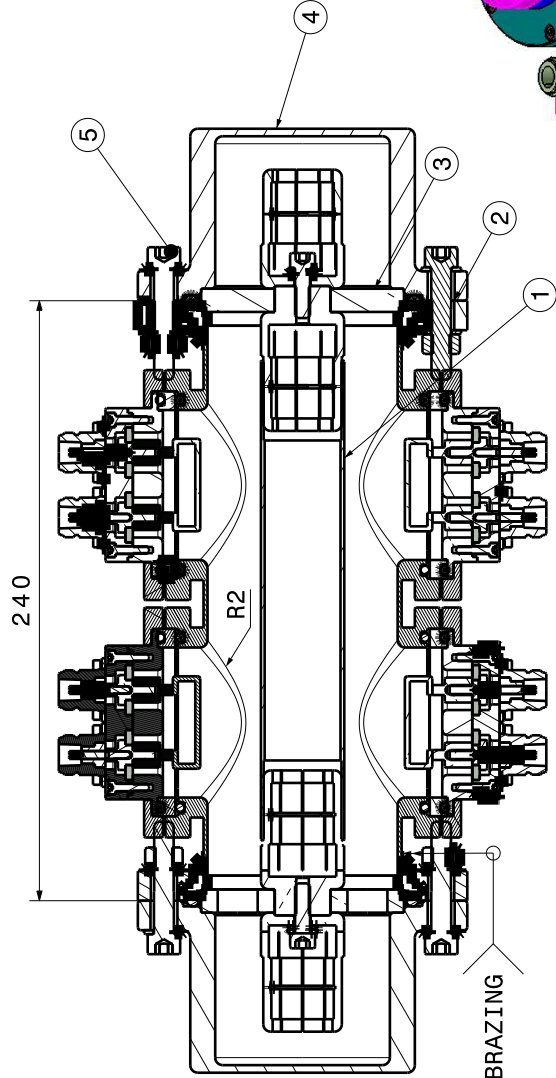
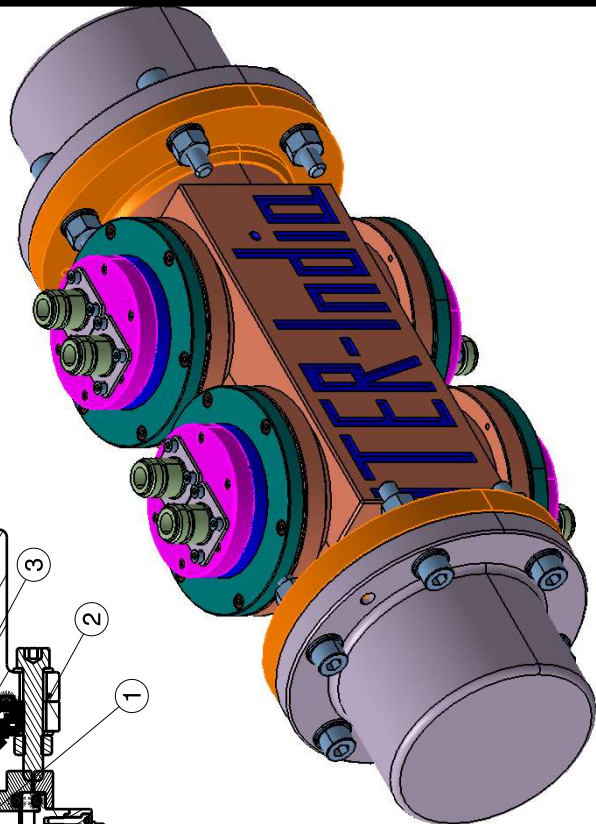


Front view
Scale: 1:2



Section view A-A
Scale: 1:2



Isometric view
Scale: 1:2

PART NO	PART NAME	DESCRIPTION / MATERIAL	QTY
5	M8x45MM ALLEN BOLT,NUT,WASHER ASSEMBLY	SS304	12
4	FLANGE COVER	II/ICH/3-1/8"DC/4-PORTS/04	2
3	3-1/8" INCH IC JOINT ASSEMBLY	II/ICH/3-1/8"DC/4-PORTS/03	2
2	3-1/8" _DC_OC_ASSY	II/ICH/3-1/8" DC/4-PORTS/02	1
1	3-1/8" _DC_IC	II/ICH/3-1/8" DC/4-PORTS/01	1

