

1

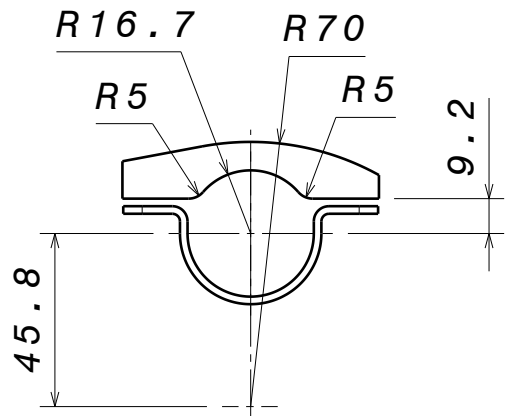
2

3

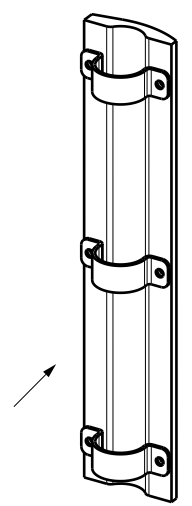
4

A

A



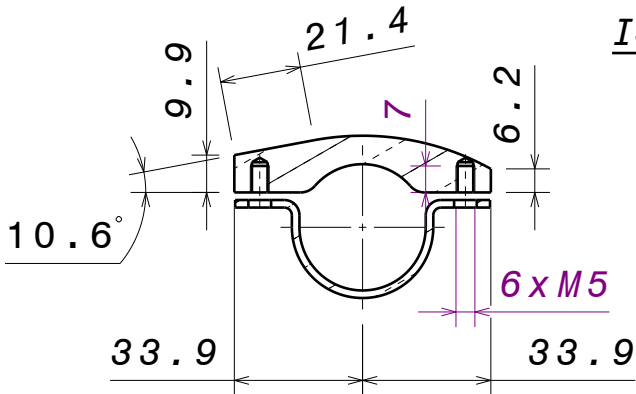
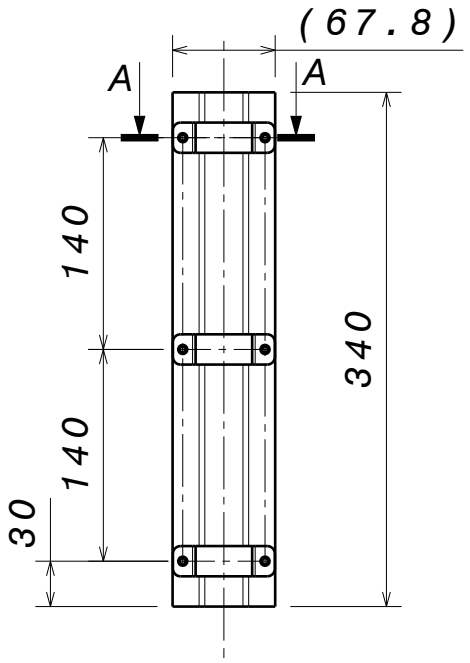
Top view
Scale: 1:2



ISO View

B

B



Section A-A
Scale: 1:2

Item	Ref Drawing	Qty
TS-EG-Header Support	TS-EG-GB-00-01	02
TS-EG-HEADER SUPPORT CLAMP	TS-EG-GB-00-02	06

Quantity: 02 nos.

GENERAL TOLERANCE: ISO 2768 mK

MATERIAL: SS304L


SURFACE ROUGHNESS: $\sqrt{Rz\ 6.3}$

NOTE :-

1. ALL DIMENSIONS ARE IN millimeters UNLESS STATED.
2. PART SHALL BE FREE FROM SHARP CORNERS, BURRS & SHARP EDGES.

D

D

LCA IPR ID		-	RELEASED BY	INSTITUTE FOR PLASMA RESEARCH BHAT, GANDHINAGAR-382428		
USED ON		-	APPROVED BY	CONFIDENTIAL UNLESS AUTHORISED The information on this drawing is confidential. This information shall not be transmitted to anyone who is not authorised to receive it.		
PBS TITLE		-	CHECKED BY	DRAWING TITLE		
REV DATE		-	CONTROLLED BY	TS-EG-Header Support Assembly		
PT MATURITY	PT VERSION	AA	N	DRAWN BY	-	
SHEET SIZE	SCALE	297x210	1:5			
THIRD ANGLE PROJECTION	NO. OF SHTS	01	PBS 3 LEVELS	DRAWING NUMBER	TS-EG-GB-00-01-01	SHEET
			NN, XX, YY			01
						REVISION
						STATUS
						NNN
						Z

1

4

1

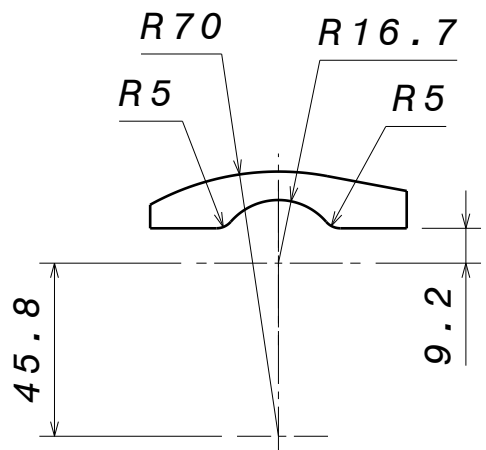
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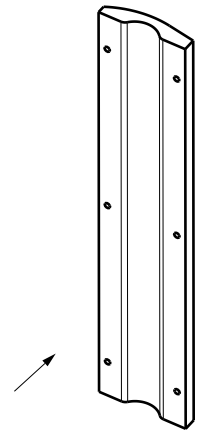
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A

A



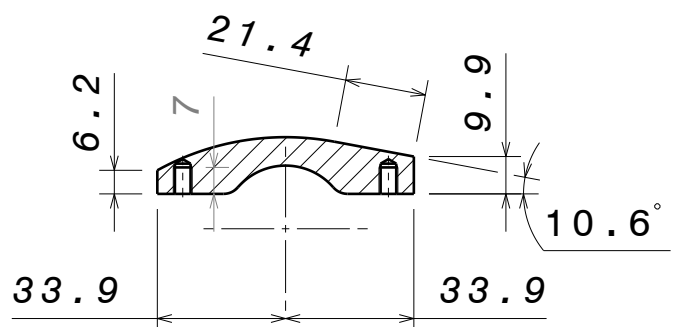
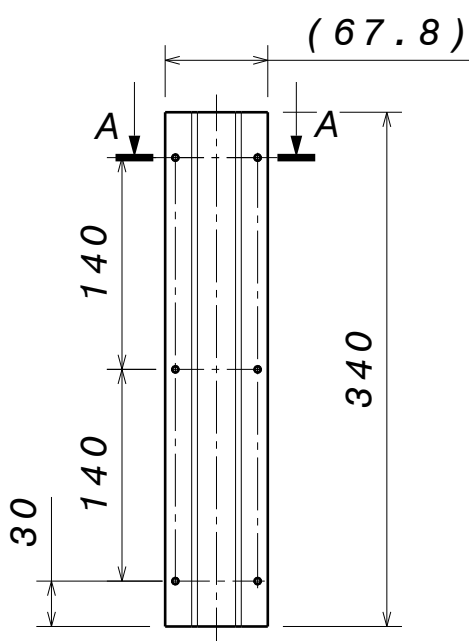
Top view
Scale: 1:2



ISO View

B

B



Section A-A
Scale: 1:2

C

C


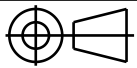
Qty: 02 nos.
 GENERAL TOLERANCE: ISO 2768 mK
 MATERIAL: SS304L
 SURFACE ROUGHNESS: $\sqrt{Rz\ 6.3}$

NOTE :-

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D

D

LCA IPR ID		-		RELEASED BY	INSTITUTE FOR PLASMA RESEARCH BHAT, GANDHINAGAR-382428		
USED ON		-		APPROVED BY	CONFIDENTIAL UNLESS AUTHORISED The information on this drawing is confidential. This information shall not be transmitted to anyone who is not authorised to receive it.		
PBS TITLE		-		CHECKED BY	-		
REV DATE		PT MATURITY	PT VERSION	CONTROLLED BY	DRAWING TITLE		
-	-	AA	N	-	TS-EG-Header Support		
SHEET SIZE		SCALE		DRAWN BY		-	
297x210		1:5		-		-	
THIRD ANGLE PROJECTION		NO. OF SHTS	01	PBS 3 LEVELS	DRAWING NUMBER	TS-EG-GB-00-01	SHEET
1		NN XX YY		01		NNN Z	
						4	

1

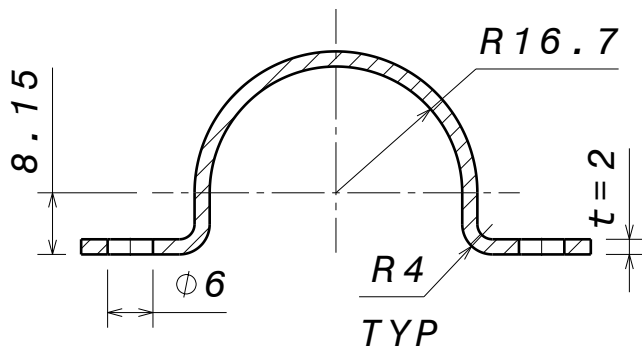
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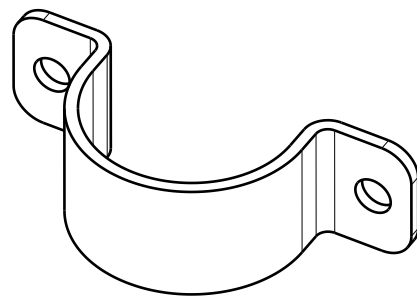
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A

A



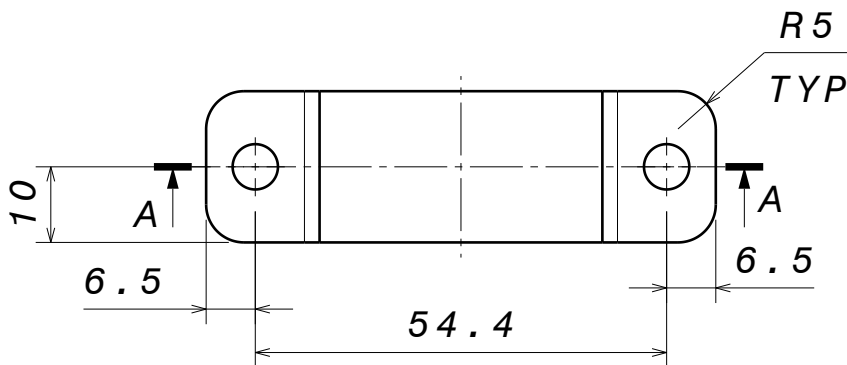
Section A-A



ISO View

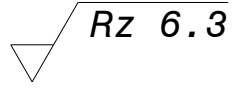
B

B




C

C

GENERAL TOLERANCE: ISO 2768 mK
 MATERIAL: SS304L
 SURFACE ROUGHNESS:  Rz 6.3
 QUANTITY: 6

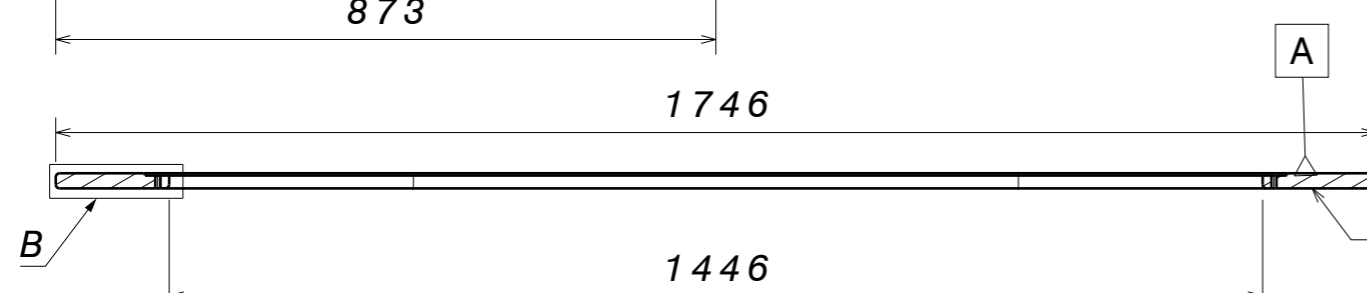
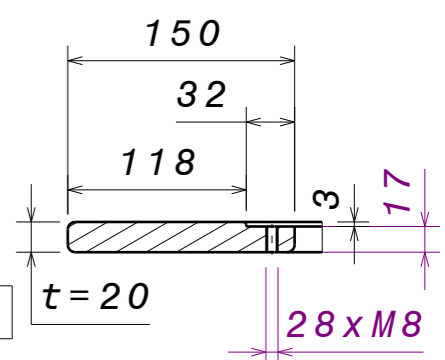
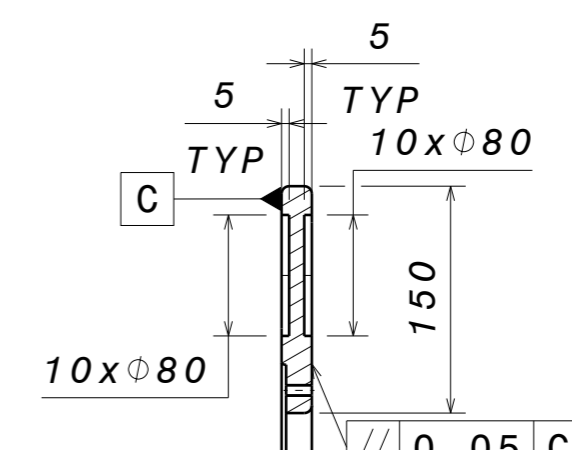
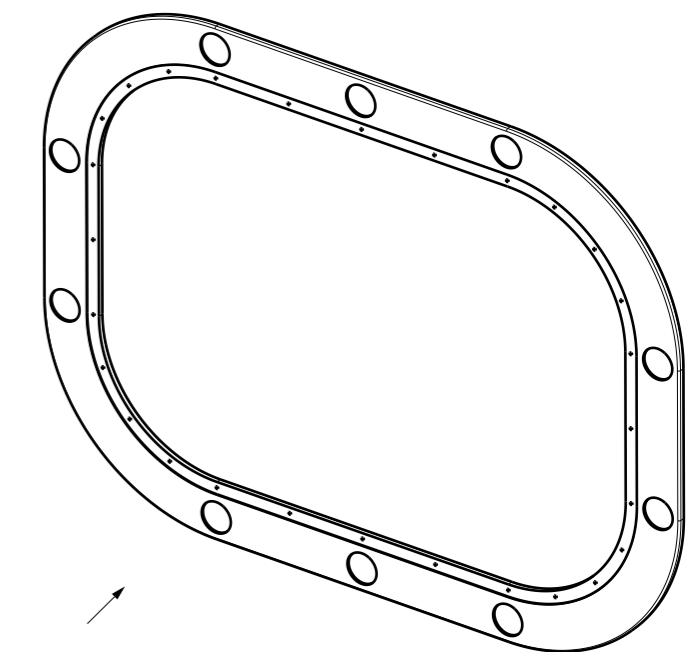
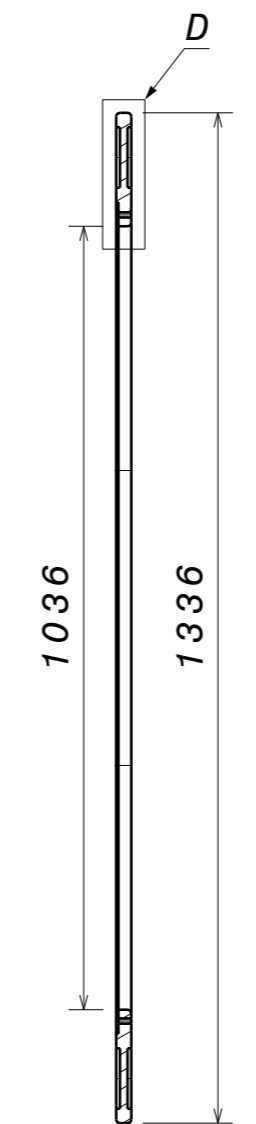
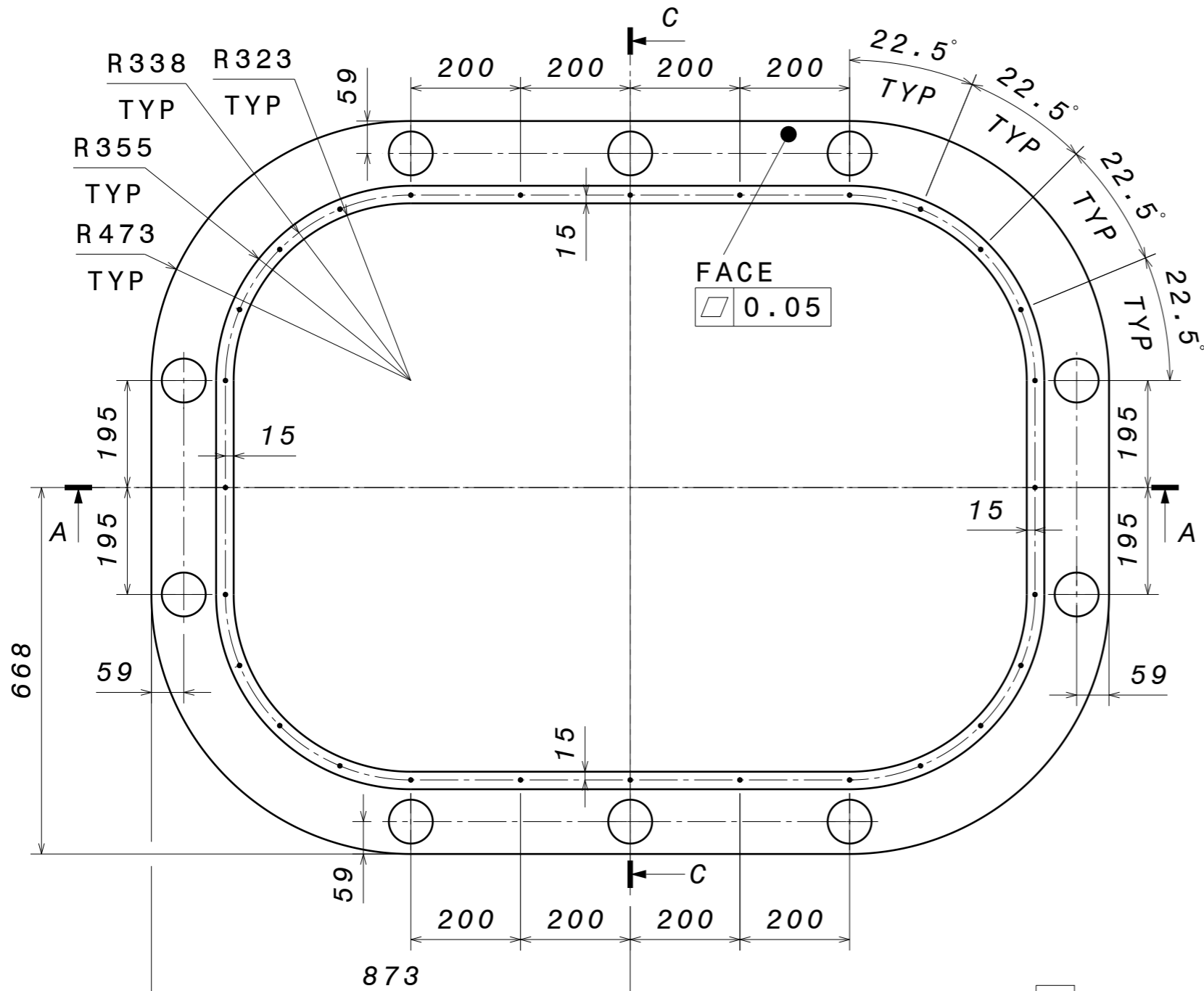
NOTE :-

