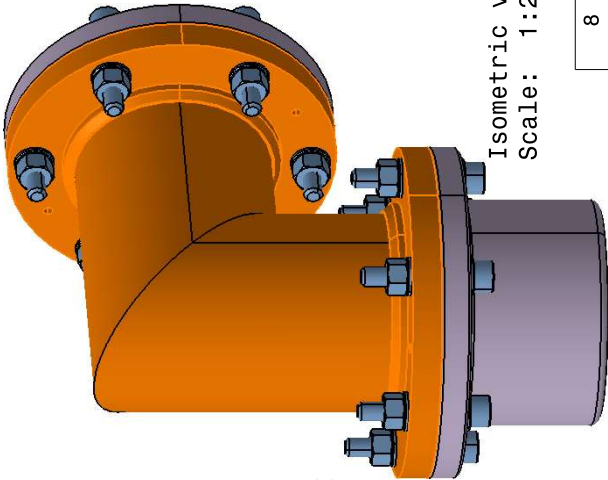
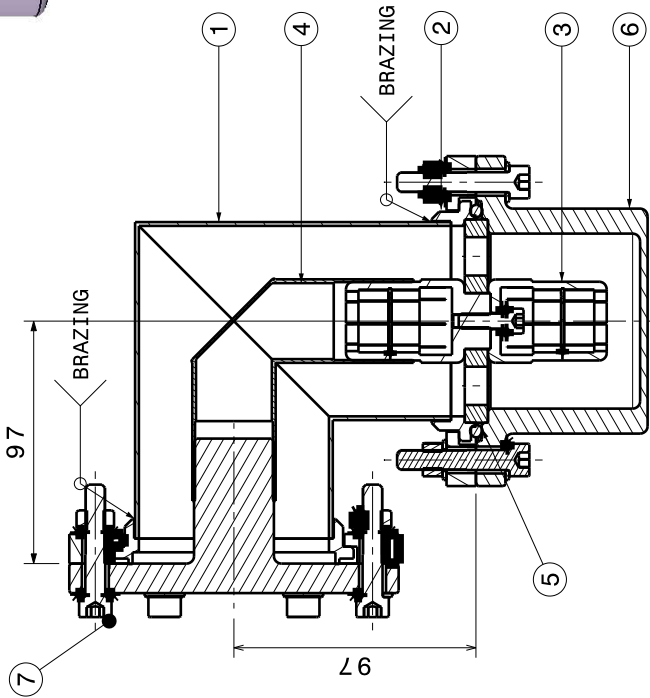


Front view
Scale: 1:2



Isometric view
Scale: 1:2



Section view I-I
Scale: 1:2

8	M8X40MM ALLEN BOLT, NUT, WASHER ASSY	SS304	12
7	FLANGE COVER 3	PVC	1
6	FLANGE COVER 2	PVC	1
5	O-RING	RUBBER SILICON	1
4	INNER CONDUCTOR	ETP COPPER	1
3	IC JOINT ASSY	ASSY	1
2	SWIVEL FLANGE PART 1&2	IS/ISO CuZn40	2
1	OUTER CONDUCTOR	ETP COPPER	1
PART NO	PART NAME	DESCRIPTION/MATERIAL	QTY

NOTE:

-ALL DIMENSIONS ARE IN MM

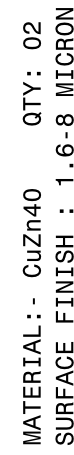
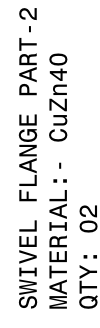
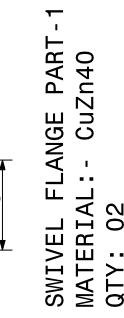
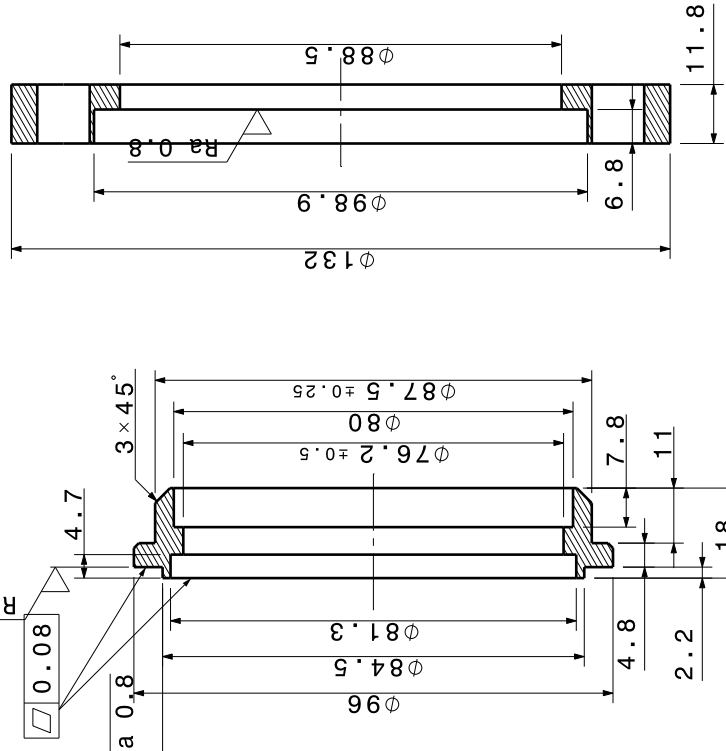
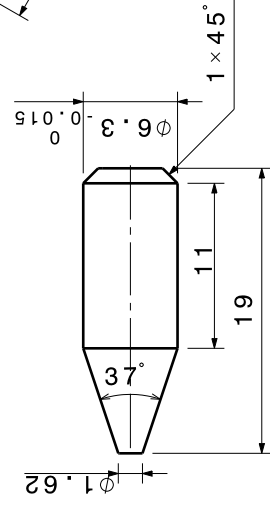
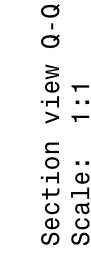
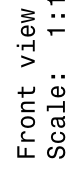
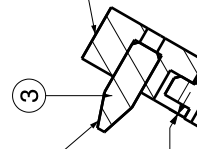
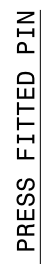
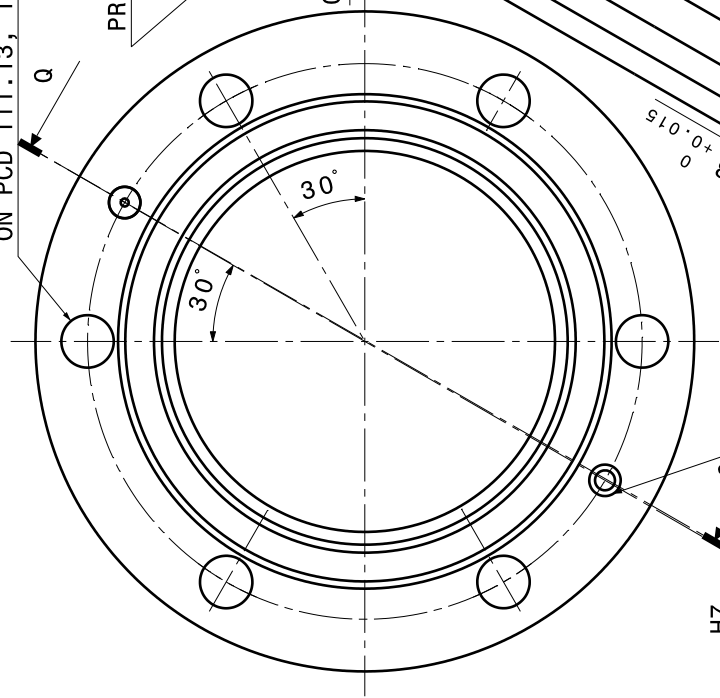
-ALL SHARP EDGES TO BE REMOVED AND REPLACED BY CHAMFER OF 1x45 DEG