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

INDUS ID: 59UYNHD		RELEASED BY ITER INDIA (IPR) GANDHINAGAR	SHEET REVISION 01 V1_2	
		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 authorised to receive it.	
		CHECKED BY ROHIT ANAND	DRAWING TITLE 3-1/8" DIRECTIONAL COUPLER 4-PORTS	
REV DATE 02/12/2025		CONTROLLED BY PARESH VASAVA		
QUALITY CLASS:02	SAFETY CLASS:	PBS 3 LEVELS		
SHEET SIZE A3	SCALE			
THIRD ANGLE PROJECTION	NO OF SHTS 24			

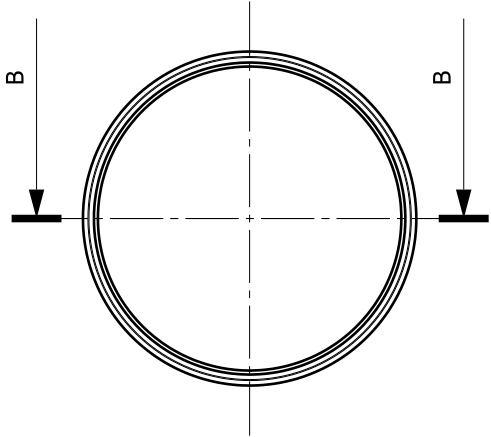
1 2 3 4 5 6 7 8

A

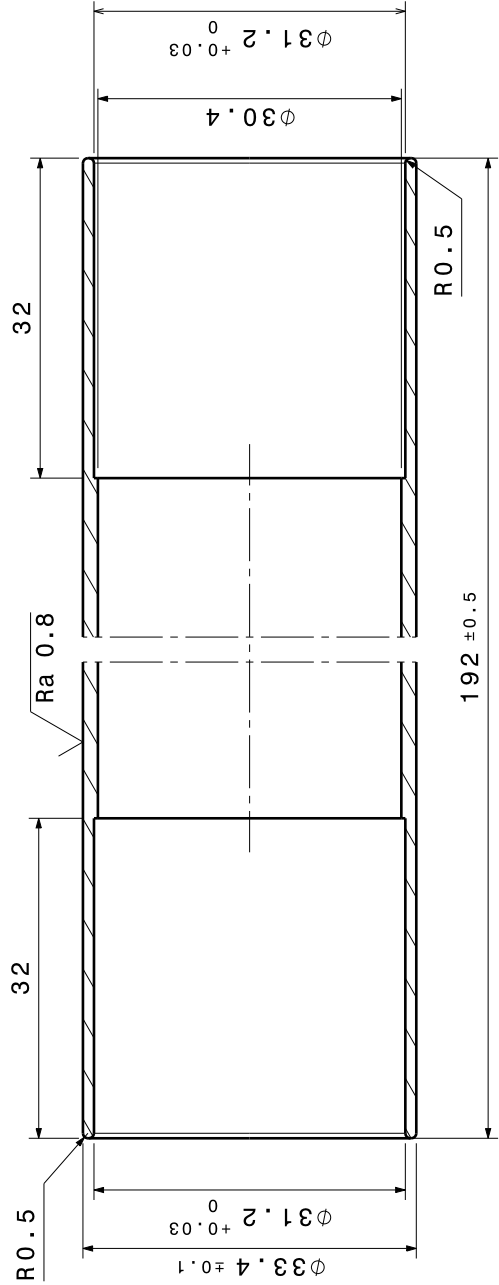
B

C

D



Front view
Scale: 2:1

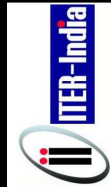


Section view B-B
Scale: 2:1

MATERIAL: ETP COPPER

NOTE: SURFACE IRREGULARITIES, SCRATCHES, DENTS AND TOOL MARKS ARE NOT ALLOWED ON THE OUTER SURFCAE

- 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



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ITER INDIA (IPR) GANDHINAGAR