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LCA ITER ID			-		RELEASED BY	INSTITUTE FOR PLASMA RESEARCH		
USED ON			-		APPROVED BY	CONFIDENTIAL UNLESS AUTHORISED		
PBS TITLE			-		CHECKED BY	The information on this drawing is confidential under the terms of the ITER agreement. This information shall not be transmitted to anyone who is not authorised to receive it.		
REV DATE			PT MATURITY	PT VERSION	CONTROLLED BY			
-			AA	N	DRAWN BY	TS_EG_HEADER_SUPPORT_CLAMP		
SHEET SIZE			SCALE		-			
297x210			1:1		-			
THIRD ANGLE PROJECTION					NO. OF SHTS		DRAWING NUMBER	
01			PBS 3 LEVELS		NN, XX, YY		TS-EG-GB-00-02	
SHEET			REVISION		STATUS		-	
01			NNN		Z		-	

1

4

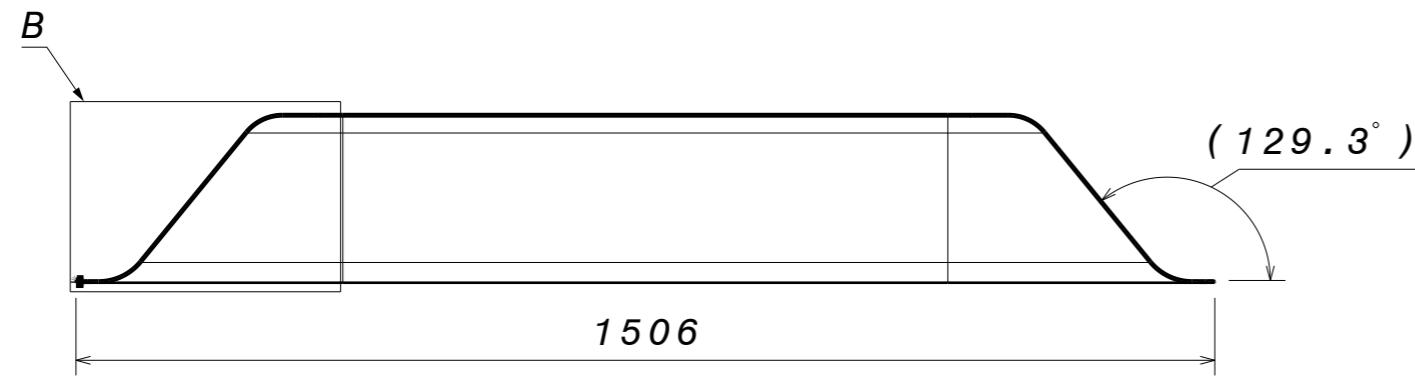
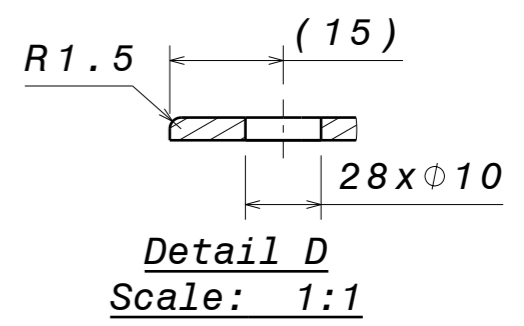
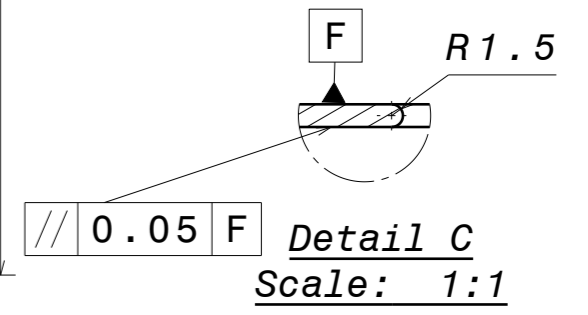
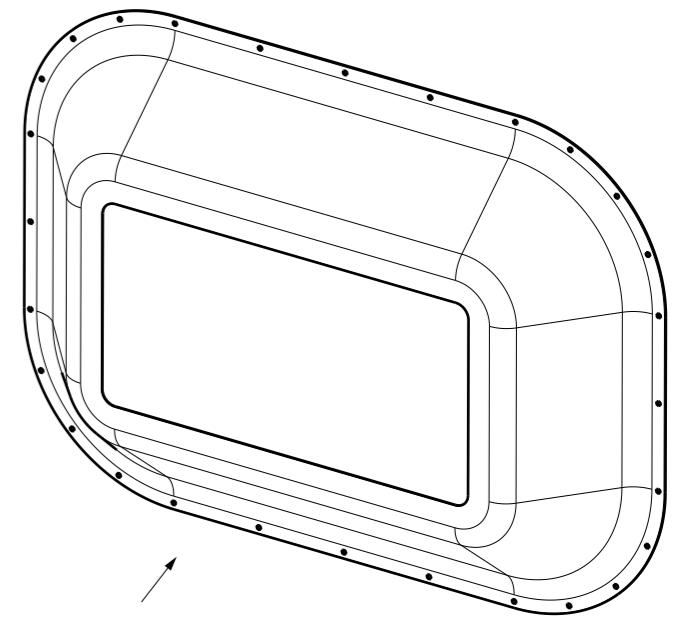
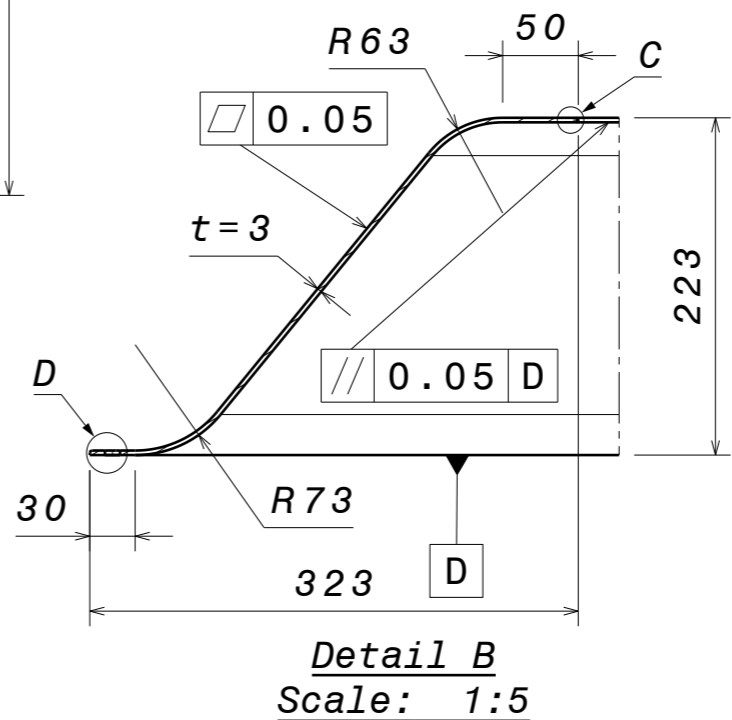
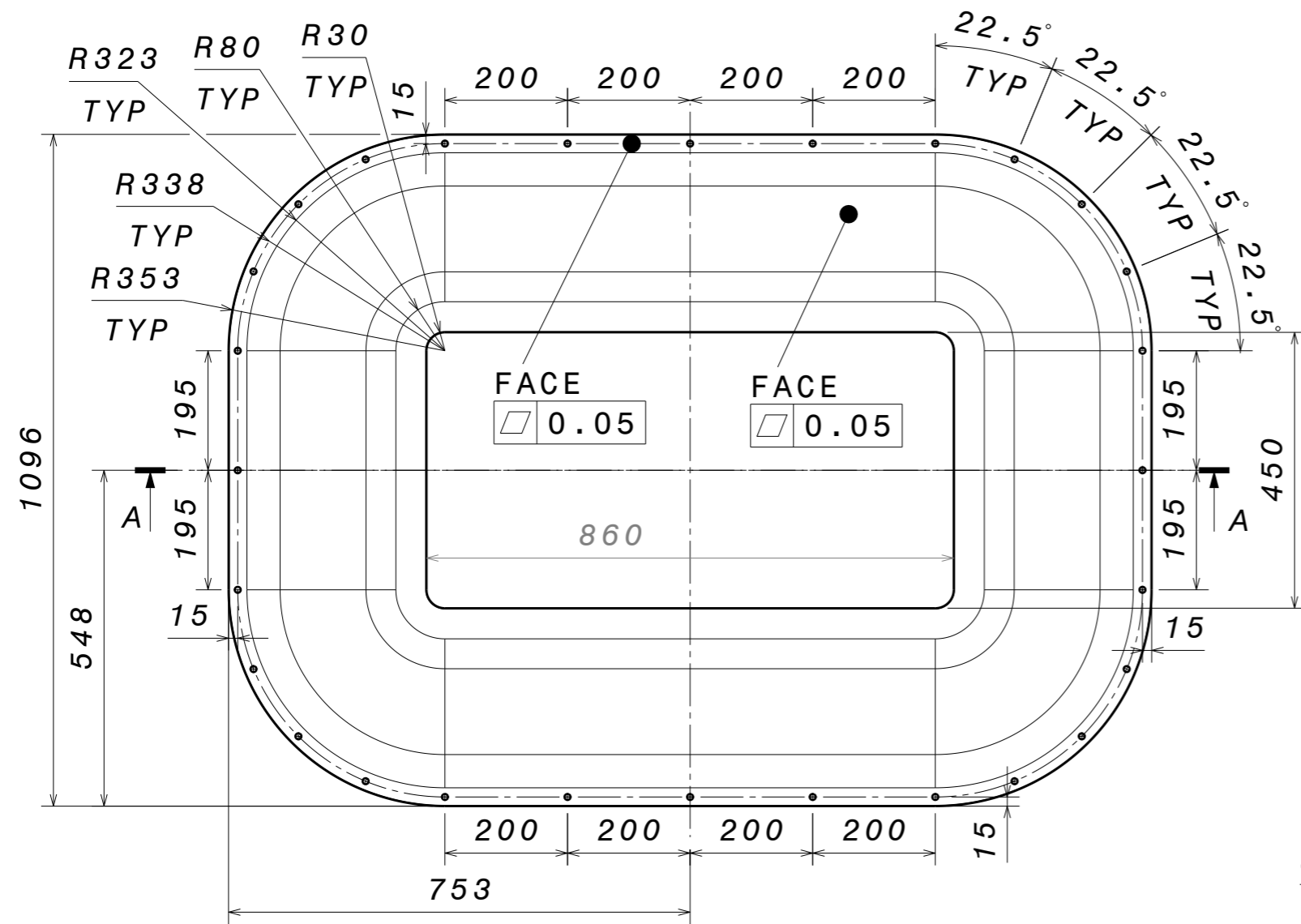


Quantity: 01 nos.
GENERAL TOLERANCE: ISO 2768 mK
MATERIAL: SS304L
SURFACE ROUGHNESS: Rz 6.3

NOTE :-
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 2. PART SHALL BE FREE FROM SHARP CORNERS, BURRS & SHARP EDGES.

LCA IPR ID			-		RELEASED BY	INSTITUTE FOR PLASMA RESEARCH		
USED ON			-		APPROVED BY	CONFIDENTIAL UNLESS AUTHORISED		
PBS TITLE			-		CHECKED BY	The information on this drawing is confidential. This information shall not be transmitted to anyone who is not authorised to receive it.		
REV DATE			PT MATURITY	PT VERSION	CONTROLLED BY	TS-Extractor grid Mounting Flange		
-			AA	N	DRAWN BY	-		
SHEET SIZE			SCALE		PBS 3 LEVELS		DRAWING NUMBER	TITLE
420x297			1:10		NN, XX, YY		TS-EG-GB-00-06	01
THIRD ANGLE PROJECTION			NO. OF SHTS		DRAWING NUMBER		REVISION	STATUS
			01		TS-EG-GB-00-06		01	NNN
								Z


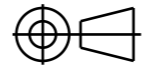


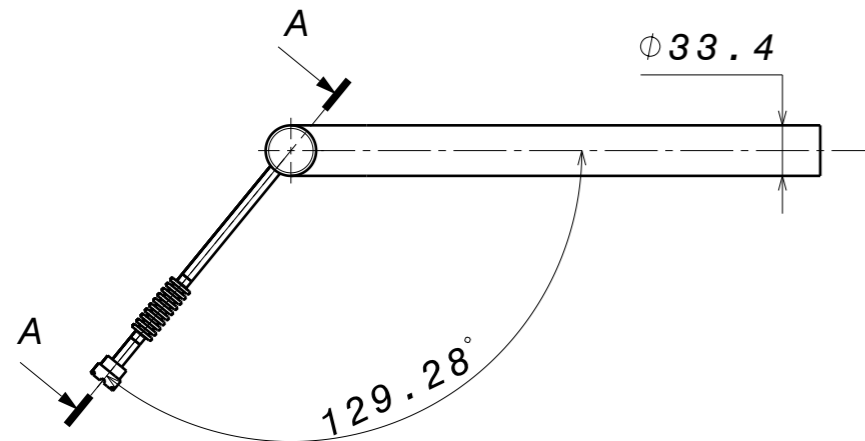


GENERAL TOLERANCE: ISO 2768 mK
 MATERIAL: SS304L
 SURFACE ROUGHNESS: $\sqrt{Rz\ 6.3}$

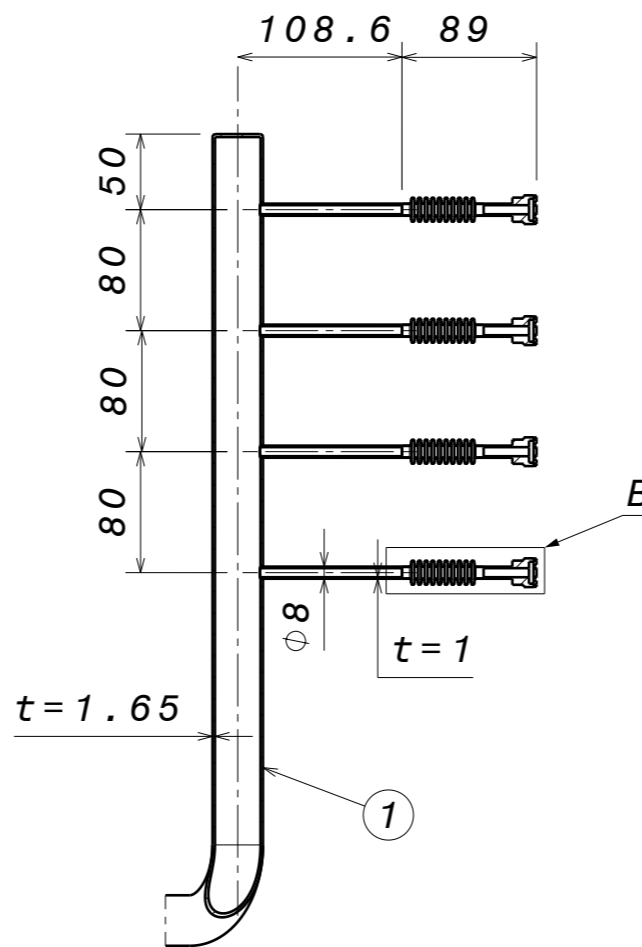
Quantity: 01 nos.

NOTE :-
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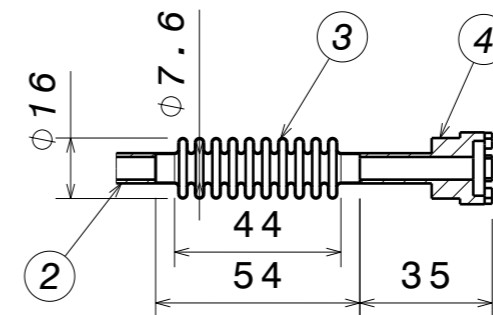
LCA IPR ID		-		RELEASED BY	INSTITUTE FOR PLASMA RESEARCH				
USED ON		-		APPROVED BY	CONFIDENTIAL UNLESS AUTHORISED				
PBS TITLE		-		CHECKED BY	The information on this drawing is confidential. This information shall not be transmitted to anyone who is not authorised to receive it.				
REV DATE		PT MATURITY	PT VERSION	CONTROLLED BY	DRAWING TITLE				
-		AA	N	DRAWN BY	TS- Extractor Grid Seg Support Frame				
SHEET SIZE		SCALE		PBS 3 LEVELS		DRAWING NUMBER	SHEET	REVISION	STATUS
420x297		1:10		NN, XX, YY		TS-EG-GB-00-07	01	NNN	Z
THIRD ANGLE PROJECTION				NO. OF SHTS		DRAWING NUMBER		STATUS	
		01		NN, XX, YY		TS-EG-GB-00-07		Z	



