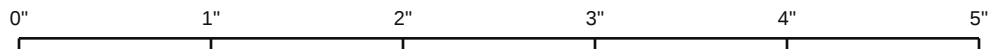
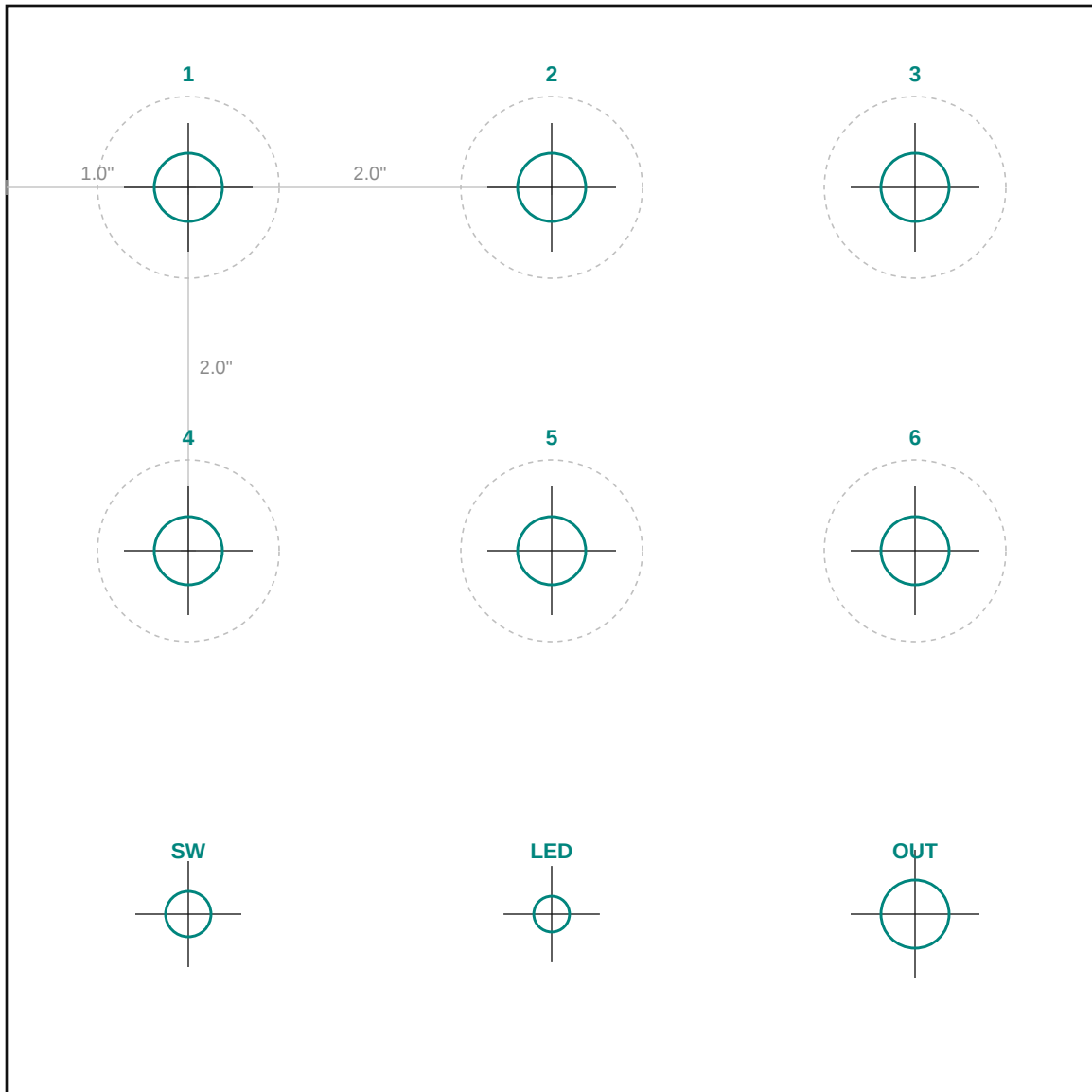


DEAD-BUG HIVE - 6-POT PANEL DRILLING TEMPLATE

6" square panel | 3x3 grid, 2" centres | 6 pots + power switch + LED + output jack



SCALE CHECK - this bar must measure EXACTLY 5 inches (127.0 mm).

Print at 100% / "Actual size" - NOT "Fit to page." The panel square should also measure 6.0".

HOLE SIZES

Pots 1-6	3/8" (9.5-10 mm)	16 mm alpha B-series - measure your bushing, drill one bit larger
SW	1/4" (6.5 mm)	typical mini-toggle bushing - check yours, some are 6 mm
LED	5 mm (3/16")	bare 5 mm LED. Using a bezel/holder instead? That wants ~8 mm
OUT	3/8" (9.5 mm)	panel 1/4" mono jack. Output on the right - the way I wire every box

DRILLING A 6-INCH PANEL

1. Tape the sheet to the panel and punch THROUGH the crosshairs. Measuring the holes off this page by hand puts back the error the template just took out.
2. Centre-punch every mark, pilot at 1/8", then step up to size. A 3/8" bit started cold walks.
3. Back it with scrap wood and clamp it down. Drill through into the wood.
4. Aluminium: slow speed, a drop of oil, let the bit cut - don't lean on it. Steel: slower again. If your 6" box is a TIN, throw this rule out and use a step drill - see the tin template.
5. Drill ONE pot hole and test-fit the bushing before you commit to the other five.
6. Deburr both sides. The dashed rings are the 1" knob envelope - if your knobs are wider, check they still clear before you drill.