

Note	Pos.	Modified from	Date	Intr.
-	-		-	-

A-A
2:5

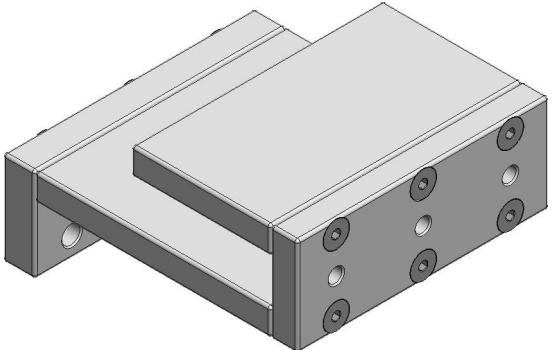
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1:5

ITEM	NAME	QTY
1	FRACTAL_VISE	2
2	BASE_PLATES_ASSEMBLY_REVISION	2
3	BENCH_VISE	1
4	M5x16_HEX_SOCKET_HEAD(SCREW	6
5	M8X25_HEX_SOCKET_HEAD(SCREW	4

Tolerances, if not indicated, according to: AC-STD	Machined Surfaces 1350 K-mK	Heat Treatment 1240 K	Edges and Corners 1436 K	-	
Name Vise Integration Assembly - Upgraded Model				Secrecy class 1102 K/-	Drawing owner TOO
Material -				CAD Creo	
	Scale 3:20	Format A4	Family -	Compare -	
Transferred from -	Drawn Kevin Fahlevi	Blank -		Replaces -	
Cons.class 295 K/-	Rev 0	Status Released	Designation	Sheet 1 (1)	
Mass/Volume -	Date 202-10-18	9438279274.00			

Note	Pos.	Modified from	Date	Intr.
-	-		-	-

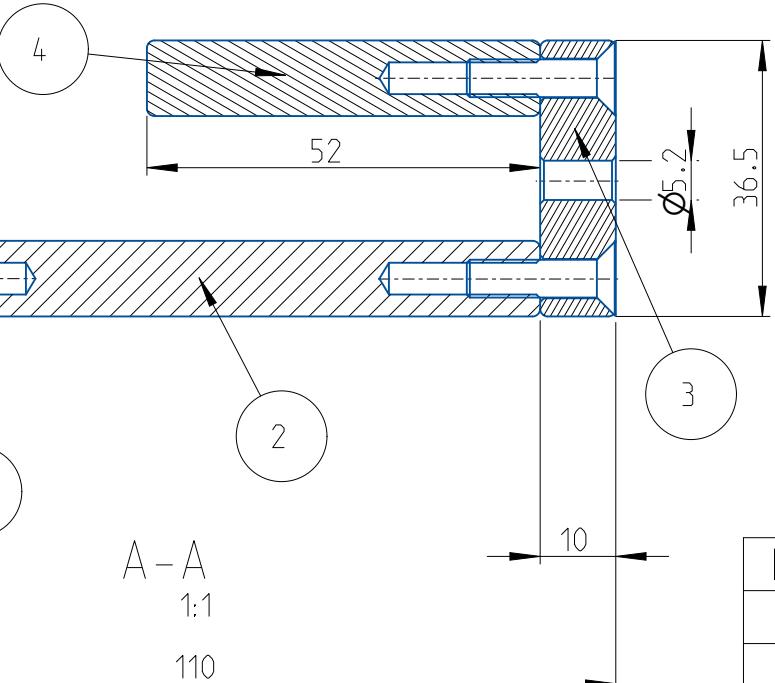


A-A
1:1
110

35
M8x1.25 STD
M5x20

36.5
 $\varnothing 5.2$
52

35
10



94

3.2 ✓ (✓)

61.5

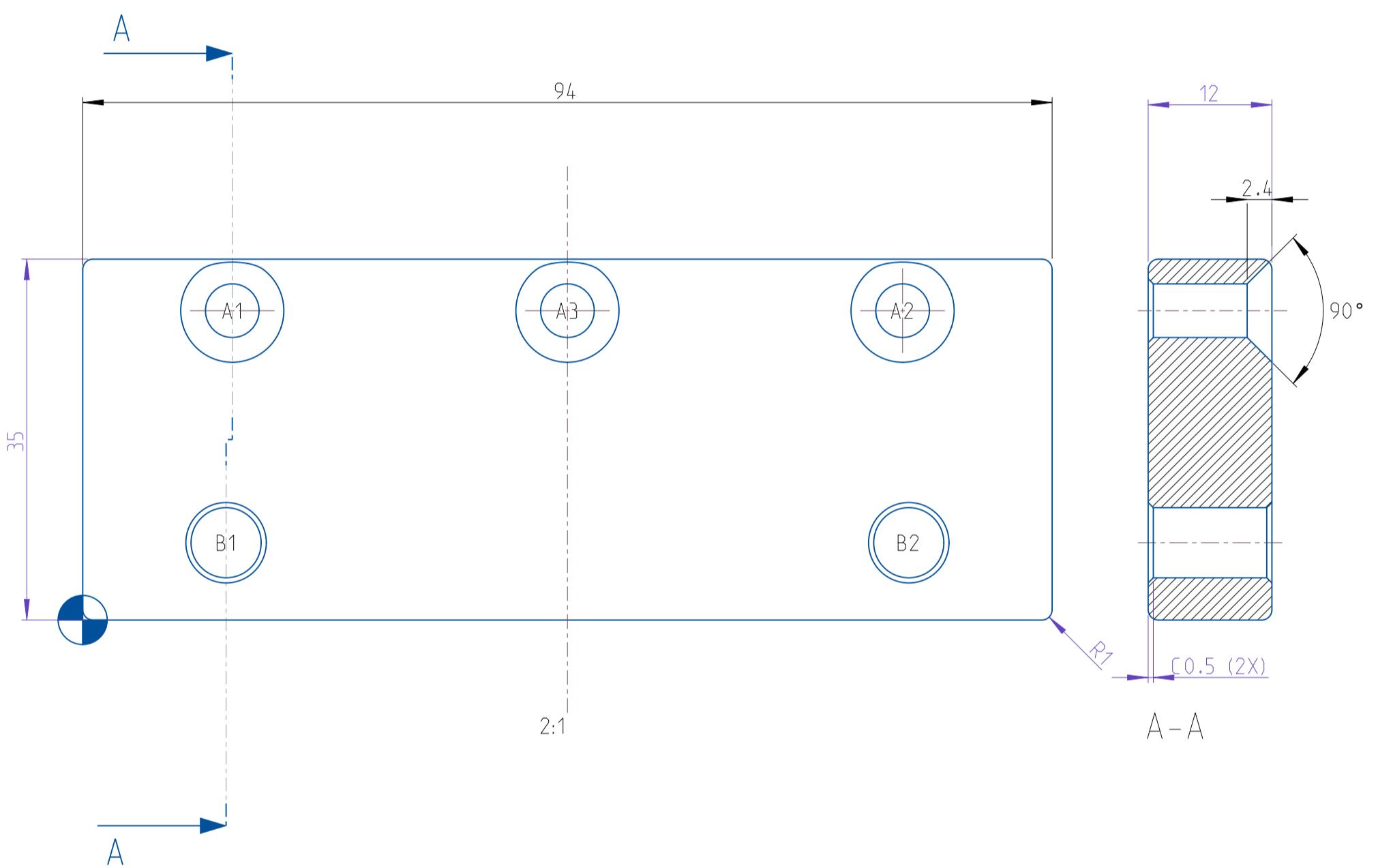
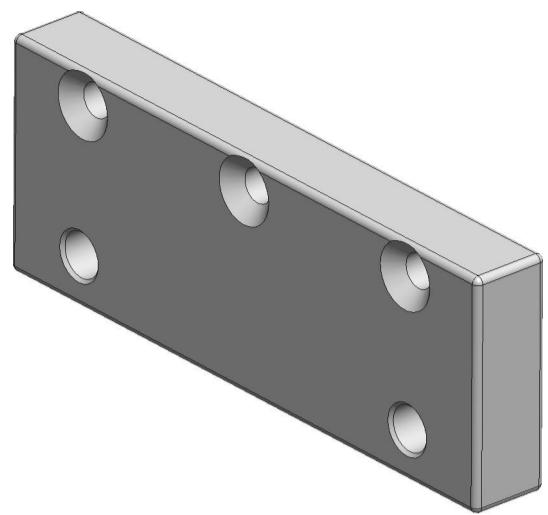
A A

