



**ITER-India, Institute for Plasma Research**

Block A, Sangath SKYZ, Bhat- Motera Road, Koteswar, Ahmedabad 380005 Gujarat, India.

www.iter-india.org

**Email:** dnbi.group@iter-india.org

## Minor Fabrication Work

### ENQUIRY - LOCAL

OFFICE COPY                      ENQUIRY NO                      : Enq/MF/6/DNPS  
Date                                      : 21/03/2022  
Due Date                                : 06/04/2022 by 5:00 PM (IST)

We invite your rate/s for the following item/s. The Instructions to bidders and Terms & Conditions are attached herewith.

#### Important Note :

1. Enquiry No., Date & Due Date should appear on the envelope otherwise your offer will be rejected.
2. ITER-India, IPR is entitled to avail concessional rate of GST @ 5% (2.5% CGST and 2.5% SGST) as per Central Goods and Service Tax (CGST) Notification No. 45/2017-Central Tax (Rate) dated 14th November, 2017, State Goods and Service Tax (SGST) Notification No. 45/2017 – State Tax (Rate) dated 15th November, 2017 and IGST @ 5% as per Notification No. 47/2017-Integrated Tax (Rate) dated 14th November, 2017 for supply of Goods. Therefore, please consider GST in your quotation accordingly.

Sr No.	Material Description	Quantity	Unit
1	Pipe Mesh Support Assembly and other metallic auxiliary items	1	SET

#### Note:

- (1) Quotations in hard copy should be addressed to Project Manager, Specify Group only at above address. Email quotations are not acceptable
- (2) Quotation should invariably be submitted in the attached format (Quotation Format) ONLY else ITER-India may not consider your offer.
- (3) Technical Specifications are given in the Annexure – A
- (4) Technical specification shall be signed and stamped by the bidder and submitted along with the offer. This shall be considered as acceptance of the specification by the bidder
- (5) Quotations in hard copy should be addressed to Project Manager, DNB Group only at above address. E-mail quotations are not acceptable.
- (6) Any clarification on this enquiry may be sought from dnbi.group@iter-india.org
- (7) Required completion period is within SEVEN months from the date of order. Vendor must specify the completion period in the quotation.
- (8) Site Address for delivery is DNB lab, ITER-India lab building, Institute for Plasma Research, Bhat, Gandhinagar.

Encl:- as above

**Project Manager**  
**(Mahendrajit Singh)**  
**Diagnostics Neutral Beam**  
**ITER-India**

**Note:** This Enquiry is electronically generated and no signature is required.



## TERMS AND CONDITIONS

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1. The quotation and any order resulting from this enquiry shall be governed by our Conditions of Order and supplier quoting against this enquiry shall be deemed to have read and understood the same in total
2. Where counter terms and conditions have been offered by the Tenderer, the same shall not be deemed to have been accepted by ITER-India unless our specific written acceptance thereof is obtained.
3. Quotation: Your quotation superscripting our enquiry No., date, due date and brief description of item should be submitted in sealed envelope on or before the due date. Late/ Delayed/incomplete quotations will not be considered. Envelopes received without Enquiry number, date, due date and brief description of item may be rejected.
4. The quoted prices should be firm for a period of 30 days from due date of bid submission. ITER-India is not bound to accept lowest rate/s. Bidder shall submit the price bid/offer on Bidder's letter head with official seal and sign on each page.
5. The bid documents shall be prepared in English language only
6. All pages of the bid documents shall be numbered. Each page of the bid document shall be stamped and initialized.
7. In the event of any date indicated above is a declared Holiday, the next working day with the same time limit shall become operative for the respective purpose mentioned herein
8. In case of deviation in payment terms including demand of advance other than specified in payment schedule and accepted by ITER-India, prevailing Prime Lending Rate (PLR) of SBI will be loaded for price comparison purpose
9. ITER-India and their authorized representatives may visit the Contractor/Sub-contractors if required as part of technical evaluation process
10. ITER-India reserves the right to place order on one or more parties.
11. Specifications: Material should be offered strictly conforming to our specifications/drawings, if any. Deviation, if any, should be clearly indicated by the supplier in their quotation. The Tenderer should also indicate the Make/Type number of the materials offered and catalogues, technical literature and samples, wherever necessary should accompany the quotation. Clarification/s on specifications/drawings should be obtained from Purchaser before submitting quotation.
12. Terms of Prices : Quotation should be submitted on door delivery basis, duly packed without extra charge wherever possible.
13. Unit rate/s should be valid throughout the validity of Purchase Order for addition/deletion purposes. Break-up of price should be furnished. The quoted price should not be subject to price escalation for whatsoever reasons. The quoted price shall be firm, fixed and non-revisable during the validity/ extended validity of Purchase Order.
14. Prices are required to be quoted according to the units indicated in the tender form/Enquiry. When Quotations are given in terms of units other than those specified in the tender form, relationship between the two sets of units must be furnished.
15. Tender should be free from Correction and Erasures. Corrections, if any, must be attested. All amounts shall be indicated both in words as well as in figures. Where there is difference between amounts quoted in words and figures, amount quoted in words shall prevail. Unsigned quotations will summarily be rejected.
16. ITER-India shall be under no obligation to accept the lowest or any tender and reserves the right of acceptance of the whole or any part of the tender or portion of the quantity offered and the tenderers shall supply the same at the rates quoted. ITER-India also reserves the right to split the order at its sole discretion
17. Delivery Date/Period: Delivery period is essence of the Order. Supplier must indicate the firm delivery date by which the materials will be dispatched / delivered by them from the date of our order.
18. Inspection: Materials on its arrival at ITER-India will be inspected by our Engineer/Stores In-Charge, and his decision in the matter will be final. However, where the items are required to be inspected at the Suppliers Premises, Supplier has to give advance notice to the Purchaser regarding readiness of the material to enable Purchase/Stores section to depute his representative for inspection.
19. Payment: Payment will be arranged for accepted materials only within 30 days from the date of acceptance of materials at ITER-India and receipt of error free bills in our accounts section, complete in all respects.
20. No correspondence will be entertained within 30 days from the date of receipt of material and bills, whichever is later.
21. Warranty: The Stores/Items offered should be guaranteed for a minimum period of twelve months from the date of acceptance, against defective materials, design, workmanship, operation or manufacture. For defects noticed and communicated during the Guarantee period, replacement/rectification should be arranged free of cost within a reasonable period of such notification. In case where our specifications call for a guarantee period more than 12 months specifically, then such a period shall apply.
22. The Contractor/Supplier shall at all times indemnify the purchaser against all claims which may be made in respect of the stores for infringement of any right protected by Patent, Registration of design or Trade Mark and shall take all risk of accidents or damage, which may cause failure of supply from whatever cause arising and the entire responsibility for sufficiency of all means used by him for the fulfillment of the Order.
23. Successful tenderer will have to furnish in the form a Bank Guarantee or in Indemnity Bond form as called for by the Purchaser towards adequate security for the materials/property provided/issued by the Purchaser as Free Issue Material for the due execution of the Order. Insurance for the Free Issue Material shall be arranged by the Supplier/Contractor at his risk and cost.
24. Non-compliance to tender specifications and/or tender scope and/or tender terms and conditions are liable for rejection. Decision of ITER-India in respect of non-compliance shall be final and binding on the bidders.
25. Canvassing in any form with regard to this tender will lead to rejection of the bid.
26. The Project Director, ITER-India reserves the right to accept or reject any quotations fully or partly or to cancel the enquiry without assigning any reasons.
27. This enquiry is not a commitment and the Purchaser reserves the right to reject or cancel any or all offers.
28. Jurisdiction: The Order shall be governed by the Laws of India for the time being in force. The Courts of Ahmedabad/Gandhinagar only shall have jurisdiction to deal with and decide any legal or dispute arising out of this Order.
29. Unsuccessful bidders will not be intimated about the results of the enquiry/tender.
30. Purchase will not be responsible for payment of any interest to the Supplier, in case of delay in releasing payment.
31. The price evaluation shall be carried out on Landed price including taxes, duties and all other applicable charges.

