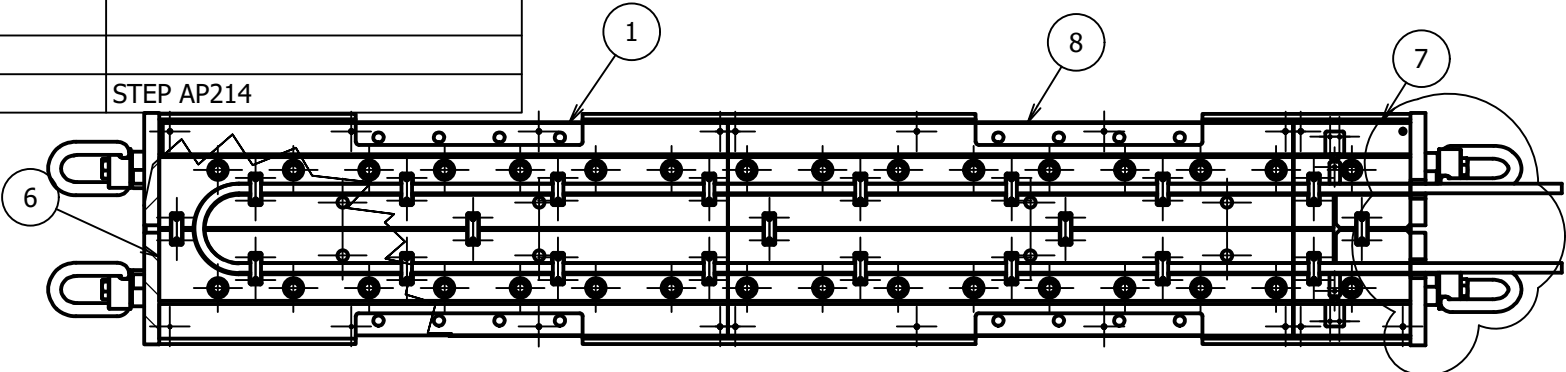
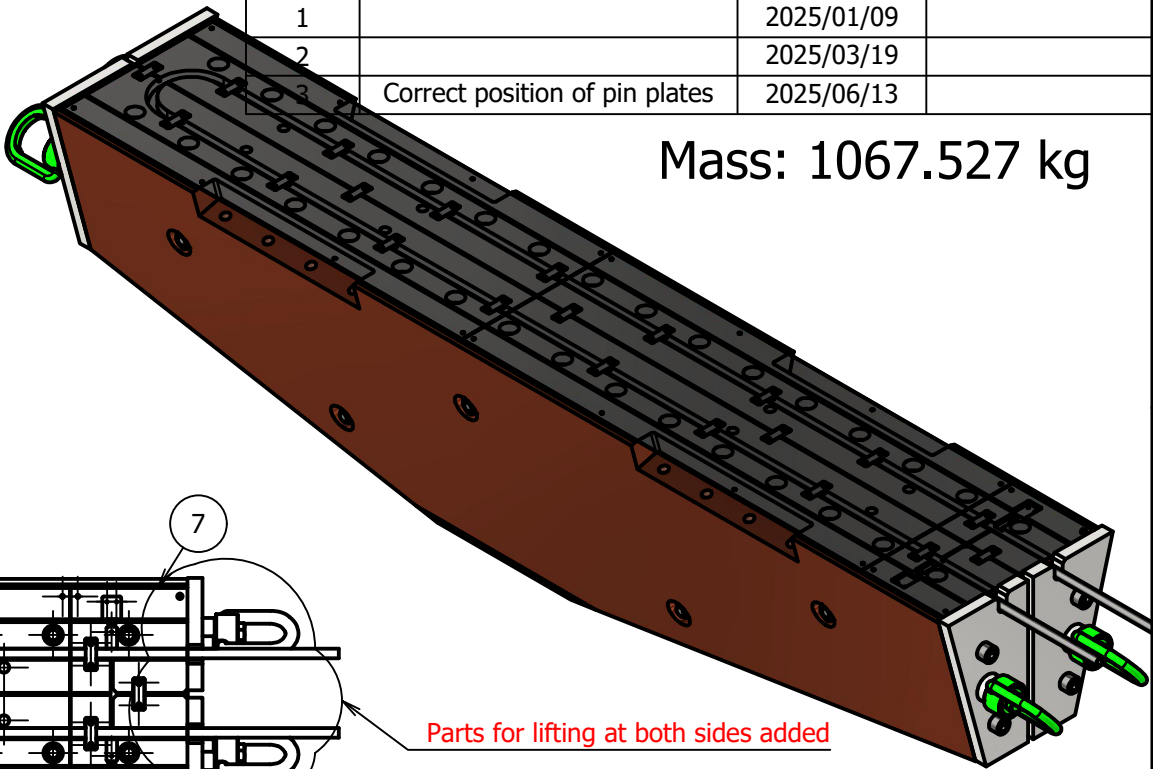