ITEM	NAME	QTY
1	BASE_PLATE_1	1
2	BASE_PLATE_2	1
3	BASE_PLATE_3_REVISION	1
4	BASE_PLATE_4	1
5	M5X20_COUNTERSINK_SCREW	9

Tolerances, if not indicated, according to:	Machined Surfaces	Heat Treatment	Edges and Corners	-	
AC-STD	1350 K-mK	1240 K	1436 K		
Name	Base Plates Assembly - Mounting Interface				-
Material	AL 99.5				Secrecy class 1102 K/- CAD Creo
-					
Atlas Copco	Scale 1:1	Format A4	Family -	Compare -	Drawing owner TOO
Transferred from -	Drawn Kevin Fahlevi	Blank -	Replaces -		
Cons.class 295 K/-	Rev 0	Status Released	Designation	Sheet 1 (1)	
Mass/Volume 489.08 g	Date 2025.10.09	9438279274.13			

Model name BASE_PLATE_ASSEMBLY_REV
Drawing name BASE_PLATE_ASSEMBLY_REF
Drawing Ver S8

Model name	BASE_PLATE_1	Rev.Ver	-	-	Note	Pos.	Modified from	Date	Intr.
Drawing name	BASE_PLATE_1	Rev.Ver	**	*				3.2	/ \ / \ /

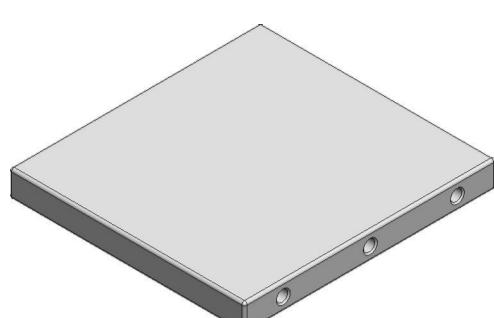


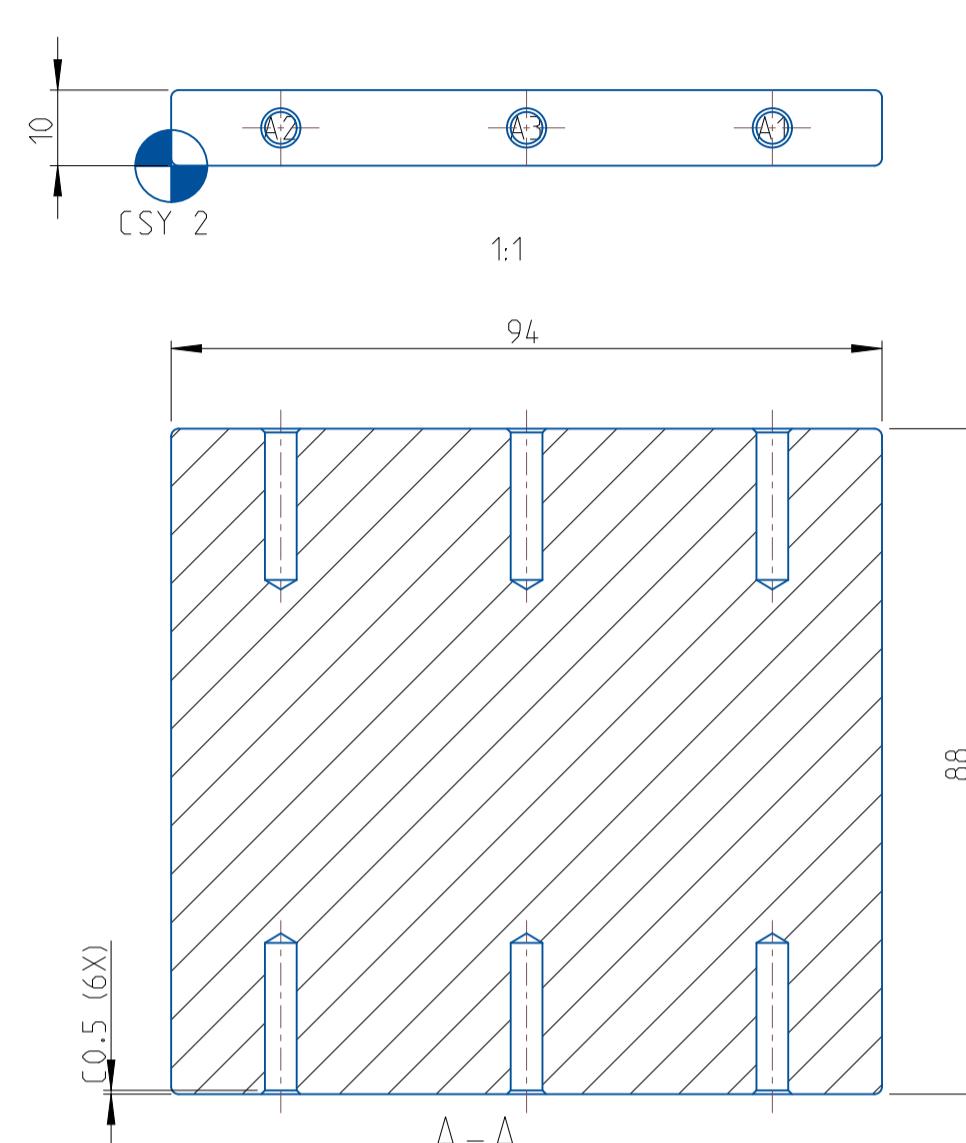
	Coordinate	Coordinate	Diameter	Screw Size
Hole No.	X	Y	ϕ	SCREW_SIZE
A1	14.5	30.0	5.2	
A2	79.5	30.0	5.2	
A3	47.0	30.0	5.2	
B1	13.9	7.5	M8x1.25(STD)	ISOM8x1.25(STD)
B2	80.1	7.5	M8x1.25(STD)	ISOM8x1.25(STD)

Tolerances, if not indicated, according to: AC-STD	Machined Surfaces 1350 K-mK	Heat Treatment 1240 K	Edges and Corners 1436 K	-	Secrecy class 1102 K/-	
Name Base Plate 1				-		
Material Al 99.5					CAD Creo	
-						
	Scale 2:1	Format A4	Family -	Compare -	Drawing owner -	
	Drawn Kevin Fahlevi		Blank -	Replaces -		
Transferred from -	Cons.class 1295 K/-	Rev 0	Status Released	Designation 9438279274.09	Sheet 1 (2)	
	Mass/Volume 83.54 g		Date 2025-04-30			

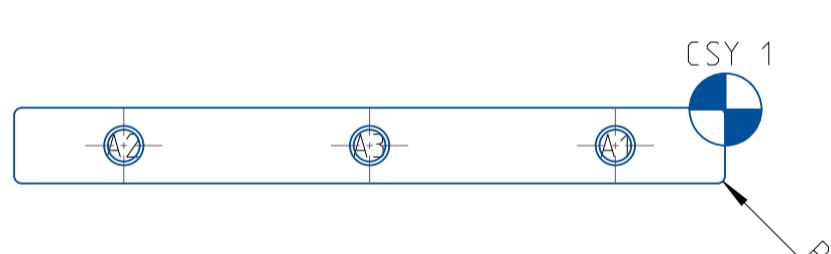
Rev.Ver	-	-		-	-
Note	Pos.	Modified from		Date	Intr.
Model name	BASE_PLATE_2	Drawing name	BASE_PLATE_2	Rev.Ver	**

3.2 ✓ ✓





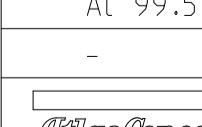
1:1



Hole No.	Coordinate X	Coordinate Y	Diameter
A1	14.5	5.0	M5x.8(STD) ISO
A2	79.5	5.0	M5x.8(STD) ISO
A3	47.0	5.0	M5x.8(STD) ISO

Hole No.	Coordinate X	Coordinate Y	Diameter
A1	79.5	5.0	M5x.8(STD) ISO
A2	14.5	5.0	M5x.8(STD) ISO
A3	47.0	5.0	M5x.8(STD) ISO