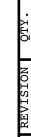
-FLATNESS VALUES ARE NOT TO EXCEED 3 MM/METER ON ANY UNSPECIFIED SURFACE

-ROUGHNESS OF ALL UNSPECIFIED SURFACES DO NOT EXCEED Ra 8µm

-ALL UNSPECIFIED TOLERANCE TO BE CONSIDERED AS PER ISO 2768-1

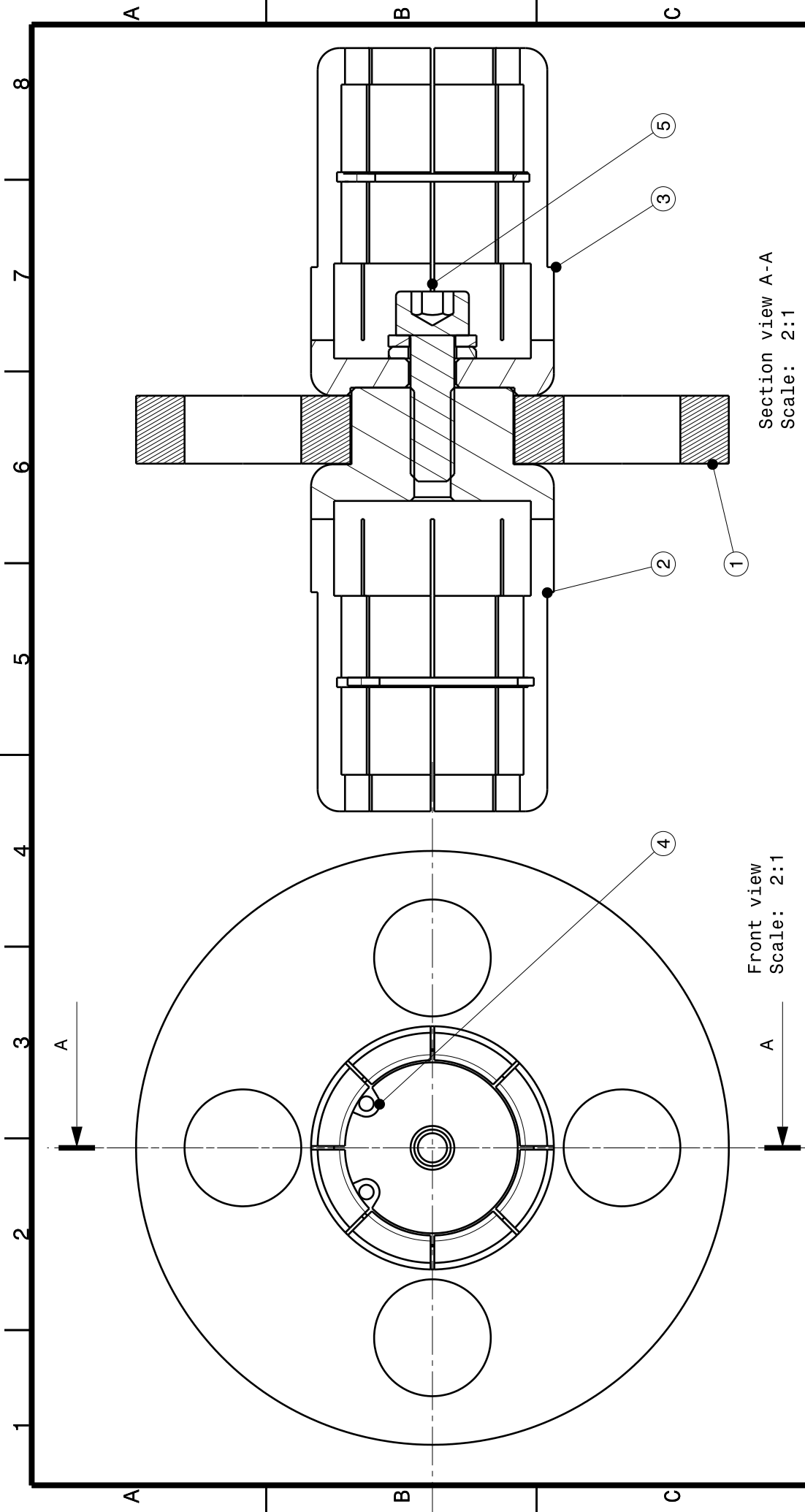
DRW DOC ID		RELEASED BY		ITER INDIA (IPR) GANDHINAGAR	
LINKED EVS PT ID		APPROVED BY		CONFIDENTIAL UNLESS AUTHORISED	
PBS TITLE		AKHIL JHA		The information on this drawing is confidential under the terms of the ITER India agreement. This information shall not be transmitted to anyone who is not authorised to receive it.	
REV DATE		CHECKED BY		DRAWING TITLE	
15/09/2025		ROHIT ANAND		3-1/8" BEND ASSEMBLY	
SHEET SIZE		CONTROLLED BY		SHEET REVISION DR STATUS	
A3		PARESH VASAVA		01 V1_1	
SCALE		PBS 3 LEVELS		DRAWING II/ICH&CD/BEND/3-NUMBER	
THIRD ANGLE PROJECTION		NO OF SHTS		1/8" /00	
11		11		01	



LCA ITER 10		RELEASED BY		ITER INDIA(IPR)GANDHINAGAR		 ITER-India
USED ON		APPROVED BY		CONFIDENTIAL UNLESS AUTHORISED		
PBS TITLE		AKHIL JHA		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..		
		CHECKED BY		DRAWING TITLE		
		ROHIT ANAND				
		CONTROLLED BY		SWIVEL FLANGE PART-1&2 FOR 3-1/8" BEND ASSEMBLY		
REV DATE		PT MATURITY				
15/09/2025		CLASS: 02				
SHEET SIZE		SCALE				
A3		SAFETY CLASS: NONSIC		DRAWN BY		SHEET NO. 03 REV 1
		PARSH VASHTA		PBS 3 LEVELS		
THIRD ANGLE PROJECTION				DRAWING NUMBER		II/IC&D/BEND/3-1/8"/02
		NO. OF SATS 10		QTY.		

NOTE: 1. MATERIAL SHOULD BE FREE FROM POROSITY
2. ALL SHARP EDGES TO BE REMOVE





Section view A-A
Scale: 2:1

Front view
Scale: 2:1

5	M6X30L CAP SCREW & WASHER	SS 304	2
4	CIRCLIP	SS 304	2
3	IC JOINT FEMALE	IS/ISO CuZn40	1
2	IC JOINT MALE	IS/ISO CuZn40	1
1	TEFLON DISK	TEFLON	1
PART NO	PART NAME	DESCRIPTION / MATERIAL	QTY

DRW DOC ID

LINKED EVS PT ID

PBS TITLE

RELEASED BY
ITER INDIA (IPR) GANDHINAGAR

APPROVED BY
AKHIL JHA

CHECKED BY
ROHIT ANAND

CONTROLLED BY

PT MATURITY
CLASS:

REV DATE
15/09/2025

SHEET SIZE
A3

THIRD ANGLE
PROJECTION

QUALITY CLASS:

SCALE

SHEET CLASS:
NON-ISO

NO OF
SHTS

10

ITER-India

CONFIDENTIAL UNLESS AUTHORISED

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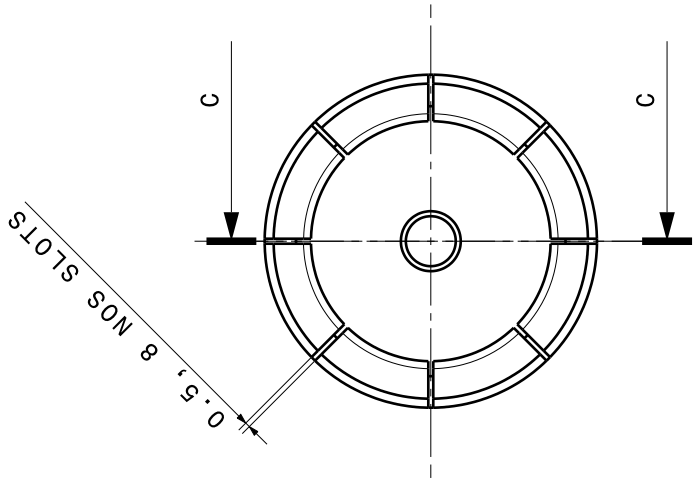
DRAWING TITLE

3-1/8" IC JOINT ASSEMBLY

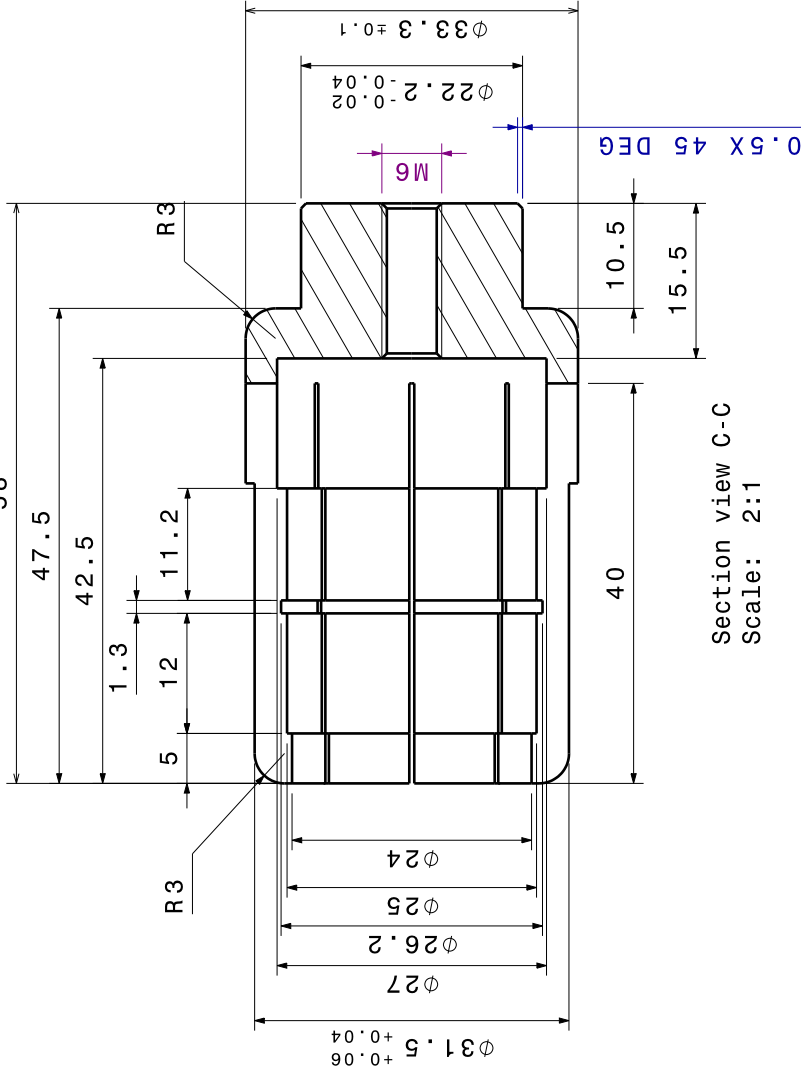
DRAWING NUMBER
II/ICH&CD/BEND/3-1/8" IC ASSY/03/00

