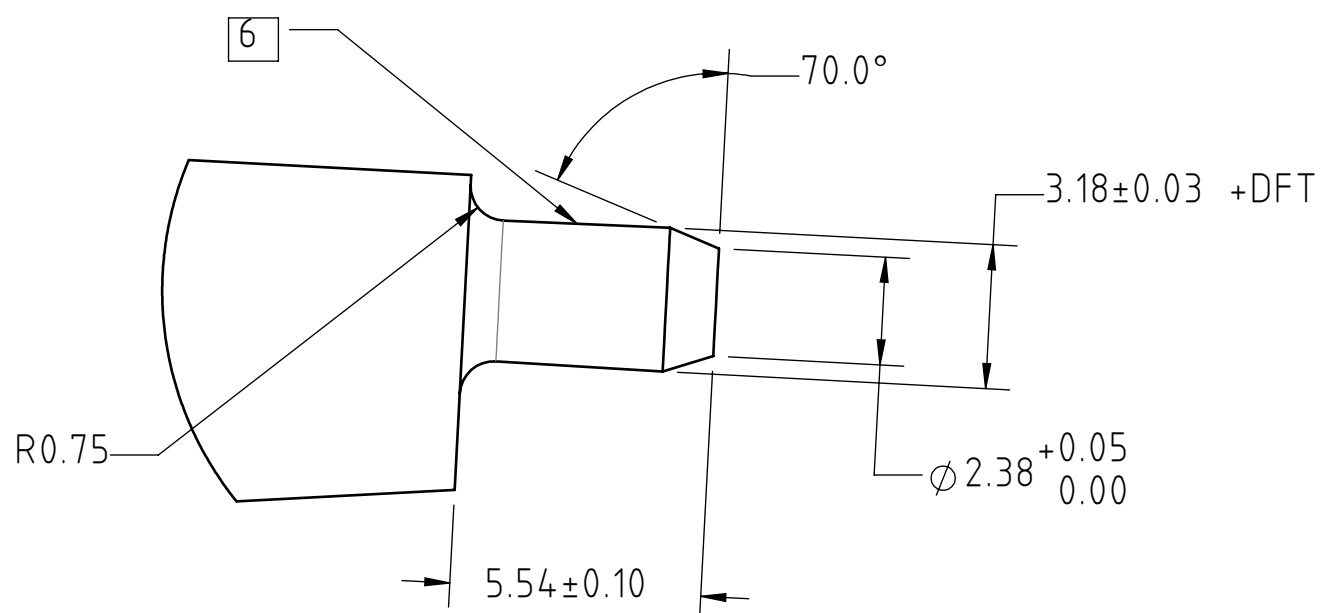
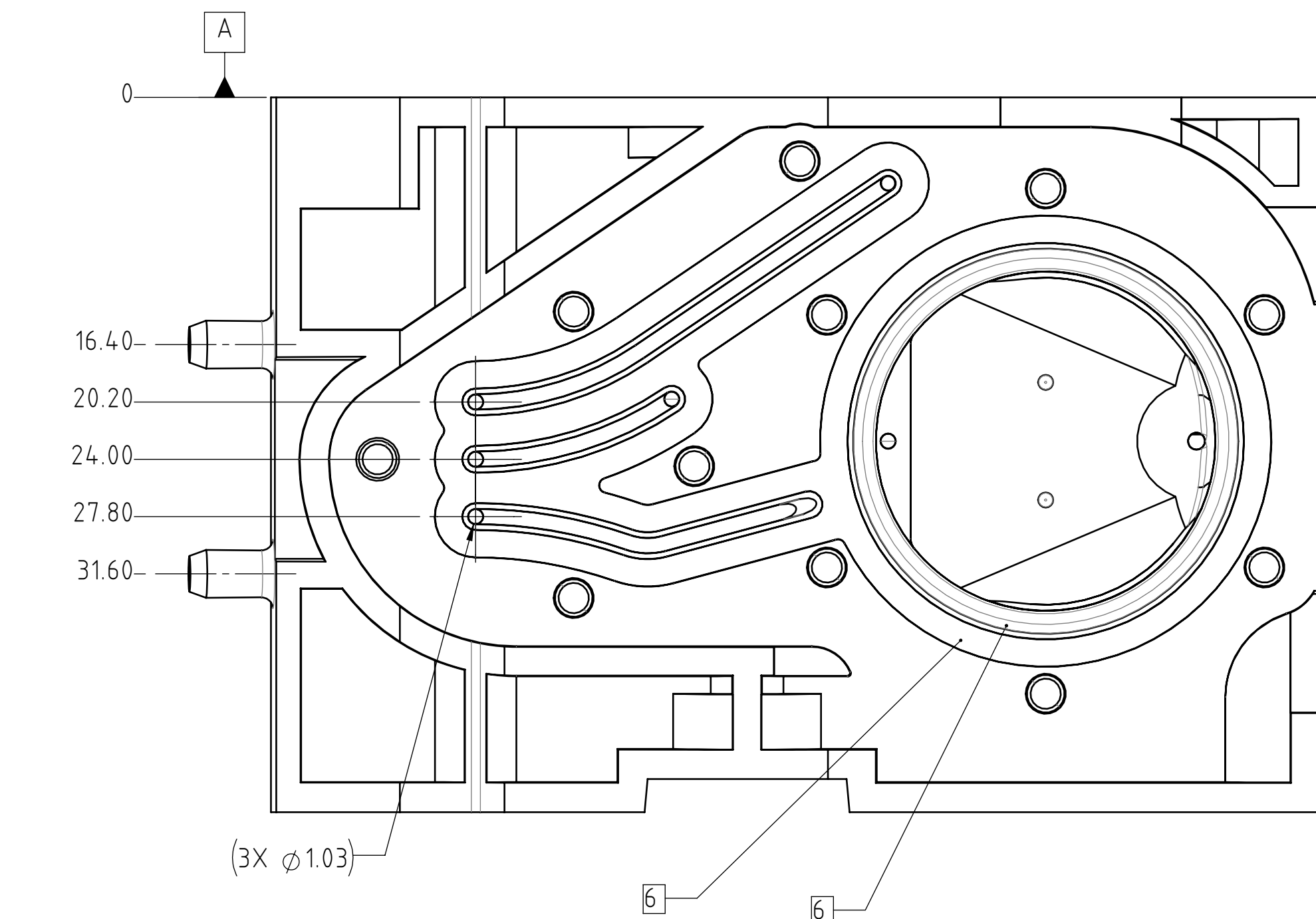


