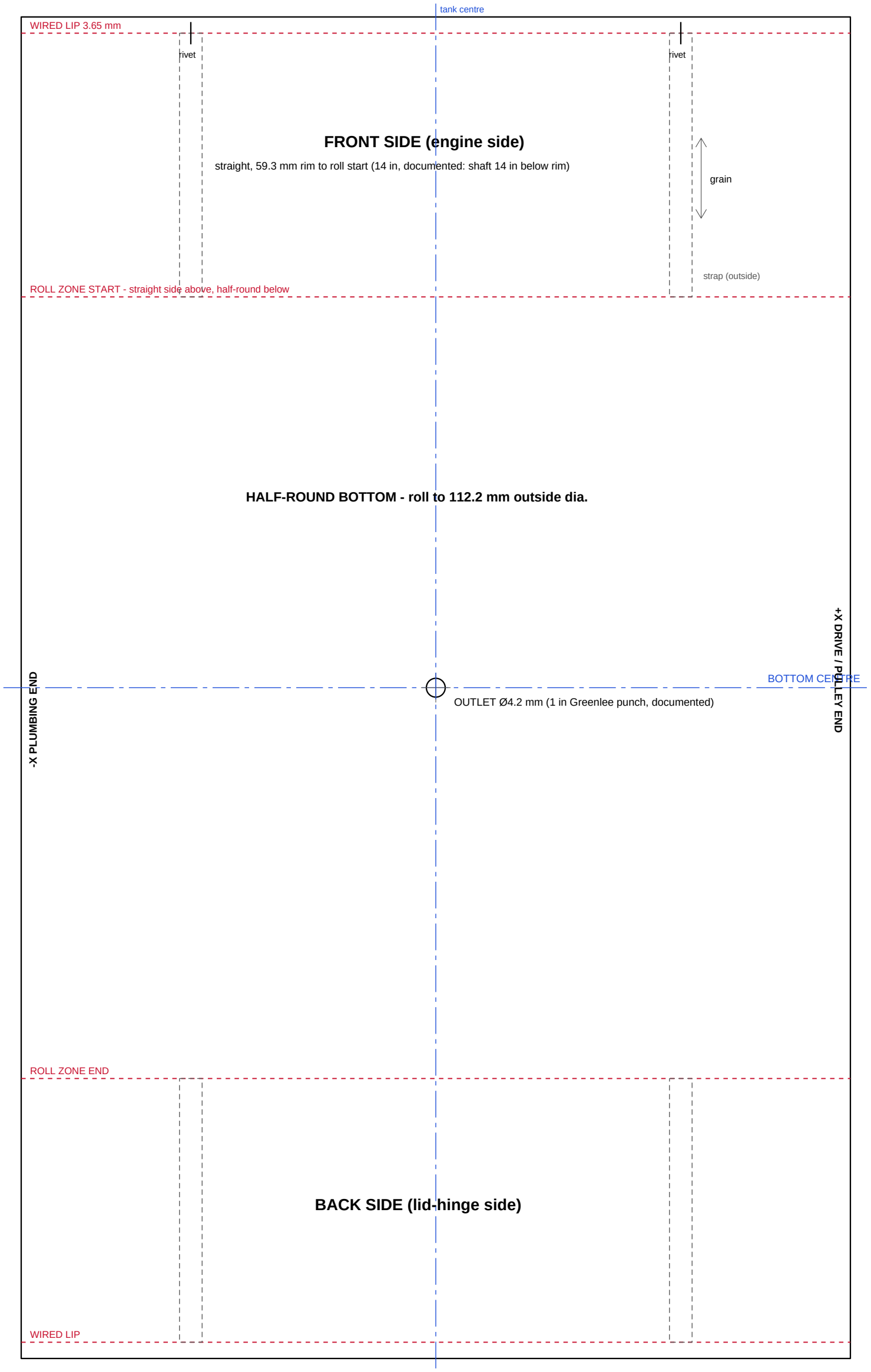
- Cut line
- Fold line (90°)
- Roll zone limit
- Centre line
- Locating mark (do not cut)
- Hole: drill at the crosshair

JETSPRAY 1:6 · Tank wrap - one piece (A3 / Tabloid)

Sheet T1+T2

1 off, 0.35 mm brass or tin-plate. Flat development of the U: lip + side + half-round + side + lip. Developed length 301.5 mm.

Model part: tank



Tank length 186.3 mm = 44 in full size (derived); bottom radius 56.09 mm (derived); sides 59.3 mm.
Top edge: roll over 1.2 mm brass wire (wired edge; allowance 3.65 mm = 0.75 x pi x (wire + t)). Test on a scrap first.
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Rivet holes (1:6 of 1/4 in = 1.0 mm) go through the rolled lip AFTER forming, centred in the lip - shop notes p5/p11.
End plates fit inside the wrap, flush with both ends; solder from inside.

- Cut line
- Fold line (90°)
- Roll zone limit
- Centre line
- Locating mark (do not cut)
- Hole: drill at the crosshair

25 mm

1 inch

Measure: both squares must be exact.