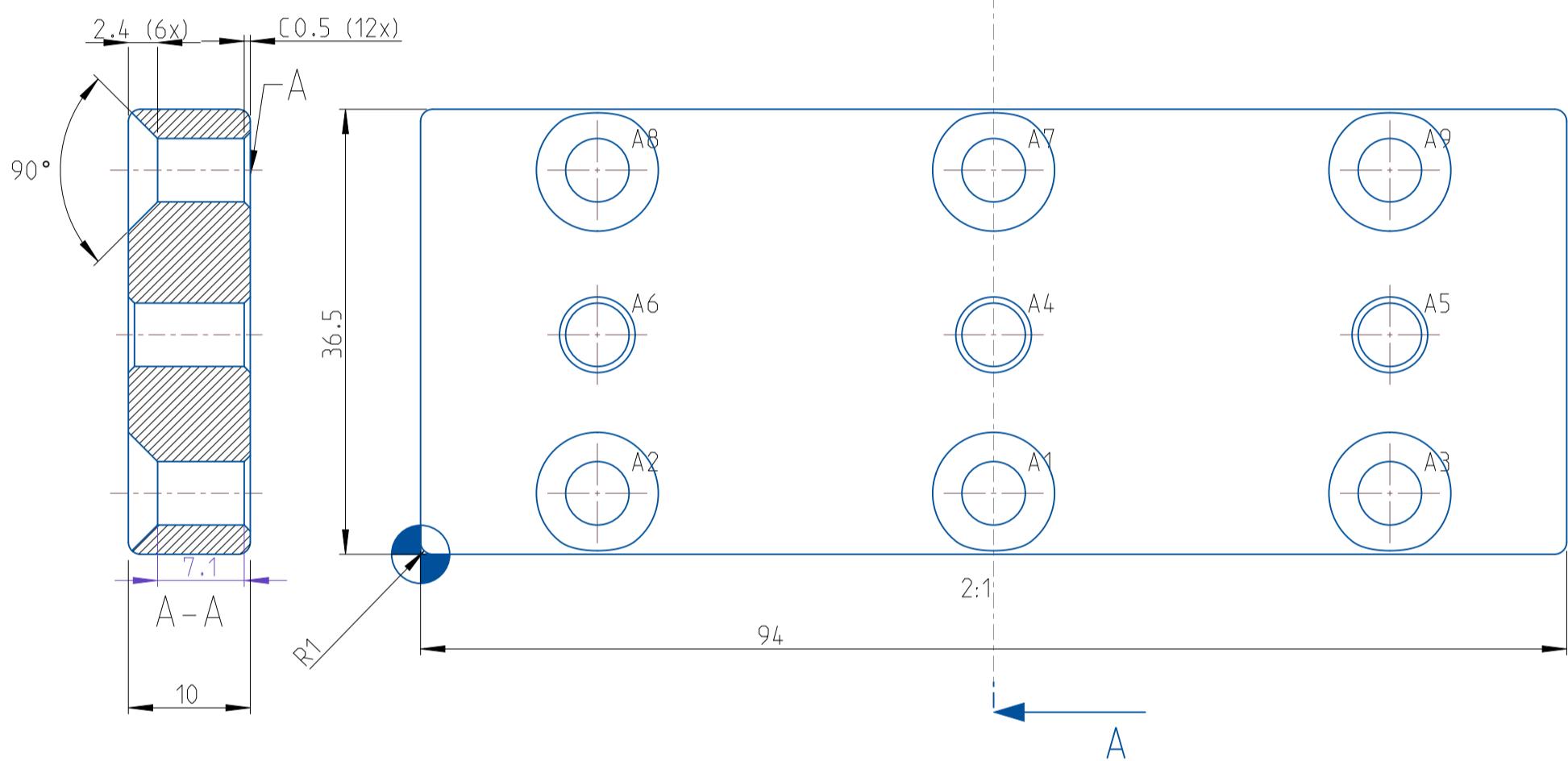
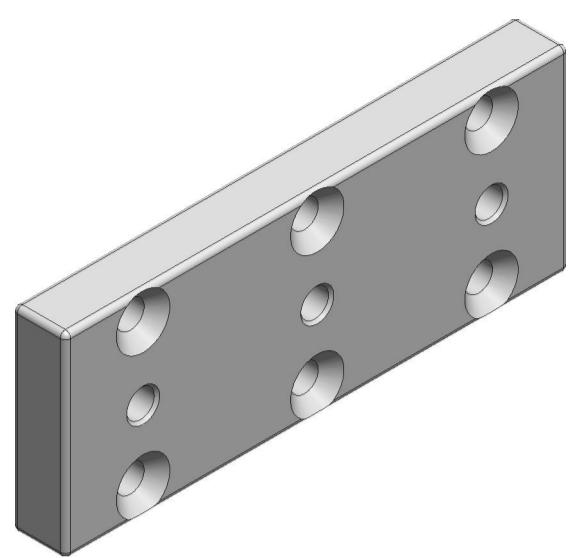
Tolerances, if not indicated, according to:		Machined Surfaces	Heat Treatment	Edges and Corners	-	
AC-STD		1350 K-mK	1240 K	1436 K		
Name	Base Plate 2					-
Material	Al 99.5					Secrecy class 1102 K/- CAD Creo
-						

	Scale	1:1	Format	A4	Family	-	Compare	-	Drawing owner
	Drawn	Kevin Fahlevi			Blank	-	Replaces	-	
Transferred from	Cons.class	1295 K/-	Rev	0	Status	Released	Designation	Sheet 1 (1)	
-	Mass/Volume	216.73 g			Date	2025-04-22	9438279274.10		

Note	Pos.	Modified from	Date	Intr.
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3.2 ✓✓✓

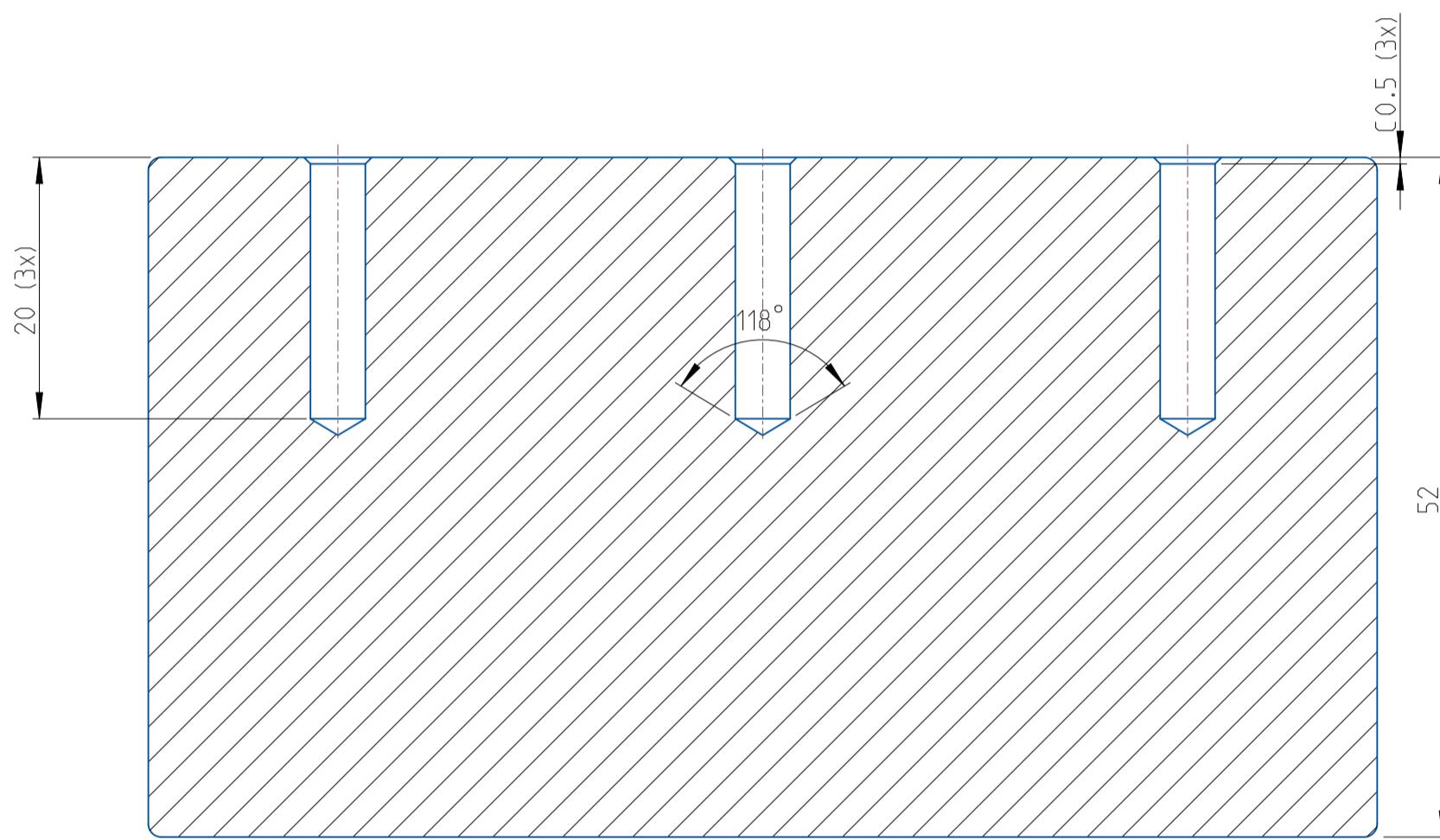
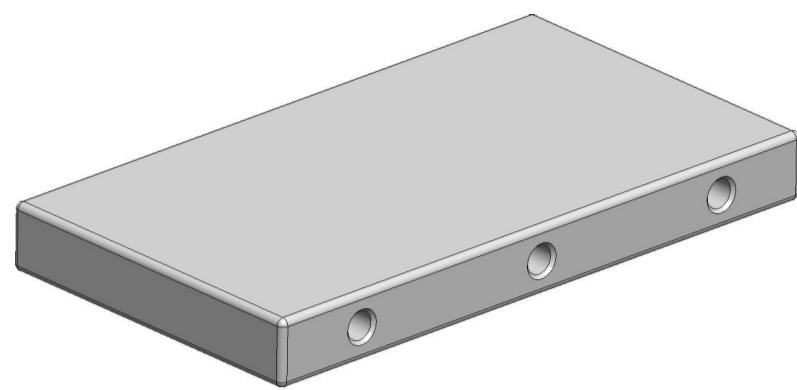
Model name	BASE_PLATE_3_REVISION	Rev.Ver
Drawing name	BASE_PLATE_3_REVISION	Rev.Ver ***



