

Part Revision Report

Generated On : 2025-12-17 10:37:51

Part ID: 8010008215

Revision: 005



Part Type: ePart

Status: Engineering Released

Part Name: Bearing housing, painted
Part Description: NX4450
Alternate ID:
Part Change Note: No change.
Design ID: 61249943-01
Design Revision: 005
Design Change Note: Main view: Threaded holes 2xM8 added.
(2x)Ø18x2 added
View S-S added.
View Y-Y: Dimension Ø300h7(+0/-0.052) replaces Ø300h7(+0/-0.057)

Legacy ID:

Part Properties

Attribute	Value
Weight Source	Measurement
Weight(Kg)	14,562
Traceability	No
Required Certifications	
Vendor Certificates	
External Standard	

Attachments

ID	Name	Comment	Type	Attached
61249943-01	Bearing housing, painted		PDF	In PRR
AL 101 3000	Corrosion Protective Coating by Spray Painting		PDF	YES
AL 2005 517	Alfa Laval system for designating colours		PDF	YES

Bill Of Materials Information

Pos	QTY	BOM UOM	Part UOM	Part ID	Part Name	Part Description	Substitute ID
0	1,000	PCE	PCE	8010008214	Bearing housing, blank	NX4450	
0	0,000	PCE	PCE	8010008216	Repair drawing	Bearing housing, NX4450	

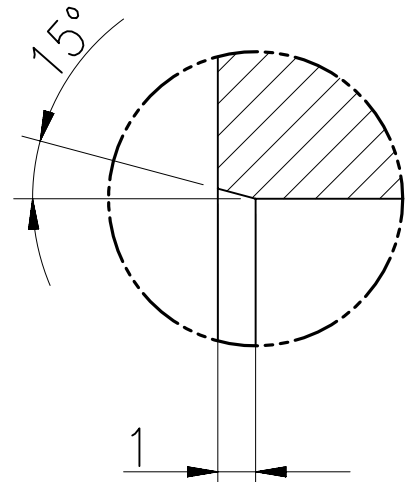
: Complementary Part

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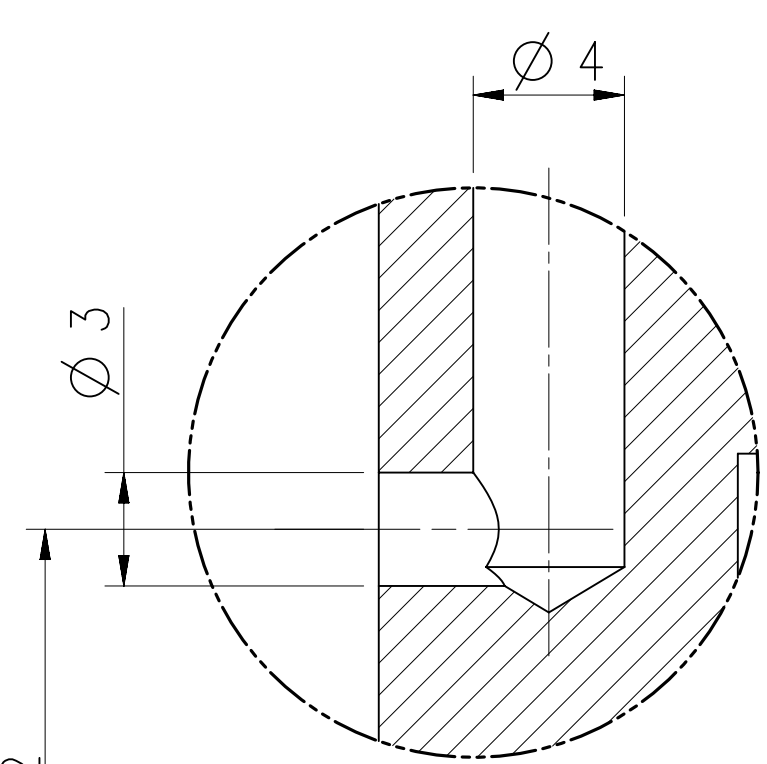
Main view: Threaded holes 2xM8 added.
View S-S added.
View Y-Y: Dimension $\varnothing 300h7$ (+0/-0,052) replaces $\varnothing 300h7$ (+0/-0,057)