NOTES (UNLESS OTHERWISE SPECIFIED):

1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
2. DIMENSIONS: ALL DIMENSIONS ARE GIVEN IN MILLIMETERS, BEFORE FINISH.
3. MATERIAL: PEEK
4. COLOR: NATURAL
5. NOMINAL WALL THICKNESS:
6. TEXTURE TO BE SPI-SPE A1 WHERE INDICATED.
7. TEXTURE TO BE SPI-SPE B3 WHERE INDICATED.
8. MOLD FINISH ON INTERIOR (NON-APPEARANCE) SURFACES TO BE SPI-SPE B3.
9. STRAIGHT EDGES TO HAVE A STRAIGHTNESS TOLERANCE OF 0.05 PER CENTIMETER, NOT TO EXCEED 0.4 OVER THE ENTIRE SURFACE.
10. FLAT SURFACES TO HAVE A FLATNESS TOLERANCE OF 0.05 PER CENTIMETER, NOT TO EXCEED 0.4 OVER THE ENTIRE SURFACE.
11. GATE TO BE FLUSH +/- 0.5
12. FLASH NOT TO EXCEED 0.1
13. PARTING LINE MISMATCH NOT TO EXCEED 0.1

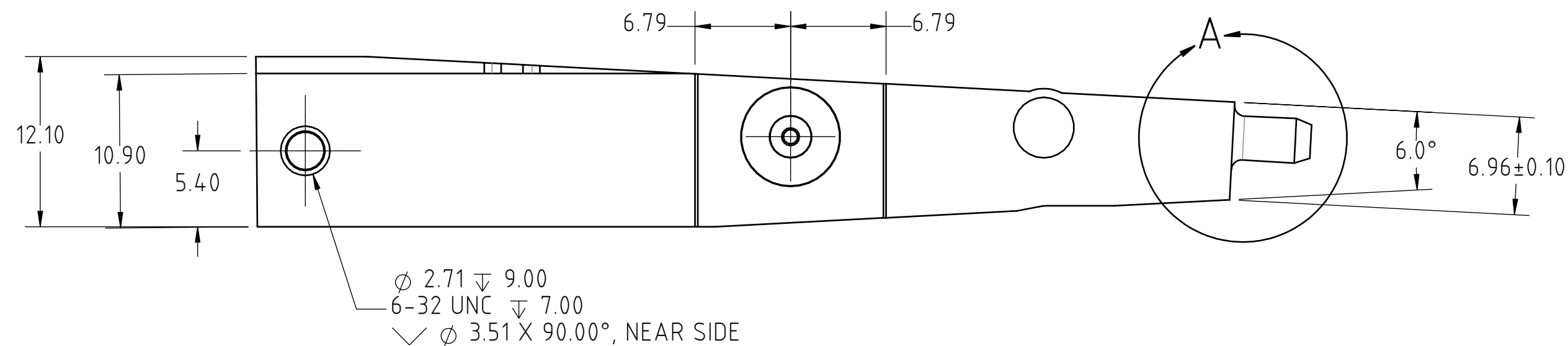
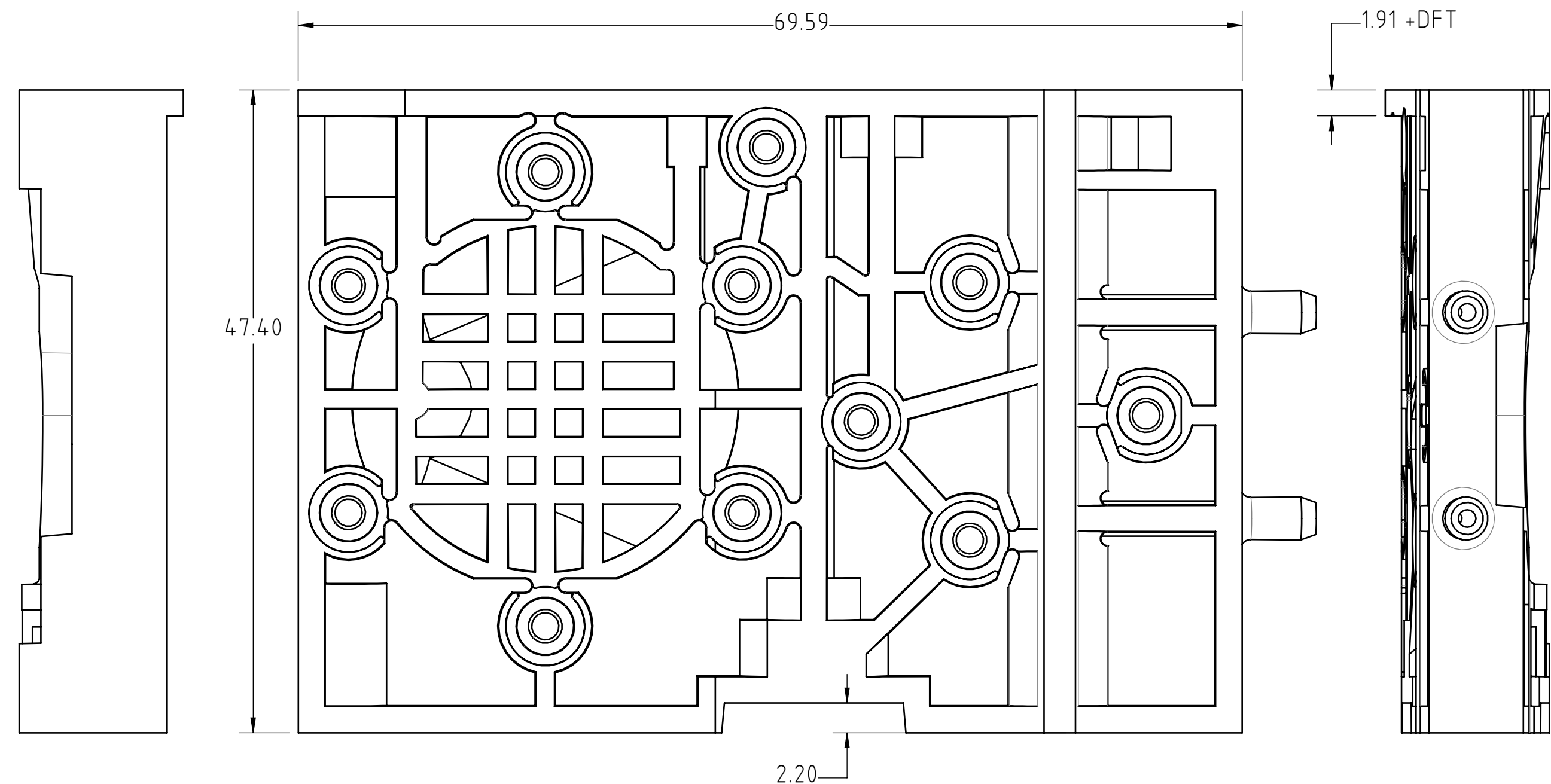
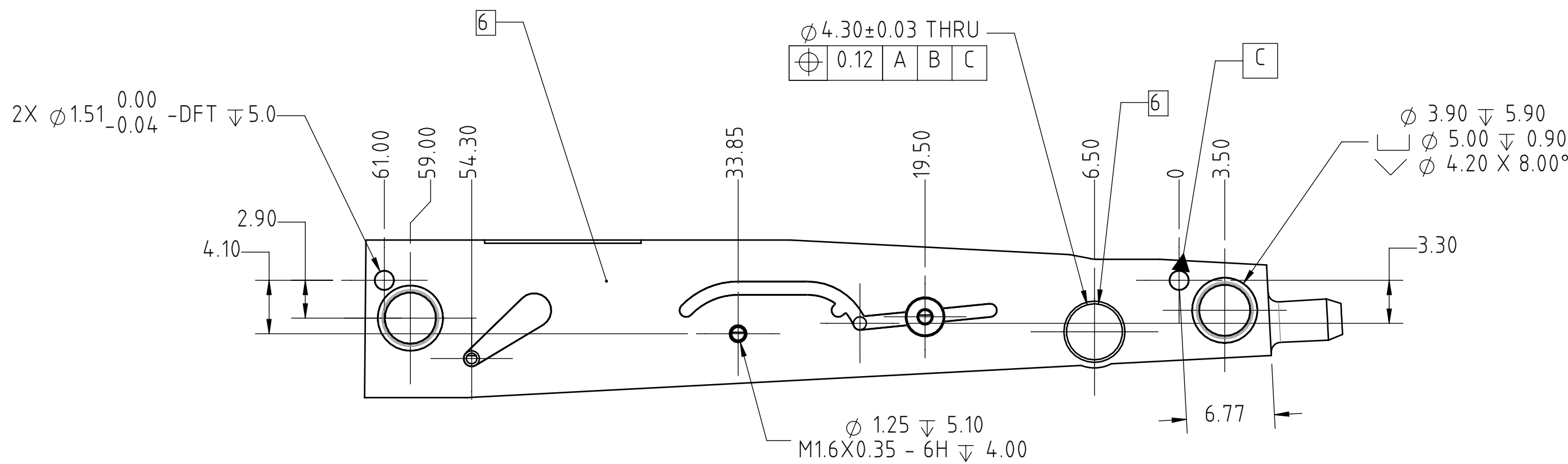
14. ALL INTERIOR (CORE-SIDE) FILLETS AND RADII ARE TO BE R0.1 WHERE PRACTICAL. ALL EXTERNAL (CAVITY SIDE) CORNERS SHOWN AS SHARP TO BE R0.1 MAXIMUM.