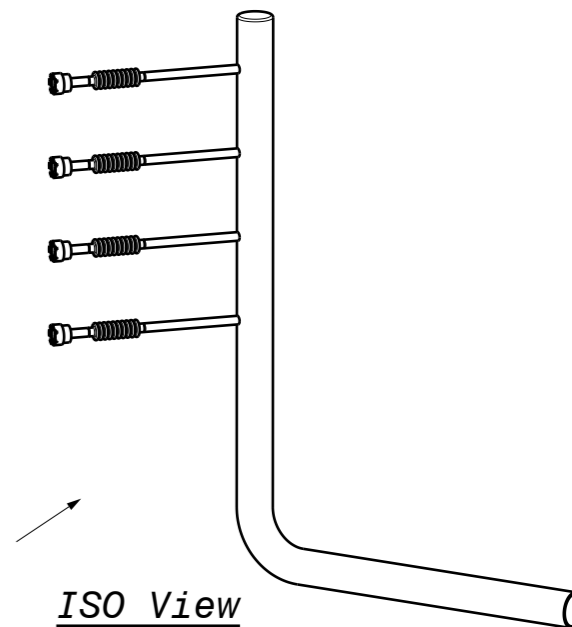
Top view



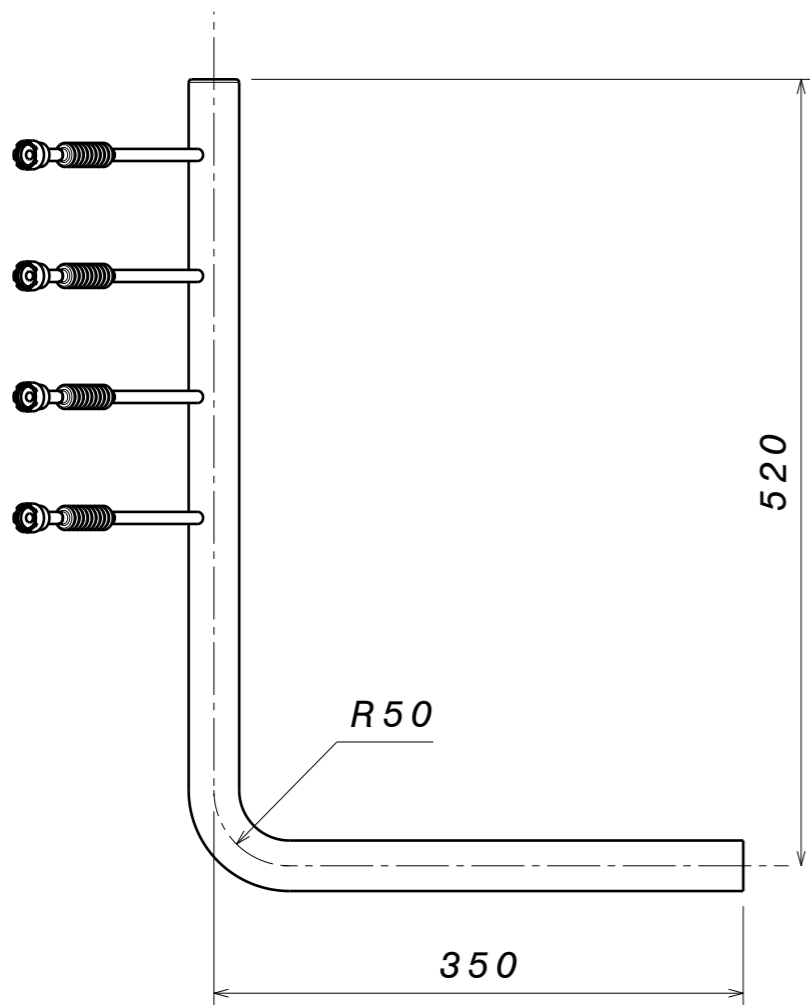
Section A-A



Detail B
Scale: 1:2



ISO View



NOTE :-


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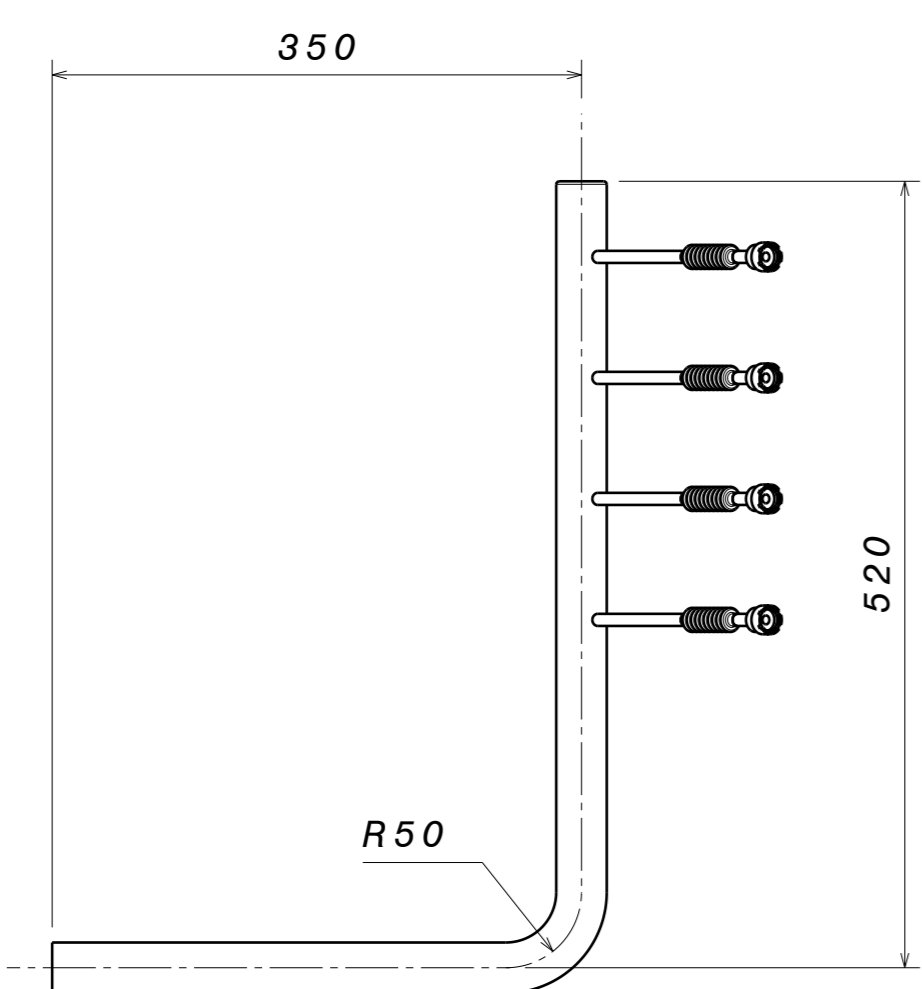
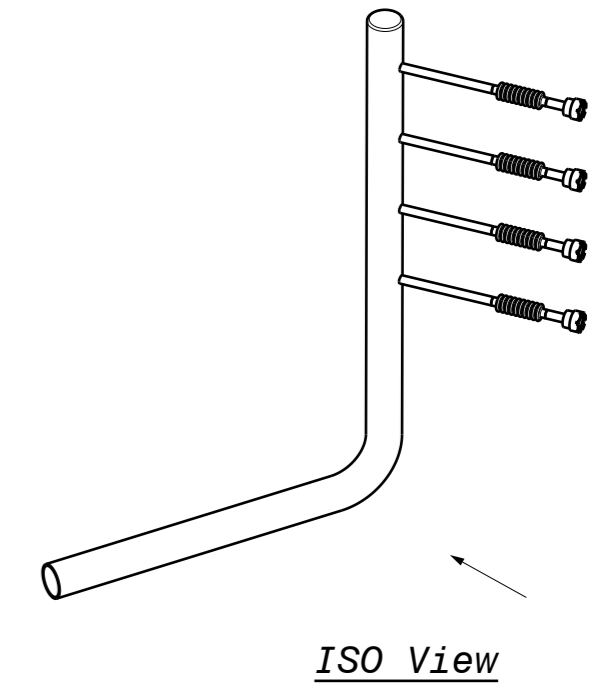
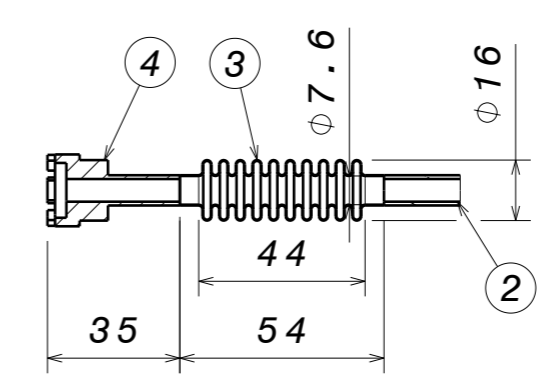
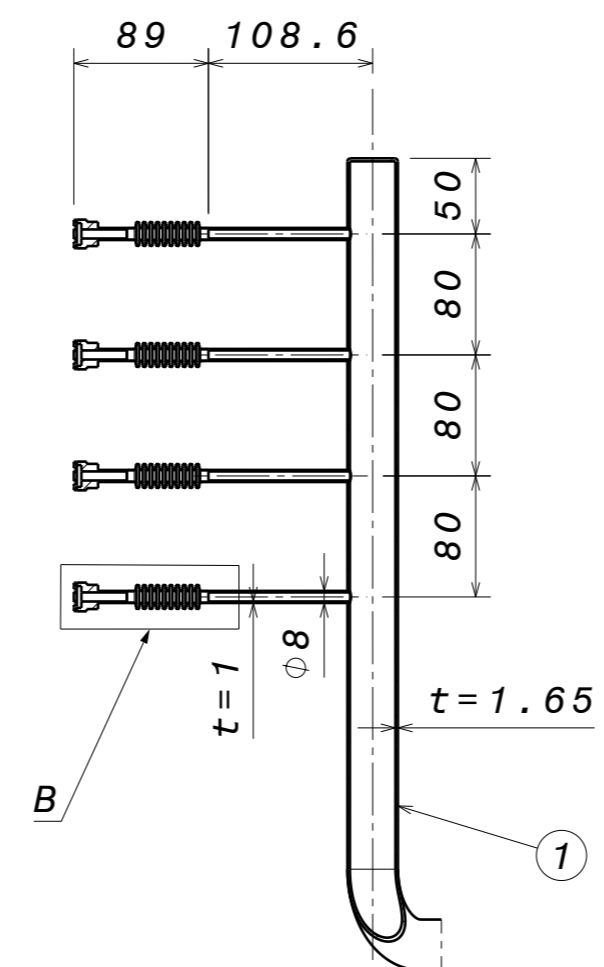
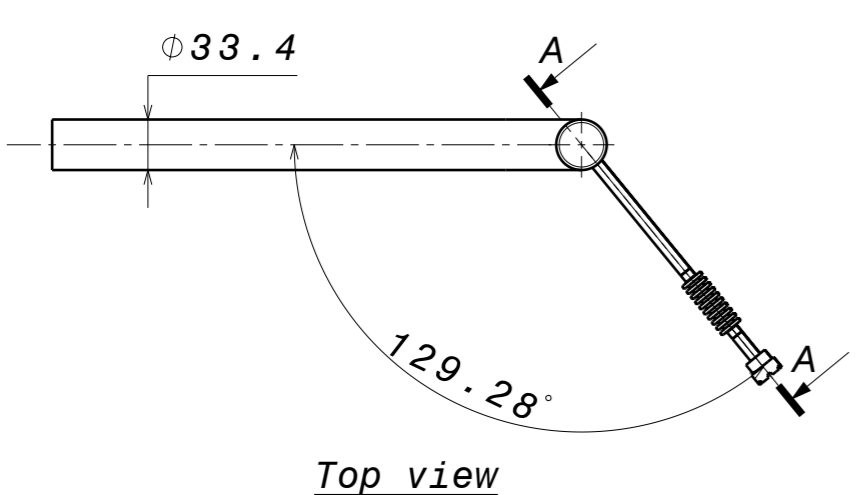
Quantity: 01 nos.

GENERAL TOLERANCE: ISO 2768 mK

SURFACE ROUGHNESS: $\sqrt{Rz} 6.3$

Sr.No	Part Name	Qty	Type	Material	Nomenclature	Revision
4	DOCKWEILER MALE END (RE-1232-0101)	4	STD	STD		
3	BELLOW	4	STD	AISI 304L		
2	TUBE	4	Part	AISI 304L		
1	HEADER	1	Part	AISI 304L		

LCA IPR ID			RELEASED BY		INSTITUTE FOR PLASMA RESEARCH		
USED ON			APPROVED BY		CONFIDENTIAL UNLESS AUTHORISED		
PBS TITLE			CHECKED BY		The information on this drawing is confidential. This information shall not be transmitted to anyone who is not authorised to receive it.		
REV DATE			CONTROLLED BY		DRAWING TITLE		
PT MATURITY			DRAWN BY		TS-EG-Tube and Header 1		
PT VERSION			PBS 3 LEVELS		DRAWING NUMBER		
SHEET SIZE			NO. OF SHTS		TS-EG-GB-00-03		
SCALE			THIRD ANGLE PROJECTION		SHEET		
420x297			01		REVISION		
1:5			NN XX YY		01		
STATUS			DRAWING NUMBER		NNN		
Z			TS-EG-GB-00-03		Z		



Quantity: 01 nos.
 GENERAL TOLERANCE: ISO 2768 mK
 SURFACE ROUGHNESS: \sqrt{Rz} 6.3

Sr.No	Part Name	Qty	Type	Material	Nomenclature	Revision
4	DOCKWEILER MALE END (RE-1232-0101)	4	STD			
3	BELLOW	4	STD	AISI 304L		
2	TUBE	4	Part	AISI 304L		
1	HEADER	1	Part	AISI 304L		

LCA IPR ID -			RELEASED BY		INSTITUTE FOR PLASMA RESEARCH		
USED ON -			APPROVED BY		BHAT, GANDHINAGAR-382428		
PBS TITLE -			CHECKED BY		CONFIDENTIAL UNLESS AUTHORISED		
REV DATE -			CONTROLLED BY		The information on this drawing is confidential. This information shall not be transmitted to anyone who is not authorised to receive it.		
PT MATURITY AA			DRAWN BY		DRAWING TITLE		TS-EG-Tube and Header 2
PT VERSION N			NO. OF SHTS		01		
SHEET SIZE 420x297			SCALE 1:5		-		
THIRD ANGLE PROJECTION			PBS 3 LEVELS		DRAWING NUMBER		TS-EG-GB-00-04
			NN, XX, YY		SHEET		
					REVISION		01 NNN Z
					STATUS		

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3

4

A

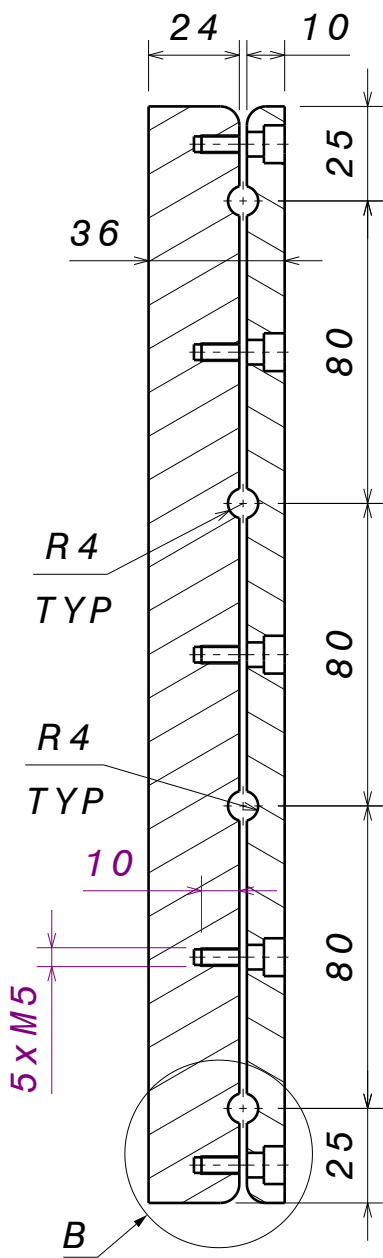
A

B

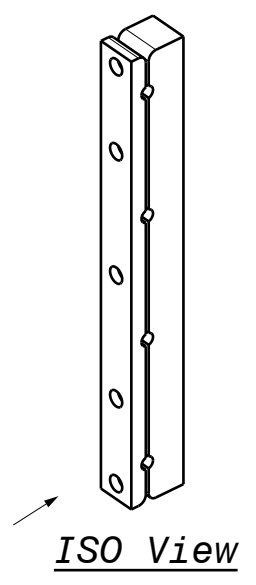
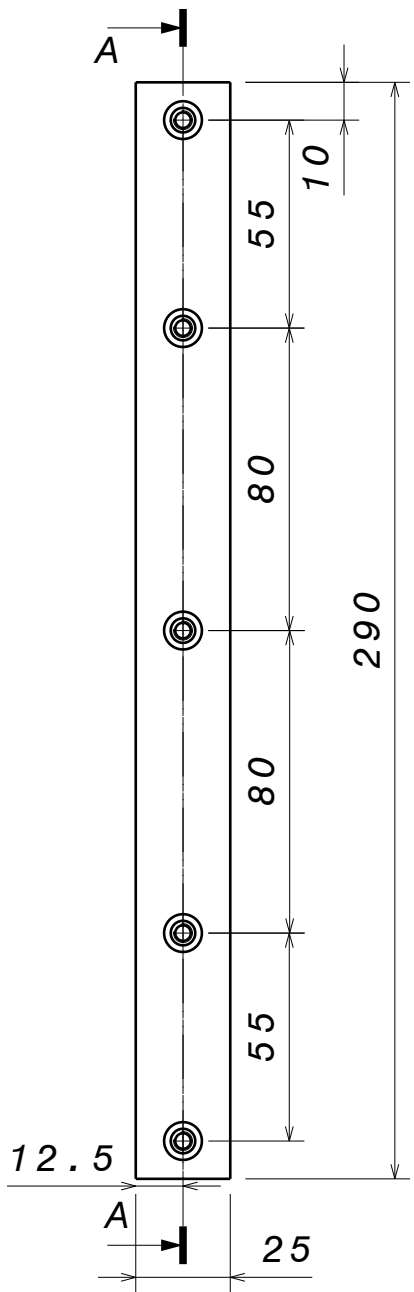
B

C

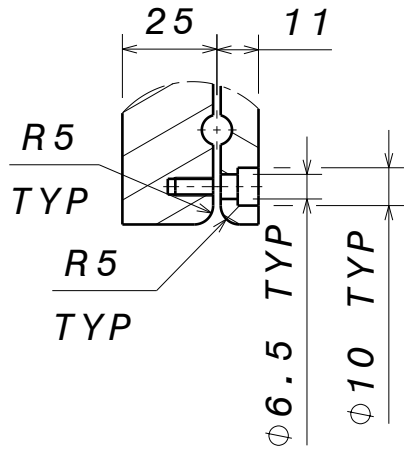
C



Section A-A



ISO View


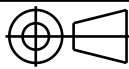


Detail B

Qty: 2nos.
 GENERAL TOLERANCE: ISO 2768 mK
 MATERIAL: SS304L
 SURFACE ROUGHNESS: $\sqrt{Rz\ 6.3}$

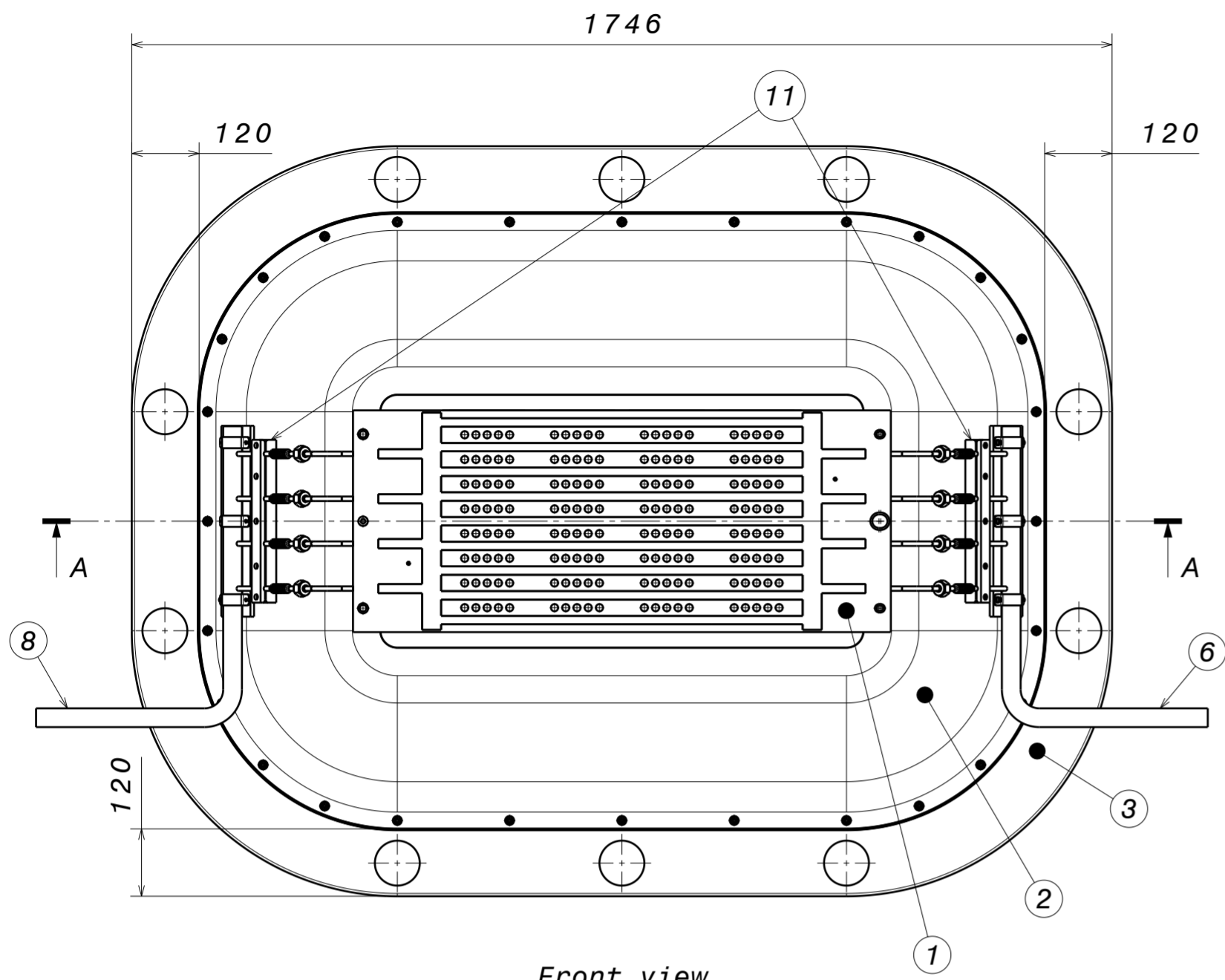
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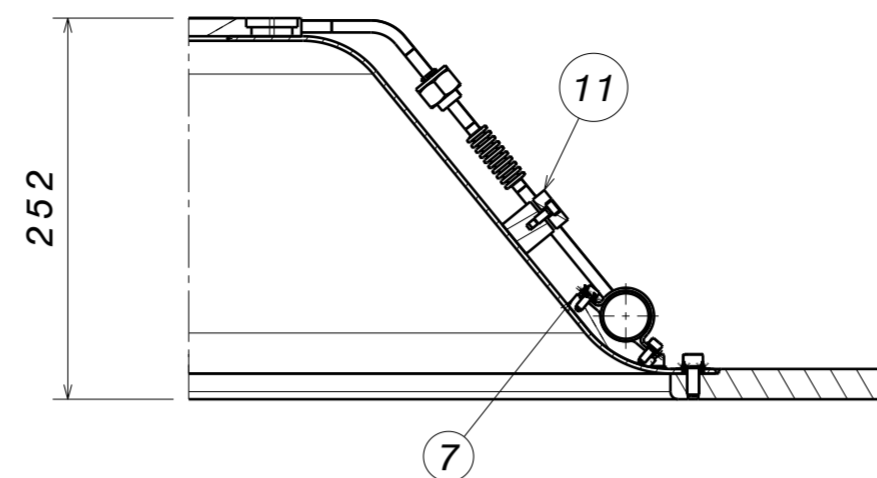
LCA IPR ID		-		RELEASED BY	INSTITUTE FOR PLASMA RESEARCH		
USED ON		-		APPROVED BY	CONFIDENTIAL UNLESS AUTHORISED		
PBS TITLE		-		CHECKED BY	The information on this drawing is confidential. This information shall not be transmitted to anyone who is not authorised to receive it.		
REV DATE		PT MATURITY	PT VERSION	CONTROLLED BY	DRAWING TITLE		
-	-	AA	N	-	TS-EG-Tube Support 1		
SHEET SIZE		SCALE		DRAWN BY		-	
297x210		1:2		-		-	
THIRD ANGLE PROJECTION		NO. OF SHTS		PBS 3 LEVELS		DRAWING NUMBER	SHEET
		01		NN XX YY		TS-EG-GB-00-05	01
							REVISION
							NNN
							STATUS
							Z