## FORMAT FOR SUBMISSION OF QUOTATION

Enquiry No. : Enq/MF/6/DNPS  
Name Of Party : OFFICE COPY  
Quotation No. & Date :  
Due on : 06/04/2022 by 5:00 PM (IST)

Sr No.	Material Description	Qty	Unit	Rate	Total
1	Pipe Mesh Support Assembly and other metallic auxiliary items	1	SET		
				Grand Total	

### COMMERCIAL TERMS & CONDITIONS \*

Sr.No	Description	Bidder's Compliance [Comply Yes/No (In case of No Please provide details)]
1	Payment: ITER-India payment terms will apply (Refer Sr. No. 19 of Terms and Condition)	
2	Validity Period (Refer Sr.No. 4 Of Terms and Condition)	
3	Delivery period (7 months from the date of order)	
4	Warranty (Refer Sr.No. 21 Of Terms and Condition)	
5	GST (5% extra as per sr. no 2 of Note in enquiry document)	
6	GST No. (To Specify)	
7	SAC Code (To Specify)	
8	Udhyog Aadhar No. & Category (Micro/Small/Medium Enterprise)	
9	Discount(if any)	
10	Remarks	

\* Fill in the applicable details

Place:

Authorised Signatory:

Date:

Company Seal

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## Annexure A:

Technical Specifications of Manufacturing, Inspection, Testing and Supply of Pipe Mesh Support Assembly and other metallic auxiliary items

**Site Location: DNB Lab, ITER-India Building, Institute for Plasma Research, Bhat, Gandhinagar.**

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## 1 Subject of this technical specifications

ITER-INDIA aims to get manufactured, tested and supplied the “Pipe Mesh Support Assembly and other metallic auxiliary items” as listed in table 1 and 2. Technical specifications of the same are given in this document in detail.

## 2 Scope of supply

### 2.1 Hardware

Present technical specifications cover the manufacturing, fabrication, testing and supply of following items given in Table 1 and 2. They are in the scope of supply of the supplier.

*Table 1 Scope of supply*

S. No.	Item list	Quantity	Material	Reference figure in this document	Drawing No.
1	Pipe Mesh Support Assembly	1	SS 304	Figure 1	FSS-01-00
2	Bottom Support Left	1	SS 304	Figure 2	FSS-00-03
3	Bottom Support Right	1	SS 304	Figure 3	FSS-00-04

*Table 2 Bolts and other accessories for INTF HVB*

S. No.	Nuts, Bolts and washers	Quantity	Reference
1.	Hexagon socket button head screws ISO 7380-M6X20-A2-70	120	As per ISO 7380
2.	Hexagon socket head cap screw ISO 4762-M10X50-A2-70	40	As per ISO 4762
3.	Hexagon socket head cap screw ISO 4762-M12X35-A2-70	40	As per ISO 4762
4.	Countersunk slotted flat head ISO 2009-M2X6-A2-70	8	As per ISO 2009
5.	ISO7093-1_6x24_washer_large_series	120	As per ISO 7093 and drawing
6.	Iso7089_10x20_washer_normal_series	40	As per ISO 7089
7.	ISO7092_10x18_washer_small_series	40	As per ISO 7092
8.	ISO7092_12x20_washer_small_series	40	As per ISO 7092

Bolts, nuts and washers specified in the Table2 of the scope of supply, are the standard products. Supplier shall submit a material certificate, for these items.

Threads on bolts and nuts must be of good surface finish and free from tears and rags.



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## 2.2 Documentation

Along with the hardware as given in section 2.1, following documents are the part of supply.

- Manufacturing drawings
- Materials test certificates,
- Inspection reports (dimensional inspection, visual inspection, surface roughness measurement),
- Release note after completion of all manufacturing activities
- Transportation and delivery documentation

## 3 Scope of work

The scope of work includes but not limited to the following activities.

- Preparation of Manufacturing drawings and submit the same to ITER-INDIA for approval.
- Procurement of raw material as per section 8 of this document. Submission of material test certificates for ITER-India's approval.
- Manufacturing of metallic items as per drawings & technical specifications
- Perform factory acceptance test.
- Cleaning and packaging of all the items
- Transport & Safe delivery of components at ITER-India Lab, IPR , Bhat, Gandhinagar.
- Unloading the components at ITER-India Lab, IPR , Bhat, Gandhinagar.

## 4 Technical details of metallic items

Detailed description of the items is given below:

- Material requirements of items, specified in table 1, are given in section 7.
- The general requirement of surface finish of the metallic items is better than or equal to  $6.3\mu\text{m Ra}$ .

Overall dimensions of all the items are shown in figures below. For detailed dimensions, please refer corresponding drawings.