Rev. No.	Date	Modified By	Appr.
005	251209	AKR	OAN

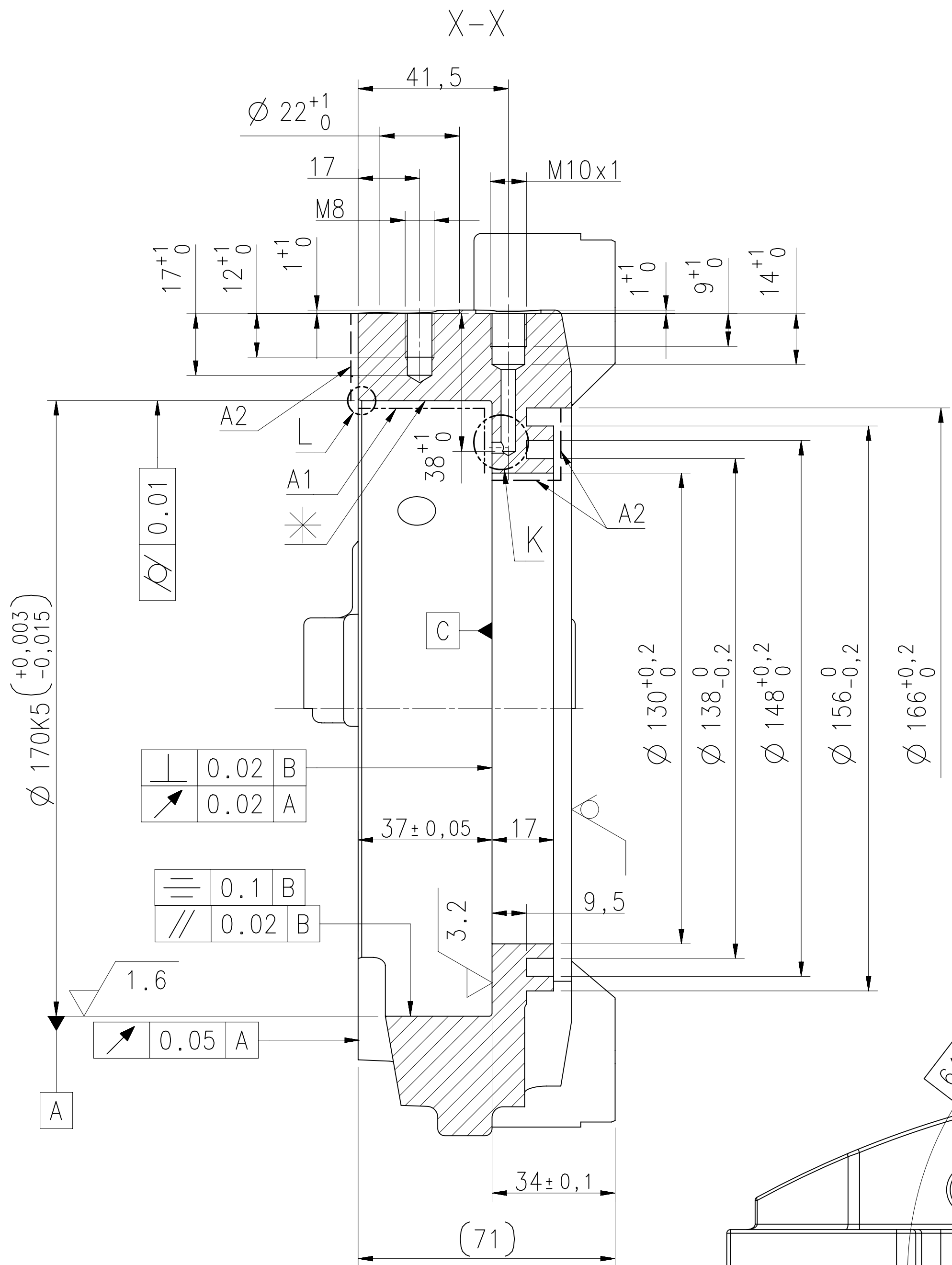
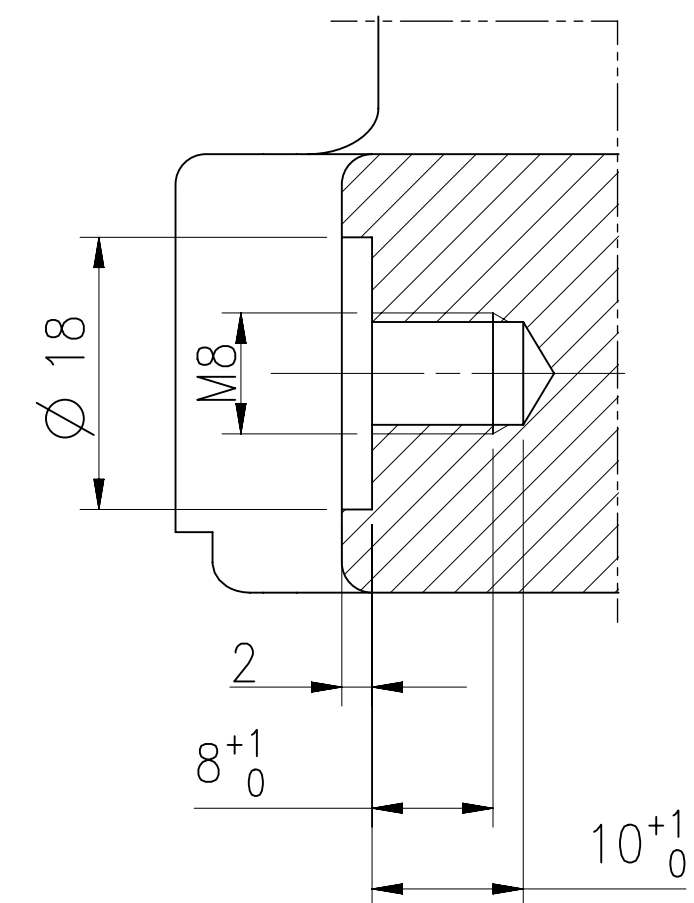
L (5:1)