1

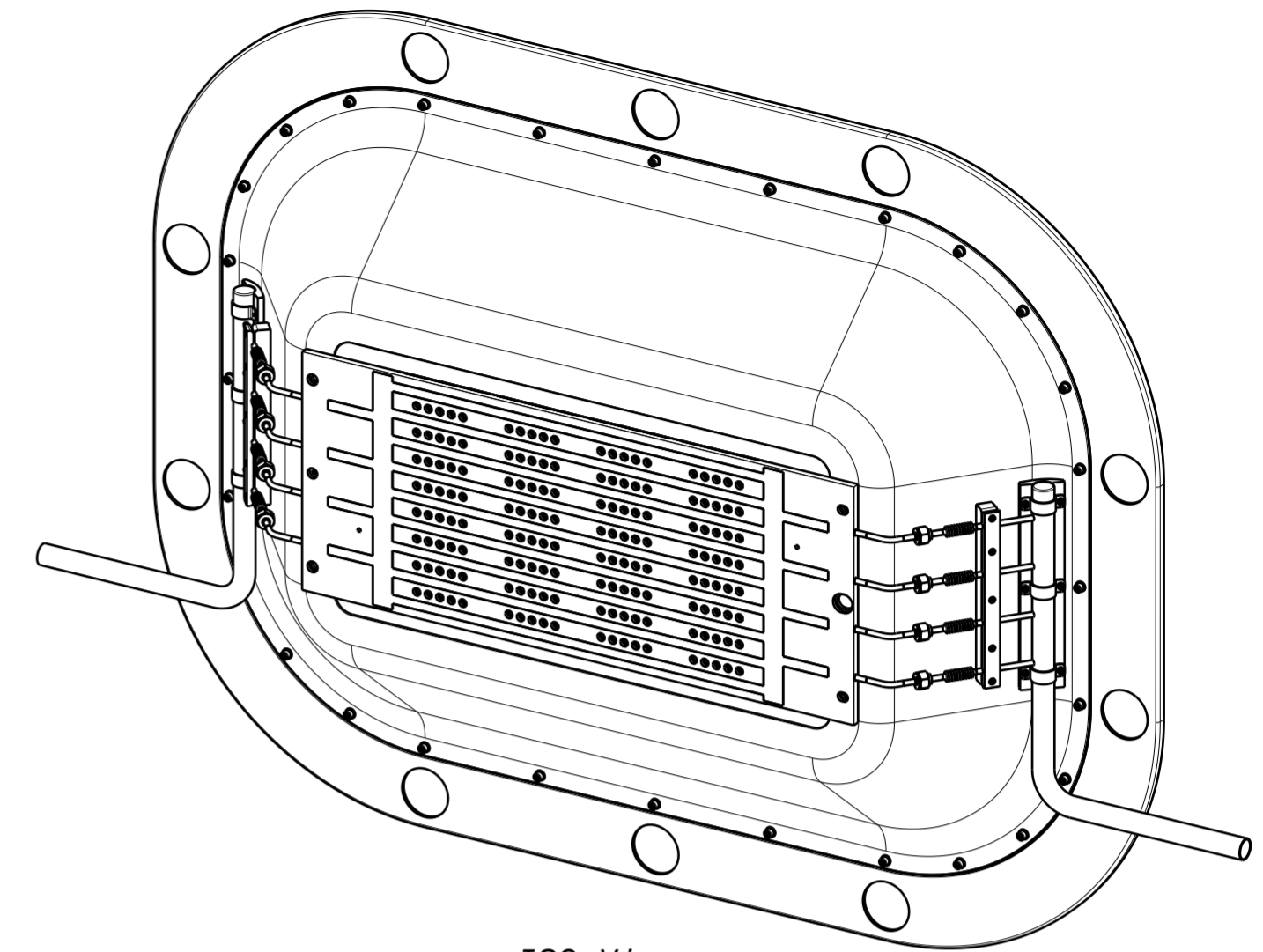
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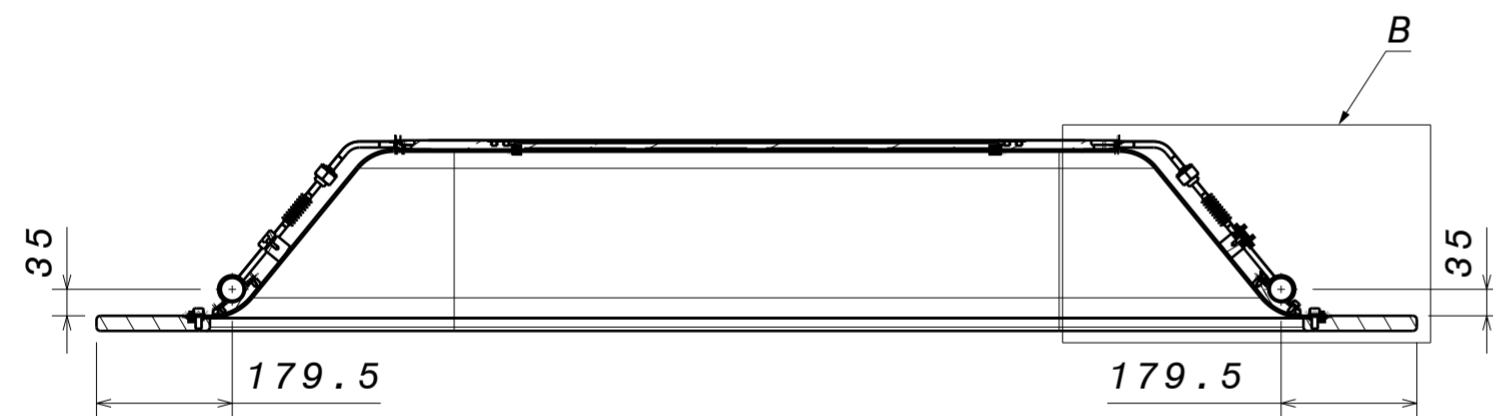
Front view



Detail B
Scale: 1:5



ISO View



Section A-A
Scale: 1:10

17	ISO_7090_M5_WASHER	12	STD			
16	M5x12_CAPSCREW	17	STD			
15	M8x20_CAPSCREW	28	STD			
14	ISO_7090_M8_WASHER	28	STD			
13	M5x10_CSK_SCREW	32	STD			
12	ISO10642_M6x10_CSK_HEAD_SCREW	10	STD			
11	TS-EG-Tube Support 1	2	Part	AISI304L	TS-EG-GB-00-05	
10	EXTRACTOR_GRID_MAGNET	32	Part	Not Included in Scope	Not Included in Scope	Not Included in Scope
9	TS-EG-Header Support Clamp	6	Part	AISI304L	TS-EG-GB-00-02	
8	TS-EG-Tube and Header 2	1	Assy	AISI304L	TS-EG-GB-00-04	
7	TS-EG-Header Support	2	Part	AISI304L	TS-EG-GB-00-01	
6	TS-EG-Tube and Header 1	1	Assy	AISI304L	TS-EG-GB-00-03	
5	TS_EG_SEG_MAGNET_COVER_PLATE	1	Part	Not Included in Scope	Not Included in Scope	Not Included in Scope
4	EXTRACTOR_GRID_KERB	1	Part	Not Included in Scope	Not Included in Scope	Not Included in Scope
3	TS-Extractor grid Mounting Flange	1	Part	AISI 304L	TS-EG-GB-00-06	
2	TS- Extractor Grid Seg Support Frame	1	Part	AISI304L	TS-EG-GB-00-07	
1	TS_EG_SEG_AND_TUBE_ASSY	1	ASSY	Not Included in Scope	Not Included in Scope	Not Included in Scope
Sr.No	Part Name	Qty	Type	Material	Ref Drawing	Remarks

Some Parts/Components/accessories/hardwares highlighted here are not included under Vendor's scope of delivery Kindly refer to the Bill of material for remraks on the same

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GENERAL TOLERANCE: ISO 2768 mK
SURFACE ROUGHNESS: $\sqrt{Rz 6.3}$

LCA ITER ID	-	RELEASED BY	INSTITUTE FOR PLASMA RESEARCH				
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PBS TITLE	-	CHECKED BY	The information on this drawing is confidential under the terms of the ITER agreement. This information shall not be transmitted to anyone who is not authorised to receive it.				
REV DATE	PT MATURITY	PT VERSION	DRAWING TITLE				
-	AA	N	EG Grid holder box assembly				
SHEET SIZE	SCALE	DRAWN BY	-				
594x420	1:10	-	-				
THIRD ANGLE PROJECTION	NO. OF SHTS	PBS 3 LEVELS	DRAWING NUMBER	TS-EG-GB-00-00	SHEET	REVISION	STATUS
6	01	NN, XX, YY	01	NNN	Z		



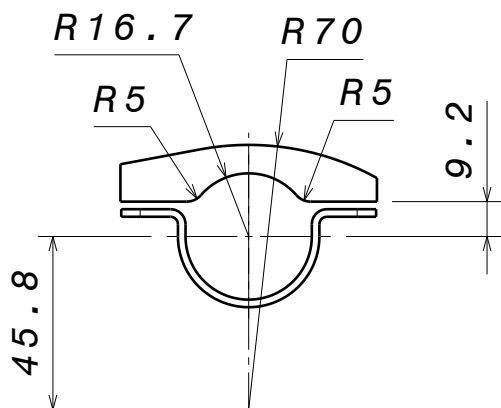
1

2

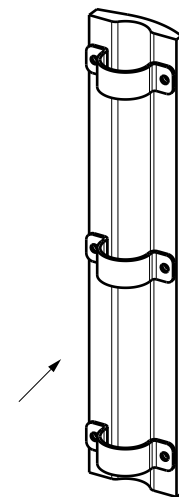
3

4

A

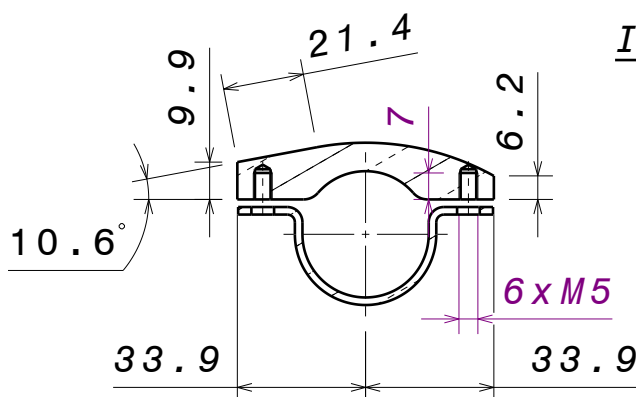
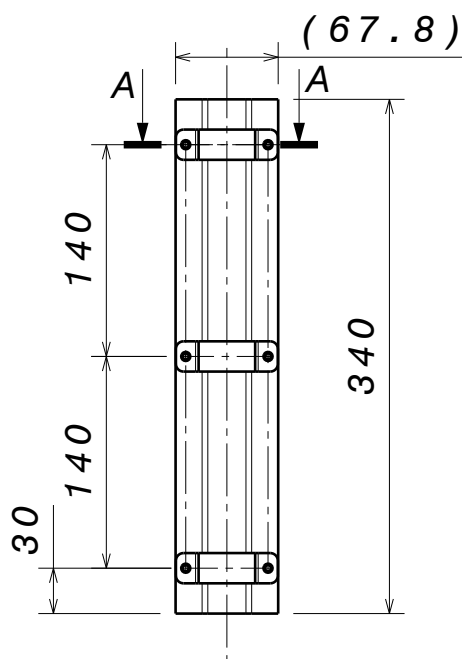


Top view
Scale: 1:2



ISO View

B



Section A-A
Scale: 1:2




Item	Ref Drawing	Qty
TS-GG-Header-Support	TS-GG-GB-00-01	02
TS-EG-HEADER-SUPPORT CLAMP	TS-GG-GB-00-10	10

C

Quantity: 2nos.
GENERAL TOLERANCE: ISO 2768 mK
MATERIAL: SS304L
SURFACE ROUGHNESS: $\sqrt{Rz\ 6.3}$

NOTE :-

1. ALL DIMENSIONS ARE IN millimeters UNLESS STATED.
2. PART SHALL BE FREE FROM SHARP CORNERS, BURRS & SHARP EDGES.

LCA IPR ID			-		RELEASED BY	INSTITUTE FOR PLASMA RESEARCH BHAT, GANDHINAGAR-382428		
USED ON			-		APPROVED BY	CONFIDENTIAL UNLESS AUTHORISED The information on this drawing is confidential. This information shall not be transmitted to anyone who is not authorised to receive it.		
PBS TITLE			-		CHECKED BY	-		
REV DATE			PT MATURITY	PT VERSION	CONTROLLED BY	DRAWING TITLE TS-GG-Header Support Assembly		
SHEET SIZE			SCALE		DRAWN BY		-	
297x210			1:5		-		-	
THIRD ANGLE PROJECTION					NO. OF SHTS	PBS 3 LEVELS		
01			NN, XX, YY		DRAWING NUMBER		TS-GG-GB-00-01-01 TS-GG-GB-00-02	
SHEET			REVISION		STATUS		-	
01			NNN		Z		-	

1

4

D

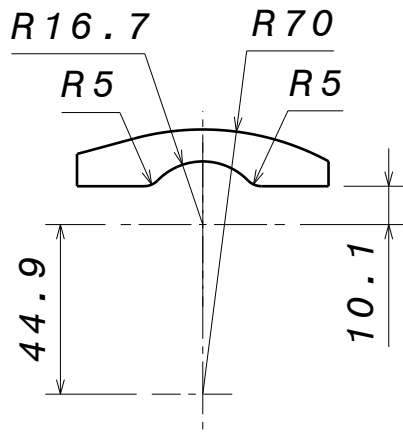
D

1

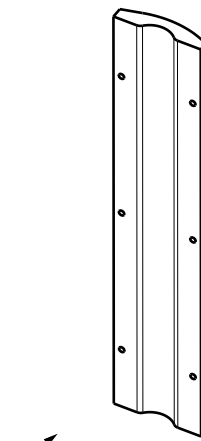
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3

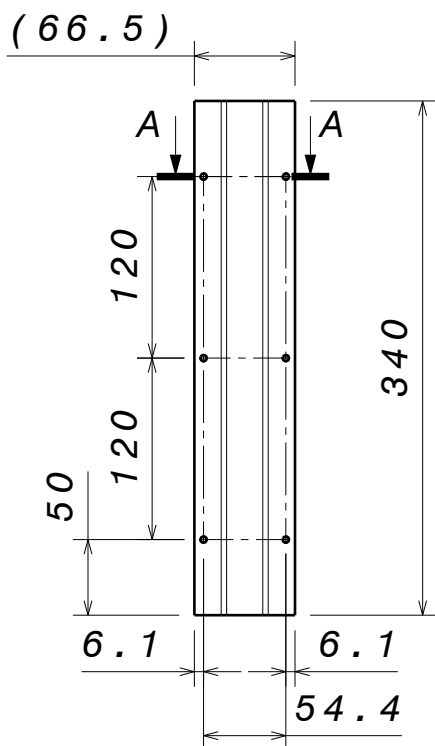
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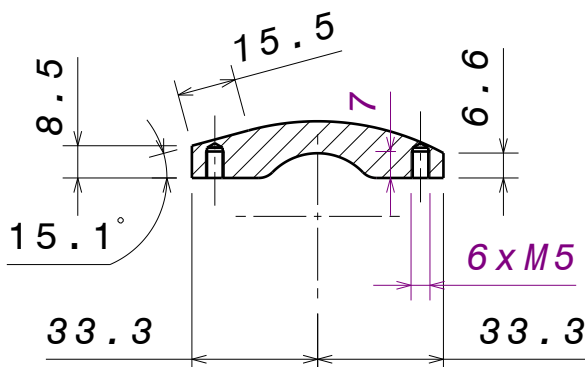
Top view
Scale: 1:2



ISO View



Section A-A
Scale: 1:2



Quantity : 02 nos.

