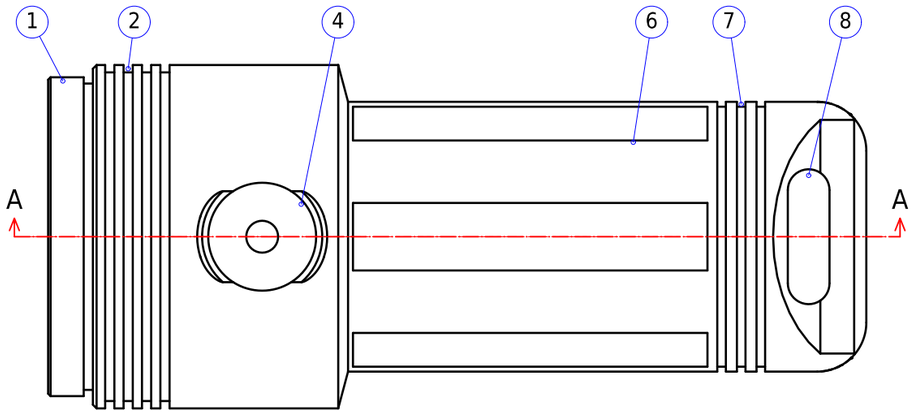
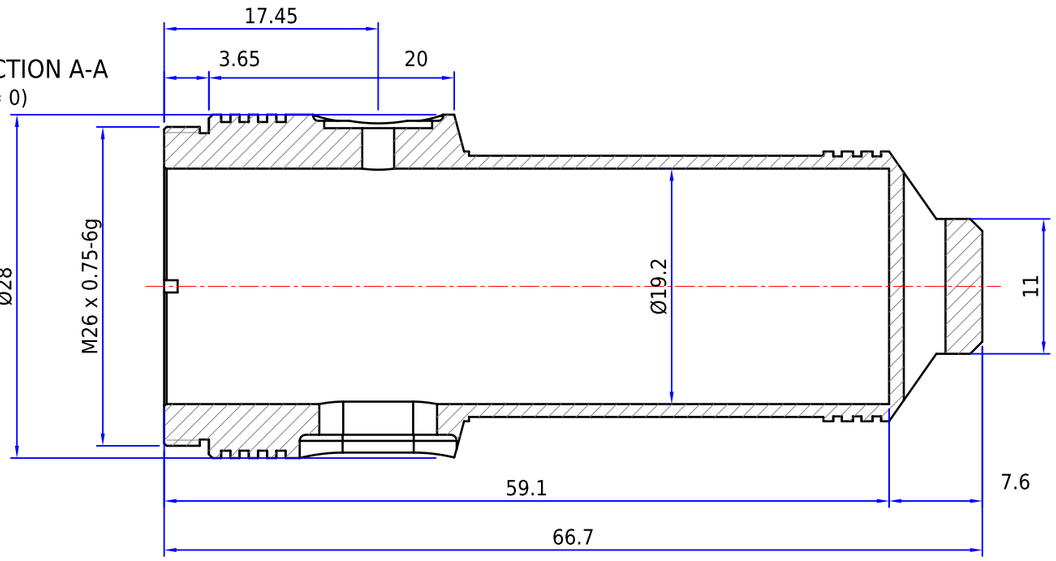
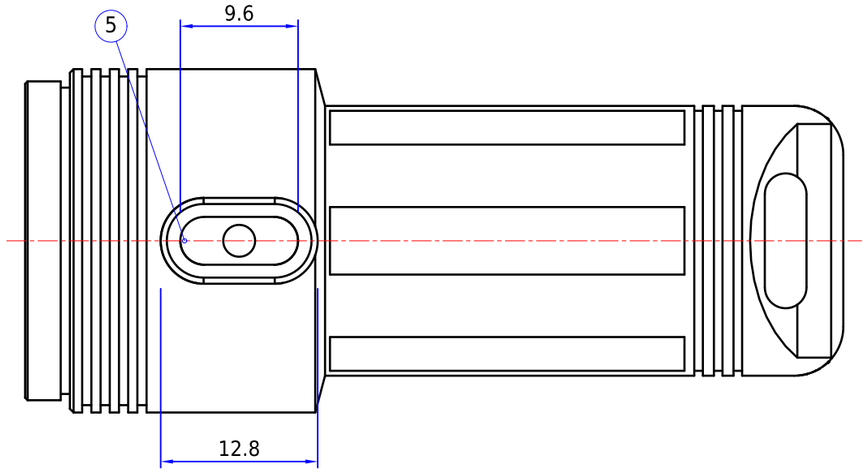
TOP VIEW
(from +Z)