15. PART TO BE FREE OF MOLD RELEASE ON APPEARANCE SIDE OF PART
16. MOLD DESIGN TO MINIMIZE EJECTION PIN MARKS, GATE BLUSH, LINES AND WELD MARKS. MOLD CONSTRUCTION TO CONFORM TO GOOD MOLDING INDUSTRY PRACTICES AS STATED IN THE CURRENT EDITION OF "STANDARD PRACTICES OF CUSTOM MOLDERS" BY THE SOCIETY OF PLASTIC INDUSTRY, INC.
17. EJECTION PIN, PARTING LINE, AND GATE LOCATION MUST BE APPROVED BY FUNCTION ENGINEERING PRIOR TO MOLD FABRICATION.
18. MARK PART NUMBER, REVISION, MATERIAL, MONTH AND YEAR APPROXIMATELY WHERE INDICATED.
19. EXTERIOR SURFACES TO BE FREE OF SINKS, GATE MARKS, EJECTOR MARKS, AND OTHER COSMETIC DEFECTS INCLUDING BUT NOT LIMITED TO SPLAY, INCLUDED PARTICLES, BURN MARKS AND SIMILAR IMPERFECTIONS.
20. ALL INSERTS TO BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS. THE USE OF ALTERNATE SOURCES FOR INSERTS MUST BE APPROVED BY FUNCTION ENGINEERING PRIOR TO USE.