GENERAL TOLERANCE: ISO 2768 mK



MATERIAL: SS304L

SURFACE ROUGHNESS: $\sqrt{Rz 6.3}$

NOTE :-

1. ALL DIMENSIONS ARE IN millimeters UNLESS STATED.

2. PART SHALL BE FREE FROM SHARP CORNERS, BURRS & SHARP EDGES.

LCA IPR ID		-		RELEASED BY	INSTITUTE FOR PLASMA RESEARCH				
USED ON		-		APPROVED BY	CONFIDENTIAL UNLESS AUTHORISED				
PBS TITLE		-		CHECKED BY	The information on this drawing is confidential. This information shall not be transmitted to anyone who is not authorised to receive it.				
REV DATE		PT MATURITY	PT VERSION	CONTROLLED BY	DRAWING TITLE				
-	-	AA	N	-	TS-GG-Header Support				
SHEET SIZE		SCALE		DRAWN BY	-				
297x210		1:5		-		-			
THIRD ANGLE PROJECTION		NO. OF SHTS	01	PBS 3 LEVELS	DRAWING NUMBER	TS-GG-GB-00-01	SHEET	REVISION	STATUS
1				NN, XX, YY			01	NNN	Z

1

4

1

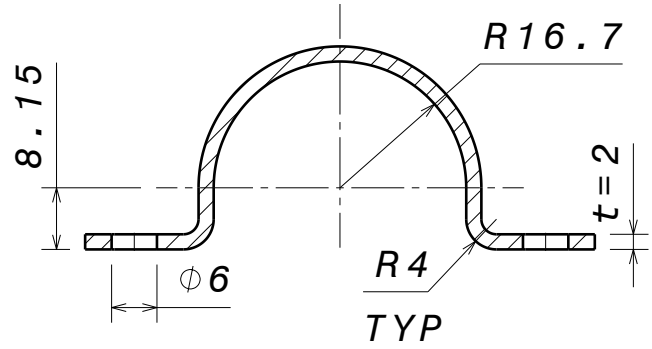
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3

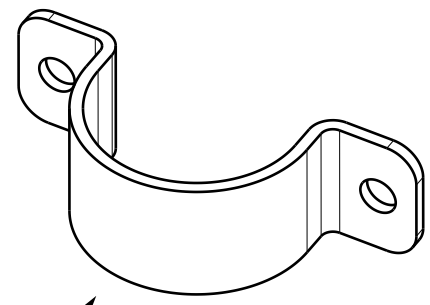
4

A

A



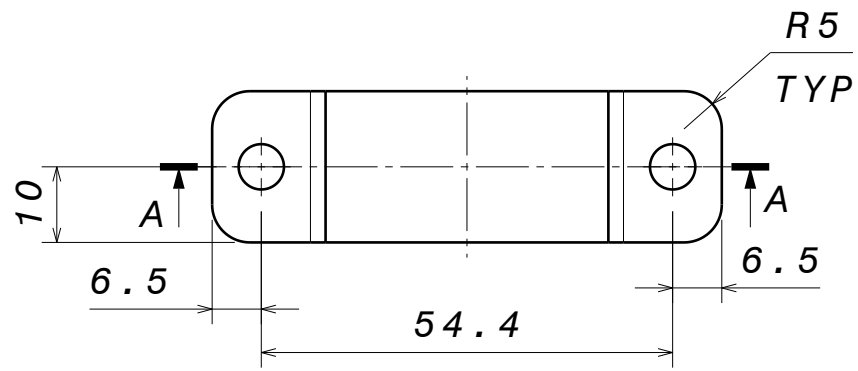
Section A-A



ISO View

B

B




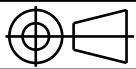
C

C

GENERAL TOLERANCE: ISO 2768 mK
 MATERIAL: SS304L
 SURFACE ROUGHNESS: Rz 6.3
 QUANTITY: 6

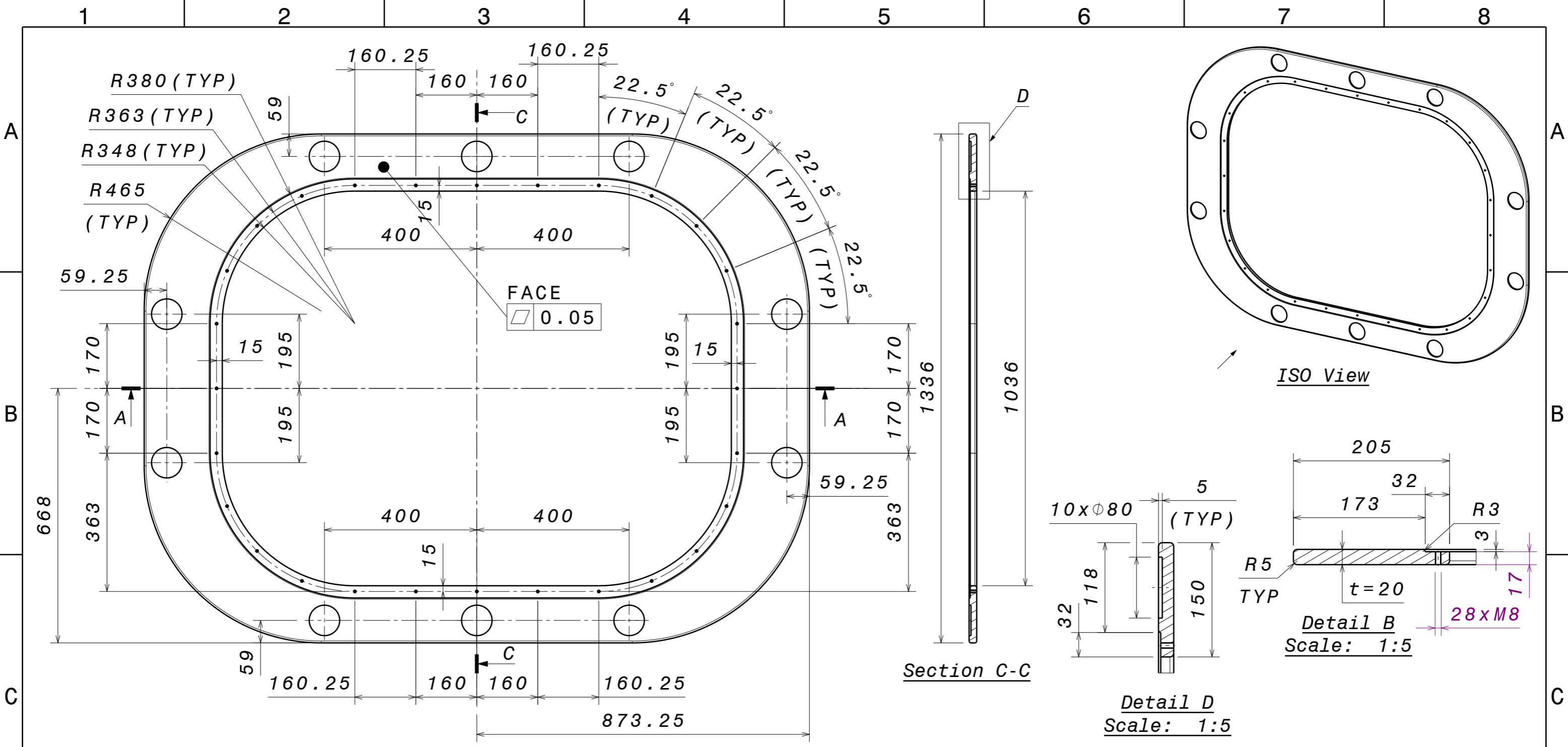
NOTE :-

1. ALL DIMENSIONS ARE IN millimeters UNLESS STATED.
2. PART SHALL BE FREE FROM SHARP CORNERS, BURRS & SHARP EDGES.

LCA ITER ID		-		RELEASED BY	INSTITUTE FOR PLASMA RESEARCH				
USED ON		-		APPROVED BY	CONFIDENTIAL UNLESS AUTHORISED				
PBS TITLE		-		CHECKED BY	The information on this drawing is confidential under the terms of the ITER agreement. This information shall not be transmitted to anyone who is not authorised to receive it.				
REV DATE		PT MATURITY	PT VERSION	CONTROLLED BY	DRAWING TITLE				
-	-	AA	N	-	TS_GG_HEADER_SUPP_CLAMP				
SHEET SIZE		SCALE		DRAWN BY	-				
297x210		1:1		-			-		
THIRD ANGLE PROJECTION		NO. OF SHTS	PBS 3 LEVELS		DRAWING NUMBER	TG-GG-GB-00-10	SHEET	REVISION	STATUS
1		01	NN	XX	YY		01	NNN	Z

1

4



Quantity: 01 nos.

GENERAL TOLERANCE: ISO 2768 mK

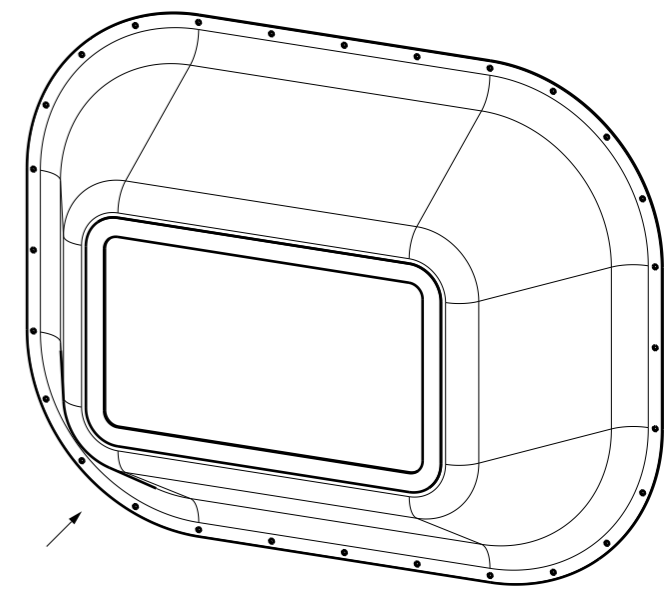
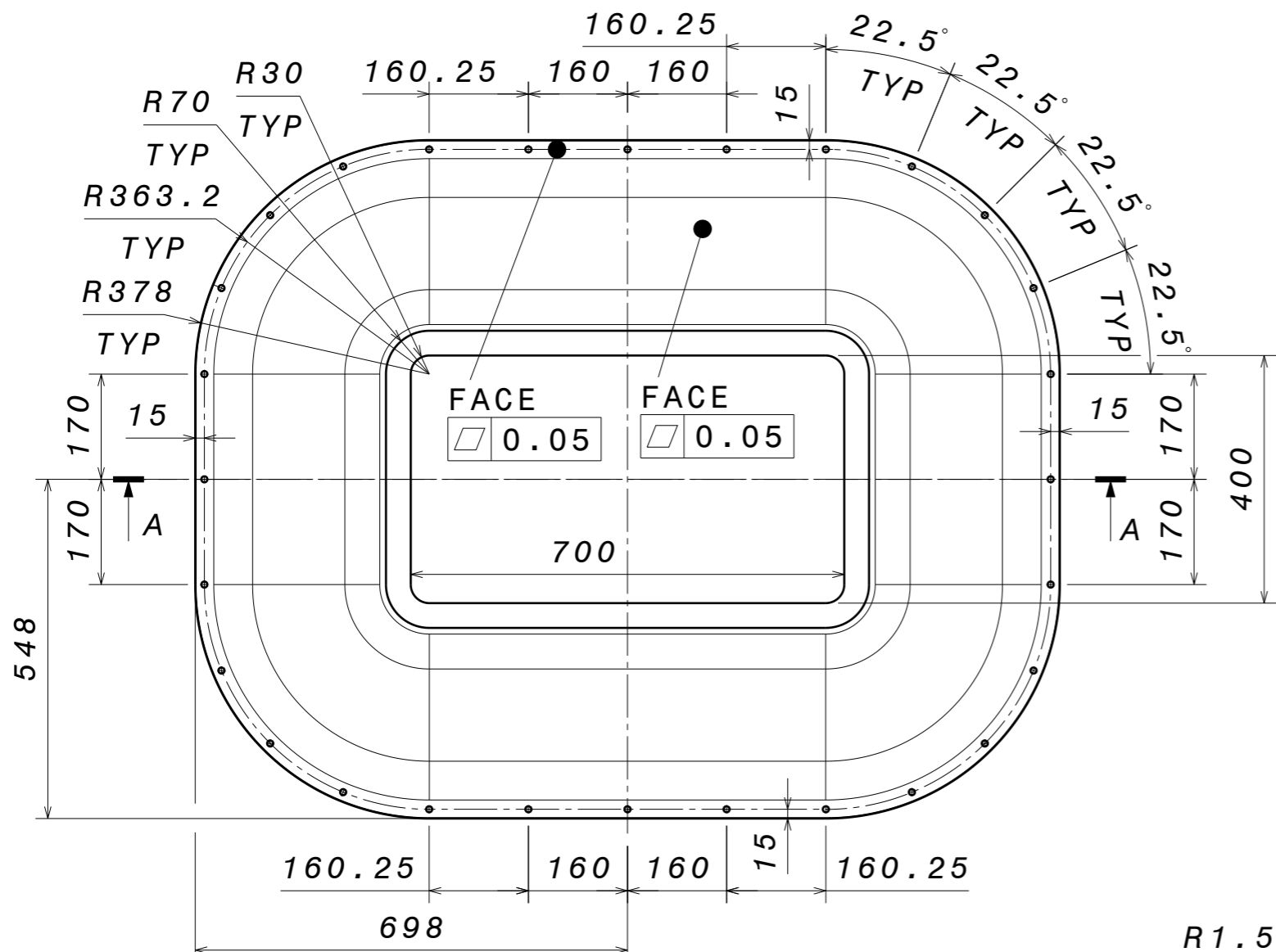
MATERIAL: SS304L

SURFACE ROUGHNESS: $\sqrt{Rz 6.3}$

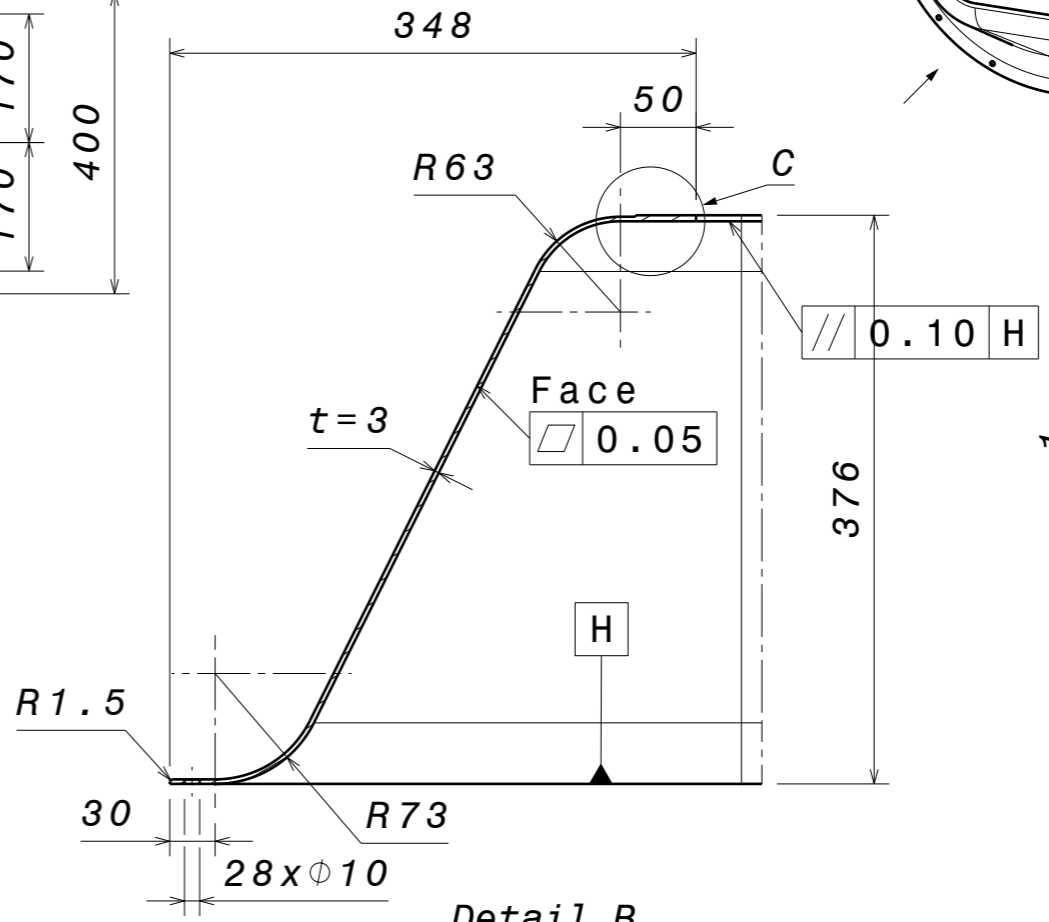


NOTE :-
 1. ALL DIMENSIONS ARE IN millimeters UNLESS STATED.
 2. PART SHALL BE FREE FROM SHARP CORNERS, BURRS & SHARP EDGES.

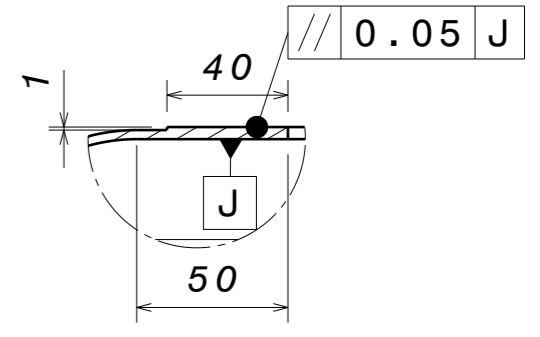
LCA IPR ID -			RELEASED BY -		INSTITUTE FOR PLASMA RESEARCH BHAT, GANDHINAGAR-382428		
USED ON -			APPROVED BY -		CONFIDENTIAL UNLESS AUTHORISED The information on this drawing is confidential. This information shall not be transmitted to anyone who is not authorised to receive it.		
PBS TITLE -			CHECKED BY -		DRAWING TITLE TS Ground grid Mounting Flange		
REV DATE -			CONTROLLED BY -				
PT MATURITY AA			DRAWN BY -		PBS 3 LEVELS		
PT VERSION N			NO. OF SHTS 01		DRAWING NUMBER		
SHEET SIZE 420x297			SCALE 1:10		TS-GG-GB-00-06		
THIRD ANGLE PROJECTION			NN XX YY		SHEET 01		
					REVISION NNN		
					STATUS Z		



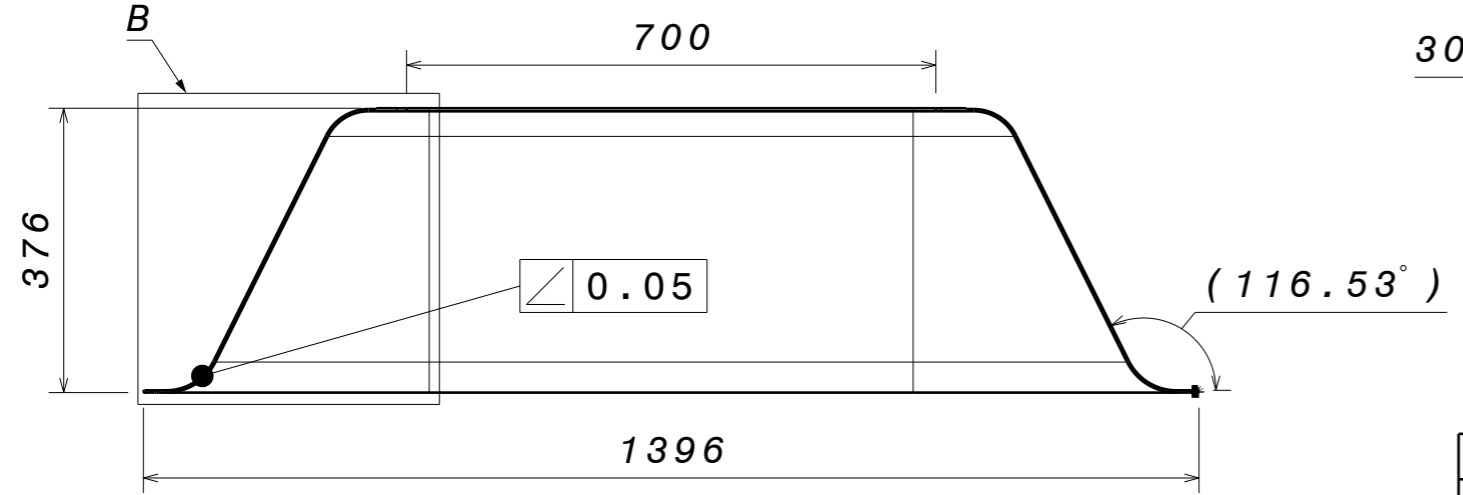
ISO View



Detail B
Scale: 1:5



Detail C
Scale: 2:5



Section A-A

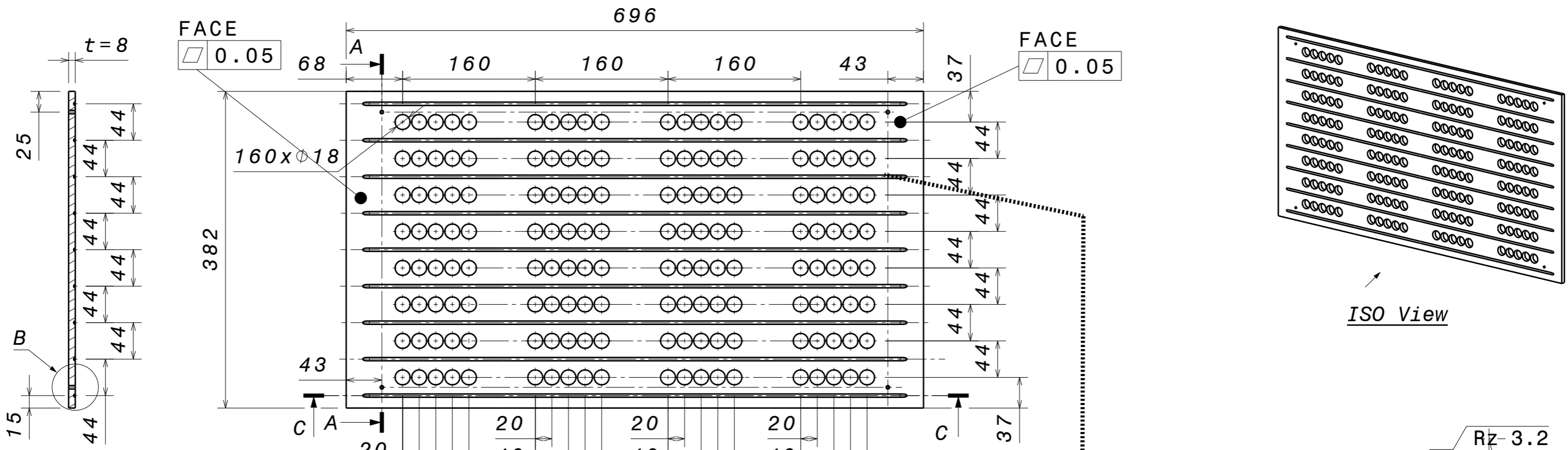
Quantity: 01 nos.
GENERAL TOLERANCE: ISO 2768 mK
MATERIAL: SS304L
SURFACE ROUGHNESS: Rz 6.3

NOTE :-
 1. ALL DIMENSIONS ARE IN millimeters UNLESS STATED.
 2. PART SHALL BE FREE FROM SHARP CORNERS, BURRS & SHARP EDGES.