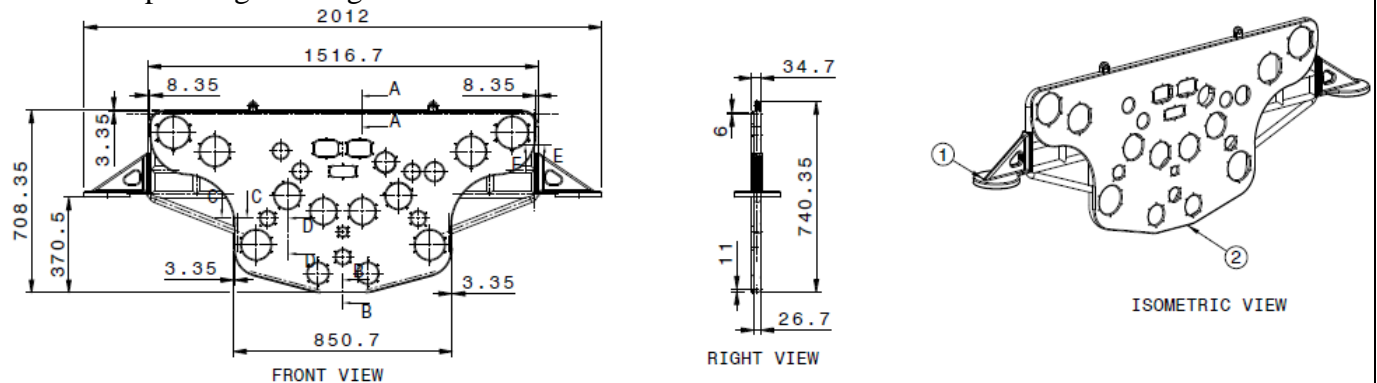


Figure 1 Pipe Mesh Support Assembly

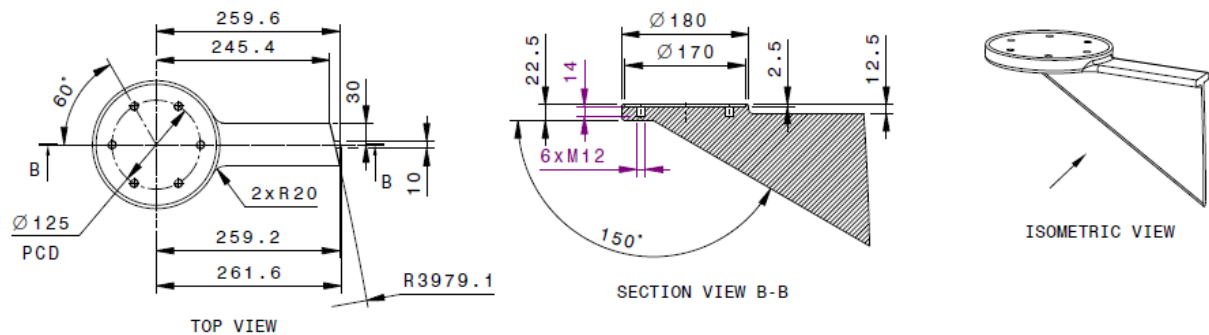


Figure 2-Bottom Support LT

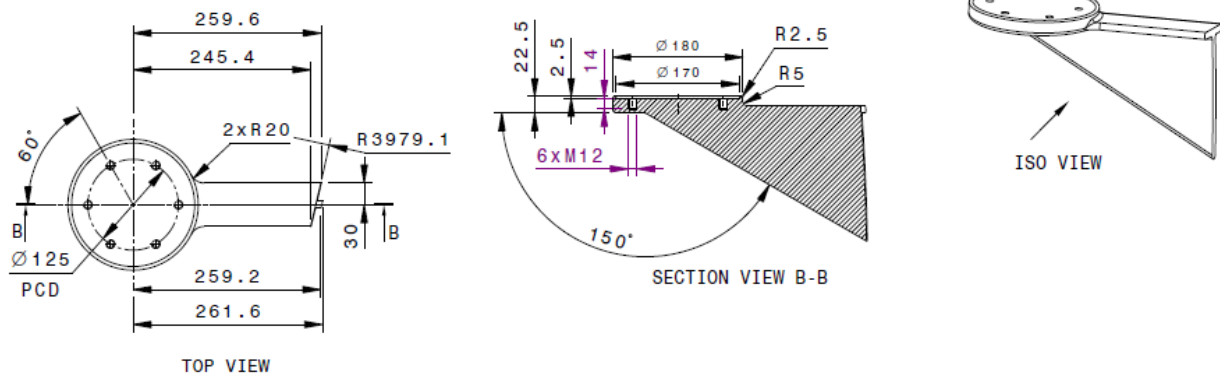


Figure 3- Bottom Support RT

Note:

1. All dimensions, unless otherwise specified, are in mm.
2. If discrepancy is found between dimensions provided in the **figures of this specification** and the **drawings**, then in that case dimensions specified in drawings shall only be considered as final approved dimensions.

## 5 Engineering Drawings

- The details provided in the engineering drawings are comprehensive and provide necessary information to manufacturer for the preparation of manufacturing drawings.
- The ITER-INDIA reserves the right to make minor dimensional changes prior to machining of the components. Such changes shall be considered within the scope of the specified work and shall not be considered extra.

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- The Supplier shall scrutinize the drawings and bring out in writing any missing information /discrepancy /mismatch etc. if any to the notice of the purchaser at the time of submission manufacturing drawings. If not done so by Supplier, then the Supplier shall be fully responsible for any difficulties/problems faced during the manufacturing and testing of the component and shall bear the cost of any repair/rework carried out to solve the problems.

## 6 Delivery Schedule

The delivery and site acceptance test (section 10.2) of all the items, as listed in table 1 & 2, and the documents, as specified in section 2.2, shall be completed within 5 months from the date of acceptance (from ITER-India) of manufacturing drawings. Manufacturing drawings shall be submitted by supplier within 30 days from the date of PO. Any iteration of updates in the manufacturing drawings shall not take more than 7 days by the supplier. Approval of final submitted manufacturing drawings will be given within 15 days by ITER-India. Total duration of delivery including site acceptance test shall not take more than 7 months from the date of order.

## 7 Preparation of Manufacturing Drawings and Documents

Supplier shall submit the manufacturing drawings to ITER-India for approval before start of manufacturing.

The approval of manufacturing drawing does not relieve the supplier from his responsibility of providing the component and their assembly in accordance with this specification.

Supplier shall prepare manufacturing drawings for all sub components, indicating required details like Bill of material, Weld joint design, welding process, dimensions and their tolerance, examination details, surface finish etc.

## 8 Material Requirements

### 8.1 General

It is supplier's responsibility to check that the certificates of chemical analysis and mechanical test results of the stock material meet with the required standards, and to carry out any further tests, if not available in the test certificate. All material shall be free from all kinds of defects like cracks, fissures, pits, lamination or any other defects.

### 8.2 SS 304 plate/forgings

The metallic items, of SS 304 construction, specified in this document shall be made either from plate/sheet or forging.

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For metallic parts made from Plates/Sheets shall meet the requirement of ASTM A240 and the parts made from forgings shall meet the requirement of ASTM A 182.

Supplier shall submit the 3.1 test certificate for the material SS304 confirming the required chemical composition, material properties and ultrasonic examination reports as per ASTM A240/ASTM A182, whichever is applicable.

#### **4.3.3 SS304 Pipes/tubes**

SS 304 pipes/tubes shall meet the requirement of ASTM A 312/ASTM A 213.

Supplier shall submit the 3.1 test certificate for the material SS304 confirming the required chemical composition and material properties as per ASTM A312/ASTM A213, whichever is applicable.

## **9 Manufacturing Requirements:**

### **9.1 Surface Cleaning**

- To minimize the risk of trapped contamination which can subsequently cause leaks or enhanced outgassing, parts and sub-components shall be degreased using solvents or alkaline detergents, rinsed with water and dried.
- After the final cleaning procedure, it shall be handled with care and using appropriate gloves.

### **9.2 Surface finish requirements**

All the metallic surfaces shall be finished with criteria as follows;

- $Ra \leq 6.3 \mu m$ ,

Surfaces shall be checked by surface roughness tester and results shall be reported to ITER-INDIA.

## **10 Acceptance Requirements**

### **10.1 Factory Acceptance Test**

#### **10.1.1 Visual Inspection**

All finished metallic parts shall be checked visually in the proper presence of light. Finished parts shall be free from any surface defects.

#### **10.1.2 Dimensional Test**

Dimensional check shall be carried out on all the dimensions of each metal parts. The Dimensions shall conform to those of the drawings. Exact list of dimensions,

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checking procedure and tools shall be proposed by the supplier and after mutual agreement between ITER-INDIA and supplier on it, dimensional check shall be carried out by the supplier.

ITER-India shall witness all above specified tests.

Only after positive results of the Factory Acceptance Tests satisfying the conformance with the requirements as set out in the contract, the transport and delivery of manufactured items shall be done by supplier.

Acceptance of the tests results and certificates does not relieve the Supplier of the responsibility for compliance with all the contractual requirements.

If any of the Factory Acceptance Tests prescribed in the present specification reveals a defect or a fault of the components, the Supplier shall perform a timely and effective repair or shall guarantee the replacement of the faulty deliverable free of charge, managing the repair or replacement by means of a proper non conformity management procedure.

*Note:*

All required testing equipment and other necessary items required for testing and inspection for factory acceptance test as specified above shall be arranged by supplier.

## **10.2 Site Acceptance Test**

After delivery of components at ITER-INDIA's Site, the supplier shall unpack the items. ITER-INDIA will inspect every component and check the physical state and condition of the packing for possible damage during transportation.

Final Site Acceptance Tests (SAT) include

- Checks of the physical state and condition of the packing for possible damage during transportation.
- Checks of the component cleaning and conservation.
- Successful completion of the visual inspection.

If any of the SAT prescribed in the present specification reveals a defect due to a fault or damage during transport or unloading, the Supplier shall perform an urgent and effective repair or shall guarantee the replacement of the faulty component free of charge, managing the repair or replacement by means of a proper non conformity management procedure.

After positive results of all the Site Acceptance Tests, delivery of the complete contractual documentation and ITER-INDIA's review of the delivered documentation, the metallic components will be eventually accepted.

## **11 Packaging and Transportation**

During storage and transport all the components, suitably cleaned before transportation, shall be packed in new, clean, sealed polythene bags.