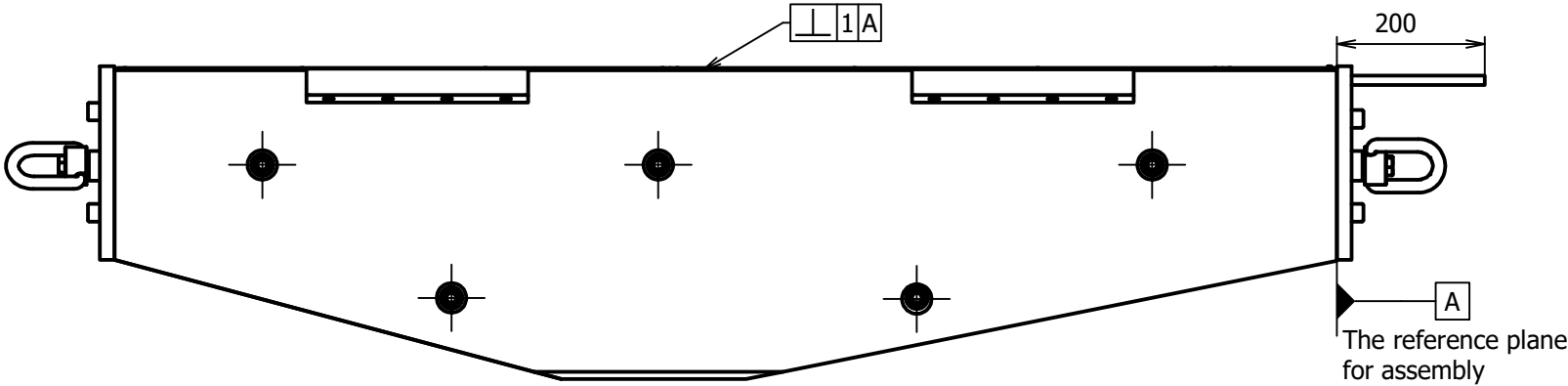
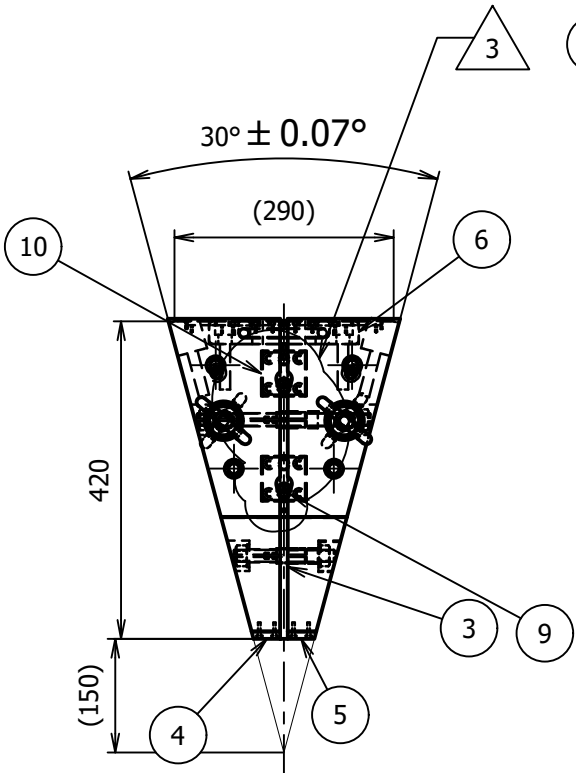
パーツ一覧			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	Copper Shield L	
2	1	Copper Shield R	
3	1	Eddy Current Prevention Plate	
4	1	Blackbody Plate L	
5	1	Blackbody Plate R	
6	1	Cooling Plate ASSY	See next sheet
7	1	Thermal Shield 2	
8	2	Thermal Shield 3	
9	4	Positioning Pin	Φ20g6
10	2	Positioning Pin Plate	
11	1	FrenolinkAdapterUS	
12	1	FrenolinkAdapterUS_MIR	
13	1	FrenolinkAdapterDS	
14	1	FrenolinkAdapterDS_MIR	
15	4	Frenolink bolt A-16	STEP AP214

History			
Ver	Description	Date	認可
1		2025/01/09	
2		2025/03/19	
3	Correct position of pin plates	2025/06/13	