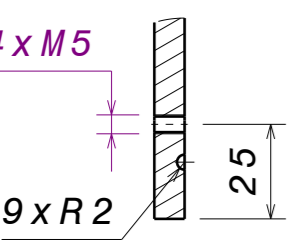
LCA IPR ID			-		RELEASED BY	INSTITUTE FOR PLASMA RESEARCH				
USED ON			-		APPROVED BY	CONFIDENTIAL UNLESS AUTHORISED				
PBS TITLE			-		CHECKED BY	The information on this drawing is confidential. This information shall not be transmitted to anyone who is not authorised to receive it.				
REV DATE			PT MATURITY	PT VERSION	DRAWING TITLE					
-			AA	N	-					
SHEET SIZE			SCALE		DRAWN BY					
420x297			1:10		TS Grounded Grid segment support frame					
THIRD ANGLE PROJECTION			NO. OF SHTS		PBS 3 LEVELS		DRAWING NUMBER	SHEET	REVISION	STATUS
			01		NN, XX, YY		TS-GG-GB-00-07	01	NNN	Z



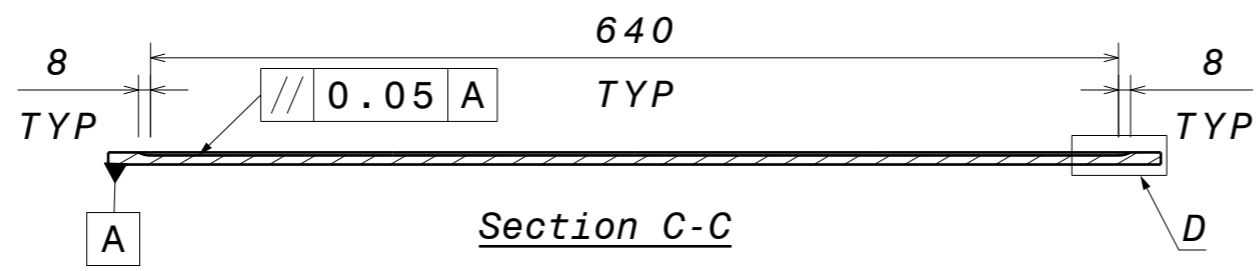
1 2 3 4 5 6 7 8



Section A-A

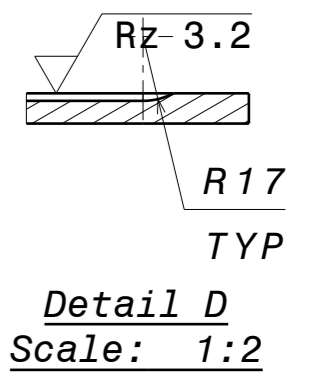


Detail B
Scale: 1:2



Section C-C


SOFT IRON PLATE PIPES
Ref Drawing: TS-GG-GB-00-09
would be brazed at
these groove locations



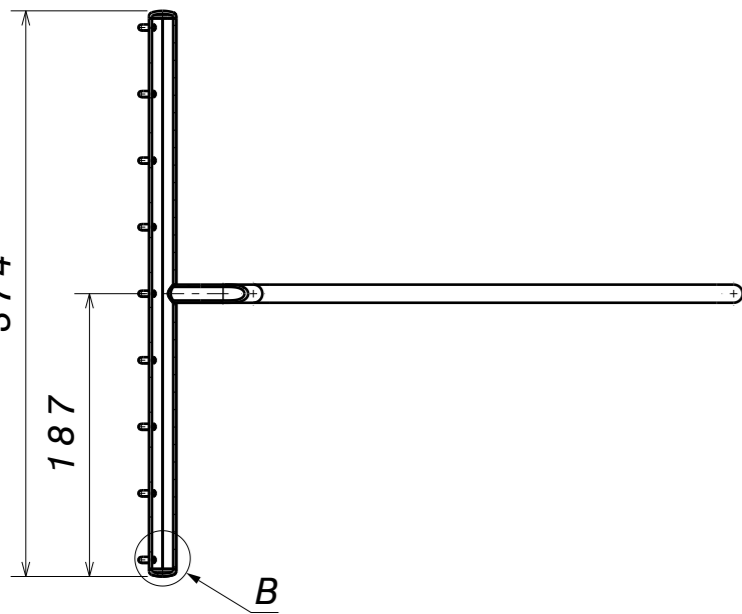
Detail D
Scale: 1:2

Quantity: 01 nos.
GENERAL TOLERANCE: ISO 2768 fH
MATERIAL: SS304L
SURFACE ROUGHNESS: Rz 6.3

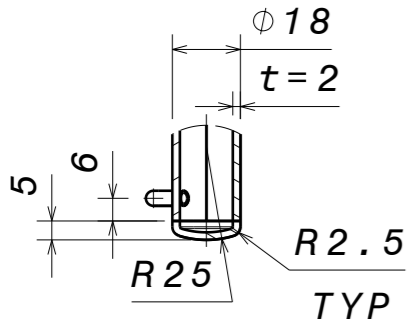
NOTE :-
1. ALL DIMENSIONS ARE IN millimeters UNLESS STATED.
2. PART SHALL BE FREE FROM SHARP CORNERS, BURRS & SHARP EDGES.

LCA ITER ID -			RELEASED BY		INSTITUTE FOR PLASMA RESEARCH				
USED ON -			APPROVED BY		CONFIDENTIAL UNLESS AUTHORISED				
PBS TITLE -			CHECKED BY		The information on this drawing is confidential under the terms of the ITER agreement. This information shall not be transmitted to anyone who is not authorised to receive it.				
REV DATE -			CONTROLLED BY		DRAWING TITLE				
PT MATURITY	PT VERSION	DRAWN BY		TS_GG_SOFT_IRON_PLATE					
AA	N	-		-					
SHEET SIZE	SCALE	PBS 3 LEVELS		DRAWING NUMBER		SHEET		REVISION	STATUS
420x297	1:5	NN, XX, YY		TS-GG-GB-00-08		01		NNN	Z
THIRD ANGLE PROJECTION	NO. OF SHTS		DRAWING NUMBER		SHEET		REVISION		STATUS
	01		TS-GG-GB-00-08		01		NNN		Z

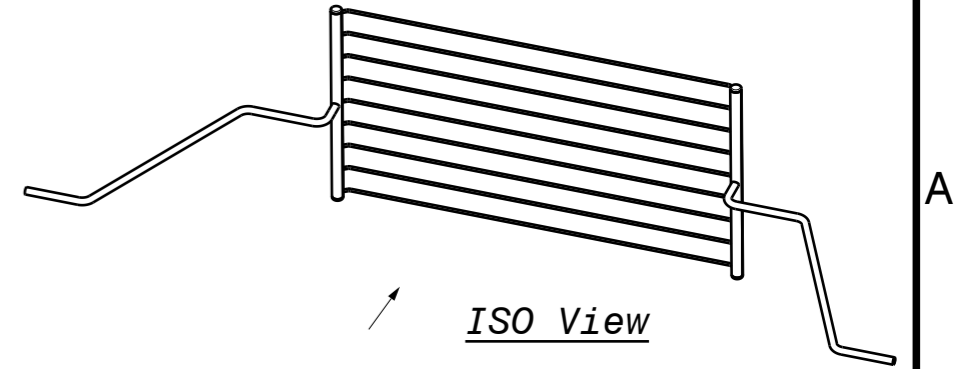
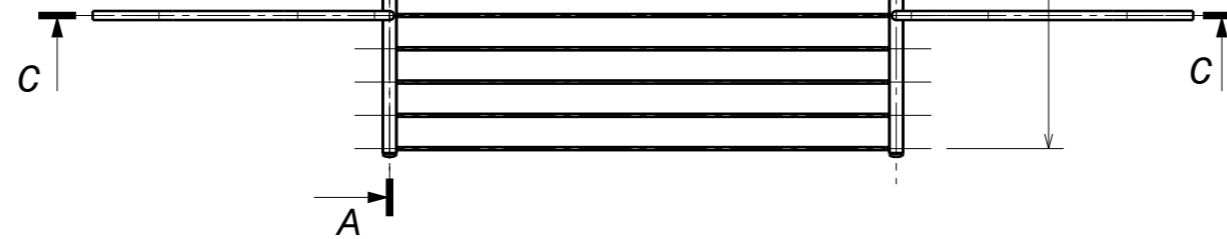
1 2 3 4 5 6 7 8



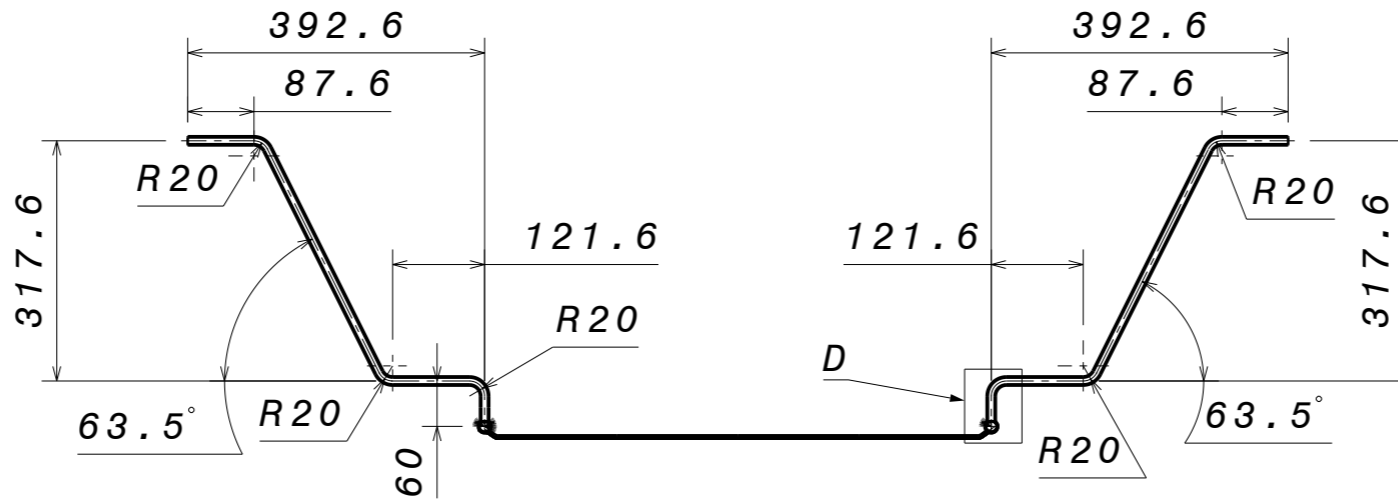
Section A-A



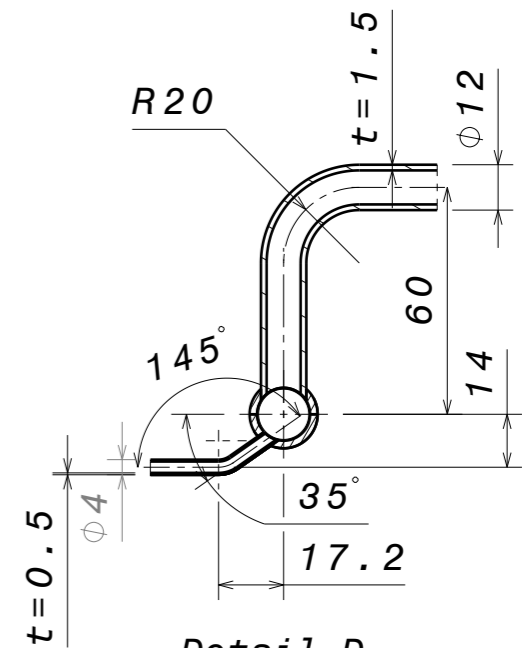
Detail B
Scale: 1:2



ISO View



Section C-C



Detail D
Scale: 1:2

Quantity: 01 nos.

GENERAL TOLERANCE: ISO 2768 mK

MATERIAL: SS304L

SURFACE ROUGHNESS: $Rz\ 6.3$

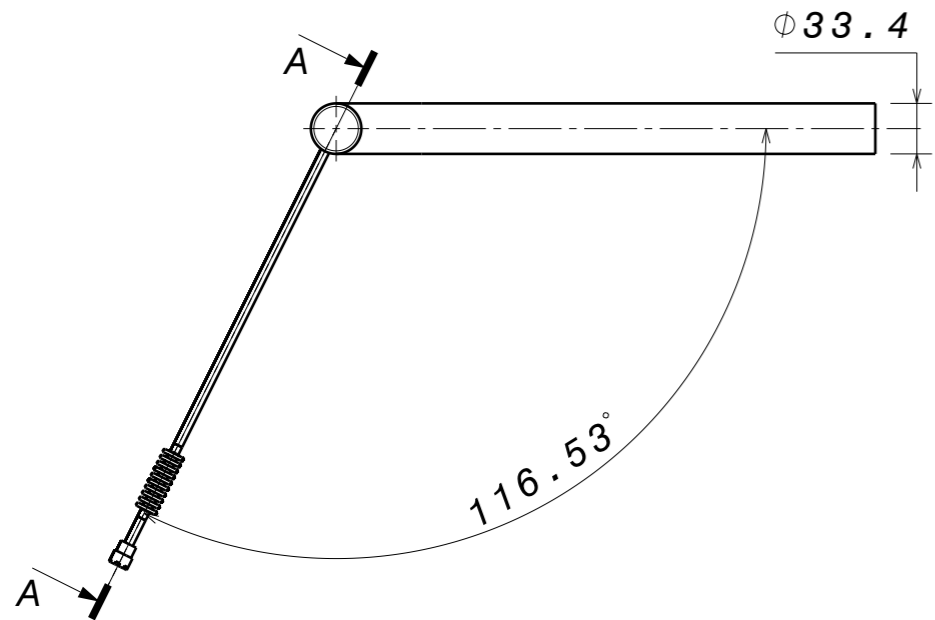
REMARKS: This SOFT IRON PLATE PIPES would be brazed with SOFT IRON PLATE (Refrence Drawing: TS-GG-GB-00-08)

NOTE :-

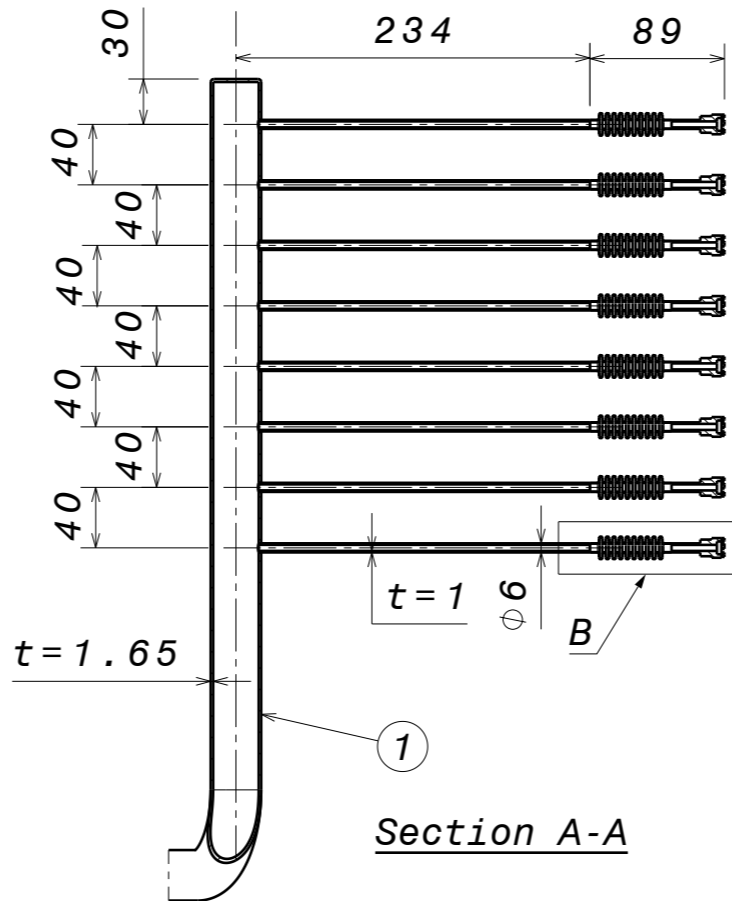
1. ALL DIMENSIONS ARE IN millimeters UNLESS STATED.
2. PART SHALL BE FREE FROM SHARP CORNERS, BURRS & SHARP EDGES.