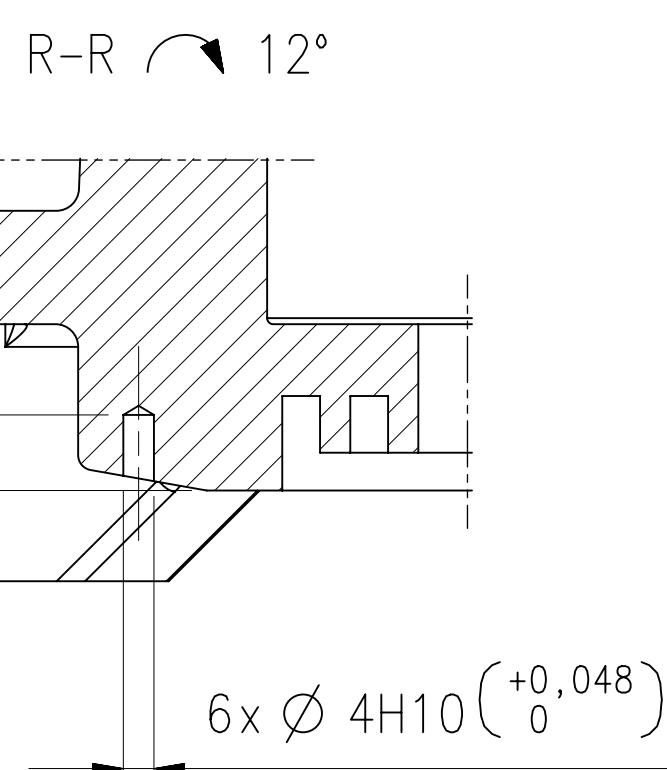
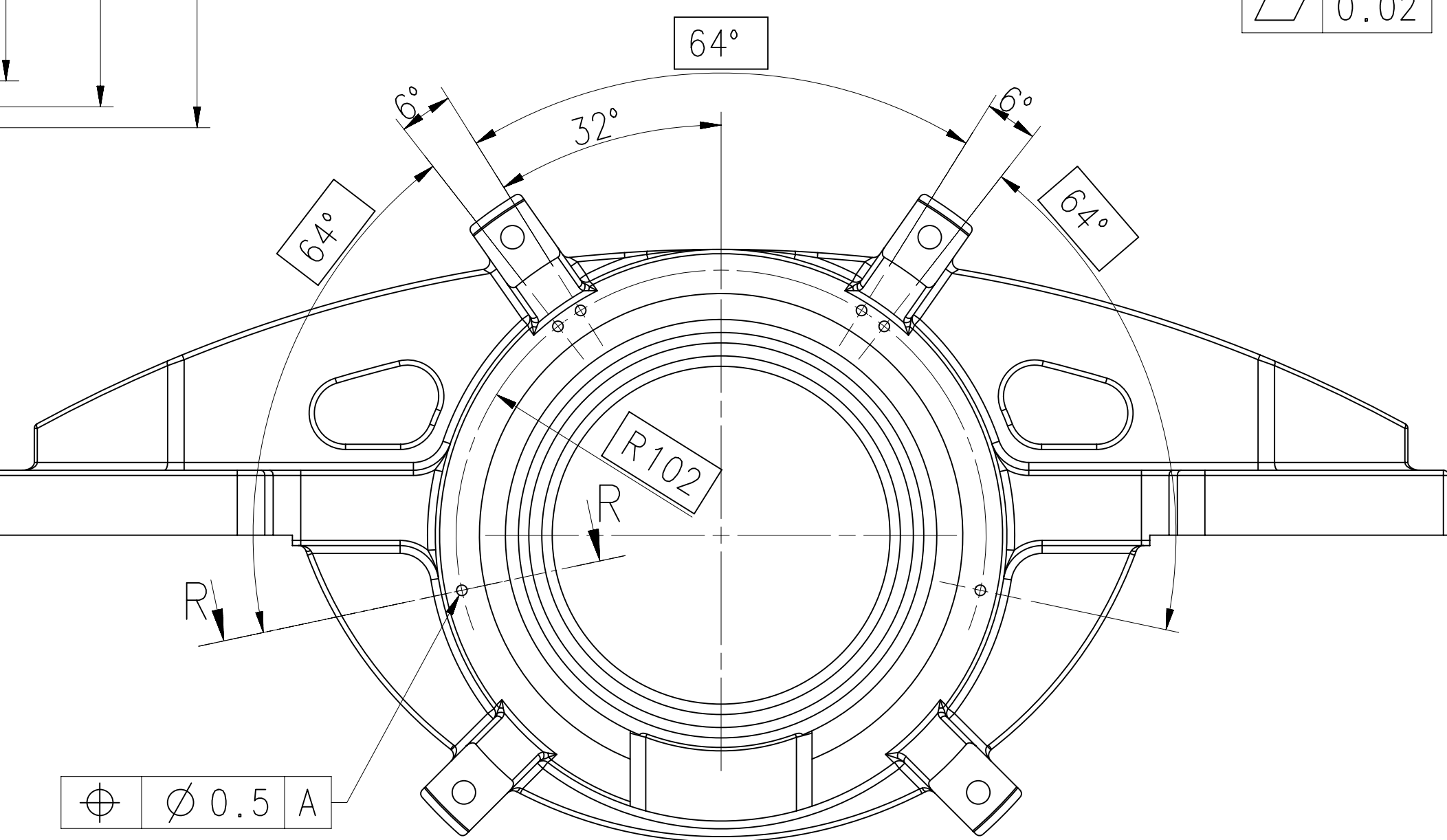
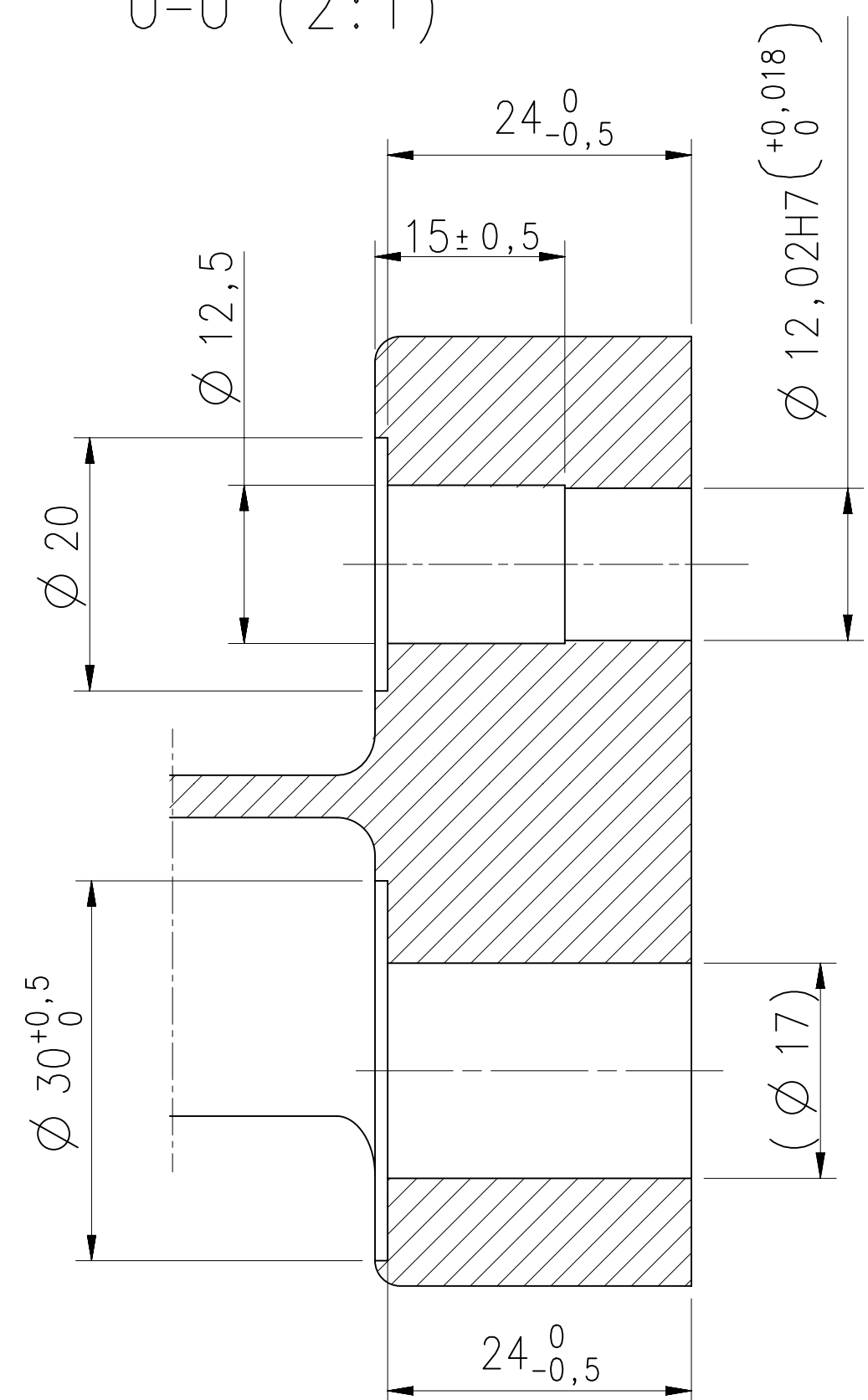
K (5:1)