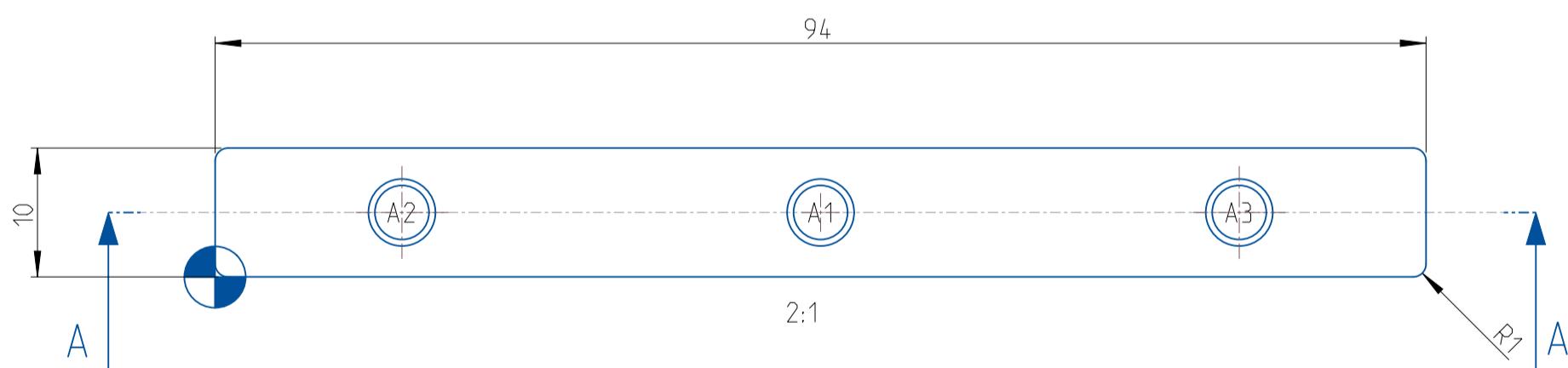
Hole No.	Coordinate X	Coordinate Y	Diameter Ø
A1	47.000	5.000	5.200
A2	14.500	5.000	5.200
A3	79.500	5.000	5.200
A4	47.000	18.000	5.200
A5	79.500	18.000	5.200
A6	14.500	18.000	5.200
A7	47.000	31.500	5.200
A8	14.500	31.500	5.200
A9	79.500	31.500	5.200

Tolerances, if not indicated, according to: AC-STD	Machined Surfaces 1350 K-mK	Heat Treatment 1240 K	Edges and Corners 1436 K	-	
Name Base Plate 3				-	Secrecy class
Material Al 99.5					1102 K/-
-					CAD Creo
<i>Atlas Copco</i>	Scale 2:1	Format A4	Family -	Compare -	Drawing owner -
	Drawn Kevin Fahlevi		Blank -	Replaces -	
Transferred from -	Cons.class 1295 K/-	Rev 1	Status Released	Designation Sheet 1 (1)	
	Mass/Volume 60.71 g		Date 2025-07-17	9438279274.11	

Model name	BASE_PLATE_4	Rev.Ver	-	-	Note	Pos.	Modified from	Date	Intr.
Drawing name	BASE_PLATE_4	Rev.Ver	**	*				3.2	/ \ / \ /



A-A



	Coordinate	Coordinate	Diameter
Hole No.	X	Y	\emptyset
A1	47.0	5.0	M5x.8(STD) ISO
A2	14.5	5.0	M5x.8(STD) ISO
A3	79.5	5.0	M5x.8(STD) ISO

Tolerances, if not indicated, according to: AC-STD	Machined Surfaces 1350 K-mK	Heat Treatment 1240 K	Edges and Corners 1436 K	-	-
Name Base Plate 4				-	-
Material Al 99.5				-	-
-				-	-
Atlas Copco	Scale 2:1	Format A4	Family -	Compare -	Drawing owner -
	Drawn Kevin Fahlevi		Blank -	Replaces -	
Transferred from -	Cons.class 1295 K/-	Rev 0	Status Released	Designation Sheet 1 (1)	
	Mass/Volume 128.1 g		Date 2025.08.08	9438279274.12	

Note	Pos.	Modified from	Date	Intr.	
-	-		-	-	3.2 ✓ (✓)

ITEM

1	BRASS_THREADED_INSERT	3
2	M3_HEXAGONAL_NUT	16
3	M3X10_BOLT	4
4	M3X12_BOLT	8
5	M3X20_BOLT	2
6	M3X30_BOLT	2
7	PART1	1
8	PART2	1
9	PART3	1
10	PART4	2
11	PART5	2
12	PART6	4
13	PART7	4
14	PART8	16

