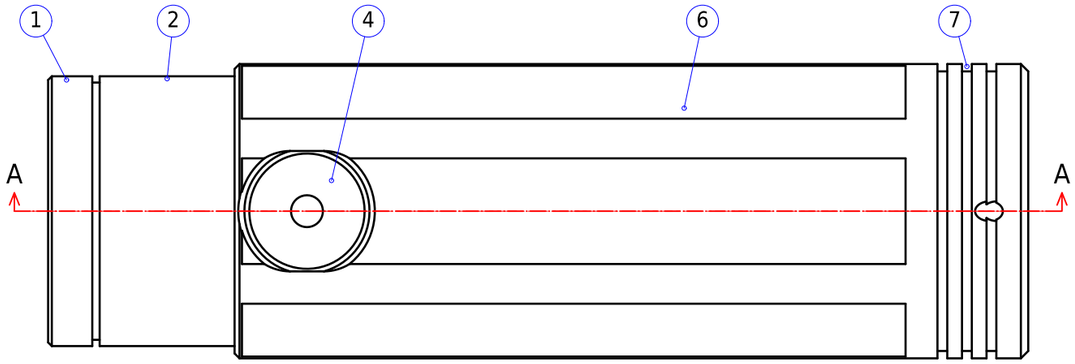
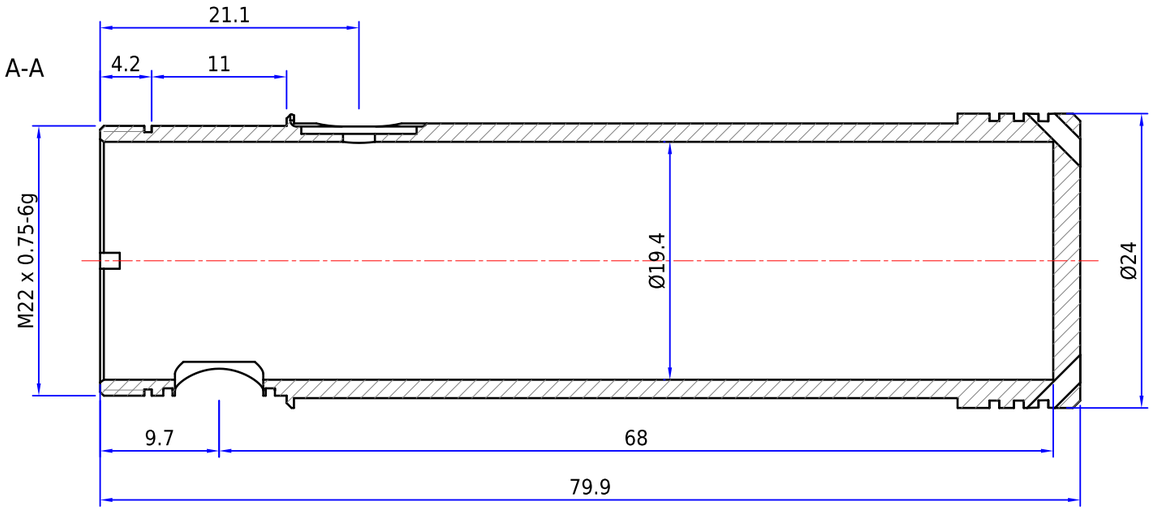
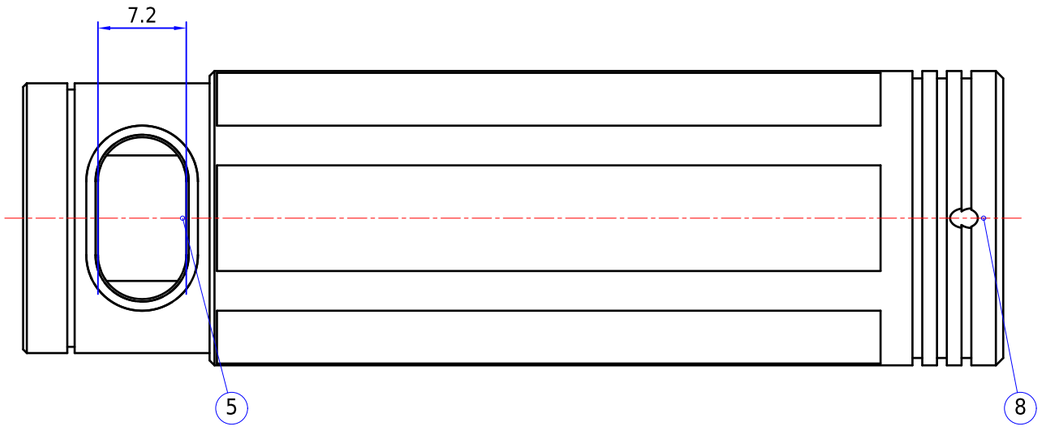
TOP VIEW
(from +Z)



