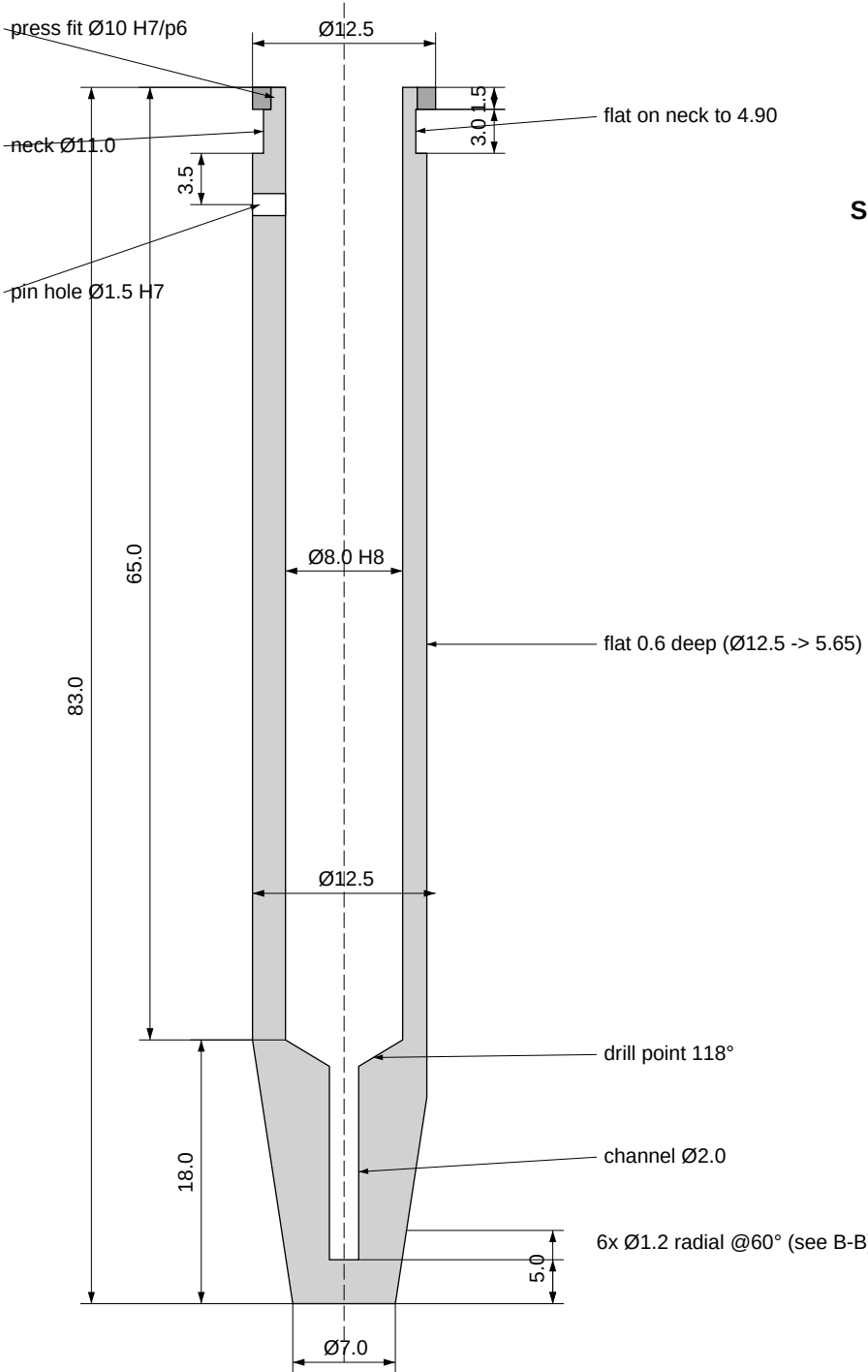
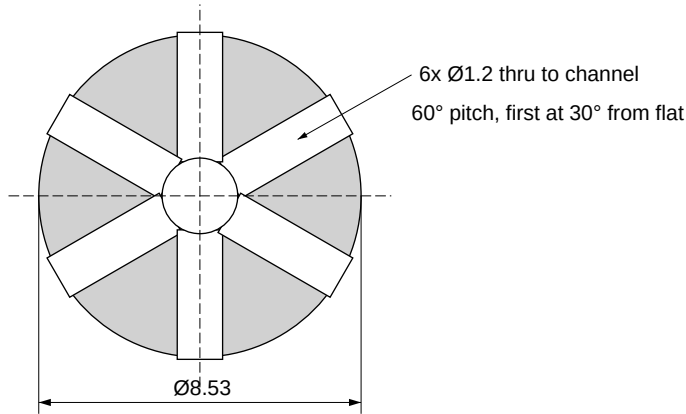