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They shall be located in purpose built plywood containers to avoid damage during handling and transport and to provide medium term storage (up to 2-3 months) on Site. Desiccant elements shall be included in the packages, on the packaging all references to the contents and other information shall be clearly shown in English language, including at least:

- Contents description;
- Dimensions;
- Weight;
- Centre of gravity;
- Lifting Points.

### **Transport to Site**

1. Components shall be delivered at the following address:

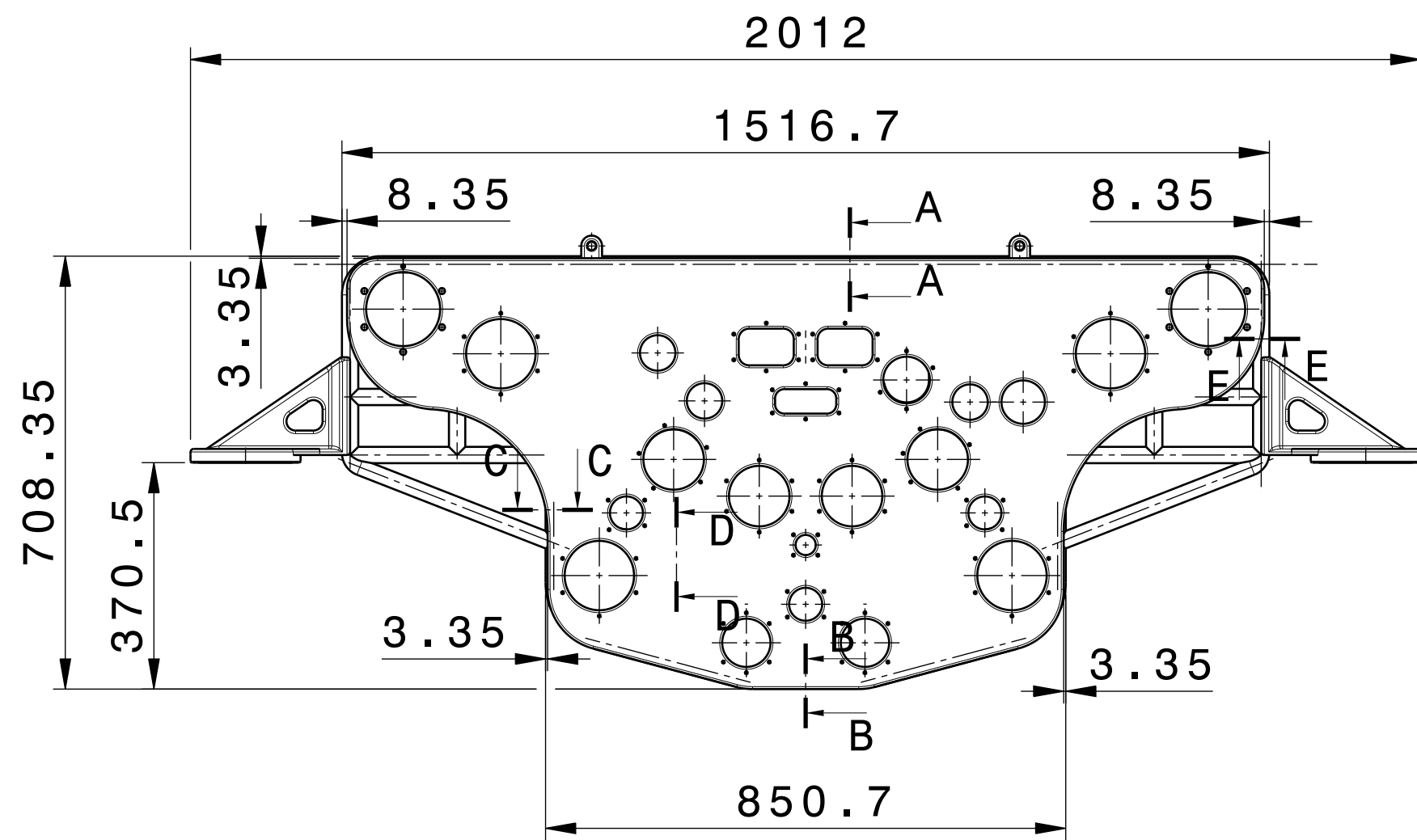
*DNB Lab, ITER-India building, Institute for Plasma Research (IPR)  
Bhat , Ghandhinagar - 382428  
Gujarat , India*

2. The mail correspondence of documents / reports shall be at following address:

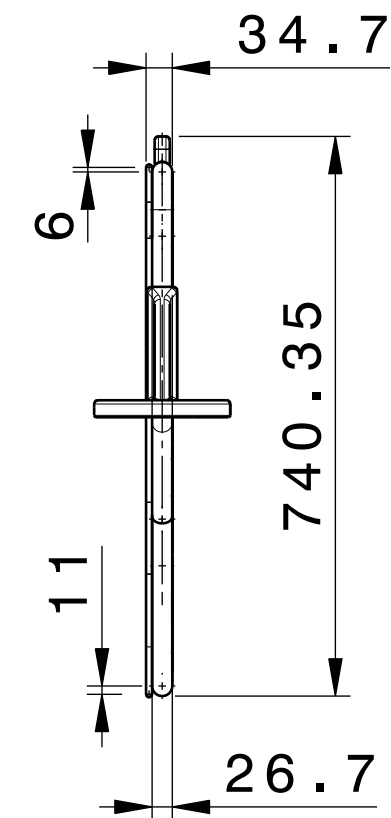
*ITER-India, Institute for Plasma Research  
Block A, Sangath Skyz, Koteswar Bhat Rd, Koteswar, Ahmedabad, Gujarat  
380005*

The precise building location for delivery, the name of the contact person on-site and access formalities will be communicated in advance to the Supplier.

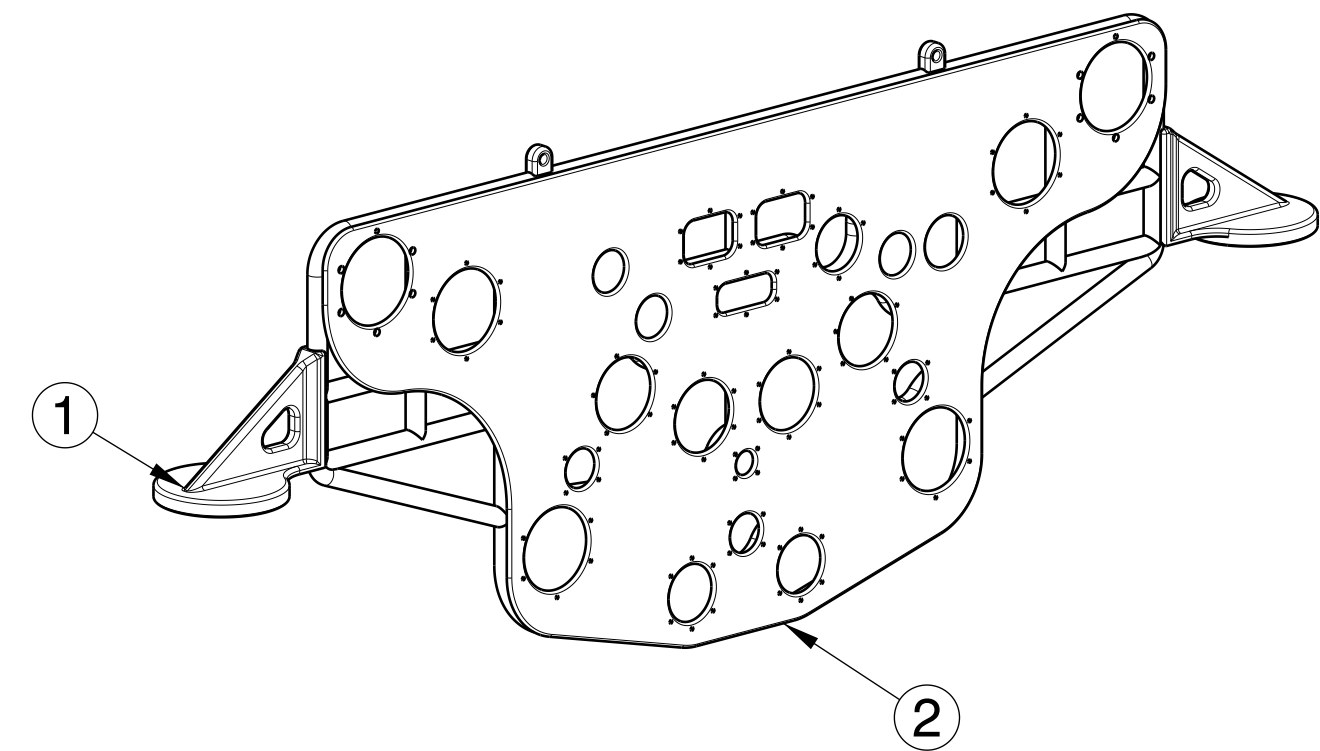
Transshipment in transit shall be avoided and the Supplier shall arrange specially hired conveyance for direct transport to the delivery site.