LCA ITER ID			-		RELEASED BY	INSTITUTE FOR PLASMA RESEARCH				
USED ON			-		APPROVED BY	CONFIDENTIAL UNLESS AUTHORISED				
PBS TITLE			-		CHECKED BY	The information on this drawing is confidential under the terms of the ITER agreement. This information shall not be transmitted to anyone who is not authorised to receive it.				
REV DATE			PT MATURITY	PT VERSION	CONTROLLED BY	DRAWING TITLE				
-			AA	N	DRAWN BY	TS_GG_SOFT_IRON_PLATE_PIPES				
SHEET SIZE			SCALE		PBS 3 LEVELS		DRAWING NUMBER	SHEET	REVISION	STATUS
420x297			1:10		NN, XX, YY		TS-GG-GB-00-09	01	NNN	Z
THIRD ANGLE PROJECTION					NO. OF SHTS	01				

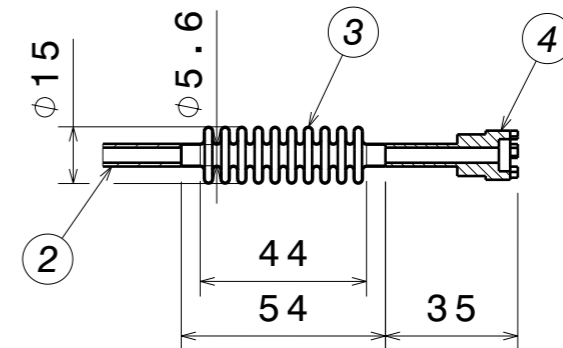




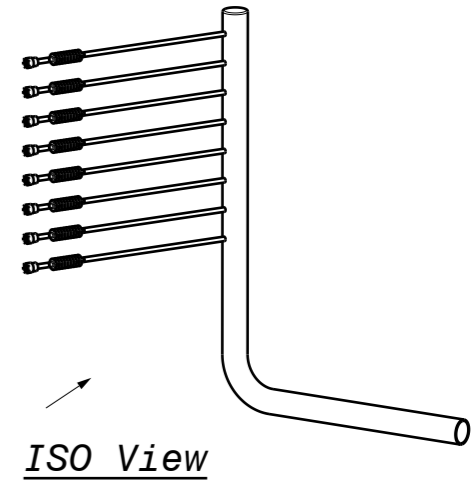
Top view



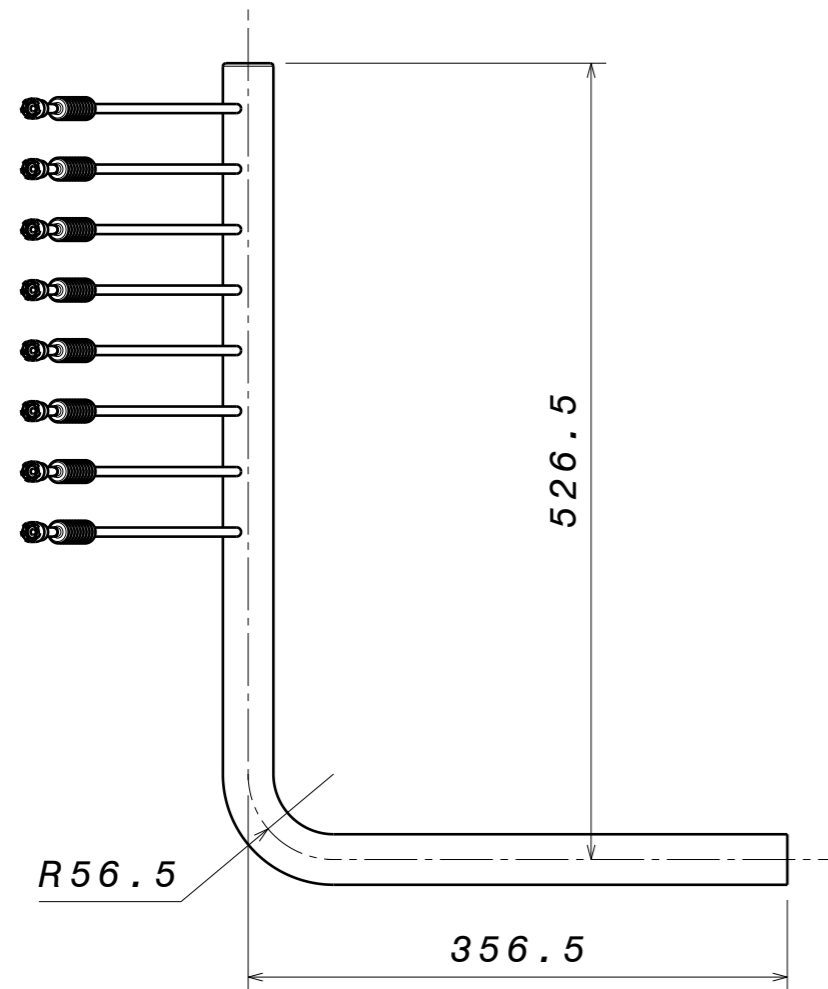
Section A-A



Detail B
Scale: 1:2




ISO View



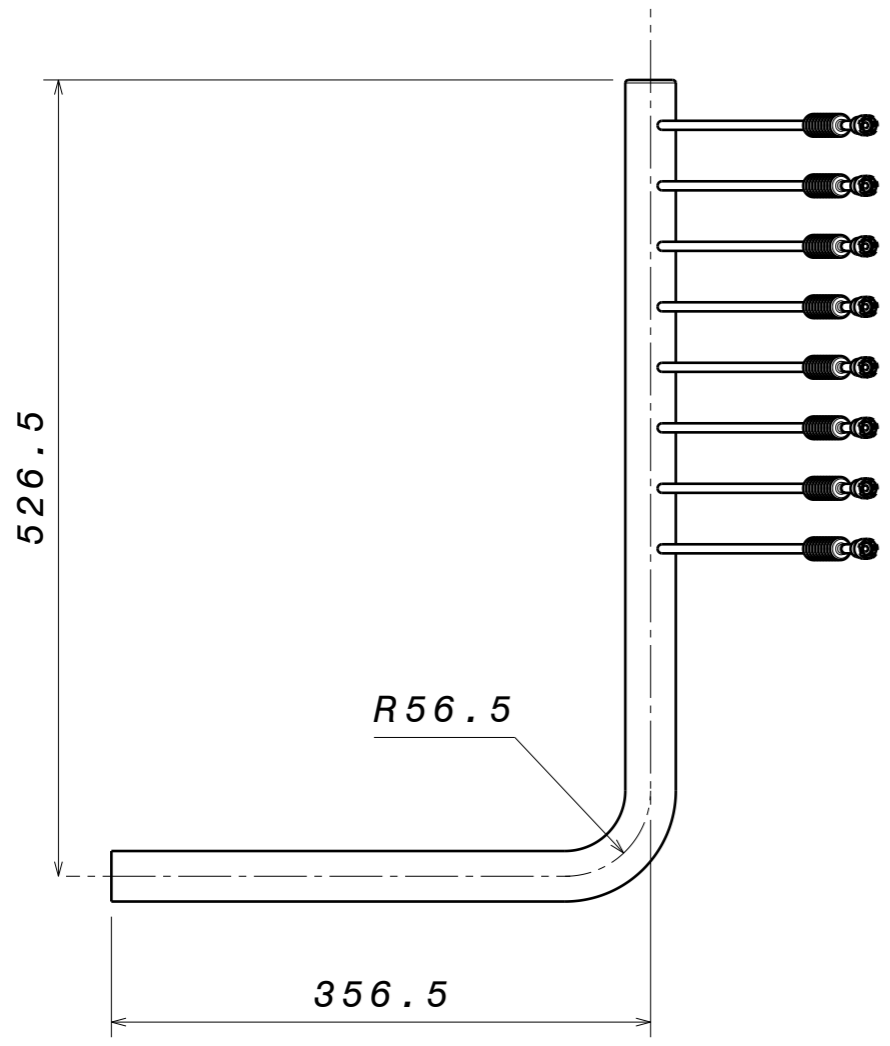
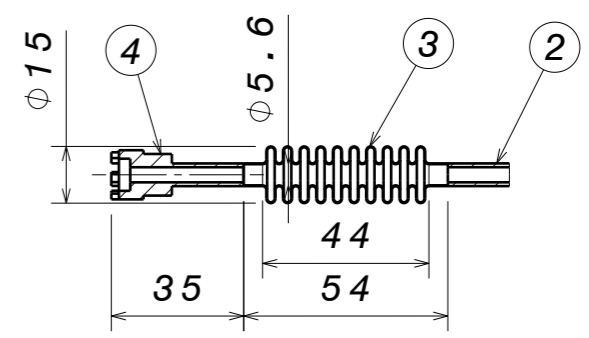
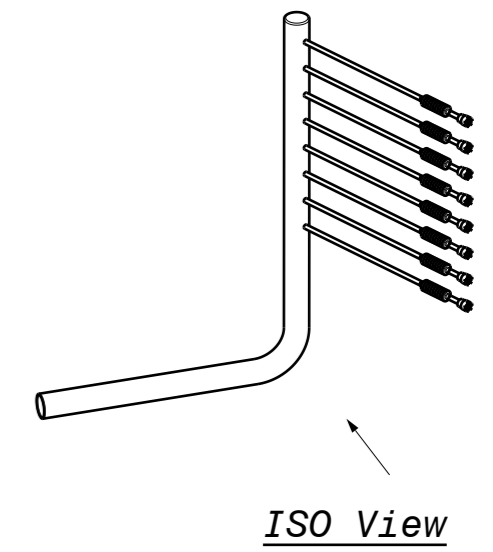
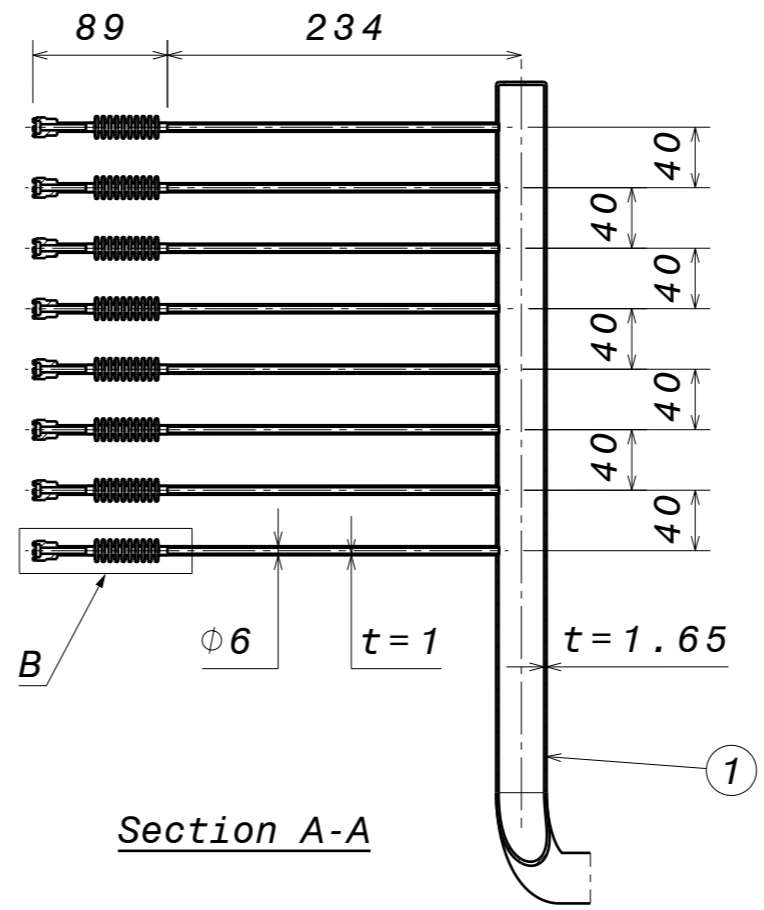
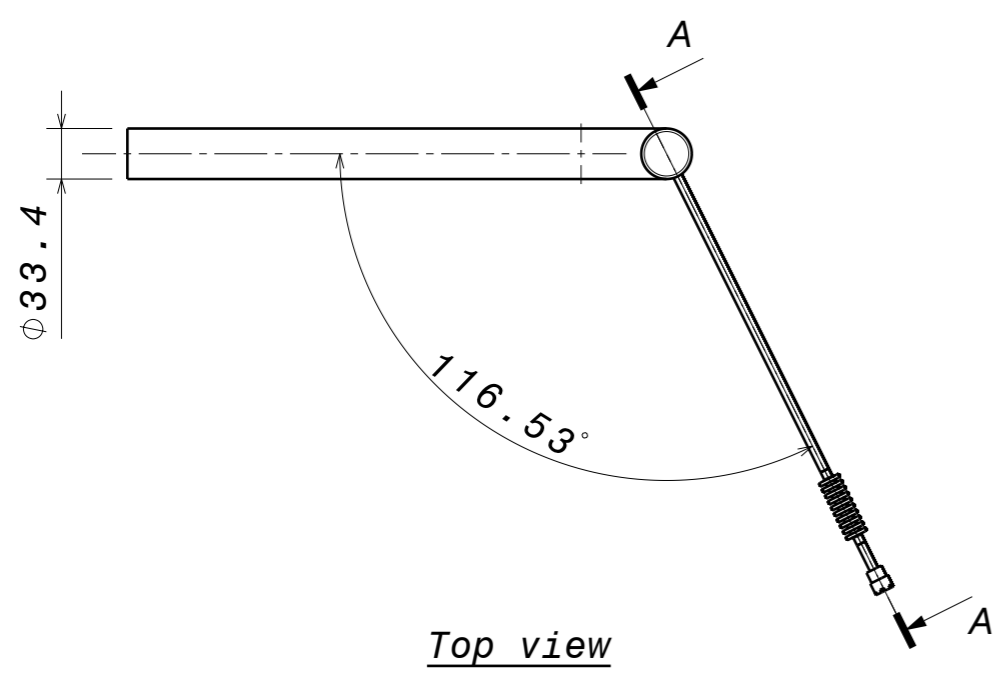
Quantity: 01 nos.
 GENERAL TOLERANCE: ISO 2768 mK
 SURFACE ROUGHNESS: $\sqrt{Rz 6.3}$

Sr.No	Part Name	Qty	Type	Material	Nomenclature	Revision
4	DOCKWEILER MALE END (RE-1231-0100)	8	STD			
3	BELLOW	8	STD	AISI 304L		
2	TUBE	8	Part	AISI 304L		
1	HEADER	1	Part	AISI 304L		

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USED ON -			APPROVED BY		CONFIDENTIAL UNLESS AUTHORISED The information on this drawing is confidential. This information shall not be transmitted to anyone who is not authorised to receive it.		
PBS TITLE -			CHECKED BY		DRAWING TITLE		
REV DATE -			CONTROLLED BY		TS-GG Tube and Header 1		
PT MATURITY AA		PT VERSION N	DRAWN BY		-		
SHEET SIZE 420x297		SCALE 1:5	PBS 3 LEVELS		DRAWING NUMBER	TS-GG-GB-00-03	SHEET 01
THIRD ANGLE PROJECTION		NO.OF SHTS 01	NN XX YY		STATUS	Z	REVISION NNN

NOTE :-


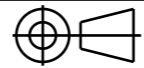
- 1.ALL DIMENSIONS ARE IN millimeters UNLESS STATED.
- 2.PART SHALL BE FREE FROM SHARP CORNERS,BURRS & SHARP EDGES.



Quantity: 01 nos.
 Surface Roughness: $\sqrt{Rz\ 6.3}$
 GENERAL TOLERANCE: ISO 2768 mK

Sr.No	Part Name	Qty	Type	Material	Nomenclature	Revision
4	DOCKWEILER FEMALE END (RE-1231-0100)	8	STD			
3	BELLOW	8	STD	AISI 304L		
2	TUBE	8	Part	AISI 304L		
1	HEADER	1	Part	AISI 304L		

NOTE :-
 1. ALL DIMENSIONS ARE IN millimeters UNLESS STATED.
 2. PART SHALL BE FREE FROM SHARP CORNERS, BURRS & SHARP EDGES.

LCA IPR ID		-		RELEASED BY		INSTITUTE FOR PLASMA RESEARCH			
USED ON		-		APPROVED BY		CONFIDENTIAL UNLESS AUTHORISED			
PBS TITLE		-		CHECKED BY		The information on this drawing is confidential. This information shall not be transmitted to anyone who is not authorised to receive it.			
REV DATE		PT MATURITY		PT VERSION		DRAWING TITLE			
-		AA		N		TS-GG Tube and Header 2			
SHEET SIZE		SCALE		DRAWN BY		-			
420x297		1:5		-		-			
THIRD ANGLE PROJECTION				NO. OF SHTS		PBS 3 LEVELS		DRAWING NUMBER	
		01		NN, XX, YY		TS-GG-GB-00-04		SHEET	
								01	
								REVISION	
								NNN	
								STATUS	
								Z	

1

2

3

4

A

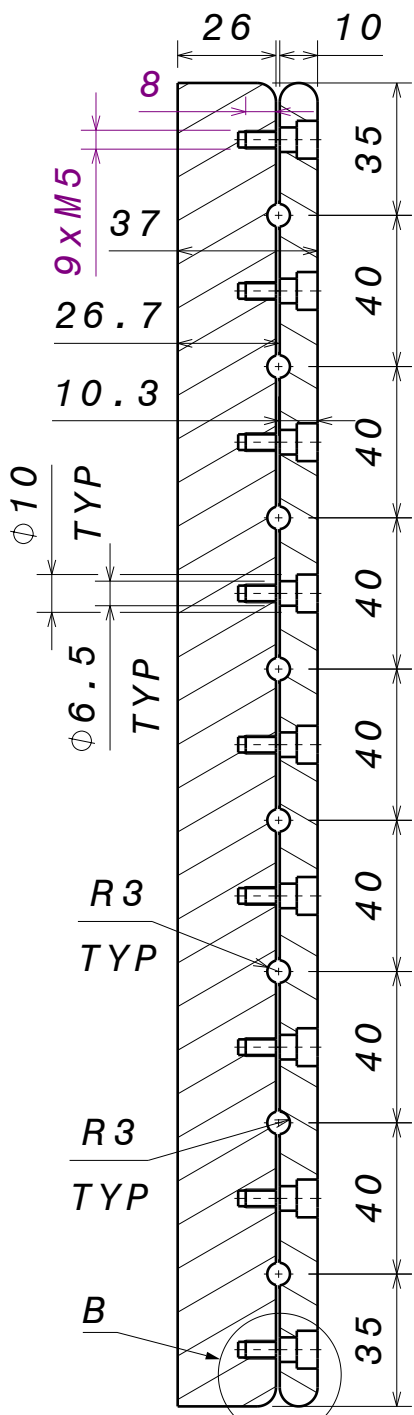
A

B

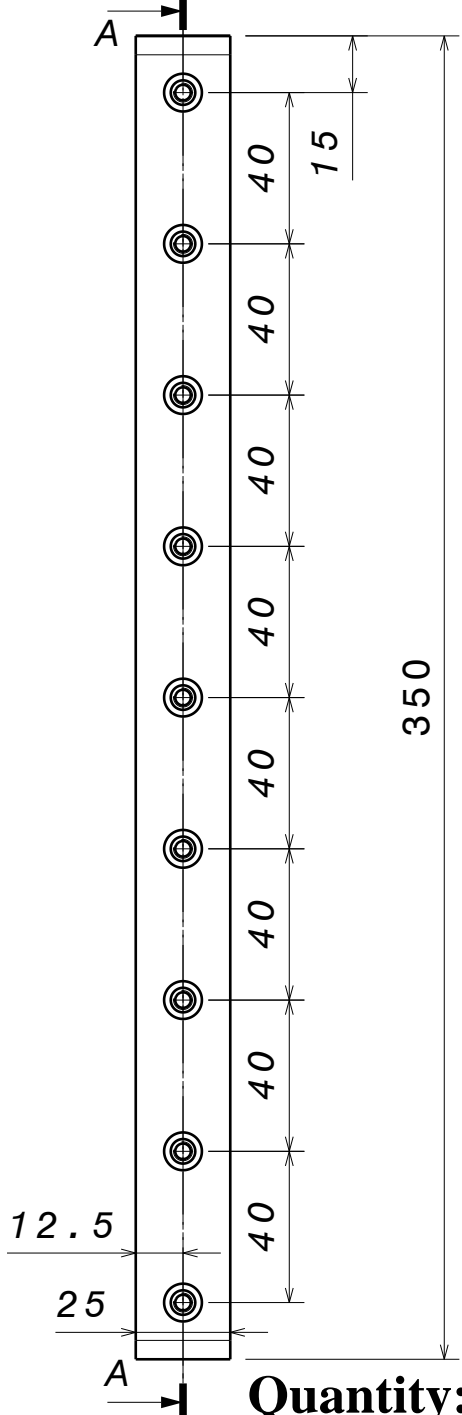
B

C

C



Section A-A

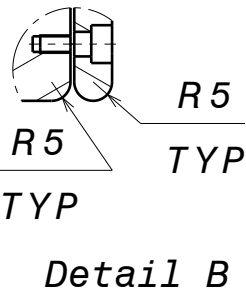


Quantity: 02 nos.