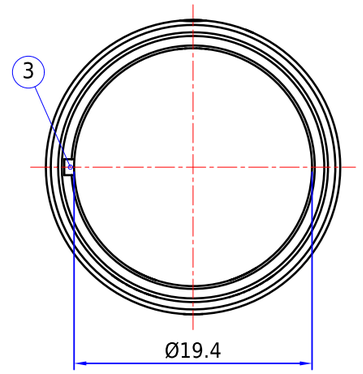
SECTION A-A
(Y = 0)



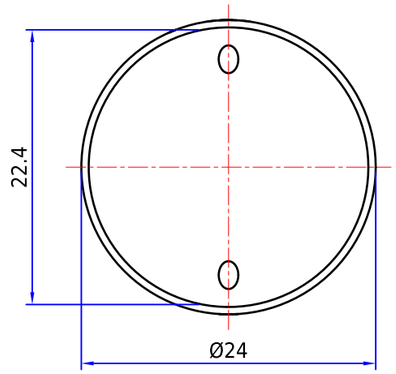
BOTTOM VIEW
(from -Z)



VIEW B (front)



VIEW C (tail)



FEATURES

ID	FEATURE	SPECIFICATION	TOLERANCE / NOTE
1	Thread band	M22 x 0.75-6g external, 4.2 long from the front face, relief to 20.98; front face is the seat of the insert's face O-ring	6g; front face Ra 0.8, flat 0.02
2	Collar seat	22 from x 4.2 to the shoulder at 15.2 (0.4 chamfer); the collar turns on it	f7, Ra 0.8
3	Cell bay	19.4 to x 77.7 (flat floor), entry chamfer 0.3 x 45 deg; key notch for the insert at +Y, 1.3 wide x 1.6 deep	+0.05/0; key +/-0.03
4	Button	round scallop 11.2 to Z 10.95 (R0.5 floor edge) at x 21.1; counterbore 9.4 to Z 10.35; pin hole 2.6 into the bay	counterbore H8, floor +/-0.03
5	Port window	stadium 7.2 along the axis by 13.2 across, at -Z, x 9.7, up to the socket mouth (Z -8.24); gasket groove 0.75 wide, 0.6 deep round it, 0.2 from the window edge	window +/-0.05; groove +0.05/0
6	Flats	six, 11.2 from the axis (22.4 across), x 15.8 to 69.9; "EDCO" laser-marked on a flat, 2.4 high	+/-0.05
7	Tail grooves	3 x 0.8 wide, 0.6 deep, at x 72.9, 74.9, 76.9	+/-0.1
8	Lanyard holes	two 1.6 straight holes at 45 deg through the tail corners (+Z and -Z), entering the tail face 8.8 from the axis	+0.1/0, deburr

NOTES

1 Material: aluminium 6061-T6 bar. Turn and mill; bead-blast; anodise type II (MIL-A-8625), black or clear, after machining. Thread, bore and sealing faces masked or held to size after anodising.
2 General tolerances ISO 2768-mK. Break sharp edges 0.1-0.2 unless shown. Surface Ra 1.6, sealing faces Ra 0.8.
3 Geometry per the STEP file named in the title block. In the table, x is the distance from the body's front face (the thread end), Y and Z are measured from the axis, Z up (button side).
4 Items 1, 3, 4 and 5 carry seals: no burrs, no tool marks across the sealing faces.

BODY

Part: EDCO-18_body.step	SCALE 2:1 SHEET 1/1
EDCO v0.2 EDCO-18 2026-10-24	Units mm | ISO 2768-mK