SHEET REVISION OR STATUS
04 V1_1

8



Front view
Scale: 2:1



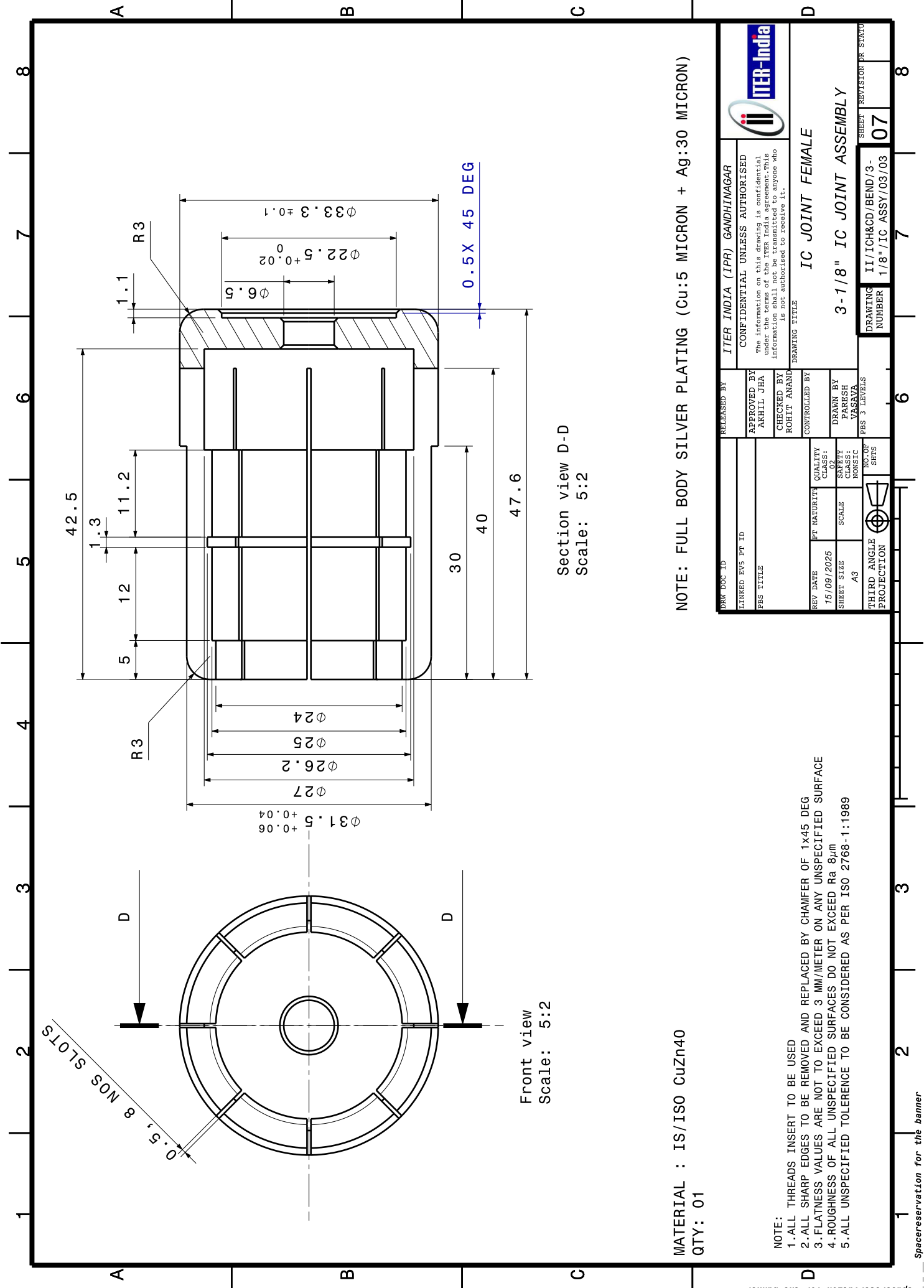
Section view C-C
Scale: 2:1

MATERIAL : IS/ISO CuZn40
QTY: 01

NOTE: FULL BODY SILVER PLATING (Cu:5 MICRON + Ag:30 MICRON)

- NOTE:
1. ALL THREADS INSERT TO BE USED
 2. ALL SHARP EDGES TO BE REMOVED AND REPLACED BY CHAMFER OF 1x45 DEG
 3. FLATNESS VALUES ARE NOT TO EXCEED 3 MM/METER ON ANY UNSPECIFIED SURFACE
 4. ROUGHNESS OF ALL UNSPECIFIED SURFACES DO NOT EXCEED Ra 8µm
 5. ALL UNSPECIFIED TOLERANCE TO BE CONSIDERED AS PER ISO 2768-1:1989

DRW DOC ID	RELEASED BY	ITER INDIA (IPR) GANDHINAGAR	
LINKED EVS PT ID	APPROVED BY	CONFIDENTIAL UNLESS AUTHORISED	
PBS TITLE	AKHIL JHA	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.	
REV DATE	CHECKED BY	DRAWING TITLE	
15/09/2025	ROHIT ANAND	IC JOINT MALE	
SHEET SIZE	CONTROLLED BY	3-1/8" IC JOINT ASSEMBLY	
A3	PBS 3 LEVELS	DRAWN BY PARESH VASAVA	
THIRD ANGLE PROJECTION	NO. OF SHTS	SHEET REVISION DR STATUS	
		DRAWING NUMBER 1/8" IC ASSY/03/02 06	



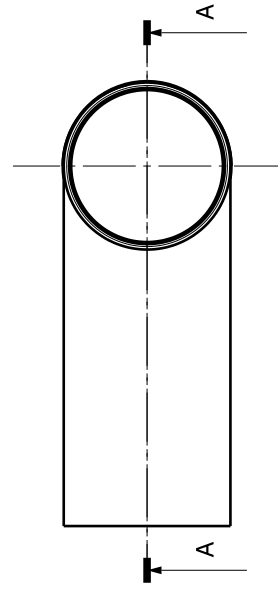
MATERIAL : IS/ISO CuZn40
QTY: 01

NOTE: FULL BODY SILVER PLATING (Cu:5 MICRON + Ag:30 MICRON)