APPROVED BY
AKHIL JHA

CHECKED BY
ROHIT ANAND

CONTROLLED BY

DRAWN BY
PARESH VASAVA

PBS 3 LEVELS

INDUS ID: 59UYNHD

QUALITY CLASS:02

REV DATE
02/12/2025

SHEET SIZE
A3

SCALE

THIRD ANGLE PROJECTION

NO OF SHTS
24

CONFIDENTIAL UNLESS AUTHORISED

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DRAWING TITLE

DC_IC

3-1/8" DIRECTIONAL COUPLER 4-PORTS

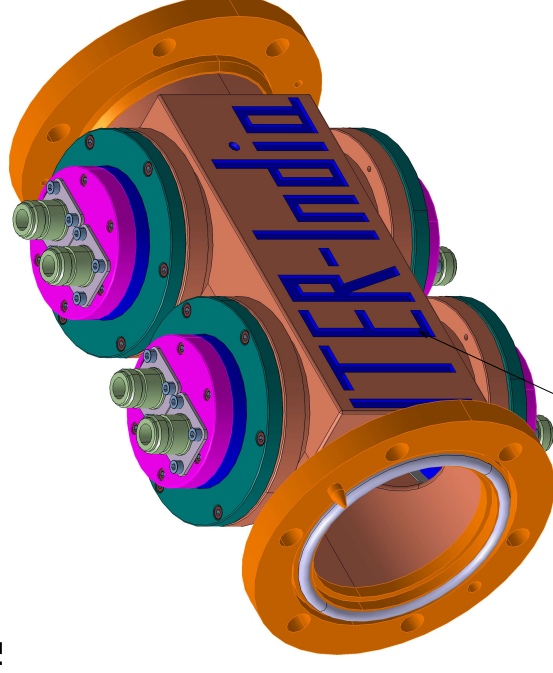
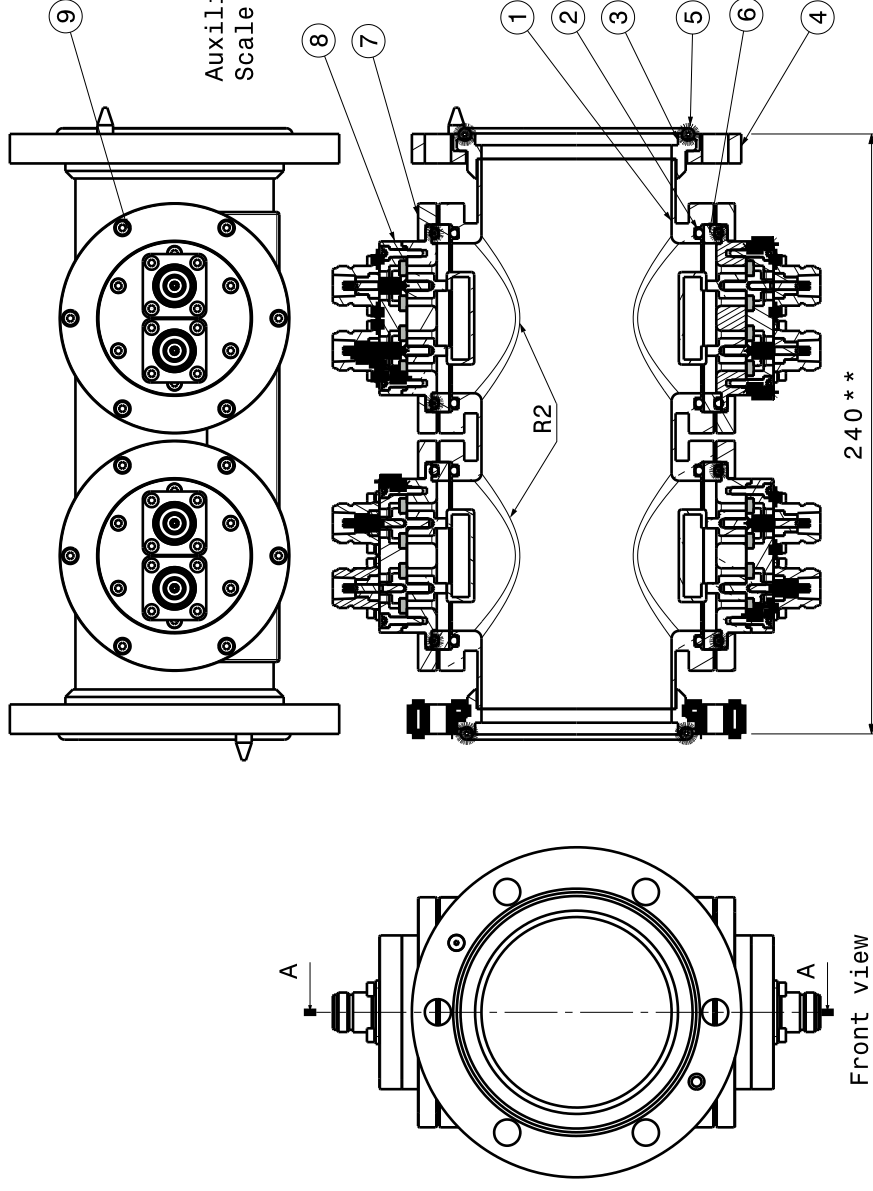
DRAWING NUMBER
II/ICH/3-1/8" DC/4-PORTS/01