- [21] SILKSCREEN: APPLY SILKSCREEN PER ARTWORK P/N _____ WHERE INDICATED.
- [22] PAD PRINTING: APPLY PAD PRINTING PER ARTWORK P/N _____ WHERE INDICATED.
23. THIS DRAWING SHOWS ONLY ENGINEERING CRITICAL TO FUNCTION DIMENSIONS AND DIMENSION FOR ONGOING QC INSPECTION (CIRCLED DIMENSIONS). THESE DIMENSIONS ARE TO BE CONTROLLED BY THE DRAWING TOLERANCE BLOCK UNLESS OTHERWISE SPECIFIED.
24. ALL OTHER NON DIMENSIONED FEATURES ARE TO BE CONTROLLED BY THE CAD DATABASE.
- FILENAME: 010101_LnG_cartridge_bottom_inserts
REVISION: C



2X DETAIL A
SCALE 6 : 1

REVISIONS				
REV	ECO#	DESCRIPTION	DATE	ENGINEER
A		EVT RELEASE	27-JAN-2023	
B		INSERT MOLDED ASSEMBLY	1-JUL-2023	
C		UPDATED TOLERANCES, NO GEOMETRY CHANGE	28-JUL-2023	



UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE		FUNCTION ENGINEERING, INC WWW.FUNCTION.COM					
DIMENSIONS ARE IN MILLIMETERS 0- X < 2 ±0.06 2- X < 10 ±0.08 10- X < 50 ±0.12 50- X < 100 ±0.16 100- X < 200 ±0.20 200- X < 300 ±0.30 PER ADDITIONAL 100 ±0.10 ANGLES ±0.5°		DRAWN				LNG5 CARTRIDGE, ASSEMBLY					
		CHECKED									
		ENGR									
		THIS DOCUMENT AND THE TECHNICAL DATA DISCLOSED ARE PROPRIETARY AND SHALL NOT BE DUPLICATED, USED, RELEASED OR DISCLOSED WITHOUT EXPRESS WRITTEN PERMISSION.									
MATERIAL SEE NOTE		FINISH SEE NOTE		DO NOT SCALE DRAWING		SIZE D		DRAWING NUMBER 010100		REV C	
CAD FILE 010101_LnG_cartridge_bottom						SCALE 3:1		SHEET 1 OF 2			