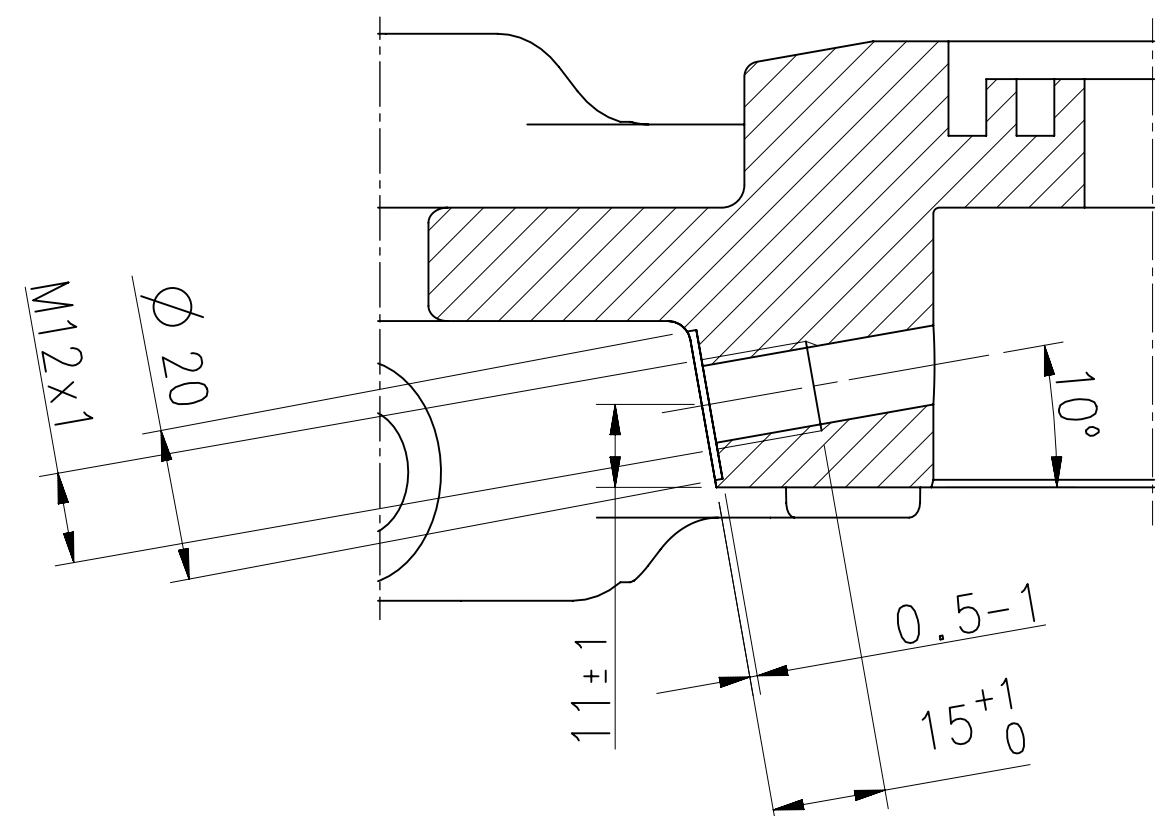
S-S (2:1)