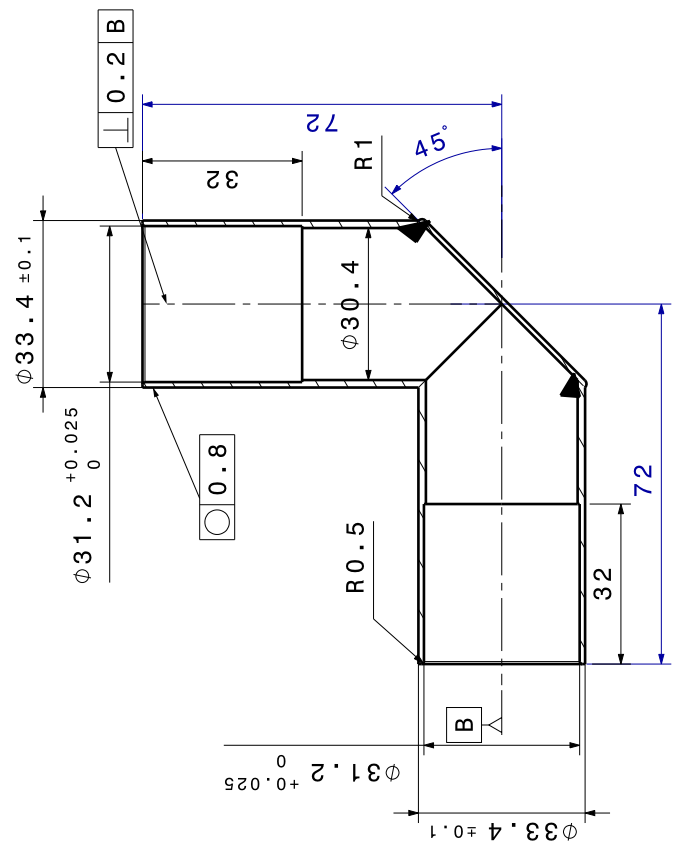
DRW DOC ID		RELEASED BY		ITER INDIA (IPR) GANDHINAGAR	
LINKED EVS PT ID		APPROVED BY		CONFIDENTIAL UNLESS AUTHORISED	
PBS TITLE		AKHIL JHA		The information on this drawing is confidential under the terms of the ITER India agreement. This information shall not be transmitted to anyone who is not authorised to receive it.	
REV DATE		CHECKED BY		DRAWING TITLE	
15/09/2025		ROHIT ANAND		IC JOINT FEMALE	
SHEET SIZE		CONTROLLED BY		3-1/8" IC JOINT ASSEMBLY	
A3		PARESH VASAVA		DRAFTING NUMBER	
THIRD ANGLE PROJECTION		PBS 3 LEVELS		1/8" IC ASSY/03/03	
NO OF SHTS		SHEET REVISION DR STATUS		07	



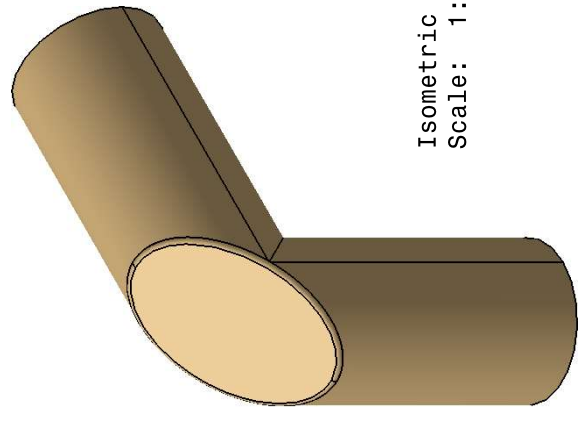
- NOTE:
1. ALL THREADS INSERT TO BE USED
 2. ALL SHARP EDGES TO BE REMOVED AND REPLACED BY CHAMFER OF 1x45 DEG
 3. FLATNESS VALUES ARE NOT TO EXCEED 3 MM/METER ON ANY UNSPECIFIED SURFACE
 4. ROUGHNESS OF ALL UNSPECIFIED SURFACES DO NOT EXCEED Ra 8µm
 5. ALL UNSPECIFIED TOLERANCE TO BE CONSIDERED AS PER ISO 2768-1:1989