8

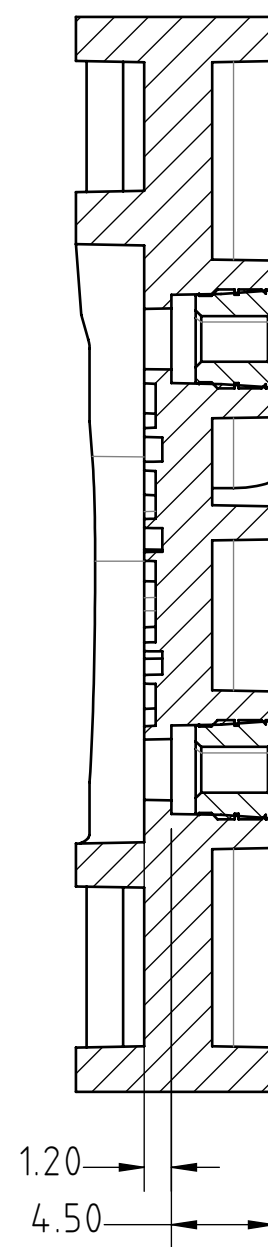
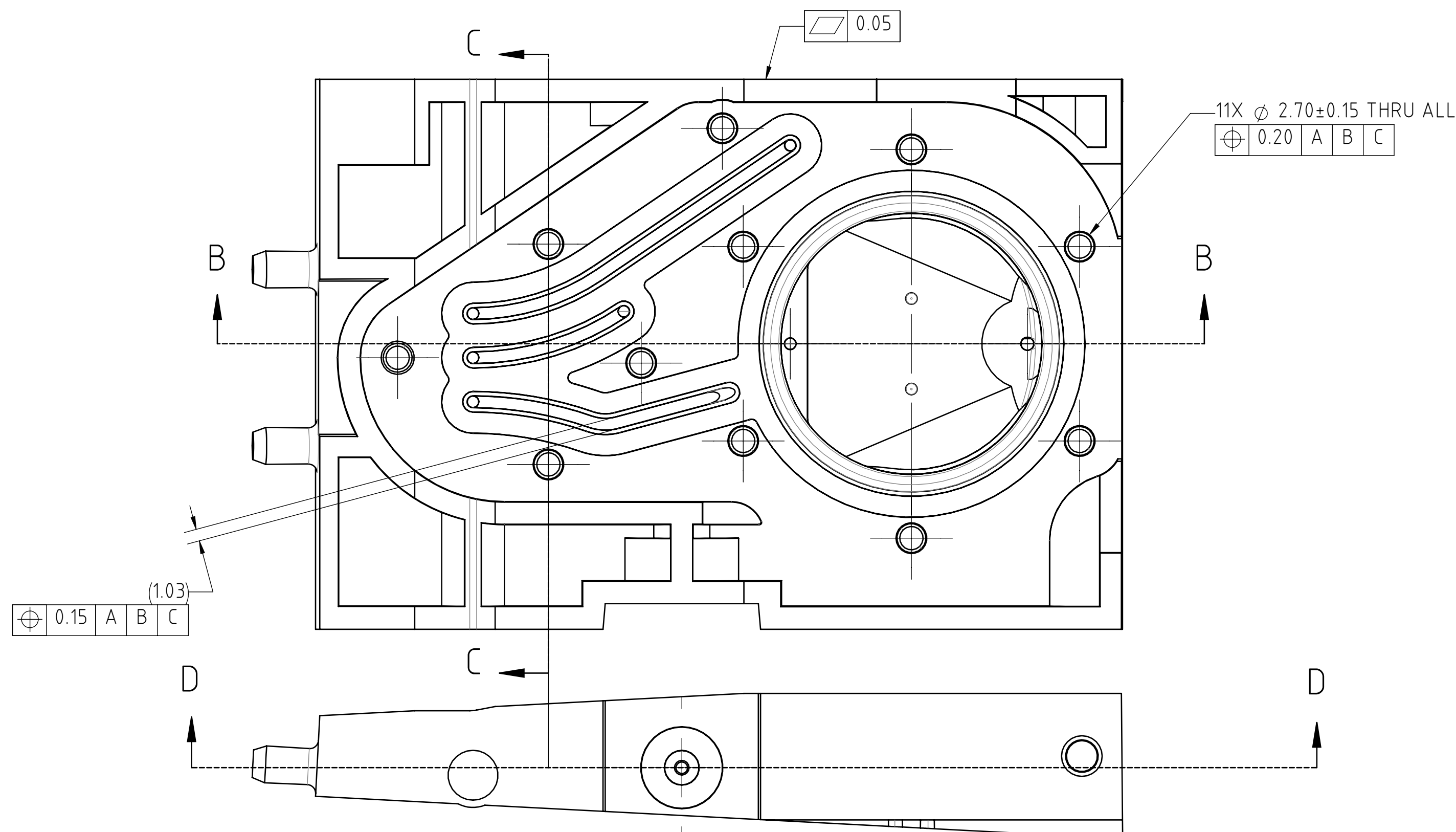
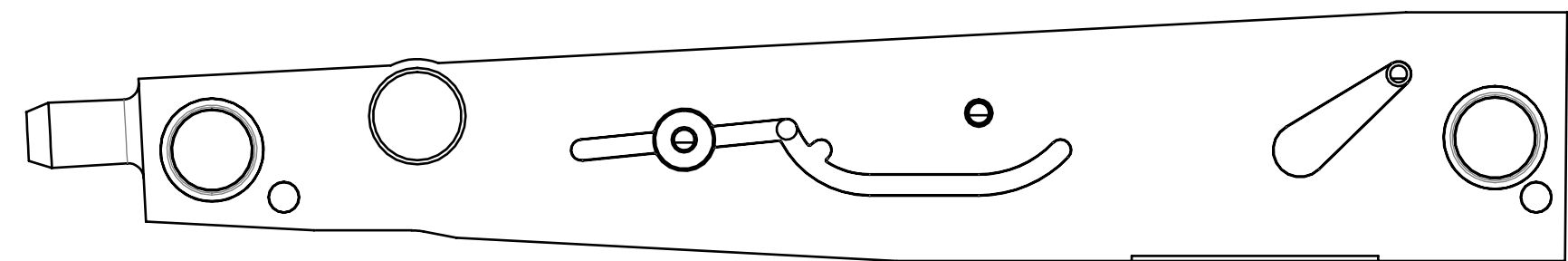
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