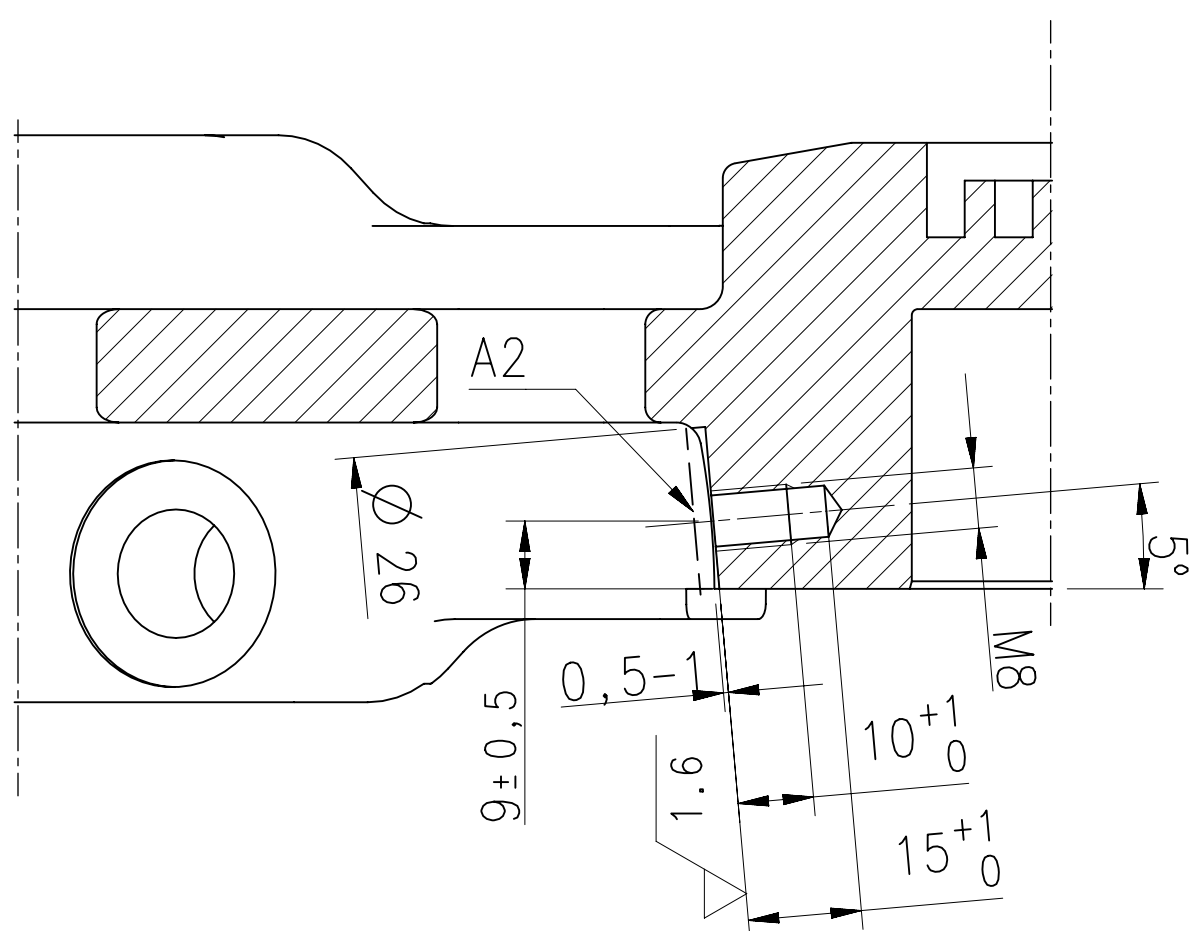
U-U (2:1)