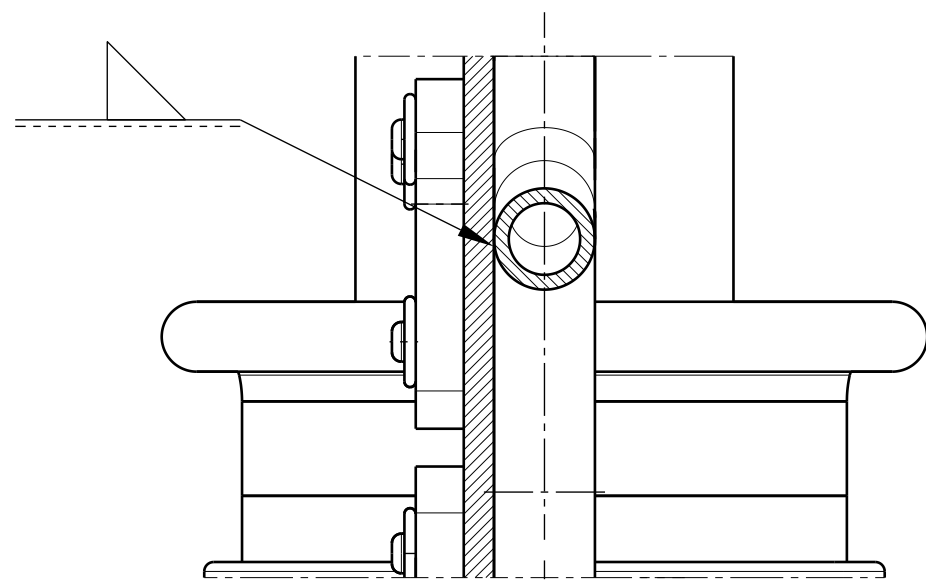
FRONT VIEW



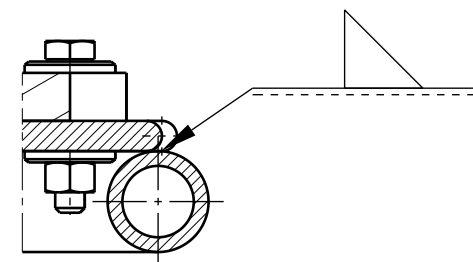
RIGHT VIEW



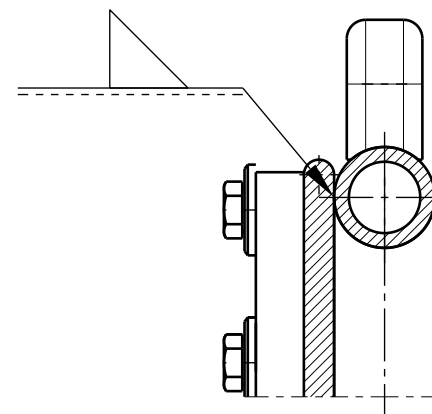
ISOMETRIC VIEW



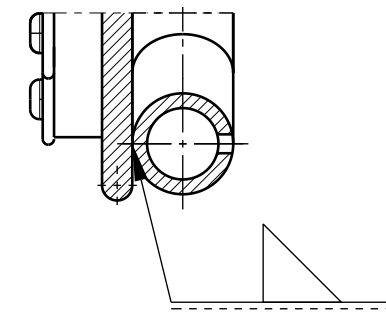
SECTION VIEW D-D  
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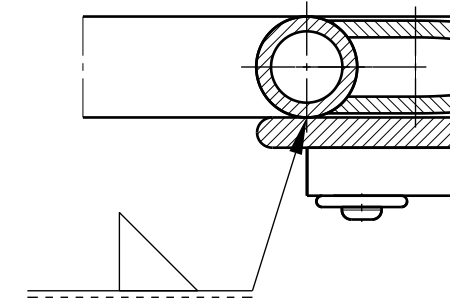
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Scale: 1:2



SECTION VIEW A-A  
Scale: 1:2



SECTION VIEW B-B  
Scale: 1:2



SECTION VIEW C-C  
Scale: 1:2

NOTE :-

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

2	FSS-00-02	INTF_PIPE_MESH_SUPPORT_PLATE	Part	1	SS304	
1	FSS-00-01	INTF_PIPE_MESH_SUPPORT	Part	1	SS304	
Sr.No.	DRAWING NO.	Part Name	Type	Qty.	Material	Remarks