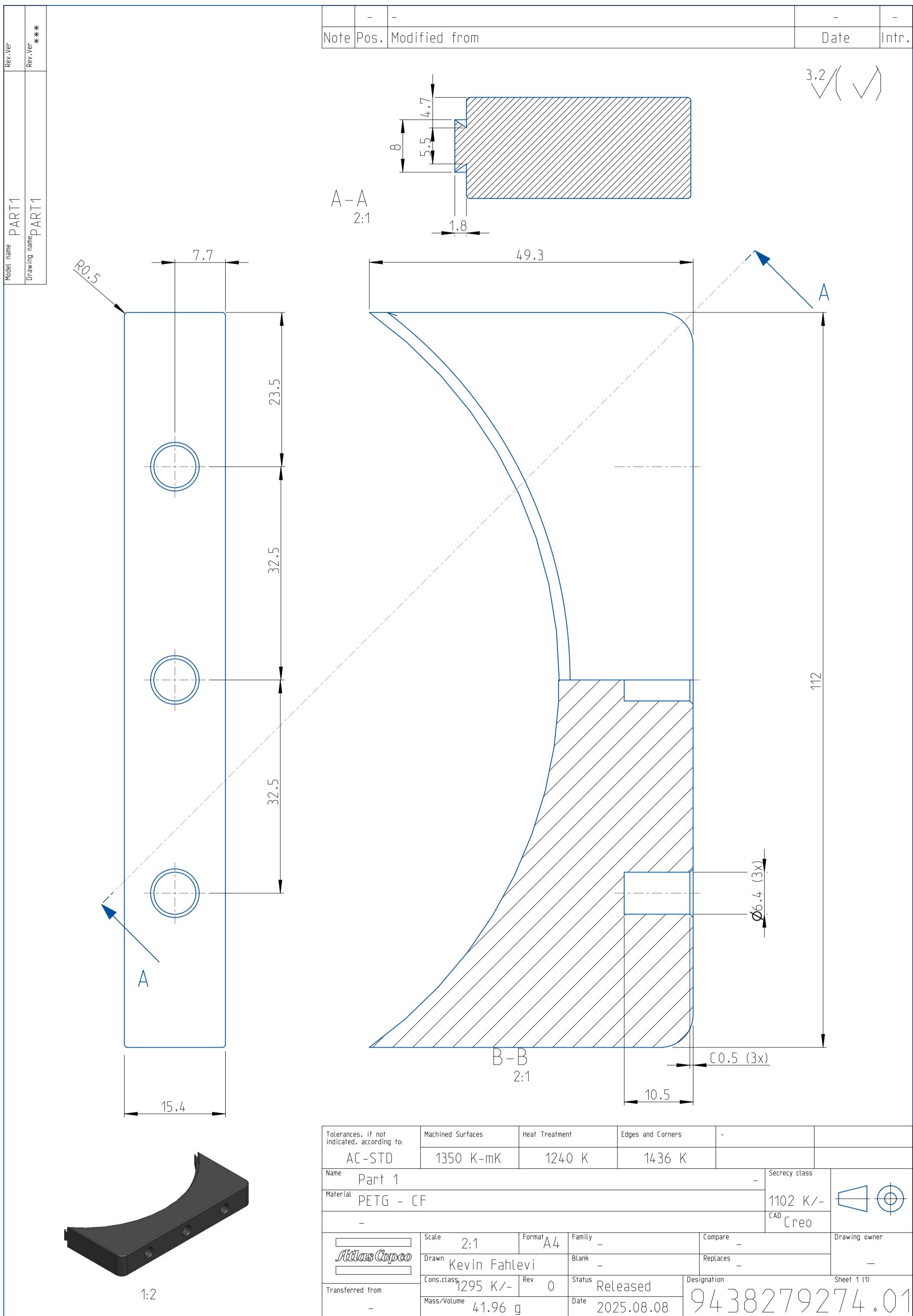
Rev. Ver. Rev. Ver. ***

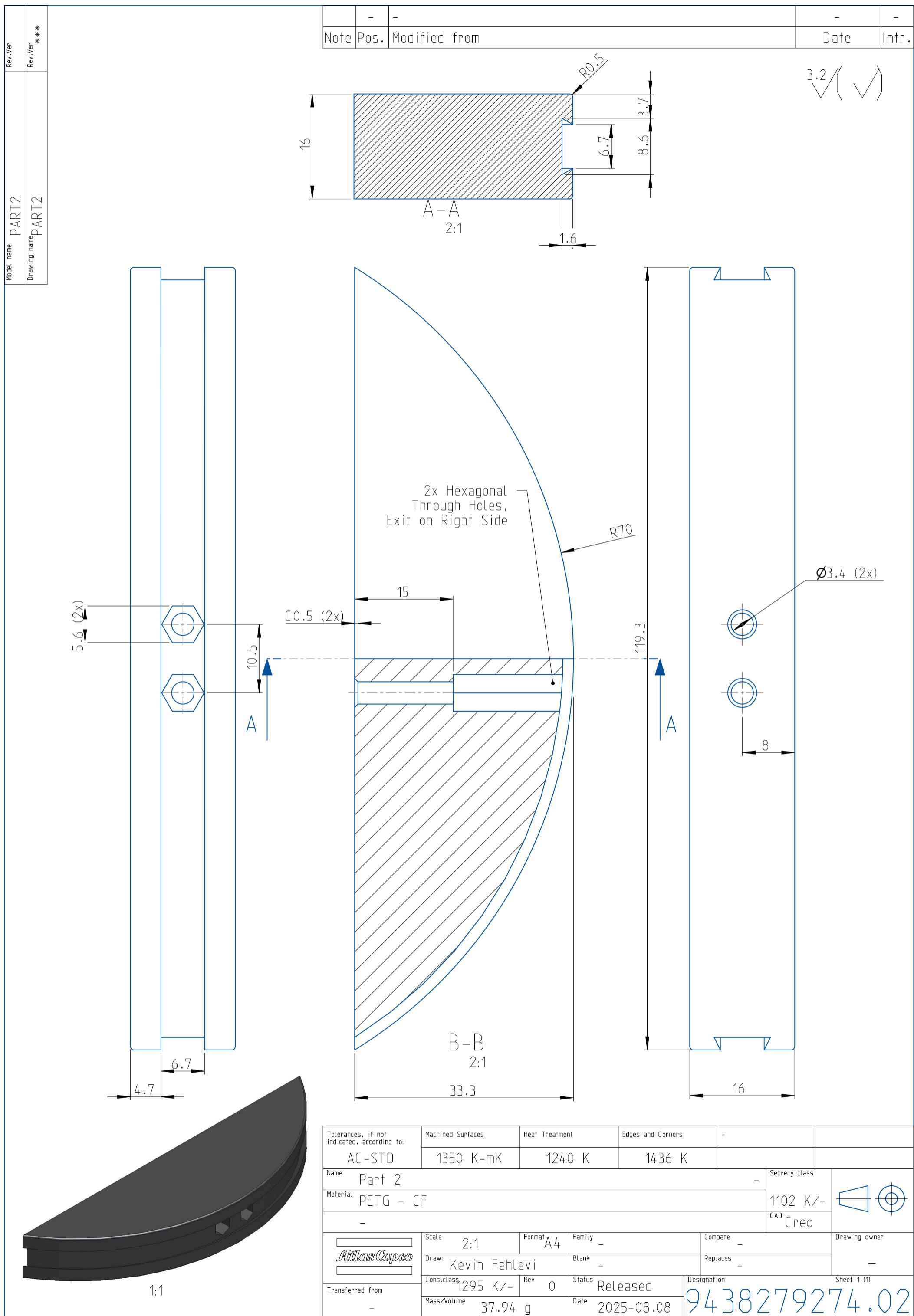
Model name FRACTAL_VISE

Drawing name FRACTAL_VISE

Drawing number 9438279274.14

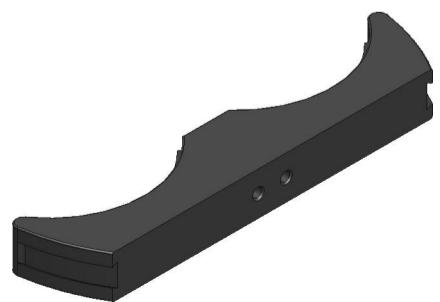
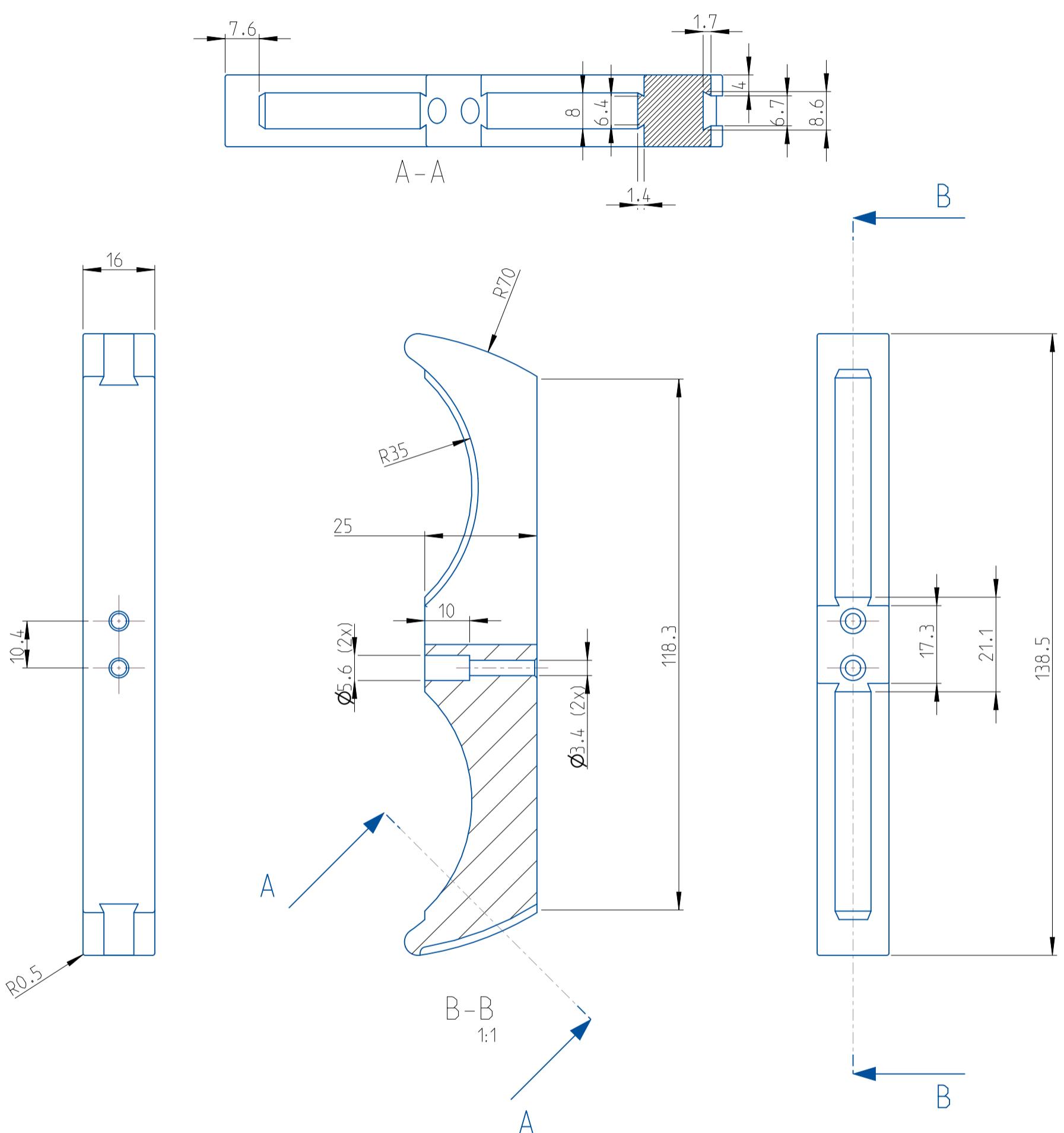
Tolerances, if not indicated, according to:	Machined Surfaces	Heat Treatment	Edges and Corners	-	
AC-STD	1350 K-mK	1240 K	1436 K		
Name	Fractal Vise Assembly				-
Material	PETG-CF				Secrecy class 1102 K/- CAD Creo
-					
Atlas Copco	Scale 1:2	Format A4	Family -	Compare -	Drawing owner TOO
Transferred from -	Drawn Kevin Fahlevi	Blank -	Replaces -		
Cons.class 295 K/-	Rev 0	Status Released	Designation	Sheet 1 (1)	
Mass/Volume -	Date 2025-10-25				