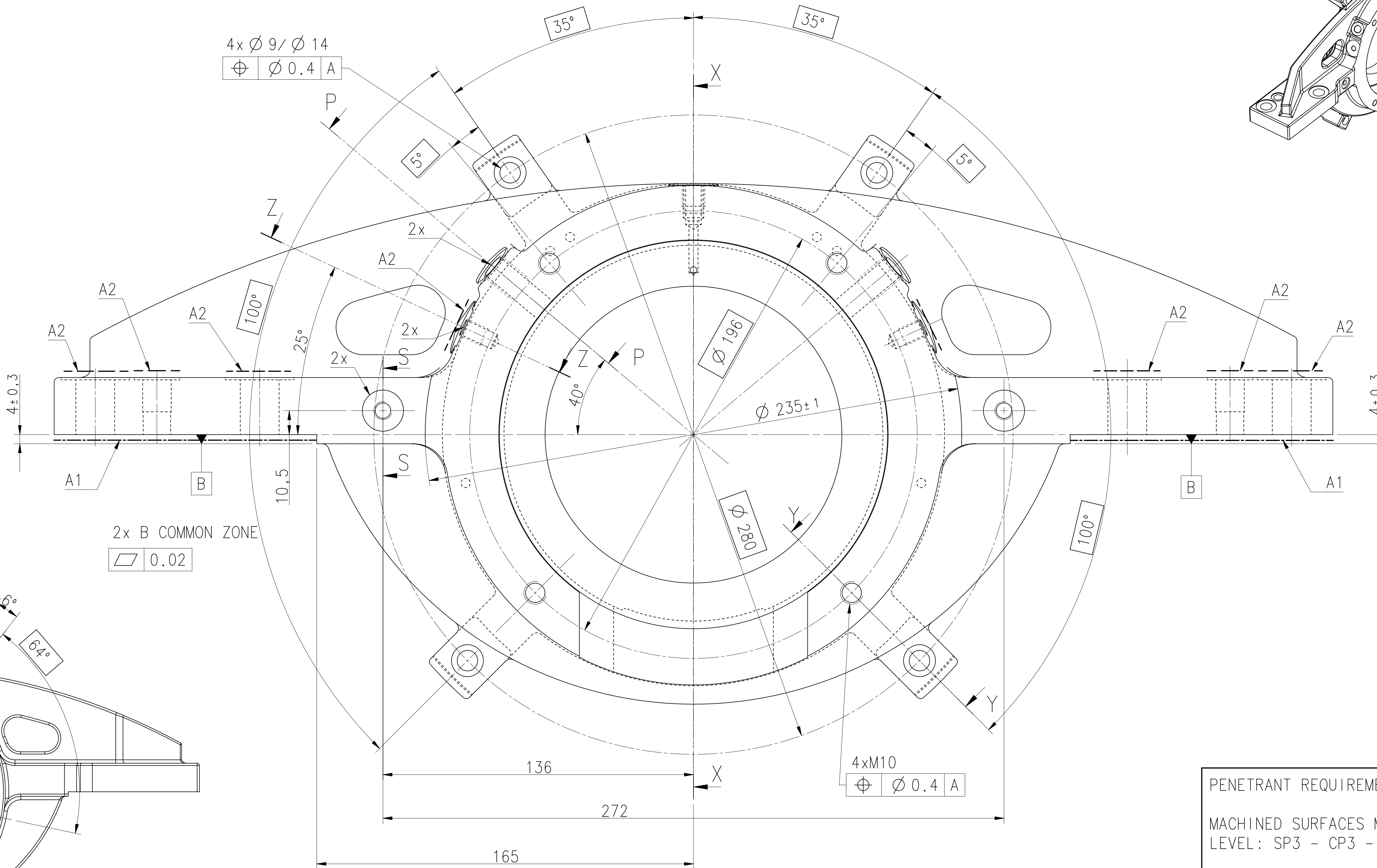
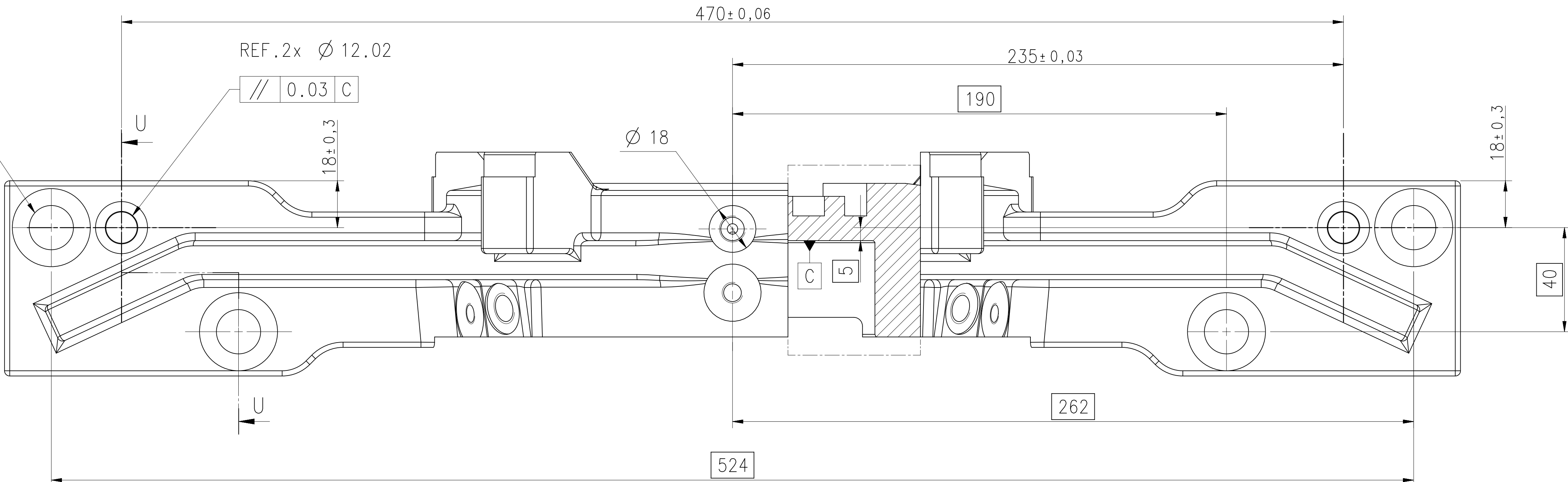
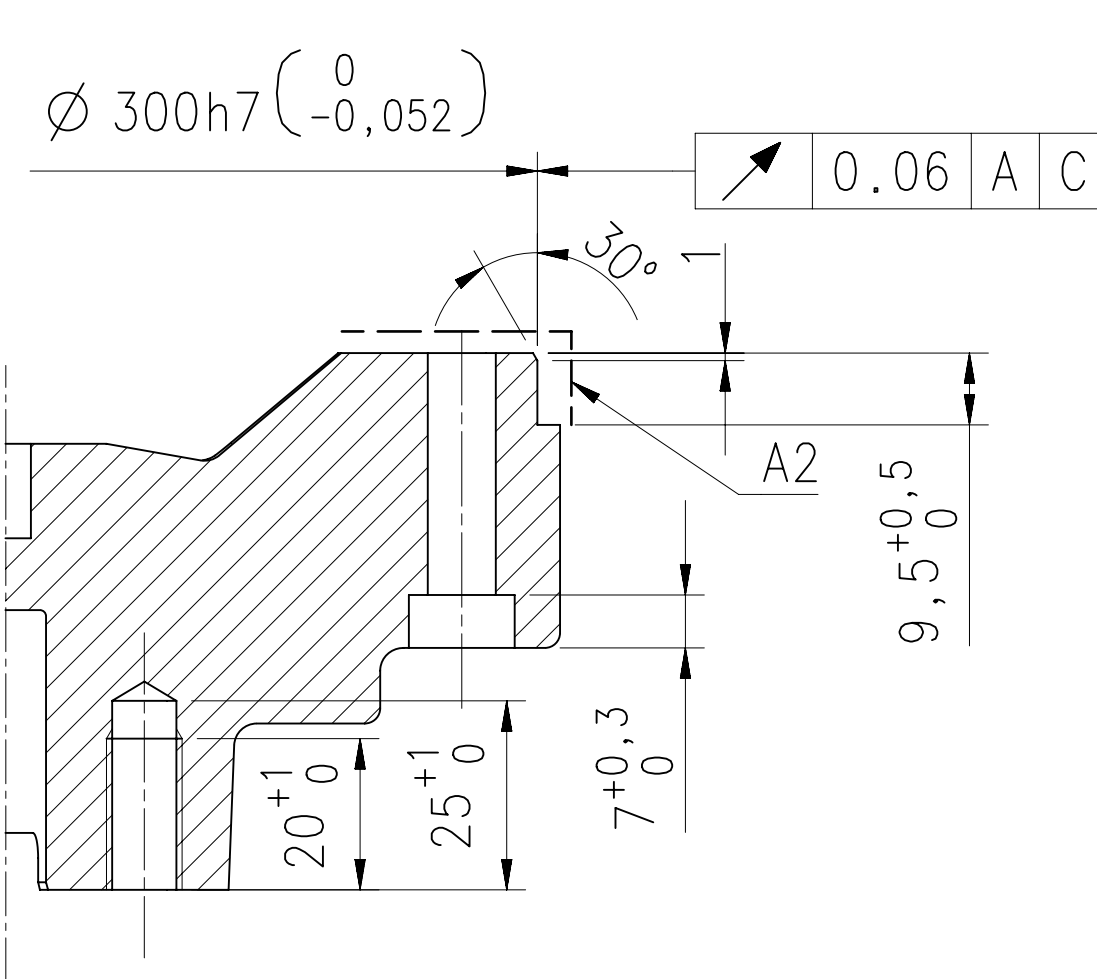
P-P (40°)