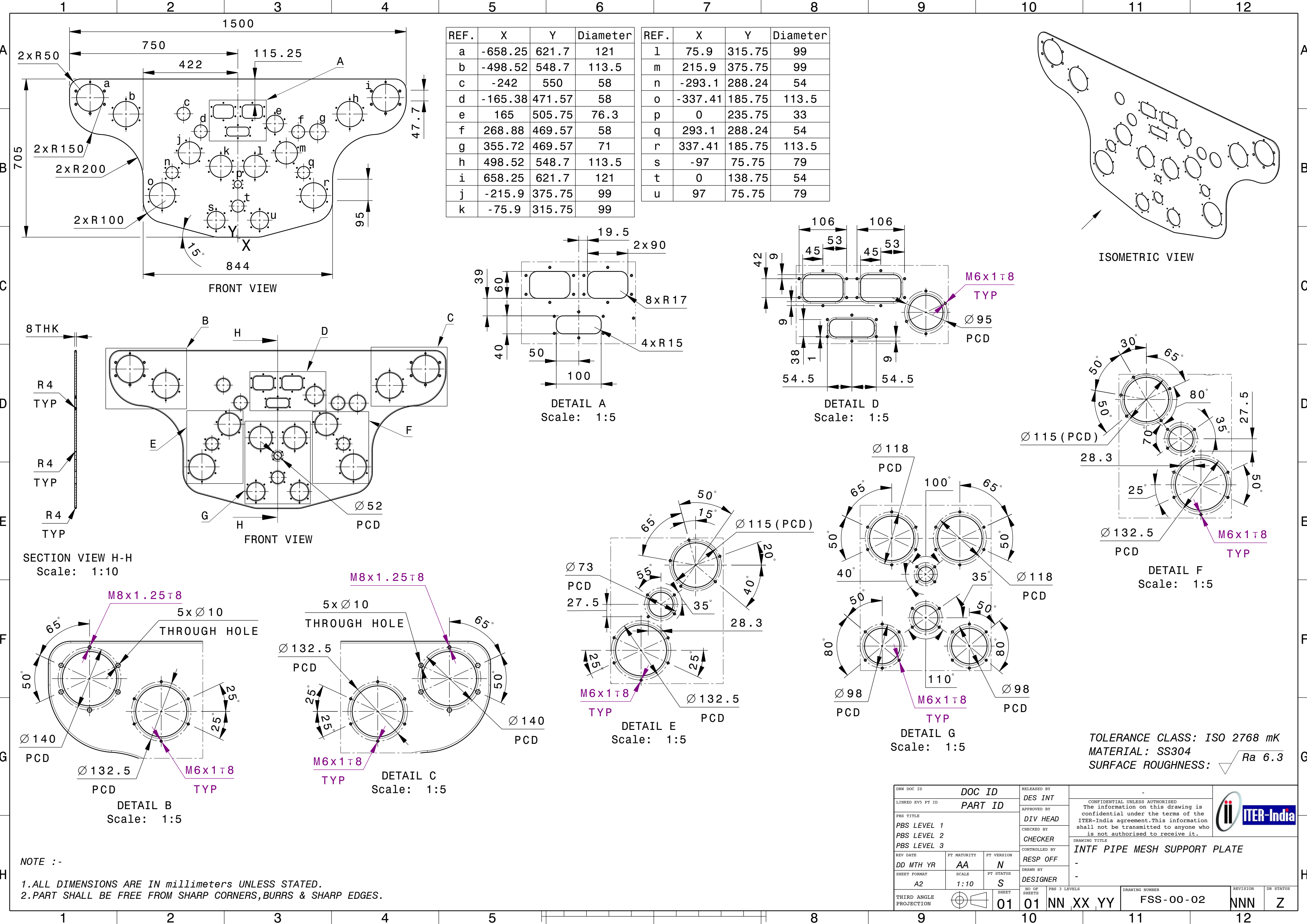
TOLERANCE CLASS: ISO 2768 mK

DRW DOC ID		DOC ID	RELEASED BY	CONFIDENTIAL UNLESS AUTHORISED The information on this drawing is confidential under the terms of the ITER-India agreement.This information shall not be transmitted to anyone who is not authorised to receive it.				
LINKED EV5 PT ID		PART ID	DES INT					
PBS TITLE			APPROVED BY	DRAWING TITLE			INTF PIPE MESH SUPPORT ASSEMBLY	
PBS LEVEL 1			DIV HEAD					
PBS LEVEL 2			CHECKED BY	REVISION			NNN	
PBS LEVEL 3			CHECKER					
REV DATE	PT MATURITY	PT VERSION	RESP OFF	DRAWING NUMBER			FSS-01-00	
DD MTH YR	AA	N	DRAWN BY					
SHEET FORMAT	SCALE	PT STATUS	DESIGNER	NO OF SHEETS			01	
A2	1:10	S						
THIRD ANGLE PROJECTION		SHEET	01	PBS 3 LEVELS			NN XX YY	
			01	DRAWING NUMBER			FSS-01-00	
			01	REVISION			NNN	
			01	DR STATUS			Z	