Model name	PART3	Rev.Ver	-	Note	Pos.	Modified from	-	Date	Intr.
Drawing name	PART3	Rev.Ver	**						

3.2 ✓✓✓



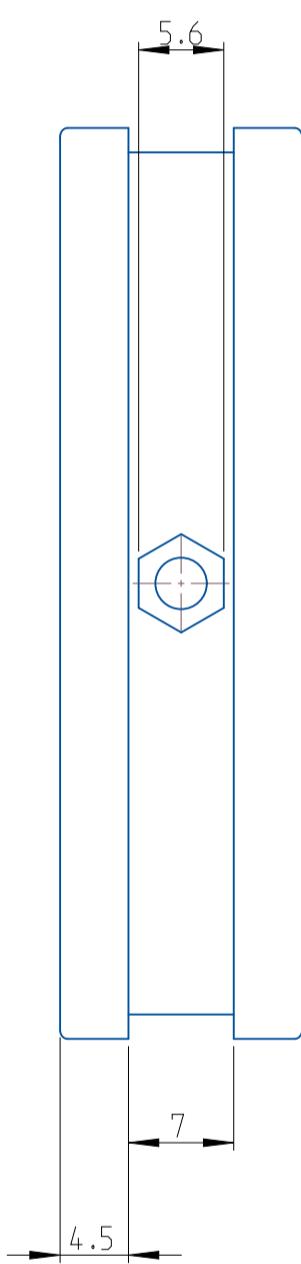
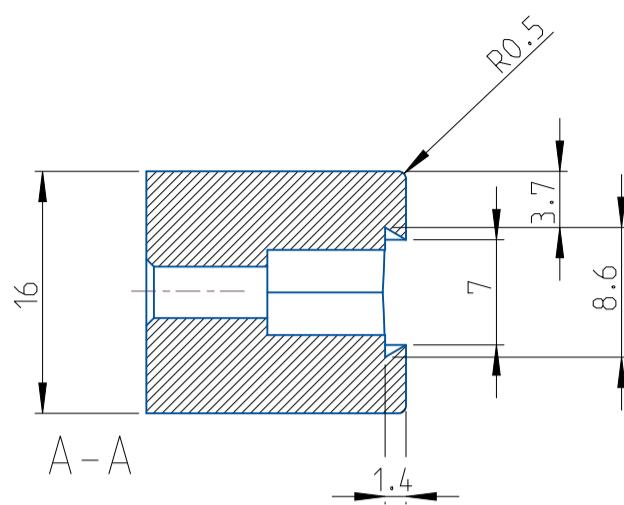
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Tolerances, if not indicated, according to:	Machined Surfaces	Heat Treatment	Edges and Corners	-	
AC-STD	1350 K-mK	1240 K	1436 K		
Name	Part 3			-	Secrecy class
Material	PETG - CF				1102 K/-
-					CAD Creo
Atlas Copco	Scale 1:1	Format A4	Family -	Compare -	Drawing owner
	Drawn Kevin Fahlevi		Blank -	Replaces -	
Transferred from	Cons.class 1295 K/-	Rev	Status	Designation	Sheet 1 (1)
-	Mass/Volume 33.93 g		Date 2025-08-15	9438279274.03	

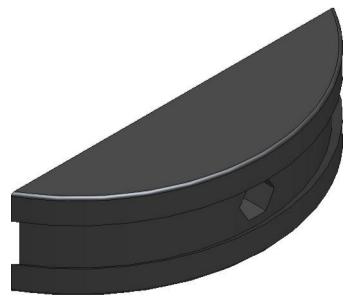
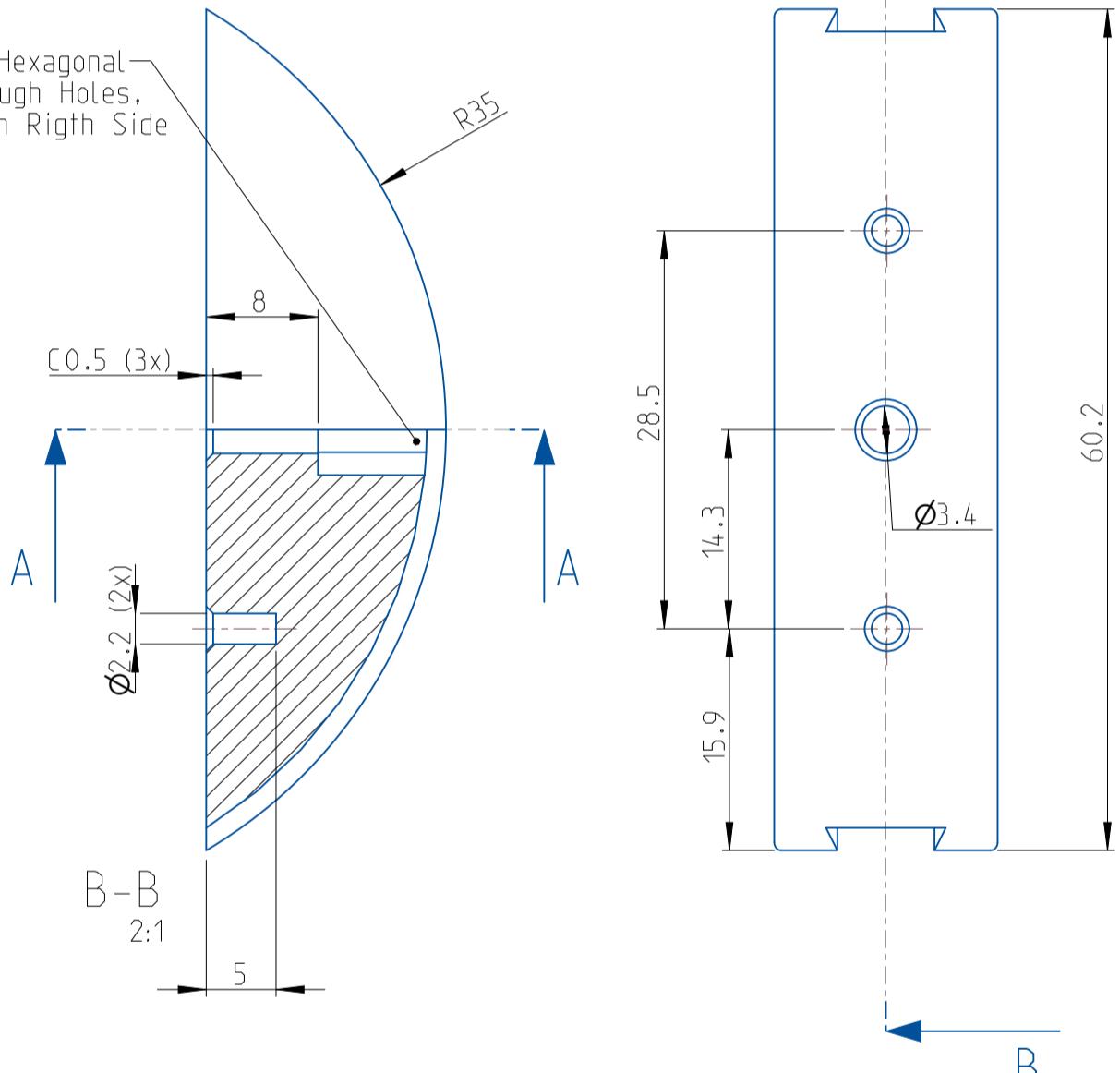
Rev.Ver	-	-					
Note	Pos.	Modified from			Date	Intr.	