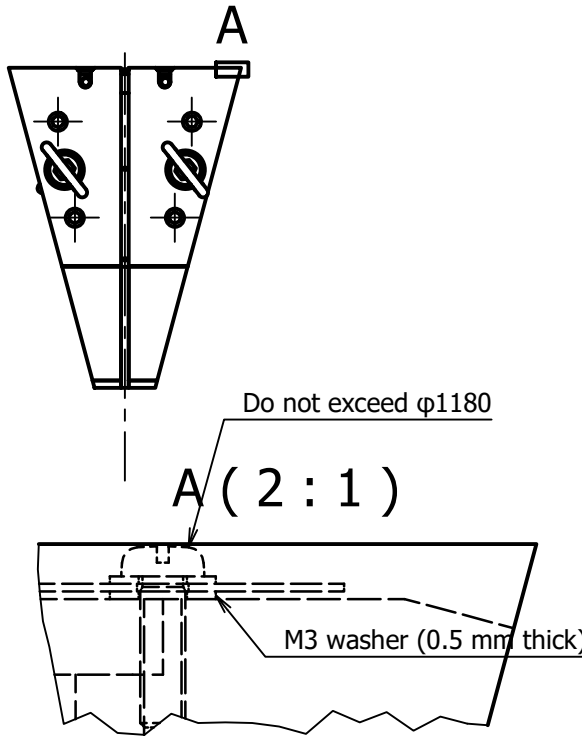
Mass: 1067.527 kg



Parts for lifting at both sides added



The reference plane for assembly



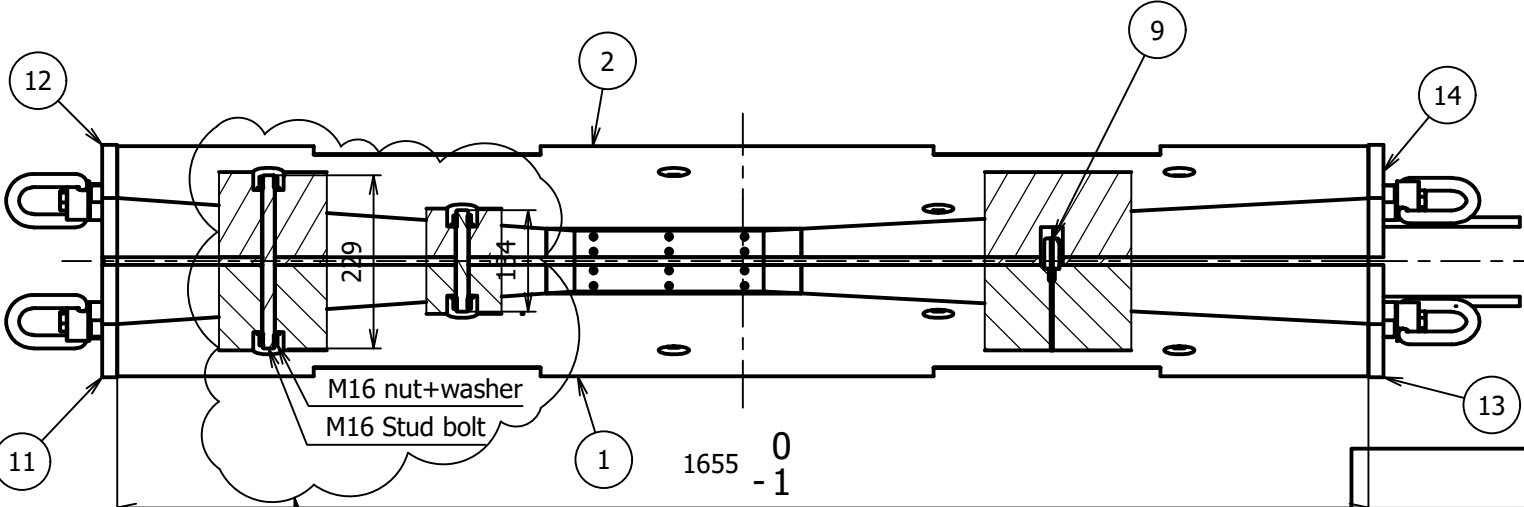
Do not exceed φ1180

A ( 2 : 1 )

M3 washer (0.5 mm thick)

Inspection items

1. PT test
2. Leak test  
Leak rate:  $< 1.0 \times 10^{-9} \text{ Pa m}^{-3}/\text{s}$
3. Pressure test  
Apply 1.5 MPa water pressure for 1 hour



Bolts and nuts should not protrude the face of shield

KEK			Reference drawing				
	NAME	DATE	PROJECT				
DRAWN	Uchiyama	2025/06/13	COMET				
CHECKED			DRAWING NO.				
APPROVED			Fig. 1-1(1)				
MATERIAL		SURFACE		TITLE			
				Copper Shield ASSY			
FILE NAME	ShieldMain_Cu_v3.iam		SHEET SIZE	SCALE	PROJECTION	VERSION	シート
			A3	1 : 10	3rd ang	3	1/2

