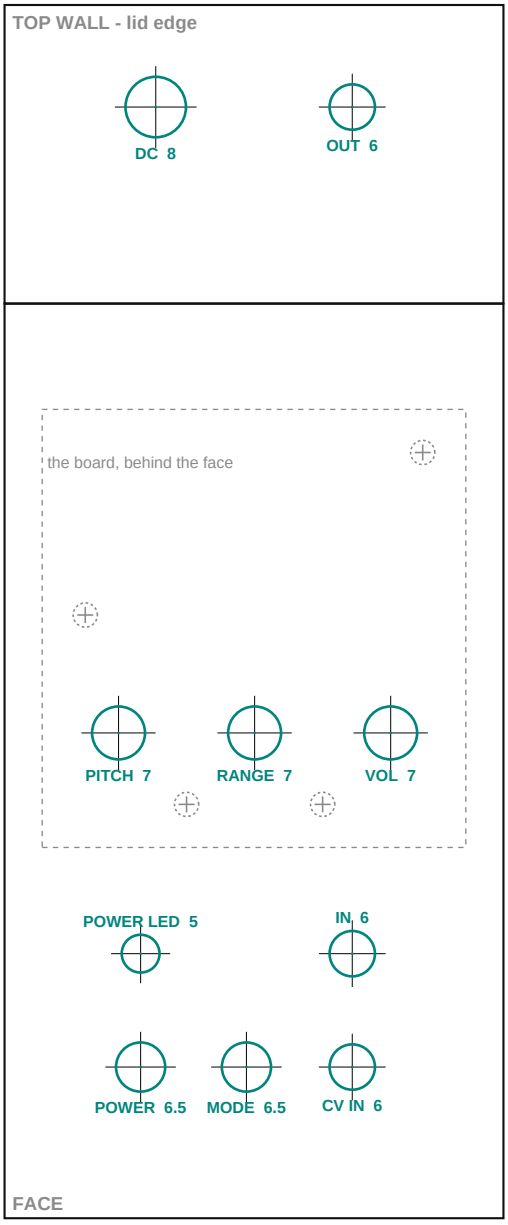
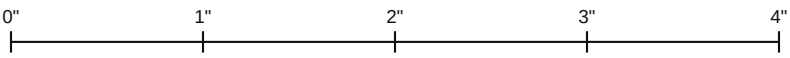
DRAGONFLY VCO V1.1 PCB - DRILL TEMPLATE

a 125B standing on end: the face, 66 x 121 mm, with the top wall unfolded around it . tape it on, punch, drill
NOBODY HAS DRILLED THIS ONE YET - offer the sheet up to your box, your board and your parts before you make a hole





SCALE CHECK - this bar must measure EXACTLY 4 inches (101.6 mm).
Print at 100% / "Actual size", never "Fit to page."

The pot holes are where the board puts them, read off its files. Fit the pots and offer the board up before you drill.
7 mm pot holes, for the 6 mm shaft of a 9 mm Bourns PTV09A-4. These pots have no nut: they do not hold the board.
The four small dashed circles are the board's M3 holes, 3.2 mm. OPTIONAL: screws into standoffs, or stick-on standoffs and no holes.
6.5 mm toggles, 8 mm DC jack, 6 mm for the 3.5 mm jacks, 5 mm for an LED or a photocell.
Wall-part depths assume the board about 12 mm behind the face. Pick standoffs to suit your tallest part and your pot shafts.
The wall parts sit 26 mm in from the face edge to pass behind the board, so the board goes in FIRST, then the wall parts. Part sizes are ballpark.
Pilot at 3 mm, open up, deburr, then blow every chip of swarf out of the box before the board goes in.
the face should measure 66 x 121 mm