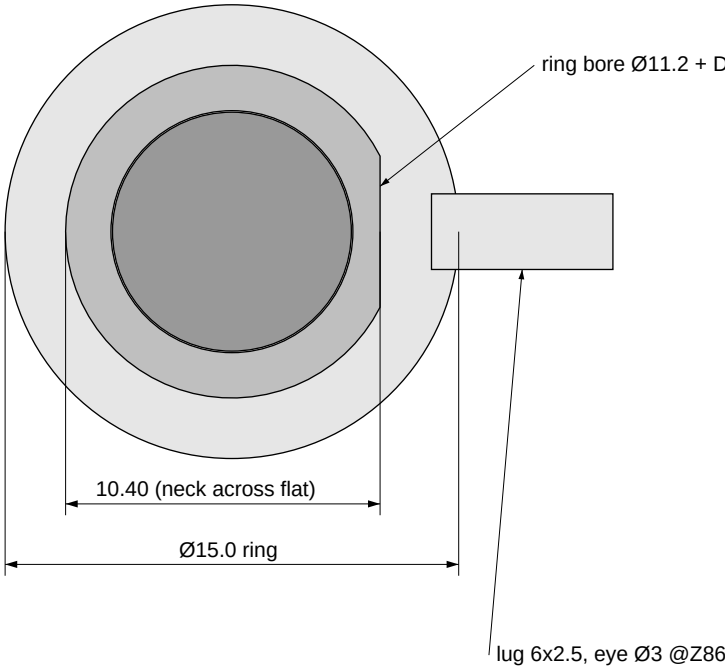
SECTION A-A (shell 1 + flange 2) 2:1



SECTION B-B (Z=5.0) 5:1



SECTION C-C (neck, ring 6, slider 3) 4:1



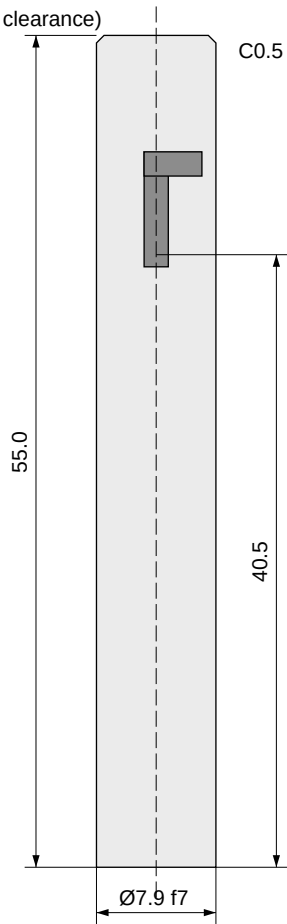
PARTS LIST

Pos	Part	Material	Spec
1	Shell	AISI 316	L83, Ø12.5/7.0, bore Ø8 H8 x 65
2	Flange collar	AISI 316	Ø12.5 x 1.5, ID Ø10 H7 (press on p6)
3	Slider	AISI 316	Ø7.9 f7 x 55, L-groove 1.6 x 1.0
4	Guide pin	1.4125 hardened	Ø1.5 m6 x 3.2, flush with OD
5	Compression spring	1.4310	OD7.5, d0.6, L0 18, n=10, ends closed+ground
6	Bail ring	AISI 316	t2.5, D-bore Ø11.2, eye Ø3

NOTES

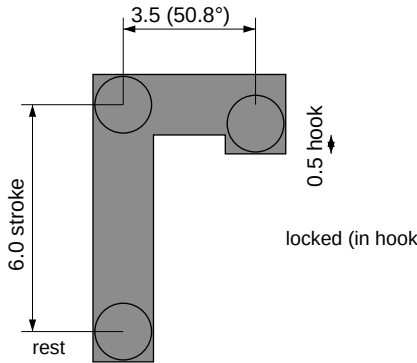
- Assembly: ring 6 onto neck -> press flange 2 onto Ø10 stub -> spring 5 + slider 3 -> press pin 4.
- Slider rest position: spring preload 1.5 mm (cavity 16.5 mm); button protrudes 6.5 mm.
- Break all sharp edges 0.2. Bore Ra 0.8, slider Ra 0.4. Passivate per ASTM A967.
- Vent holes 6x Ø1.2 relieve air under slider (piston effect).
- FDM prototype: scale fits +0.15 mm on bore / pin hole.

SLIDER 3 2:1



DETAIL D - L-GROOVE DEVELOPED 5:1

unrolled at Ø7.9, groove 1.6 wide x 1.0 deep



Operation: press 6 mm, turn 51° CW (seen from top), release -> spring seats pin 0.5 mm into hook = locked.

STAINLESS PENDANT - BAYONET ASSEMBLY

Job c8821a4f | MICROWARE | sheet 1/1

Projection: ISO E (1st angle)

Material: AISI 316 (pin hardened, spring 1.4310)

Scale: 2:1 / 5:1 / 4:1

Drawn: Claude (AI)

Gen. tol. ISO 2768-mK | dims in mm

Date: 2026-10-16

Checked: -