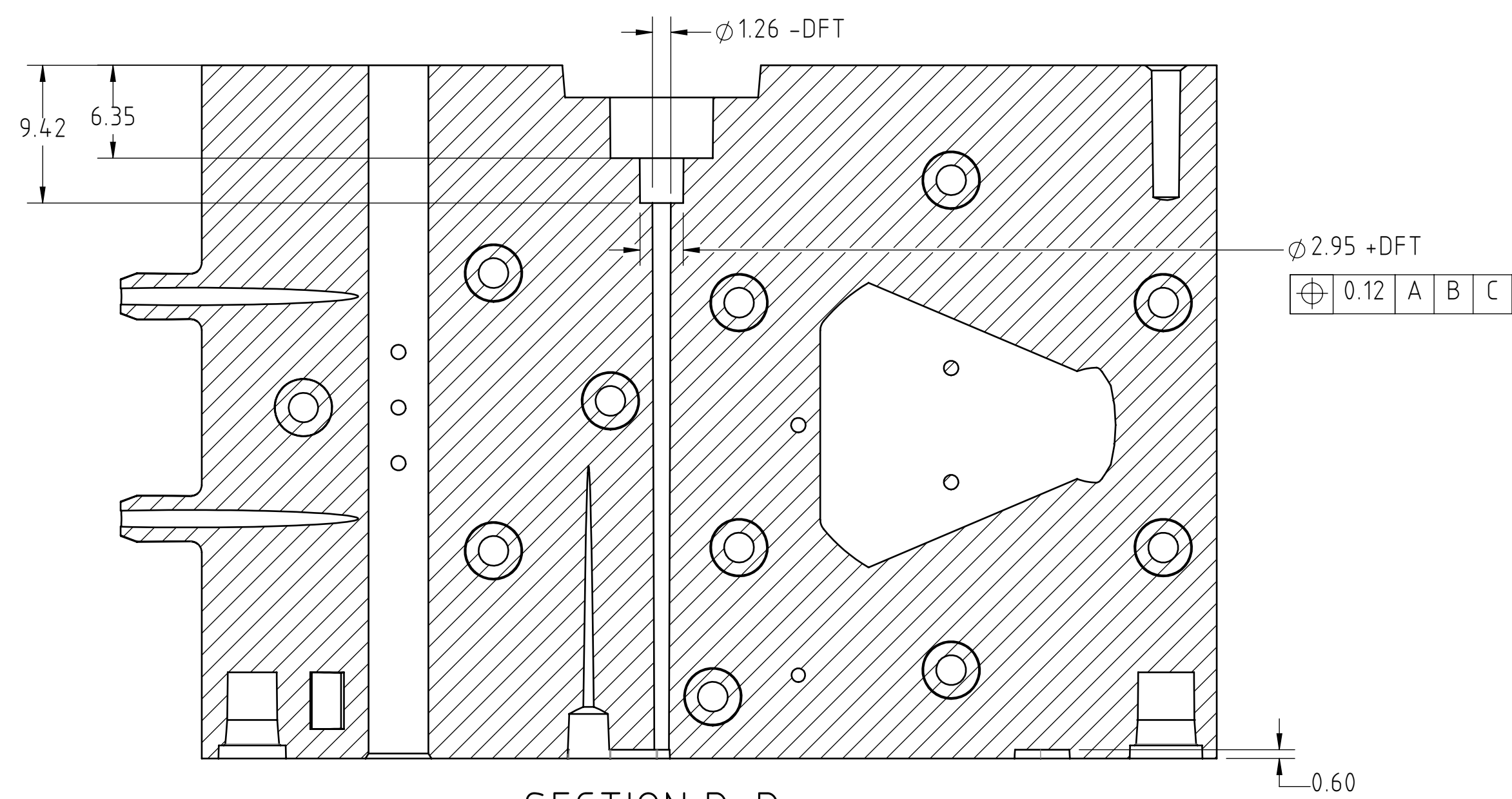
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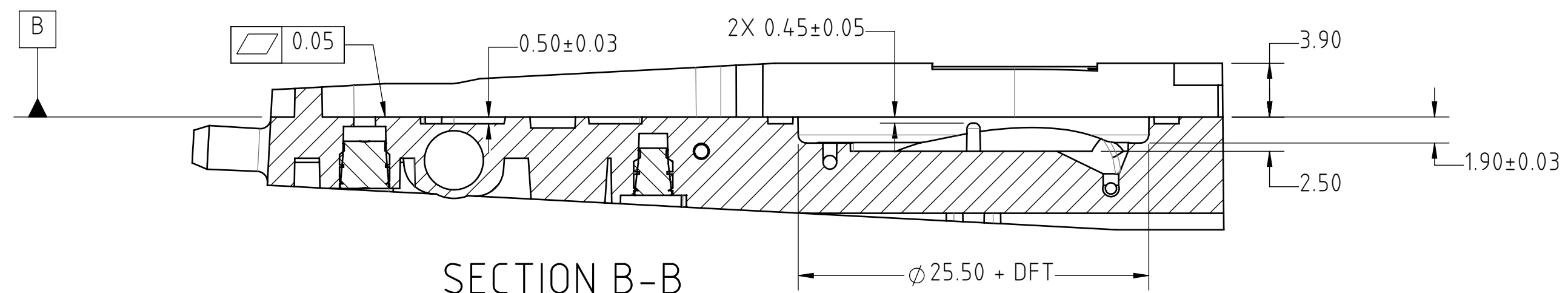
3