SHEET REVISION OR STATUS
02 V1_2

1 2 3 4 5 6 7 8

Spacereservation for the banner

Spacereservation for the banner





Isometric view
Scale: 1:2

Section view A-A
Scale: 1:2

*10	M3 INSERT	SS 304	24
9	M3X14 ALLEN HEX BOLT	SS 304	24
8	DC STRIP COVER ASSY	ASSY	4
7	BOSS COVER	IS/ISO CuZu40	4
6	PRESSURISATION RING	IS/ISO CuZu40	4
5	O-RING FOR SWIVEL FLANGE	RUBBER SILICON	2
4	SWIVEL_FLANGE_PART_2	IS/ISO CuZu40	2
3	SWIVEL_FLANGE_PART_1	IS/ISO CuZu40	2
2	3-1/8" DC O RING	RUBBER SILICON	8
1	3-1/8" DC OC	ETP COPPER	1
PART NO	PART NAME	DESCRIPTION / MATERIAL	QTY

~~BEFORE EMBOSSING,
PL COLLECT LOGO FROM ITER-India~~

NOTE: * INSERT TO BE USED AT ALL THREADED HOLES
** MARKED AS AN IMPORTANT DIMENSIONS

INDUS ID: 59UYNH		RELEASED BY ITER INDIA (IPR) GANDHINAGAR		ITER-India 	
		APPROVED BY AKHIL JHA		CONFIDENTIAL UNLESS AUTHORISED	
		CHECKED BY ROHIT ANAND		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.	
		CONTROLLED BY		DRAWING TITLE	
REV DATE		QUALITY CLASS: 02		3-1/8" DC_OC ASSEMBLY	
02/12/2025					
SHEET SIZE		SAFETY CLASS:		3-1/8" DIRECTIONAL COUPLER 4-PORTS	
A3		NON-SC			
THIRD ANGLE PROJECTION		NO. OF SHOTS		DRAWING NUMBER	
		24		03	
		PSS 3 LEVELS		II/ICH/3-1/8" DC/4-PORTS/02	
				SHEET REVISION	
				V1_1	

1 2 3 4 5 6 7 8

A

A

B

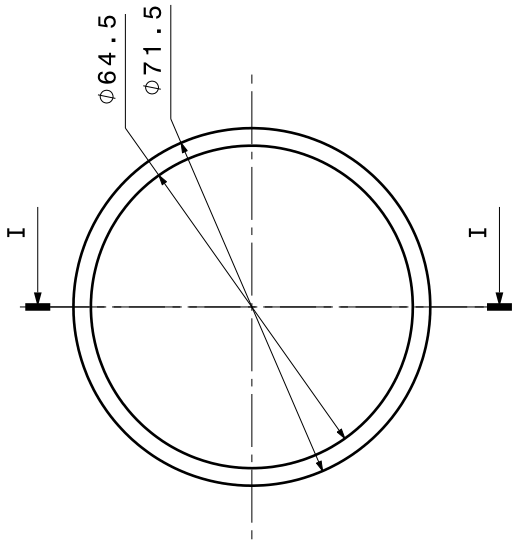
B

C

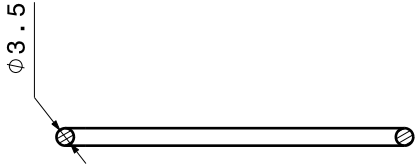
C

D

D



Front view
Scale: 1:1



Section view I-I
Scale: 1:1

MATERIAL:- RUBBER SILICON
QTY.:- 8

INDUS ID: 59UYNHD

RELEASED BY
ITER INDIA (IPR) GANDHINAGAR

APPROVED BY
AKHIL JHA

CHECKED BY
ROHIT ANAND

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DRAWING TITLE
3-1/8" DC_O RING