3.2 ✓✓✓

Model name PART 4
Drawing name PART 4



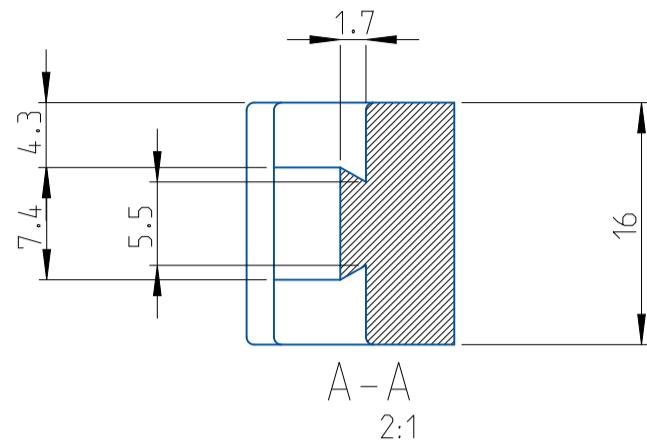
1x Hexagonal
Through Holes,
Exit on Right Side



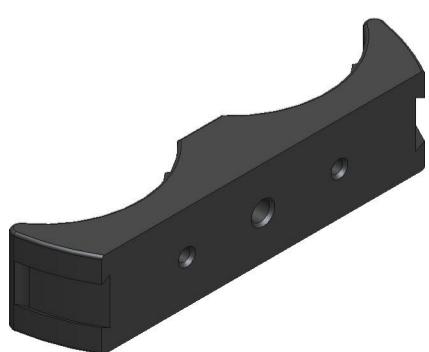
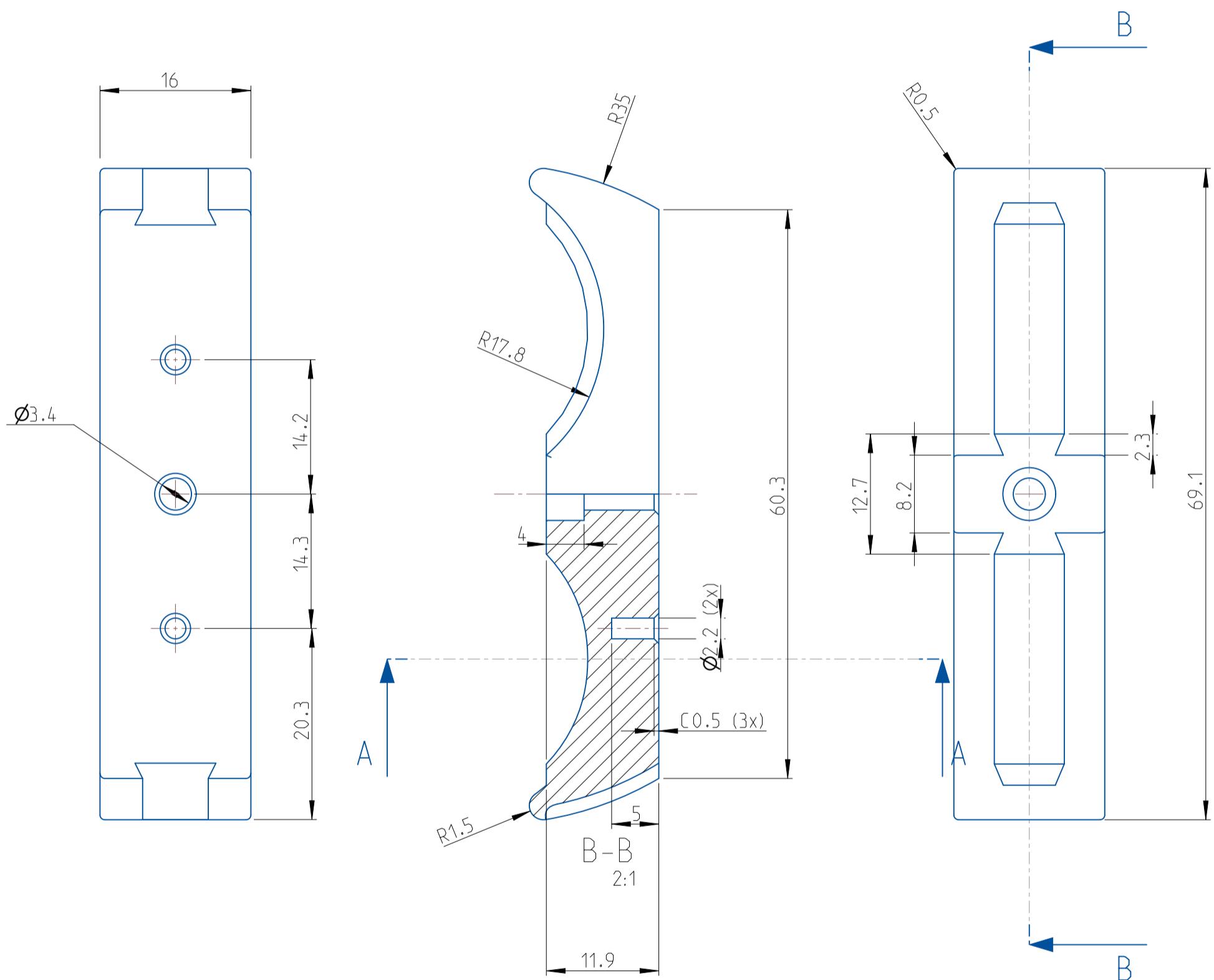
1:1

Tolerances, if not indicated, according to:	Machined Surfaces	Heat Treatment	Edges and Corners	-	
AC-STD	1350 K-mK	1240 K	1436 K		
Name	Part 4			-	Secrecy class
Material	Al 99.5				1102 K/-
-					CAD Creo
Atlas Copco	Scale 2:1	Format A4	Family -	Compare -	Drawing owner
	Drawn Kevin Fahlevi		Blank -	Replaces -	
Transferred from	Cons.class 1295 K/-	Rev	Status	Designation	Sheet 1 (1)
-	Mass/Volume 10.92 g		Date 2025-08-15	9438279274.04	