Front view
Scale: 1:1



Section view A-A
Scale: 1:1



Isometric view
Scale: 1:1

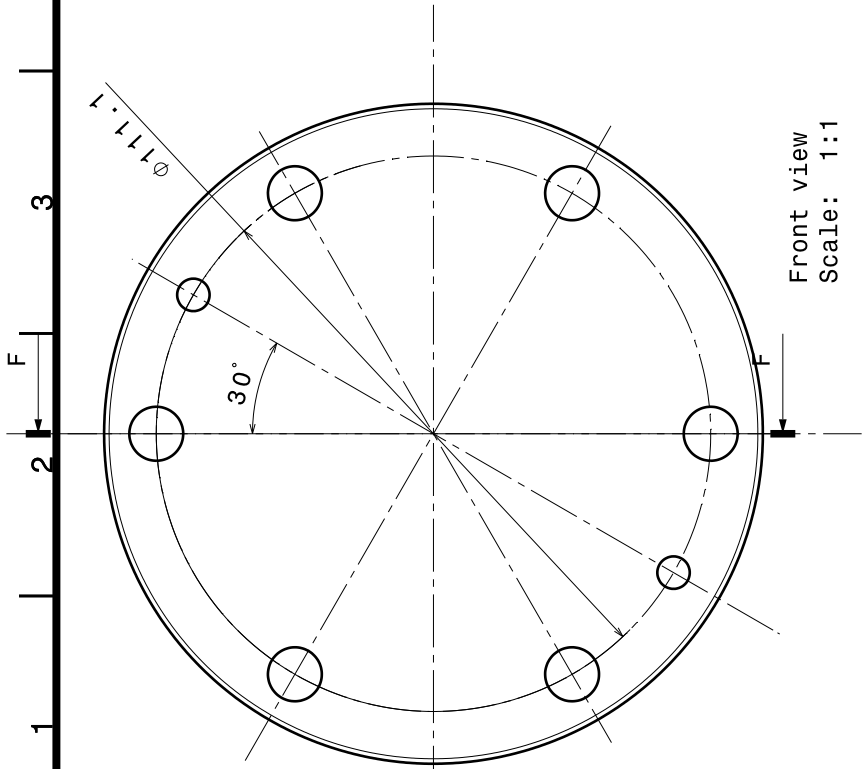
MATERIAL :- ETP COPPER, PURITY 99.9 MINIMUM
TUBE SHOULD BE SEAMLESS

NOTE:- SURFACE IRREGULARITIES, SCRATCHES, DENTS AND
TOOL MARKS ARE NOT ALLOWED ON THE OUTER SURFACE OF INNER
CONDUCTOR

QUANTITY: 01

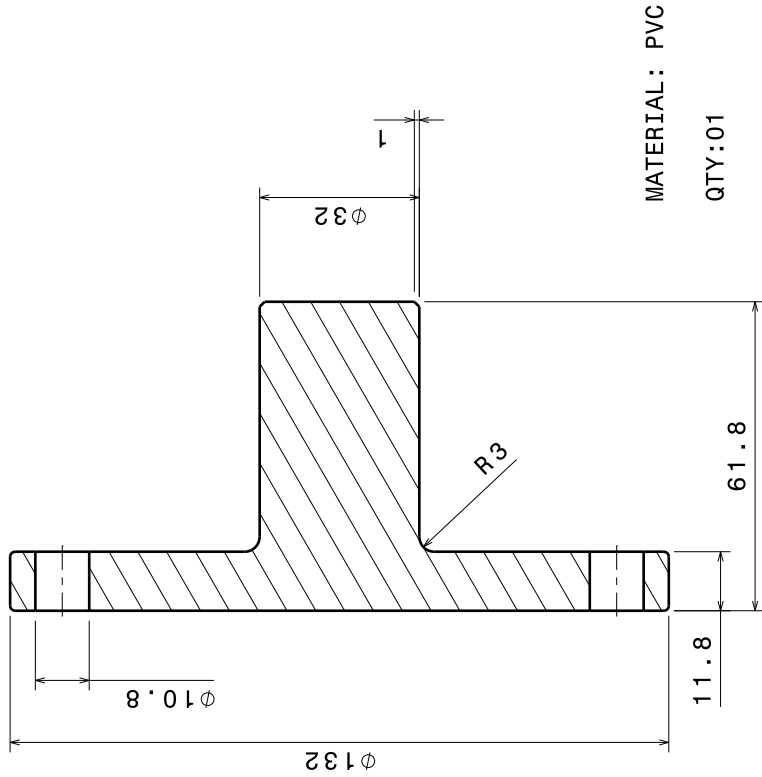
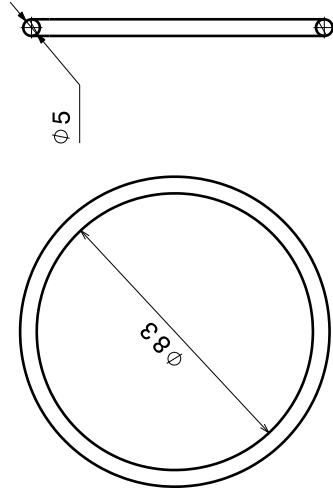
NOTE:
-ALL SHARP EDGES TO BE REMOVED AND REPLACED BY CHAMFER OF 1x45 DEG
-FLATNESS VALUES ARE NOT TO EXCEED 3 MM/METER ON ANY UNSPECIFIED SURFACE
-ROUGHNESS OF ALL UNSPECIFIED SURFACES DO NOT EXCEED Ra 8/ μ m
-ALL UNSPECIFIED TOLERANCE TO BE CONSIDERED AS PER ISO 2768-1:1989

DRAWING TITLE		ITER INDIA (IPR) GANDHINAGAR	
LINKED EVS PT ID		CONFIDENTIAL UNLESS AUTHORISED	
PBS TITLE		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.	
REV DATE		DRAWING TITLE	
15/09/2025		INNER CONDUCTOR	
SHEET SIZE		3-1/8" BEND ASSY	
A3		ITER-India	
THIRD ANGLE PROJECTION		DRAFTING II/ICH&CD/BEND/3-09	
PT MATURITY		SHEET REVISION DR STATUS	
CLASS:		1/8" /04	
SCALE		09	
SHEET CLASS:		09	
NON-SIC		09	
NO OF SHTS		09	