GENERAL TOLERANCE: ISO 2768 mK

MATERIAL: SS304L


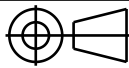
SURFACE ROUGHNESS: $\sqrt{Rz 6.3}$



ISO View

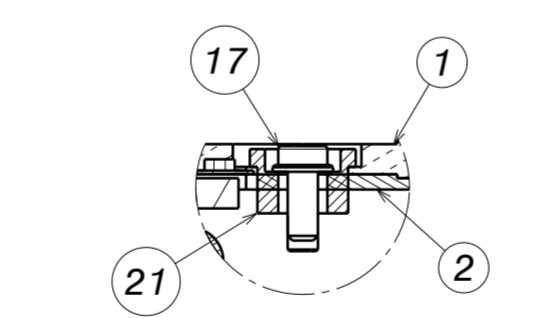
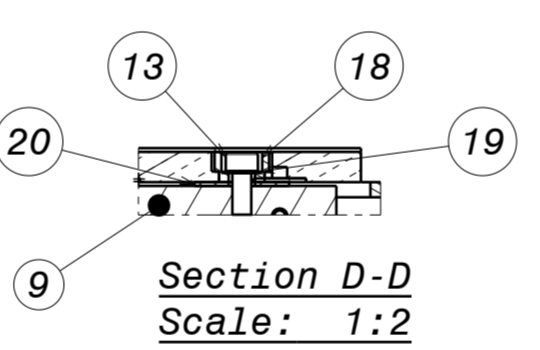
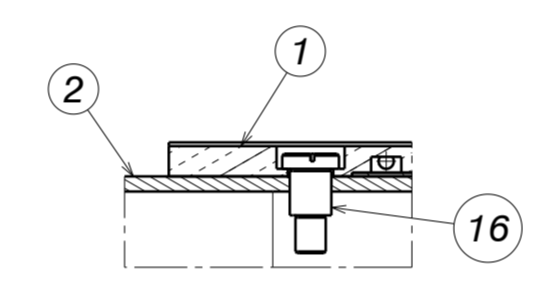
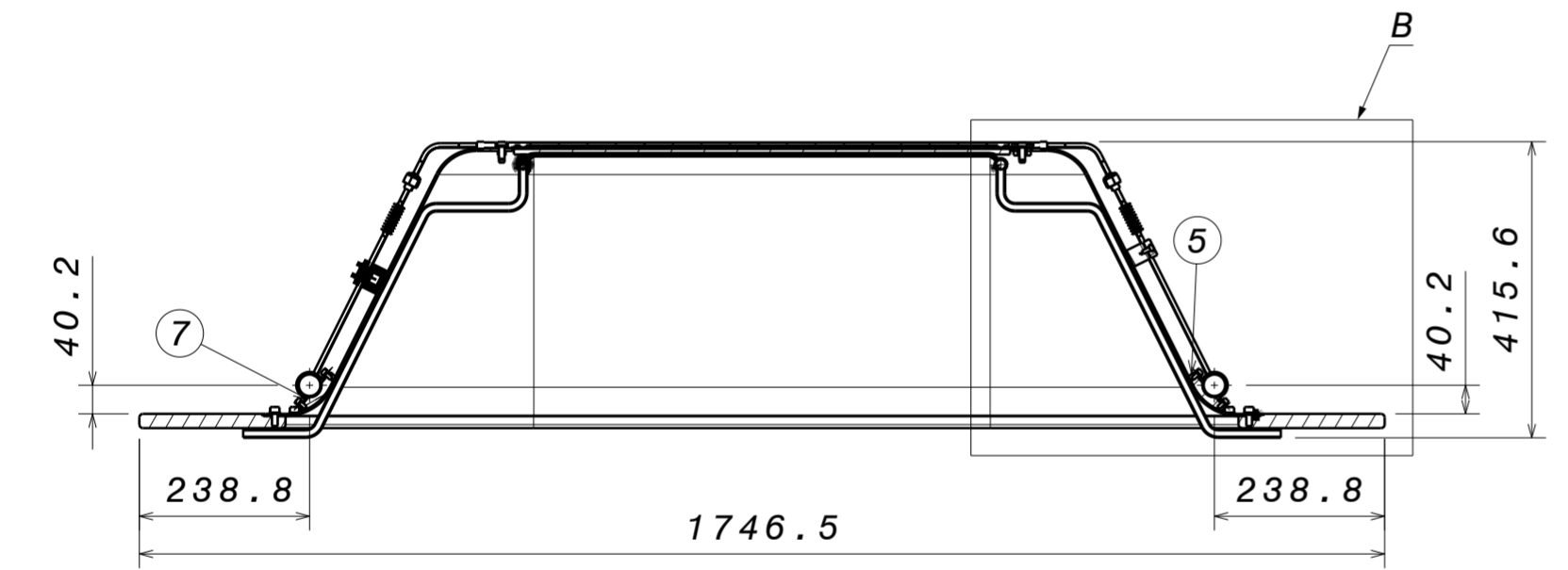
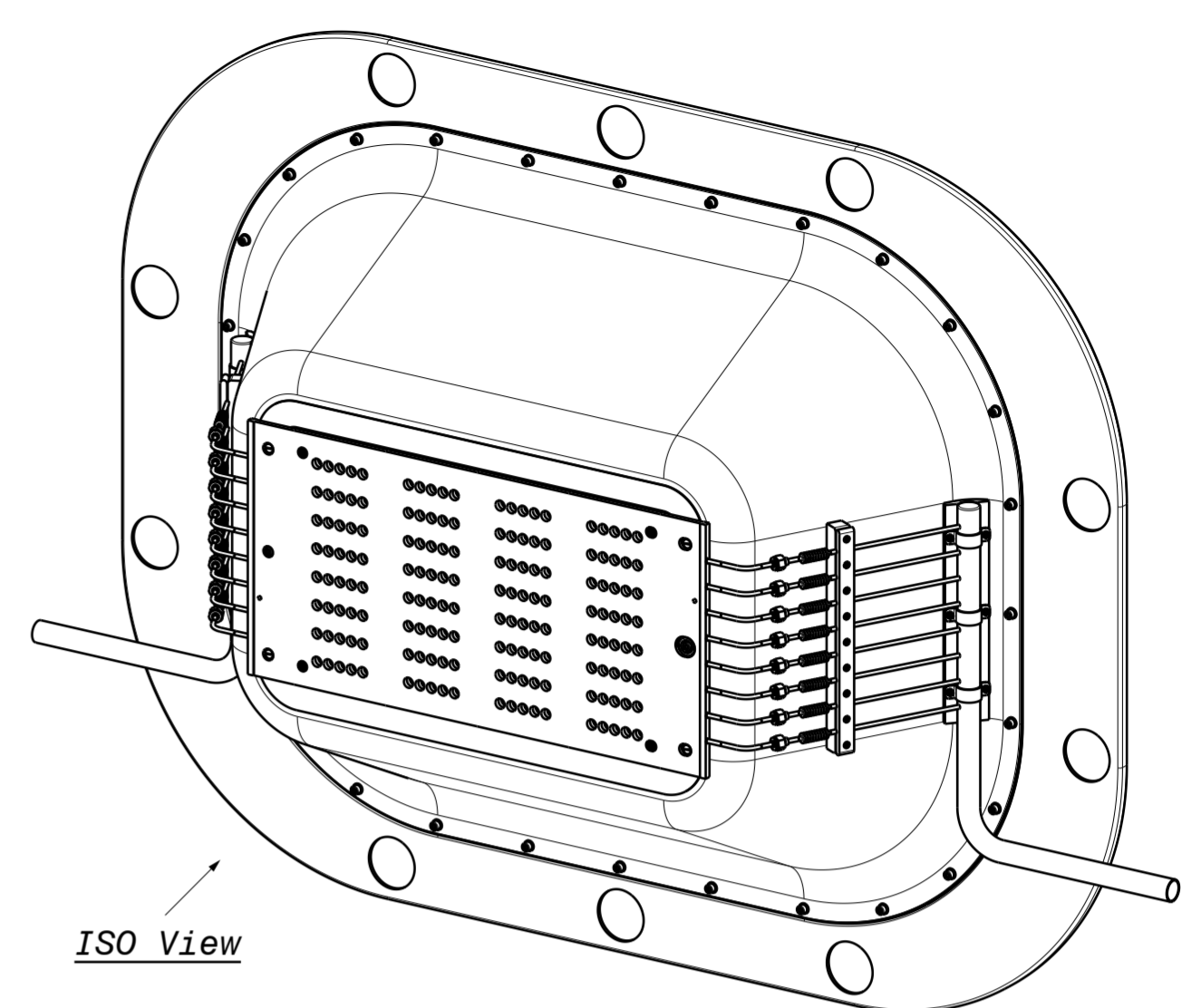
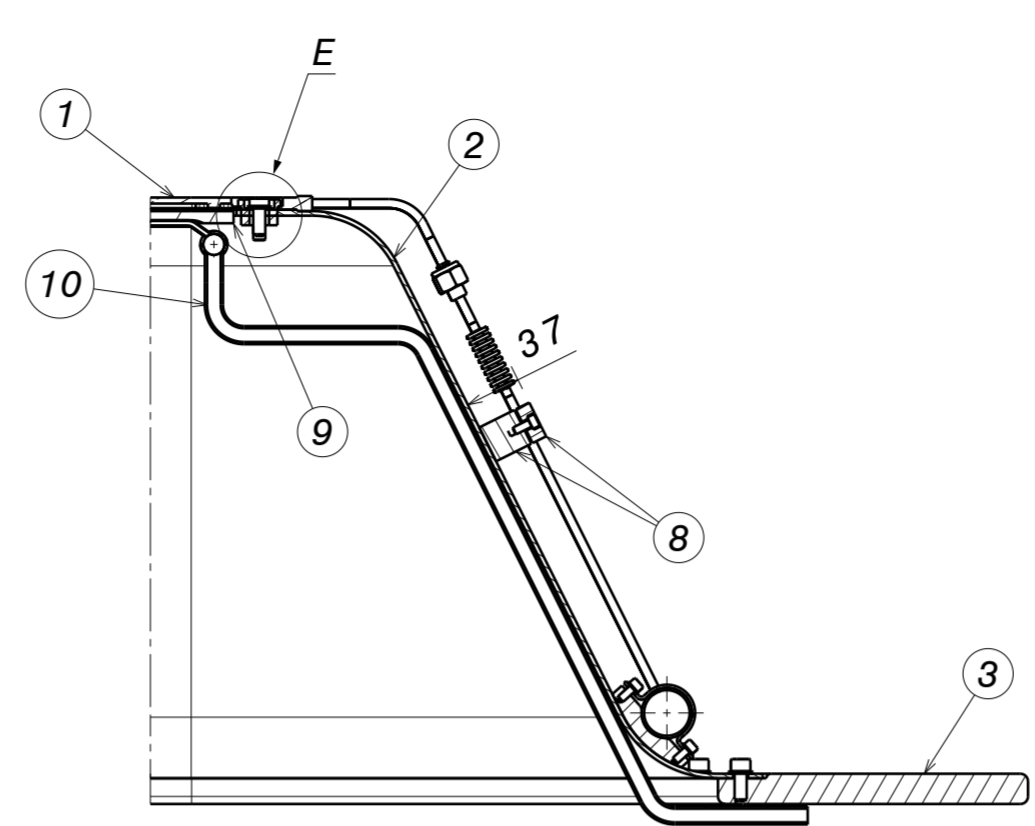
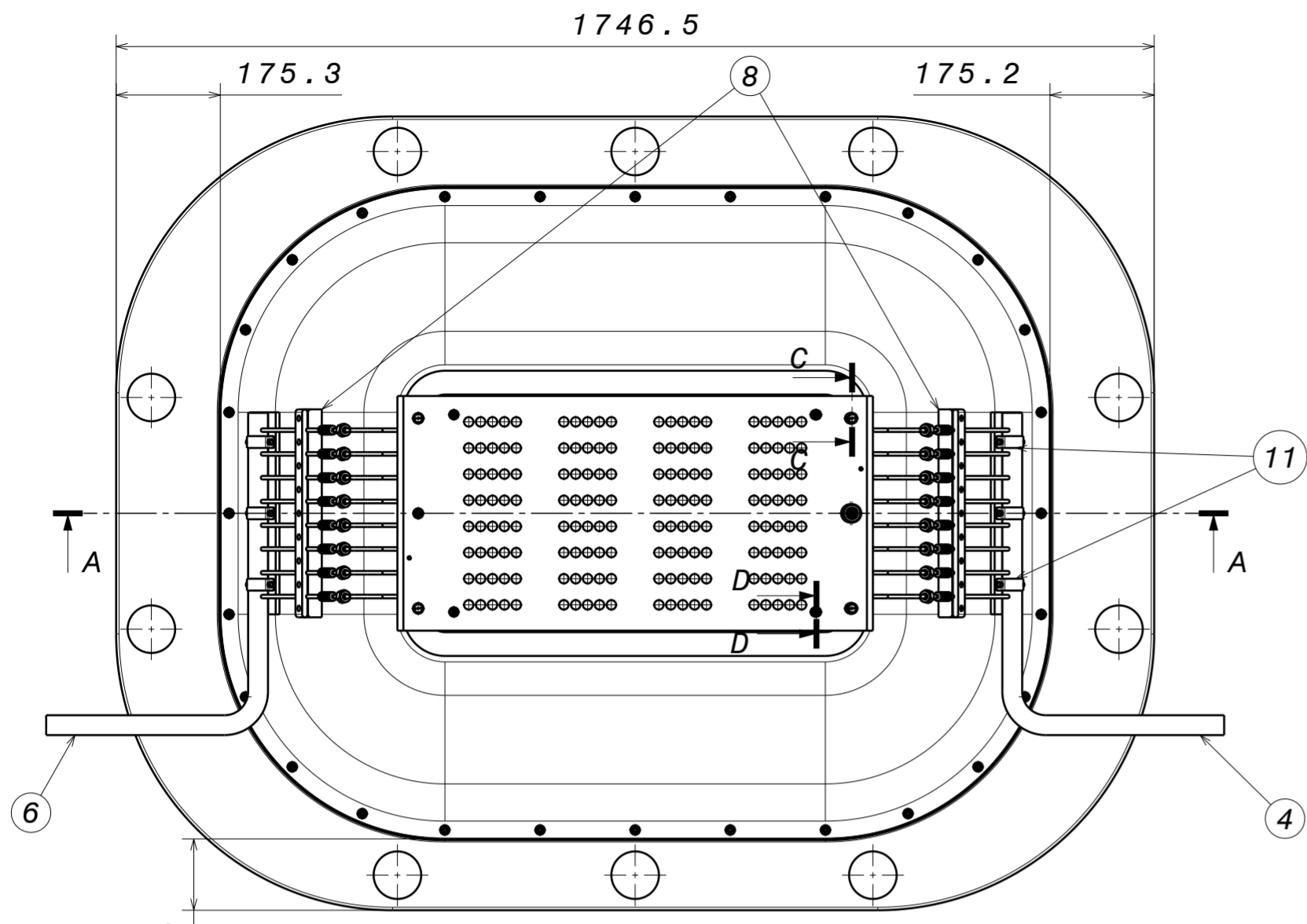
NOTE :-

1. ALL DIMENSIONS ARE IN millimeters UNLESS STATED.
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LCA IPR ID		-		RELEASED BY	INSTITUTE FOR PLASMA RESEARCH		
USED ON		-		APPROVED BY	CONFIDENTIAL UNLESS AUTHORISED		
PBS TITLE		-		CHECKED BY	The information on this drawing is confidential. This information shall not be transmitted to anyone who is not authorised to receive it.		
REV DATE		PT MATURITY	PT VERSION	CONTROLLED BY	DRAWING TITLE		
-	-	AA	N	-	TS-GG Tube Support 1		
SHEET SIZE		SCALE		DRAWN BY		-	-
297x210		1:2		-		-	-
THIRD ANGLE PROJECTION	NO. OF SHTS		PBS 3 LEVELS		DRAWING NUMBER	TGS-GG-GB-00-05	SHEET
	01		NN XX YY				01
							REVISION
							NNN
							STATUS
							Z

1

4



Sr.No	Part Name	Qty	Type	Material	Ref Drawing	Remarks
21	TS_GRIDS_GG_BUSH	1		Not Included in Scope	Not Included in Scope	Not Included in Scope
20	TS_GROUND_GRID_SPACER	4		Not Included in Scope	Not Included in Scope	Not Included in Scope
19	TS_GRIDS_GRID_WASHER	4		Not Included in Scope	Not Included in Scope	Not Included in Scope
18	TS_GG_SOFT_IRON_PLATE_BUSH	4		Not Included in Scope	Not Included in Scope	Not Included in Scope
17	DNB_EG_M8x20_CAPSCREW	2	STD			
16	DNB_M8x22.3_BOLT	4	STD			
15	ISO_7090_M8_WASHER	30	STD			
14	ISO_7090_M5_WASHER	12	STD			
13	M5x12_CAPSCREW	34	STD			
12	M8x20_CAPSCREW	28	STD			
11	TS_GG_HEADER_SUPPORT CLAMP	6	Part	AISI 304L	TS-GG-GB-00-10	
10	TS_GG_SOFT_IRON_PLATE_PIPES	1	Part	AISI 304L	TS-GG-GB-00-09	
9	TS_GG_SOFT_IRON_PLATE	1	Part	AISI 304L	TS-GG-GB-00-08	
8	TS-GG Tube Support 1	2	Part	AISI 304L	TS-GG-GB-00-05	
7	TS-GG-Header Support assembly	2	Part	AISI 304L	TS-GG-GB-00-02	
6	TS-GG Tube and Header 2	1	Assy	AISI 304L	TS-GG-GB-00-04	
5	TS-GG-Header Support	2	Part	AISI 304L	TS-GG-GB-00-01	
4	TS-GG Tube and Header 1	1	ASSY	AISI 304L	TS-GG-GB-00-03	
3	TS Ground grid Mounting Flange	1	Part	AISI 304L	TS-GG-GB-00-06	
2	TS Grounded Grid segment support frame	1	Part	AISI 304L	TS-GG-GB-00-07	
1	TS_GG_SEG_AND_TUBE_ASSY	1	ASSY	Not Included in Scope	Not Included in Scope	Not Included in Scope

SOFT IRON PLATE(Ref Drawing: TS-GG-GB-00-08) and SOFT IRON PLATE PIPES (Ref Drawing: TS-GG-GB-00-09) are to be brazed

Some Parts/Components/accessories/hardwaes highlighted here are not included under Vendor's scope of delivery
Kindly refer to the Bill of material for remraks on the same

NOTE :-
1.ALL DIMENSIONS ARE IN millimeters UNLESS STATED.
2.PART SHALL BE FREE FROM SHARP CORNERS,BURRS & SHARP EDGES.

GENERAL TOLERANCE: ISO 2768 mK
SURFACE ROUGHNESS: $\sqrt{Rz 6.3}$

LCA ITER ID	-	RELEASED BY	INSTITUTE FOR PLASMA RESEARCH
USED ON	-	APPROVED BY	CONFIDENTIAL UNLESS AUTHORISED
PBS TITLE	-	CHECKED BY	The information on this drawing is confidential under the terms of the IPR agreement.This information shall not be transmitted to anyone who is not authorised to receive it.
REV DATE	PT MATURITY	PT VERSION	DRAWING TITLE
-	AA	N	GG Grid Holder Box assembly
SHEET SIZE	SCALE	DRAWN BY	-
594x420	1:10	-	-
THIRD ANGLE PROJECTION	NO.OF SHTS	PBS 3 LEVELS	DRAWING NUMBER
	01	NN, XX, YY	TS-GG-GB-00-00
6	7	8	SHEET REVISION STATUS
			01 NNN Z

