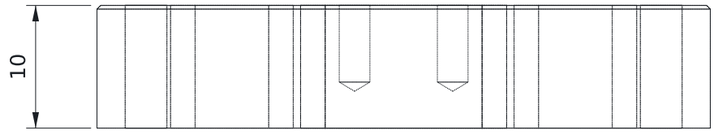
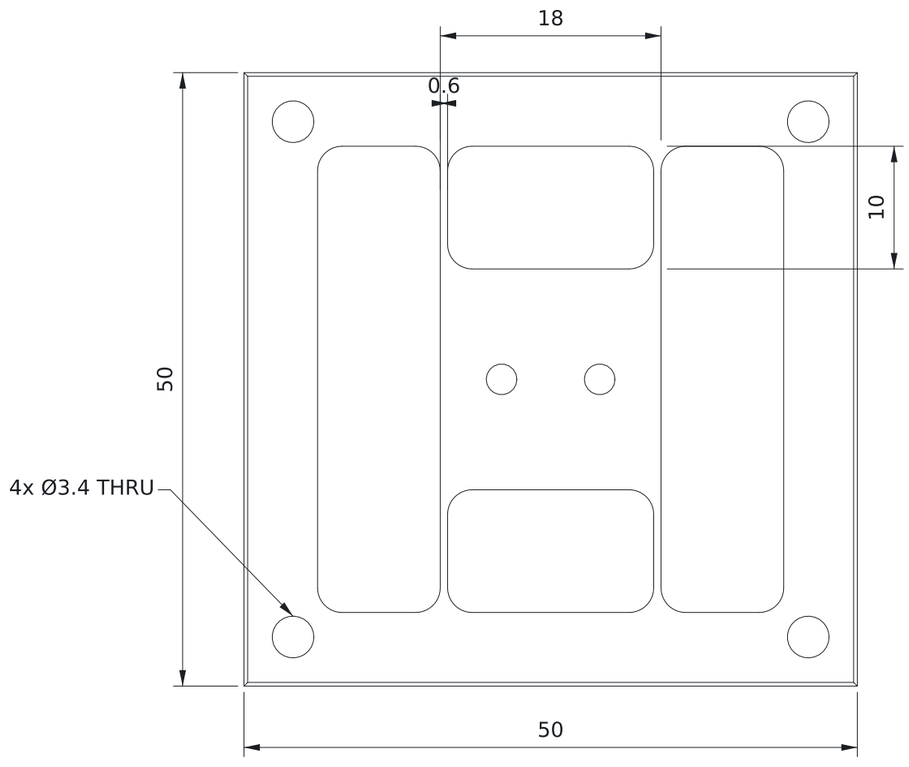
Front view





Plan view

Features

1. 4x leaf spring 0.6 thick x 10 long x 10 high, roots R2 - the platform moves in X; aspect 16 : 1
2. Platform 18 x 18, 2x M3 ↧5 thread-milled (tap drill Ø2.5, its 118° point at 7) - the payload
3. Cut-outs THRU, inside corners R2 - one Ø3 tool; the actuator sits in the X gap
4. 4x Ø3.4 THRU - mounting

Notes

1. General tolerances ISO 2768-fK; spring thickness 0.60 ±0.02
2. Springs finished in steps from the top with the uncut stock below supporting them; both sides of a spring alternately
3. No claim of positioning accuracy: this is a mechanical part; its travel and stiffness are the design's

Flexure stage (one axis, leaf springs)

柔性铰链平台（单轴，片簧）

Material 7075-T6 Stock 55 x 55 x 12 mm	**Drawing TW-E08**
General tolerances ISO 2768-fK · mm · Ra 1.6 unless noted	Scale 2:1 A3
Twinwright Studio 1.0 example · drawn 2026-10-06	ISO E (first angle)