Model name	PART5	Rev.Ver		Note	-	-	Date	-
Drawing name	PART5	Rev.Ver	***					



3.2 ✓✓✓



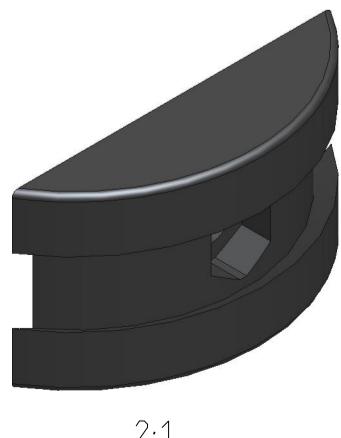
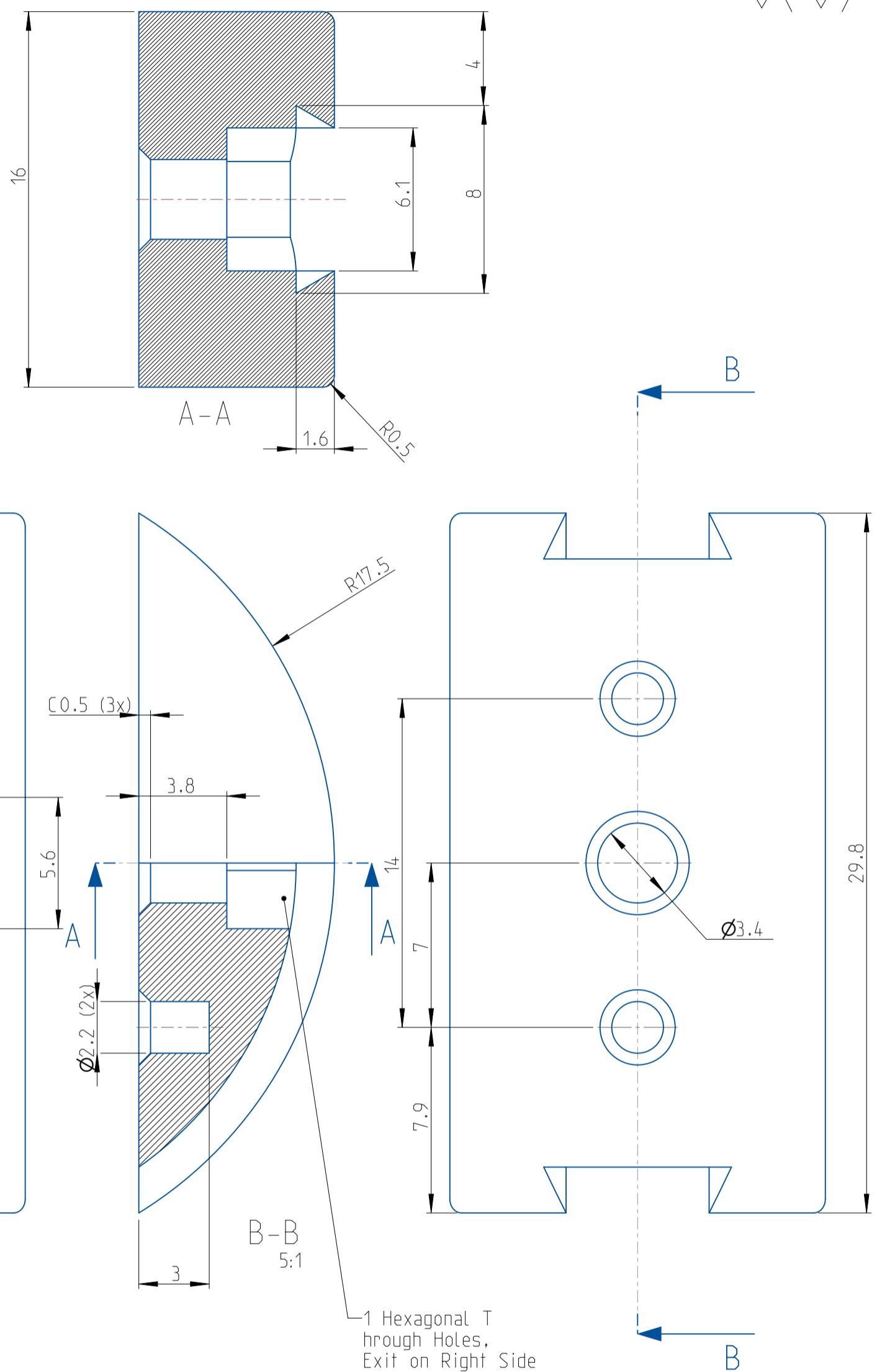
1:1

Tolerances, if not indicated, according to:		Machined Surfaces	Heat Treatment	Edges and Corners	-	
AC-STD		1350 K-mK	1240 K	1436 K		
Name	Part 5				-	Secrecy class
Material	AL 99.5					1102 K/-
-						CAD Creo
Atlas Copco	Scale 2:1	Format A4	Family -	Compare -		Drawing owner
	Drawn Kevin Fahlevi		Blank -	Replaces -		
Transferred from	Cons.class 1295 K/- Rev	Status Released	Designation			Sheet 1 (1)
-	Mass/Volume 9.39 g	Date 2025-08-19	9438279274.05			

Note	-	-
Pos.	Modified from	

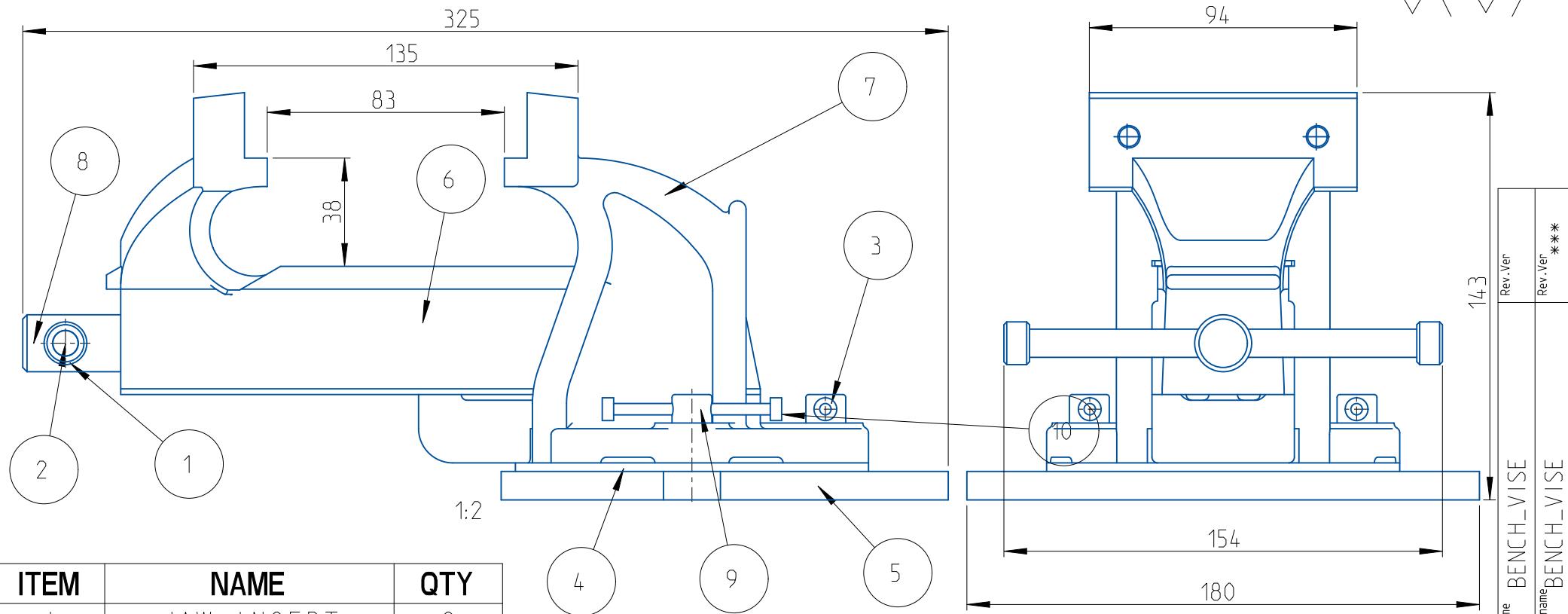
Date	-
Intr.	-

Rev.Ver	Rev.Ver
PART 6	**



Tolerances, if not indicated, according to:		Machined Surfaces	Heat Treatment	Edges and Corners	-	
AC-STD		1350 K-mK	1240 K	1436 K		
Name	Part 6				-	
Material	Al 99.5					
-						
Atlas Copco	Scale 5:1	Format A4	Family -	Compare -		Drawing owner
	Drawn Kevin Fahlevi		Blank -	Replaces -		
Transferred from	Cons.class 1295 K/-	Rev	Status	Designation		CAD Creo
-	Mass/Volume 3.15 g		Date 2025-08-19	9438279274.16		Sheet 1 (1)

Note	Pos.	Modified from	Date	Intr.
-	-		-	-



ITEM	NAME	QTY
1	JAW_INSERT	2
2	SLIDING_ARM	1
3	FIXED_JAW_INSERT	6
4	BASE_PLATE	1
5	SUPPORT	1
6	SLIDING_BLOCK	1
7	MAIN_BODY	1
8	SHAFT	1
9	SCREW	3
10	SMALL_ROD	3

Tolerances, if not indicated, according to:	Machined Surfaces	Heat Treatment	Edges and Corners	-	
AC-STD	1350 K-mK	1240 K	1436 K		
Name	Bench Vise Assembly			-	Secrecy class
Material	EN 10293 G20Mn5				1102 K/-
-					CAD Creo
Atlas Copco	Scale 1:2	Format A4	Family -	Compare -	Drawing owner
Transferred from -	Drawn Kevin Fahlevi	Blank -		Replaces -	TOO
	Cons.class 1295 K/-	Rev 0	Status Released	Designation	Sheet 1 (1)
	Mass/Volume -		Date 2025-10-19		