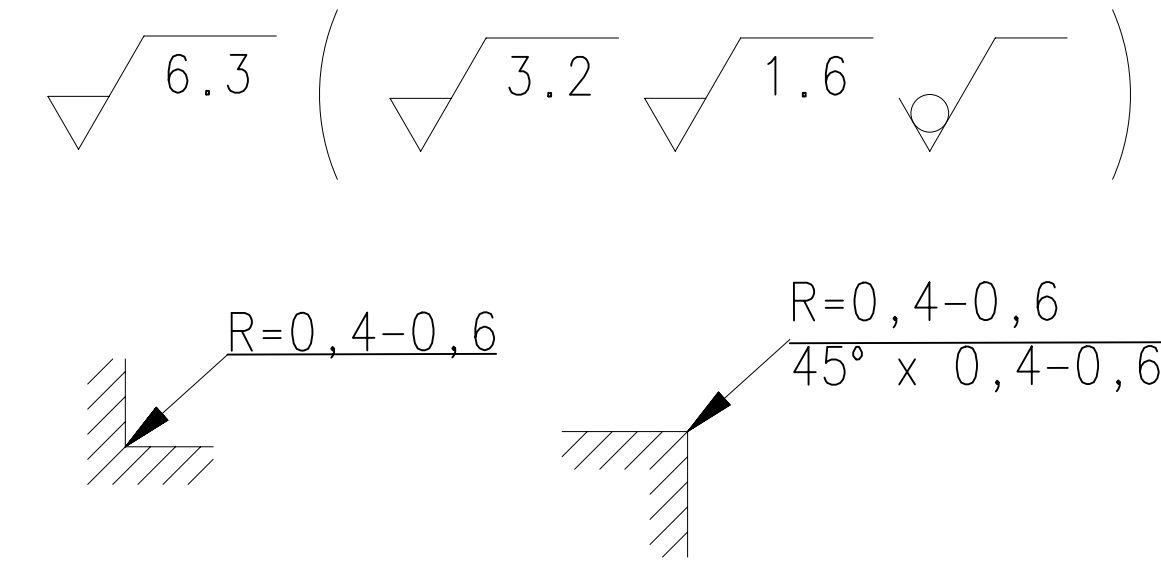
Z-Z (25°)



Y-Y (45°)



PENETRANT REQUIREMENTS EN1371-1
MACHINED SURFACES MARKED WITH ✱
LEVEL: SP3 - CP3 - LP3 - AP3
OTHER SURFACES
LEVEL: SP4 - CP4 - LP4 - AP4