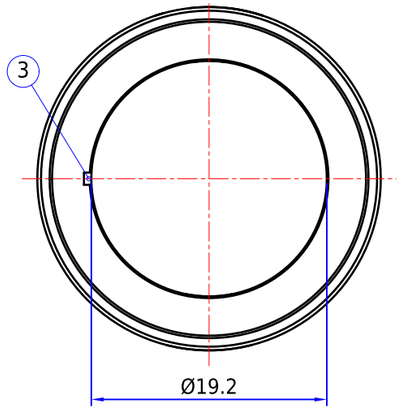
SECTION A-A
(Y = 0)



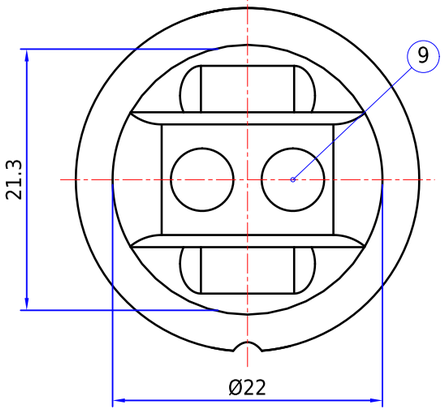
BOTTOM VIEW
(from -Z)



VIEW B (front)



VIEW C (tail)



FEATURES

ID	FEATURE	SPECIFICATION	TOLERANCE / NOTE
1	Thread band	M26 x 0.75-6g external, 3.5 long from the front face, run-out to 24.98; front face is the seat of the insert's face O-ring	6g; front face Ra 0.8, flat 0.02
2	Head section	28 from x 3.65 to 23.65, 0.8 step to the tube; 4 fins 0.75 wide, 0.6 deep, pitch 1.5	+/-0.05
3	Cell bay	19.2 to x 59.1 (flat floor), entry chamfer 0.2 x 45 deg; key notch for the insert at +Y, 1 wide x 1.1 deep	+0.05/0; key +/-0.03
4	Button	round scallop 10.6 to Z 13.5 (R0.4 floor edge) at x 17.45; counterbore 8.8 to Z 12.9; pin hole 2.6 into the bay	counterbore H8, floor +/-0.03
5	USB-C opening	obround 9.6 x 3.9 through at -Z (the socket's seal ring seals in it); plug pocket 12.8 x 7 to Z -12.1, R0.5 floor edge	obround +0.05/0, Ra 0.8
6	Flats	six, 10.65 from the axis (21.3 across), x 24.85 to 53.75; "EDCO" laser-marked on the top flat, 2.2 high	+/-0.05
7	Tail grooves	3 x 0.7 wide, 0.4 deep, at x 54.9, 56.5, 58.1	+/-0.1
8	Keyring tab	two flats 11 apart (Z), bevels 55 deg from the bay end; slot 3.4 x 11 through (Z) at x 62; end corners R4, end edges 1 x 45 deg	slot +0.1/0
9	Magnet pockets (M version only)	two 5.1 x 2.1 deep in the tab's end face at Y +/-3.7, Z 0	+0.05/0; magnets bonded, opposite poles out

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 The plain version (EDCO Prism) is the same body without item 9.
5 Items 3, 4 and 5 carry seals: no burrs, no tool marks across the sealing faces.

BODY

Part: EDCO_PrismM_body.step (plain: EDCO_Prism_body.step)	SCALE 2:1 SHEET 1/1
EDCO Prism v0.1 2026-10-24	Units mm | ISO 2768-mK