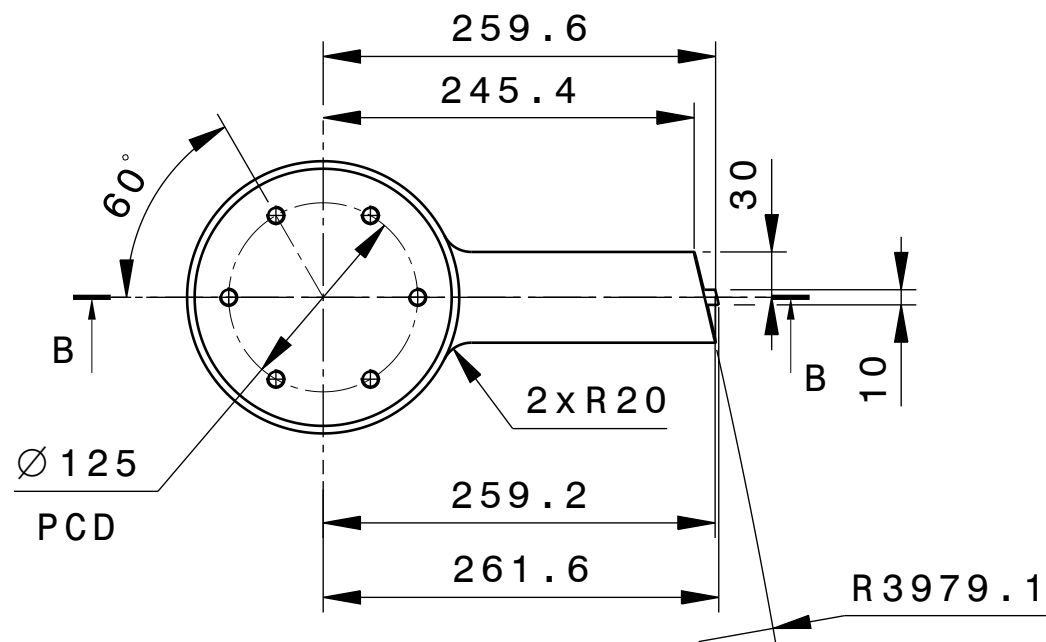




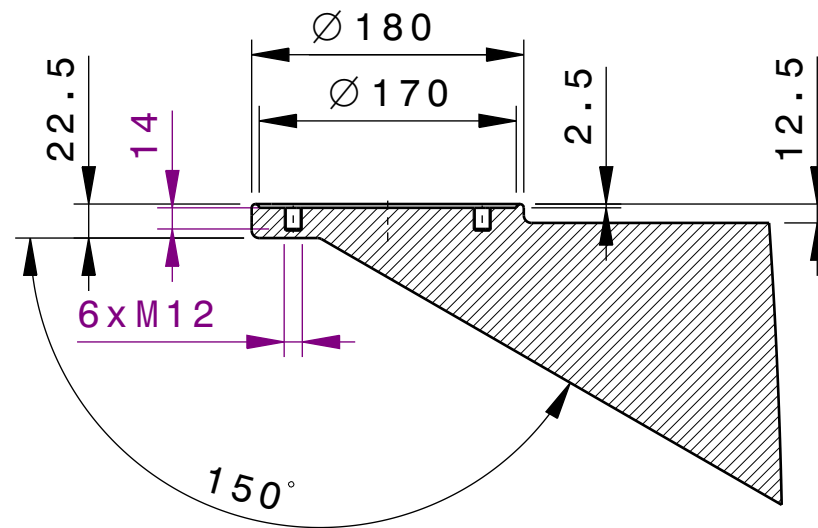


Spacereservation for the banner

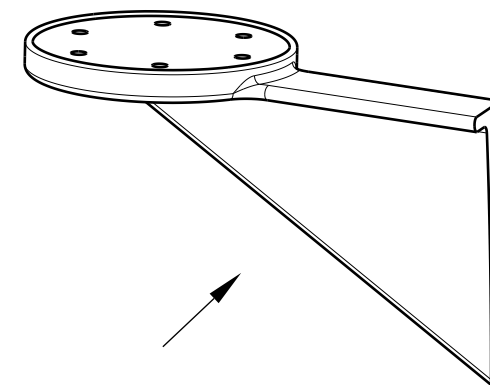
Spacereservation for the banner



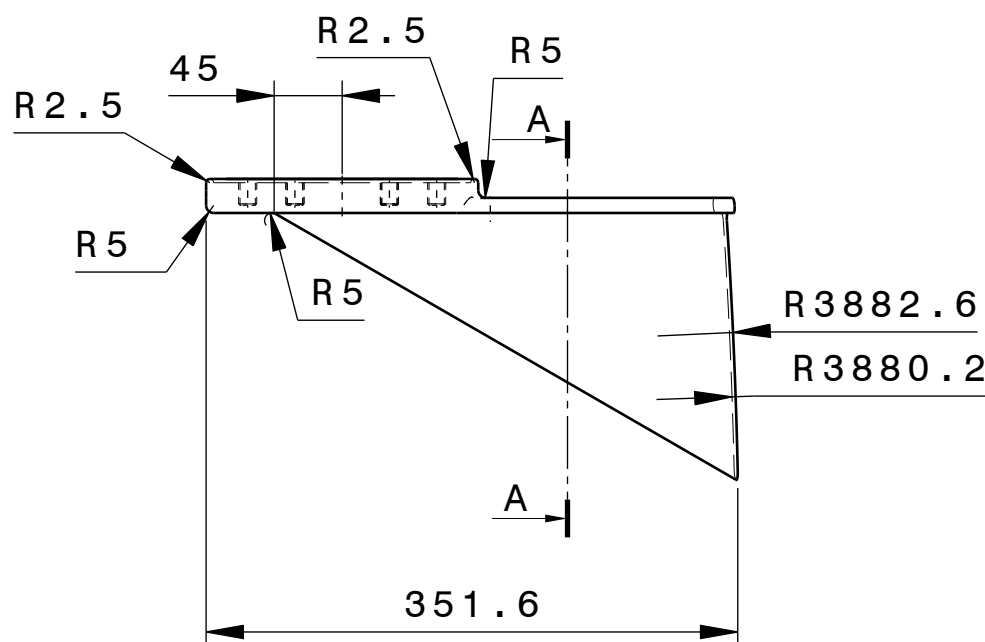
TOP VIEW



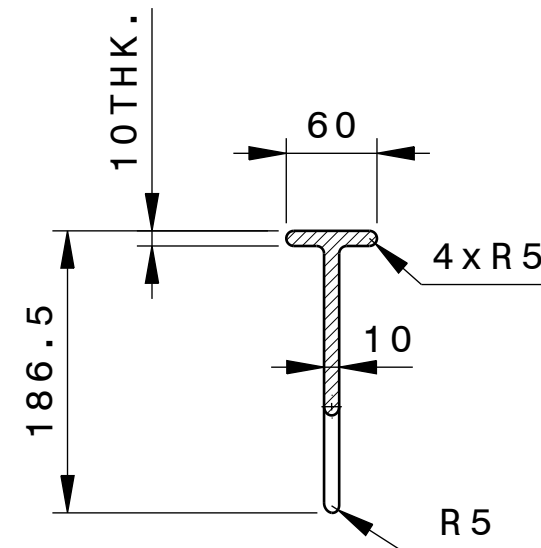
SECTION VIEW B-B



ISOMETRIC VIEW



FRONT VIEW





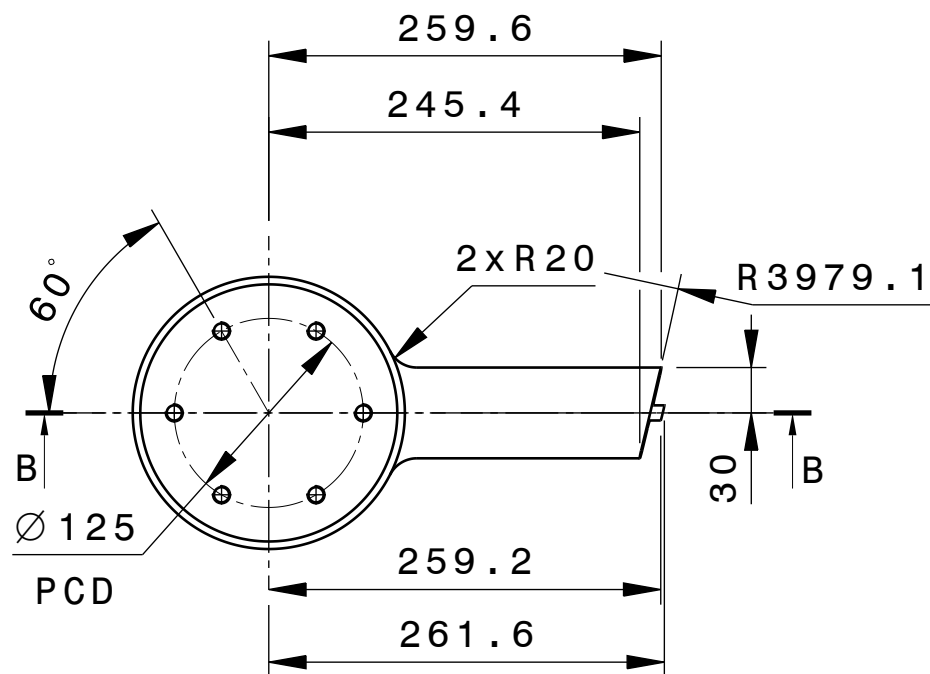
SECTION VIEW A-A

TOLERANCE CLASS: ISO 2768 mK  
 MATERIAL: SS304  
 SURFACE ROUGHNESS:  $\sqrt{Ra\ 6.3}$   
 Qty : 1

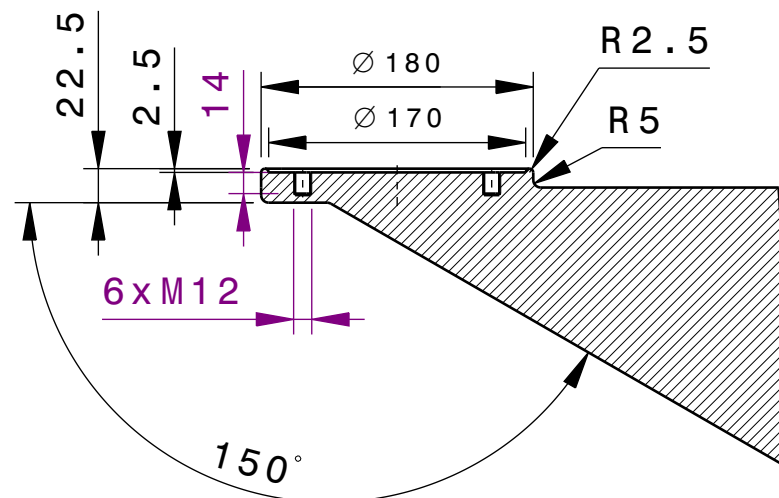
NOTE :-

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

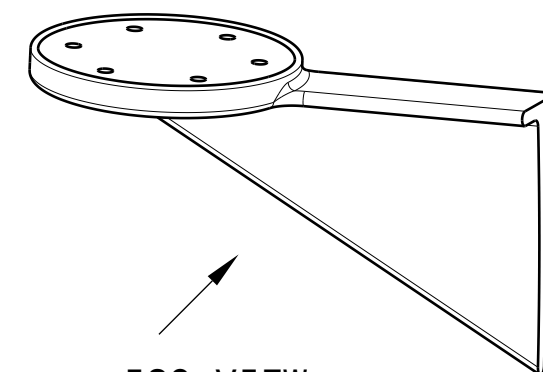
DRW DOC ID			DOC ID			RELEASED BY			-  CONFIDENTIAL UNLESS AUTHORISED The information on this drawing is confidential under the terms of the ITER-India agreement.This information shall not be transmitted to anyone who is not authorised to receive it.														
LINKED EV5 PT ID			PART ID			DES INT																	
PBS TITLE  PBS LEVEL 1 PBS LEVEL 2 PBS LEVEL 3						APPROVED BY  DIV HEAD																	
						CHECKED BY  CHECKER																	
REV DATE			PT MATURITY		PT VERSION		CONTROLLED BY			DRAWING TITLE  BTM SUPPORT LT													
DD MTH YR			AA		N		RESP OFF																
SHEET FORMAT			SCALE		PT STATUS		DRAWN BY																
A3			1:5		S		DESIGNER																
THIRD ANGLE PROJECTION						SHEET  01			NO OF SHEETS			PBS 3 LEVELS			DRAWING NUMBER			REVISION			DR STATUS		
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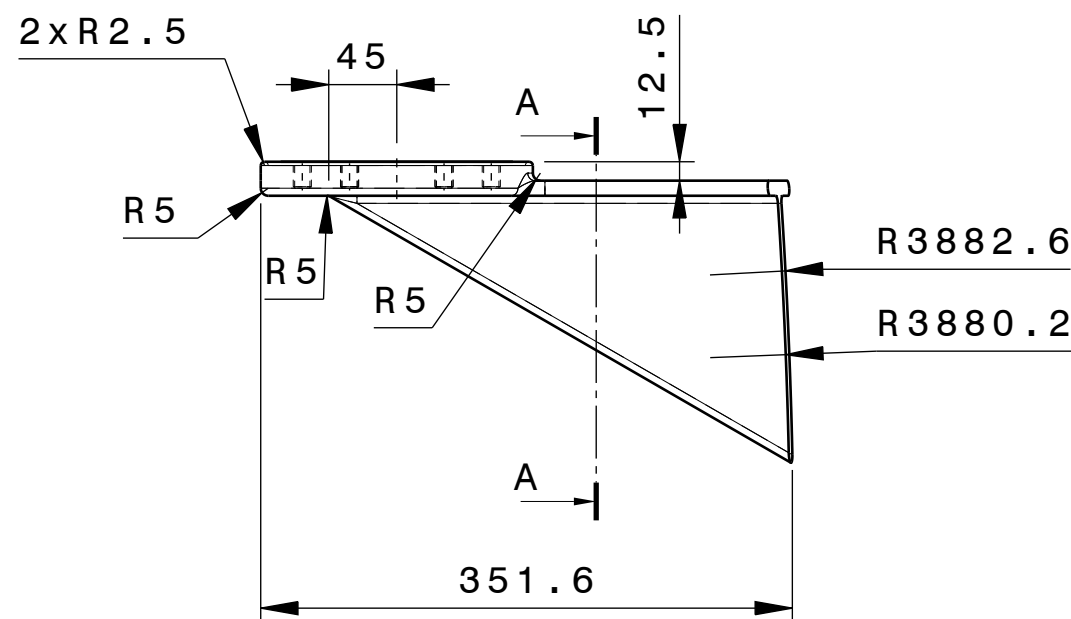
TOP VIEW



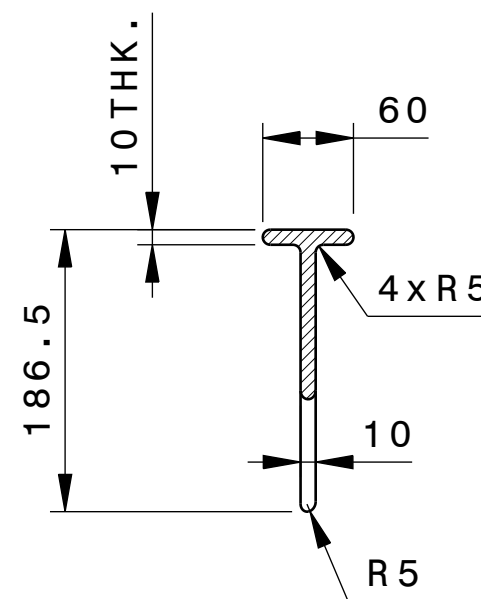
SECTION VIEW B-B



ISO VIEW



FRONT VIEW


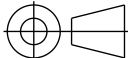


SECTION VIEW A-A

TOLERANCE CLASS: ISO 2768 mK  
MATERIAL: SS304  
SURFACE ROUGHNESS:  $\sqrt{Ra}$  6.3  
Qty : 1

NOTE :-

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

DRW DOC ID			DOC ID			RELEASED BY			-			<div></div>											