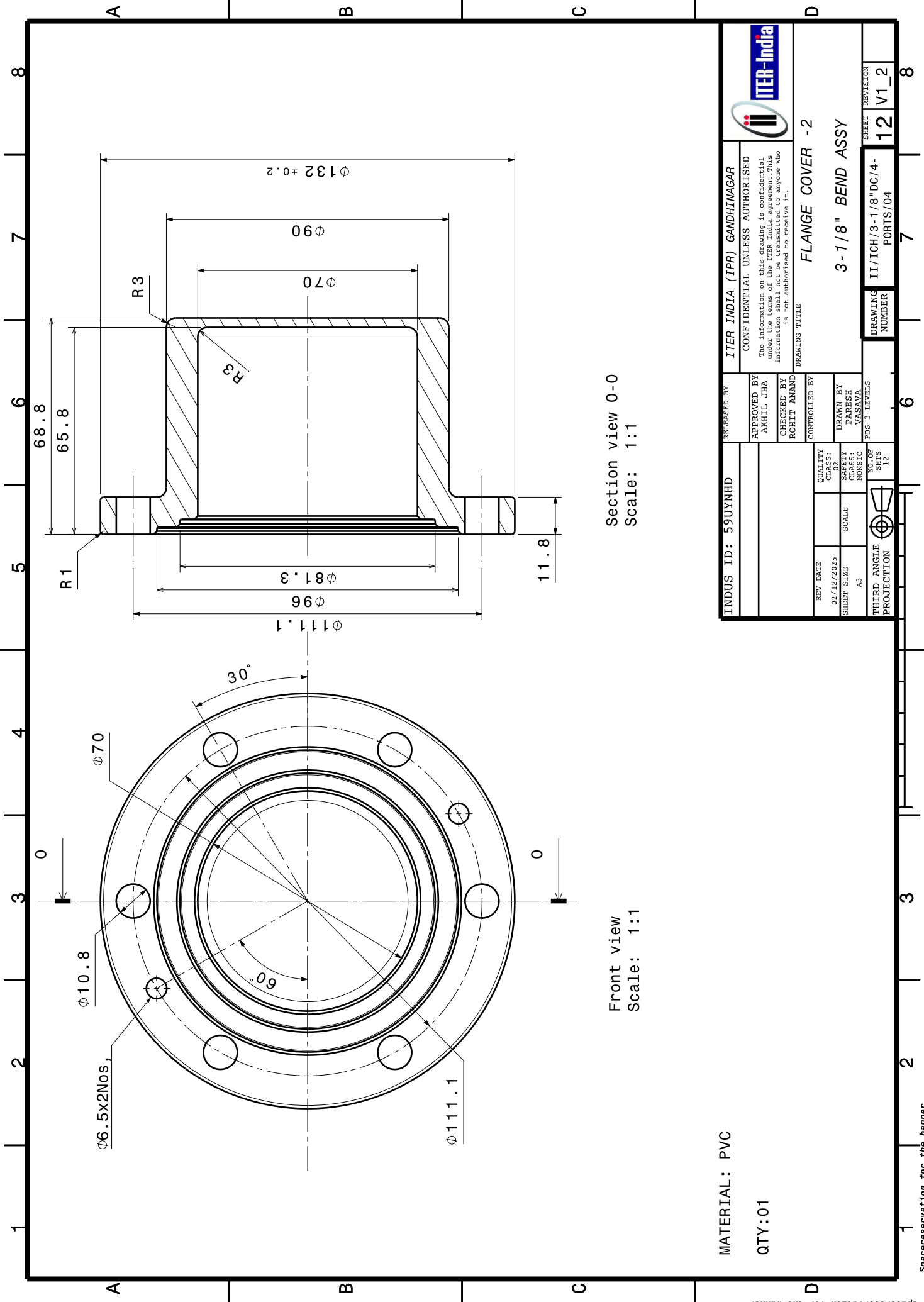
PART: O-RING MATERIAL: RUBBER SILICON
QTY: 01

Section view F-F
Scale: 1:1



MATERIAL: PVC
QTY:01

DRW DOC ID		RELEASED BY		ITER INDIA (IPR) GANDHINAGAR			
LINKED EVS PT ID		APPROVED BY		CONFIDENTIAL UNLESS AUTHORISED			
PBS TITLE		AKHIL JHA		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 authorized to receive it.			
REV DATE		CONTROLLED BY		DRAWING TITLE			
15/09/2025				FLANGE COVER & O-RING			
SHEET SIZE		DRAWN BY		3-1/8" BEND ASSY			
A3		PARESH VASAVA					
THIRD ANGLE PROJECTION		PBS 3 LEVELS		DRAWING NUMBER		SHEET# REVISION OF STATUS	
				II/ICH&CD/BEND/3-1/8"/05&06		10	



MATERIAL: PVC

QTY:01

Front view
Scale: 1:1

Section view 0-0
Scale: 1:1

INDUS ID: 59UYNHD		RELEASED BY ITER INDIA (IPR) GANDHINAGAR		ITER-India	
		APPROVED BY AKHIL JHA		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 authorized to receive it.	
		CHECKED BY ROHIT ANAND		DRAWING TITLE FLANGE COVER - 2	
		CONTROLLED BY		3-1/8" BEND ASSY	
		DRAWN BY PARESH VASAVA		SHEET 12	
		PBS 3 LEVELS		REVISION V1_2	
		THIRD ANGLE PROJECTION		DRAWING NUMBER II/IOH/3-1/8"DC/4-PORTS/04	
		REV DATE 02/12/2025			
		SHEET SIZE A3			
		SCALE			
		QUALITY CLASS: CLASS: 1			
		SHEET CLASS: CLASS: NONSIC			
		NO. OF SHTS 12			