ALL DIMENSIONS WITHOUT TOLERANCES: $\pm 0,2$

PAINTING

COVER

PAINTING: AL 61190000 - NO.6

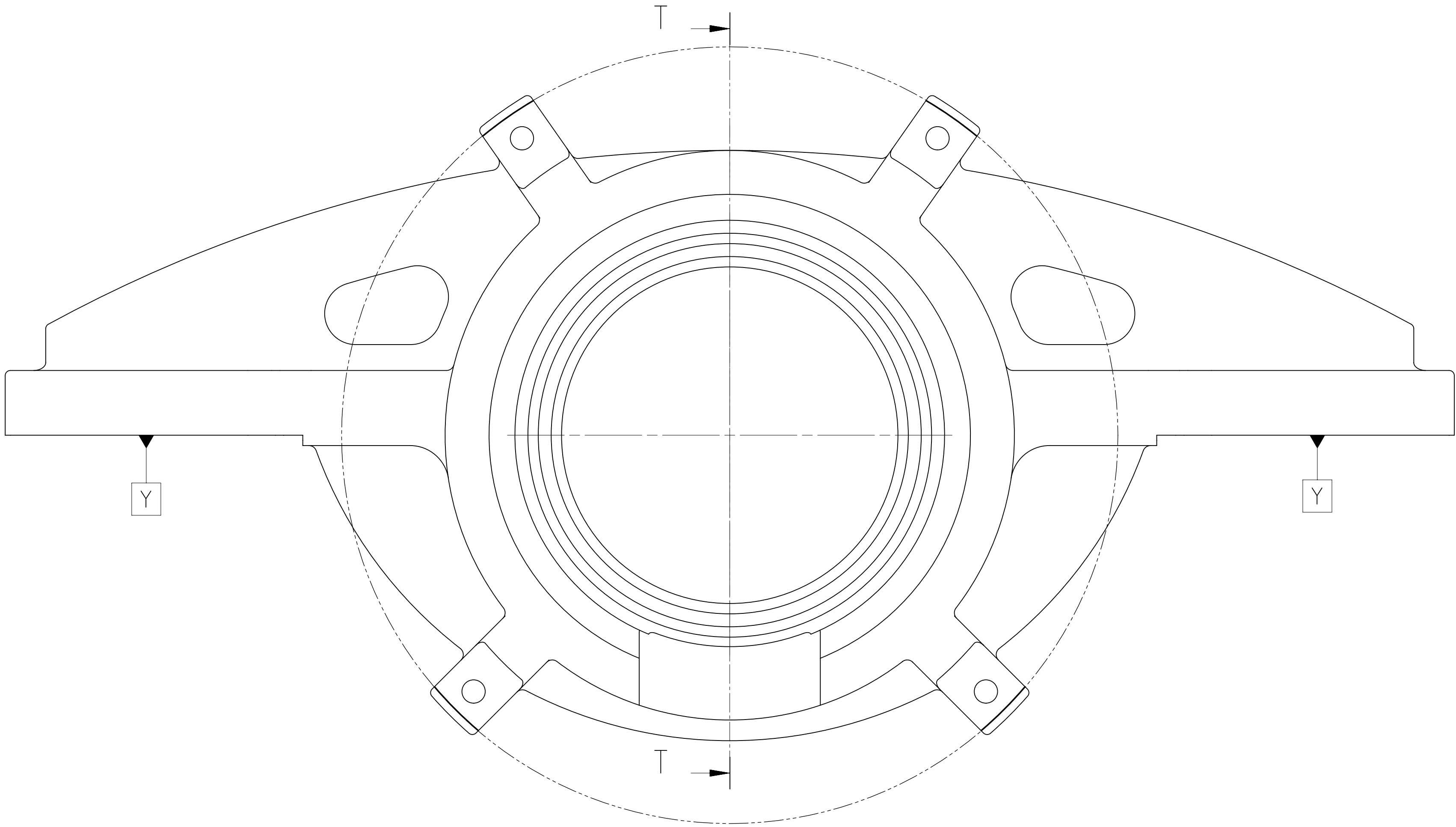
PAINTING: AL 61190000 - NO.1 BS

Item	Article No.	Name/Designation	Material
Bearing housing, painted			Alfa Laval Copenhagen A/S SØBORG DENMARK
First angle projection	Surface roughness	Scale	Date
RA μm	Form	1:1	191127
A0	DFa	HRF	Model Y
Document No.			NX4450
			61249943

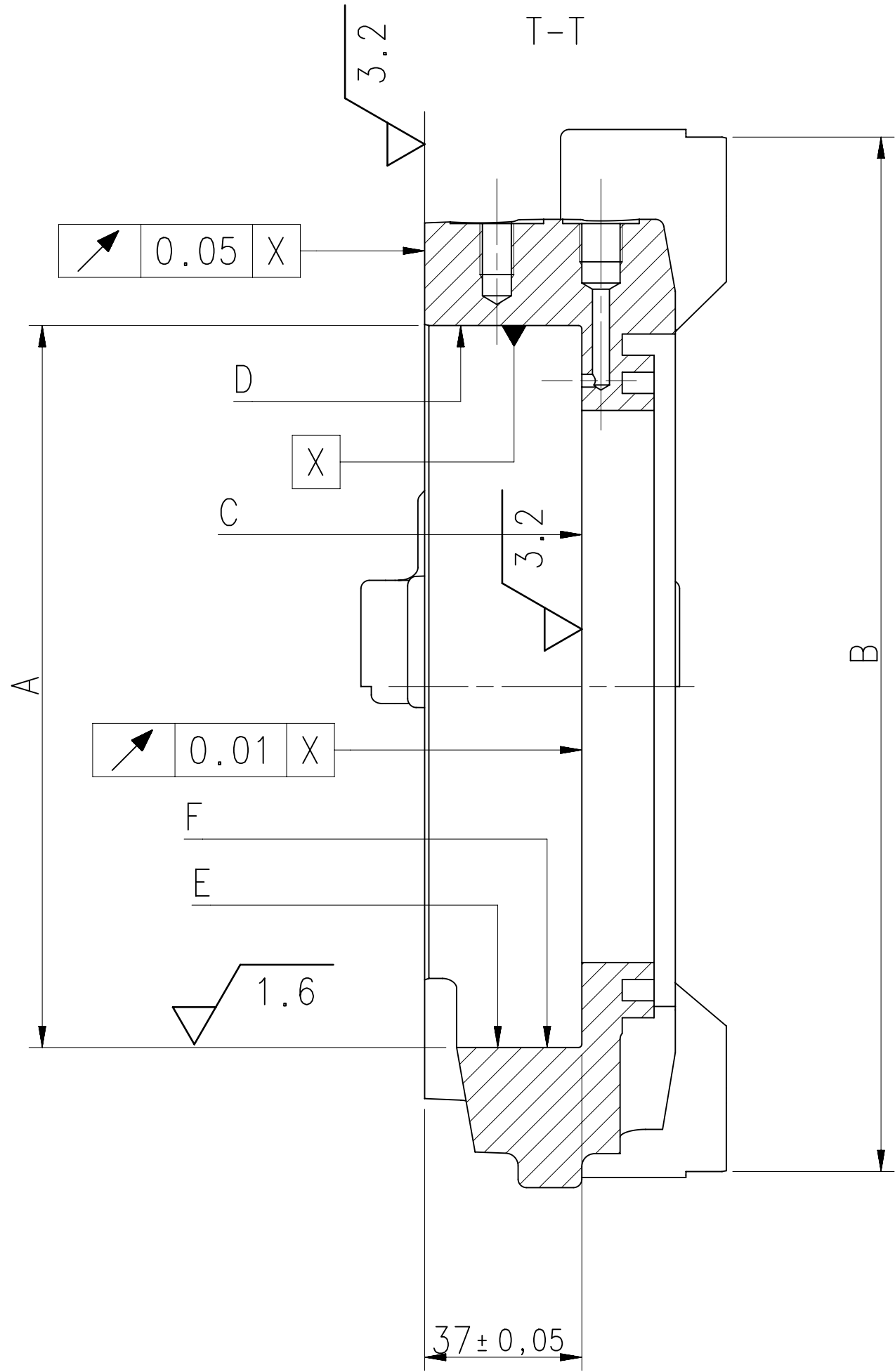
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
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Rev. No.	Date	Modified By	Appr.
001			



NO.	DIMENSION : NEW PART	REPAIR LIMITS
A.	Ø 170 (+0.003/-0.015) K5	Ø 170.009
B.	Ø 300 (0/-0.052) h7	Ø 299.931
C.	<div>⊥ 0.02 Y</div>	<div>⊥ 0.03 Y</div>
D.	<div>○ 0.01</div>	<div>○ 0.015</div>
E.	<div>≡ 0.1 Y</div>	<div>≡ 0.15 Y</div>
F.	<div>// 0.02 Y</div>	<div>// 0.03 Y</div>



					WEIGHT	Material	
Item	Article No.	Name/Designation					
	Title				 Alfa Laval Copenhagen A/S SØBORG DENMARK		
	Repair drawing						
	Bearing Housing						
		First angle projection	Surface roughness	Scale	Date	Design Code	
			RAµm	1:1	210212	NX4450	
		Format	Drawn	Appr.	Model	Document No.	
		A1	HRf	HRf	Y	 000111797	