LINKED EV5 PT ID			PART ID			DES INT			CONFIDENTIAL UNLESS AUTHORISED The information on this drawing is confidential under the terms of the ITER-India agreement.This information shall not be transmitted to anyone who is not authorised to receive it.														
PBS TITLE						APPROVED BY																	
PBS LEVEL 1						DIV HEAD			DRAWING TITLE BTM SUPPORT RT														
PBS LEVEL 2						CHECKED BY																	
PBS LEVEL 3						CHECKER																	
REV DATE						CONTROLLED BY																	
PT MATURITY		PT VERSION		RESP OFF																			
DD MTH YR		AA		N																			
SHEET FORMAT		SCALE		PT STATUS		DRAWN BY																	
A3		1:5		S		DESIGNER																	
THIRD ANGLE PROJECTION						SHEET			NO OF SHEETS			PBS 3 LEVELS			DRAWING NUMBER			REVISION			DR STATUS		
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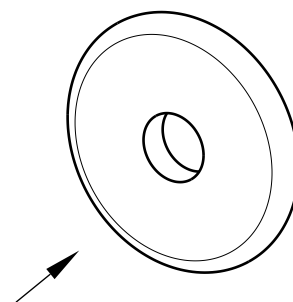
2

3

4

A

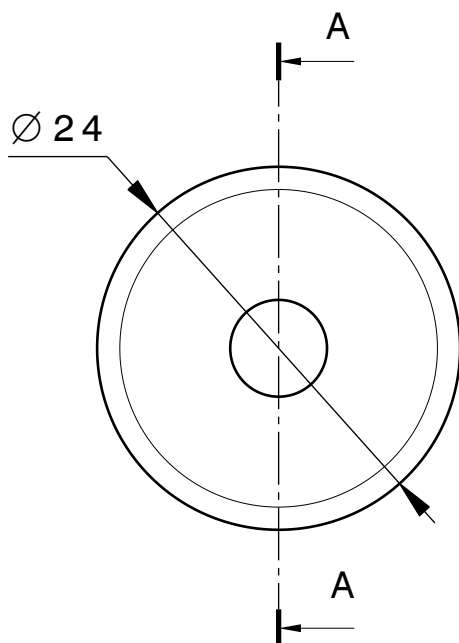
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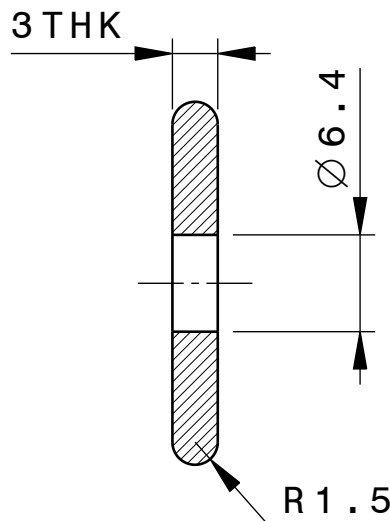
ISO VIEW

B

B



FRONT VIEW



SECTION VIEW A-A

C

C

D

D

TOLERANCE CLASS: ISO 2768 mK  
MATERIAL: SS304  
SURFACE ROUGHNESS:  $\sqrt{\text{Ra } 6.3}$   
Qty : 120

NOTE :-

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

E

F

DRW DOC ID			DOC ID			RELEASED BY			<div>CONFIDENTIAL UNLESS AUTHORISED The information on this drawing is confidential under the terms of the ITER-India agreement.This information shall not be transmitted to anyone who is not authorised to receive it.</div> <div>ITER-India</div>			
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PBS LEVEL 3						CHECKER						
REV DATE			PT MATURITY		PT VERSION	CONTROLLED BY						
DD MTH YR			AA		N	RESP OFF						
SHEET FORMAT			SCALE		PT STATUS	DRAWN BY			ISO7093-1 6x24 WASHER LARGE SERIES			
A4			2:1		S	DESIGNER						
THIRD ANGLE PROJECTION					SHEET	NO OF SHEETS	PBS 3 LEVELS		DRAWING NUMBER		REVISION	DR STATUS
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4