SIZE
DPART NUMBER
010100SHEET
2REV
C

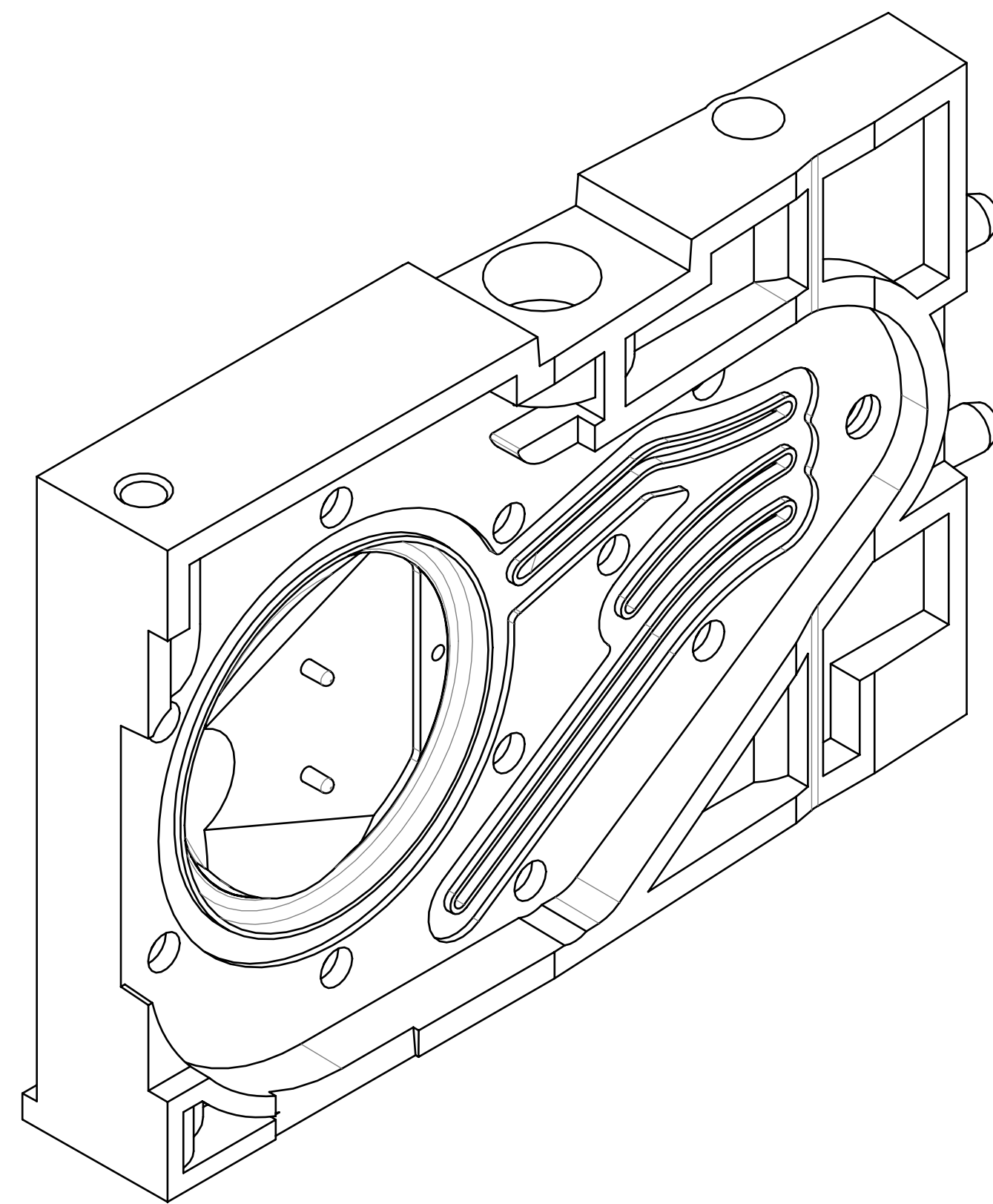
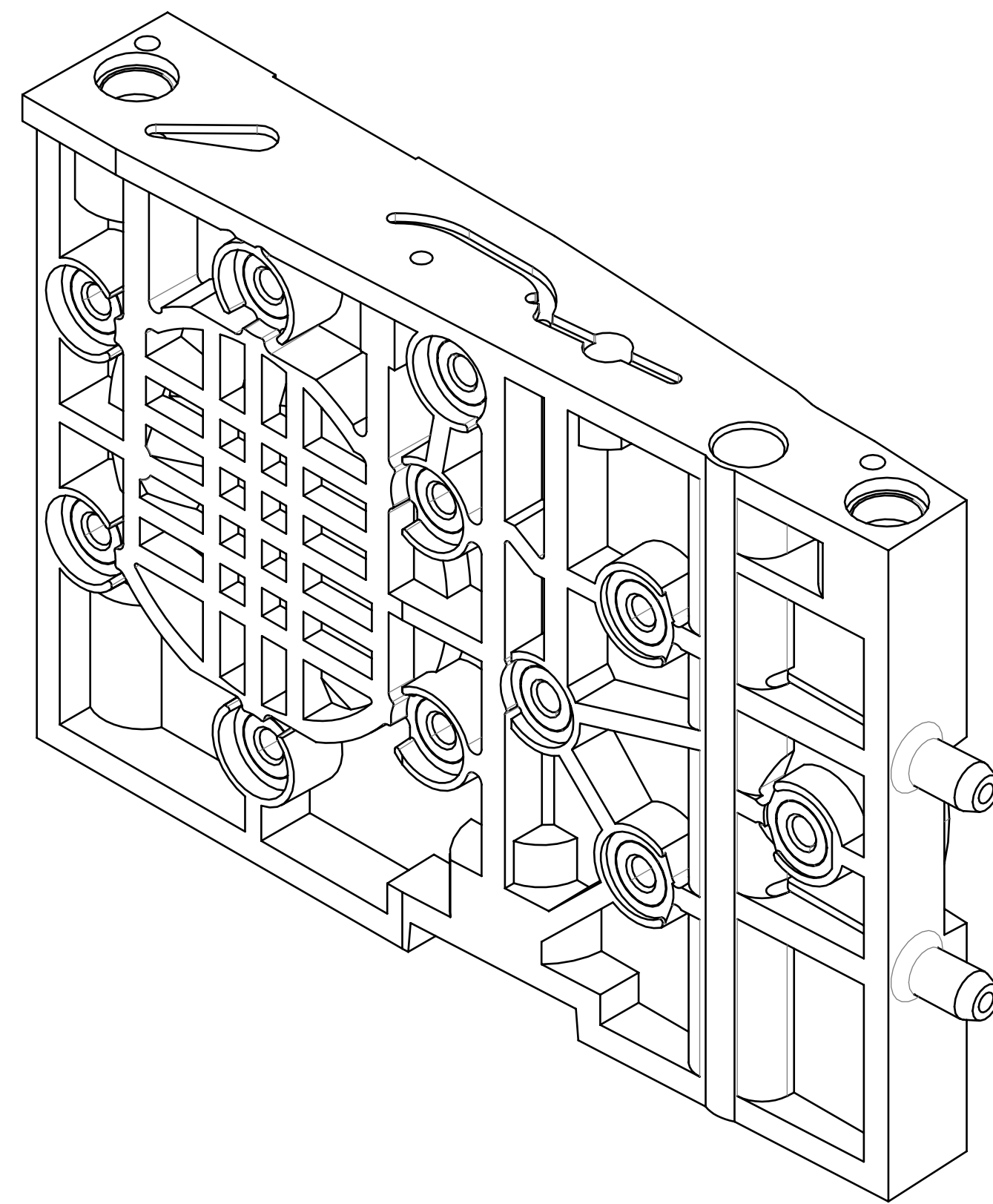
SECTION C-C



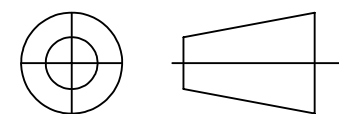
SECTION D-D



SECTION B-B



THIRD ANGLE PROJECTION

FUNCTION ENGINEERING, INC
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CAD FILE 010101_LnG_cartridge_bottom_inserts
DO NOT SCALE DRAWING

LNG5 CARTRIDGE, ASSEMBLY

SIZE D DRAWING NUMBER 010100 REV C
SCALE 3:1 SHEET 2 OF 2