DRAWING NUMBER
3-1/8" DC_OC ASSEMBLY 4-PORTS

SHEET
05

REVISION
V1_1

REV DATE
02/12/2025

QUALITY CLASS:02

SHEET SIZE
A1

SCALE

SAFETY CLASS:
NONISC

THIRD ANGLE PROJECTION

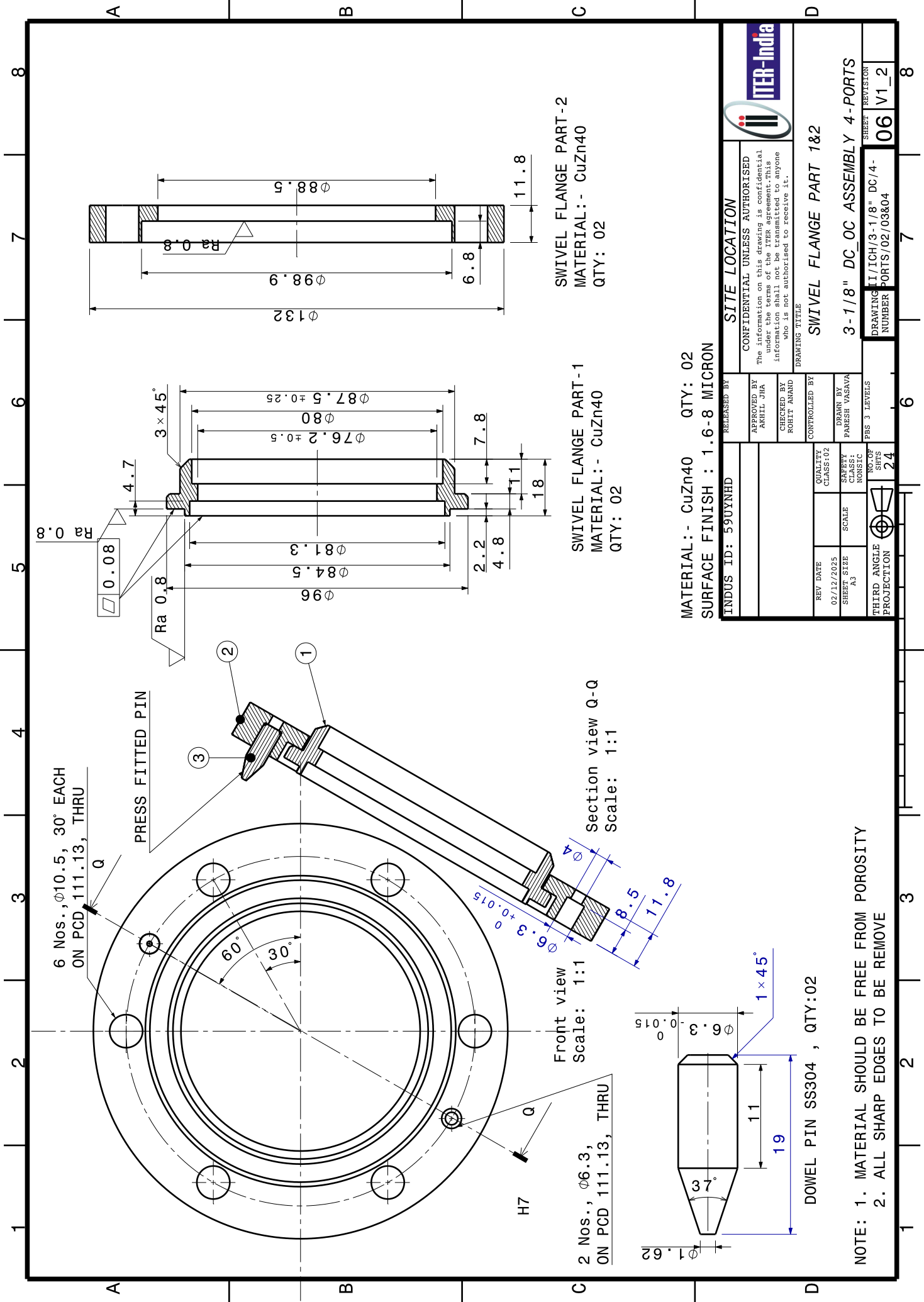
NO OF SHTS
24

PBS 3 LEVELS

DRAWING NUMBER
II/ICH/3-1/8" DC/4-PORTS/02/02

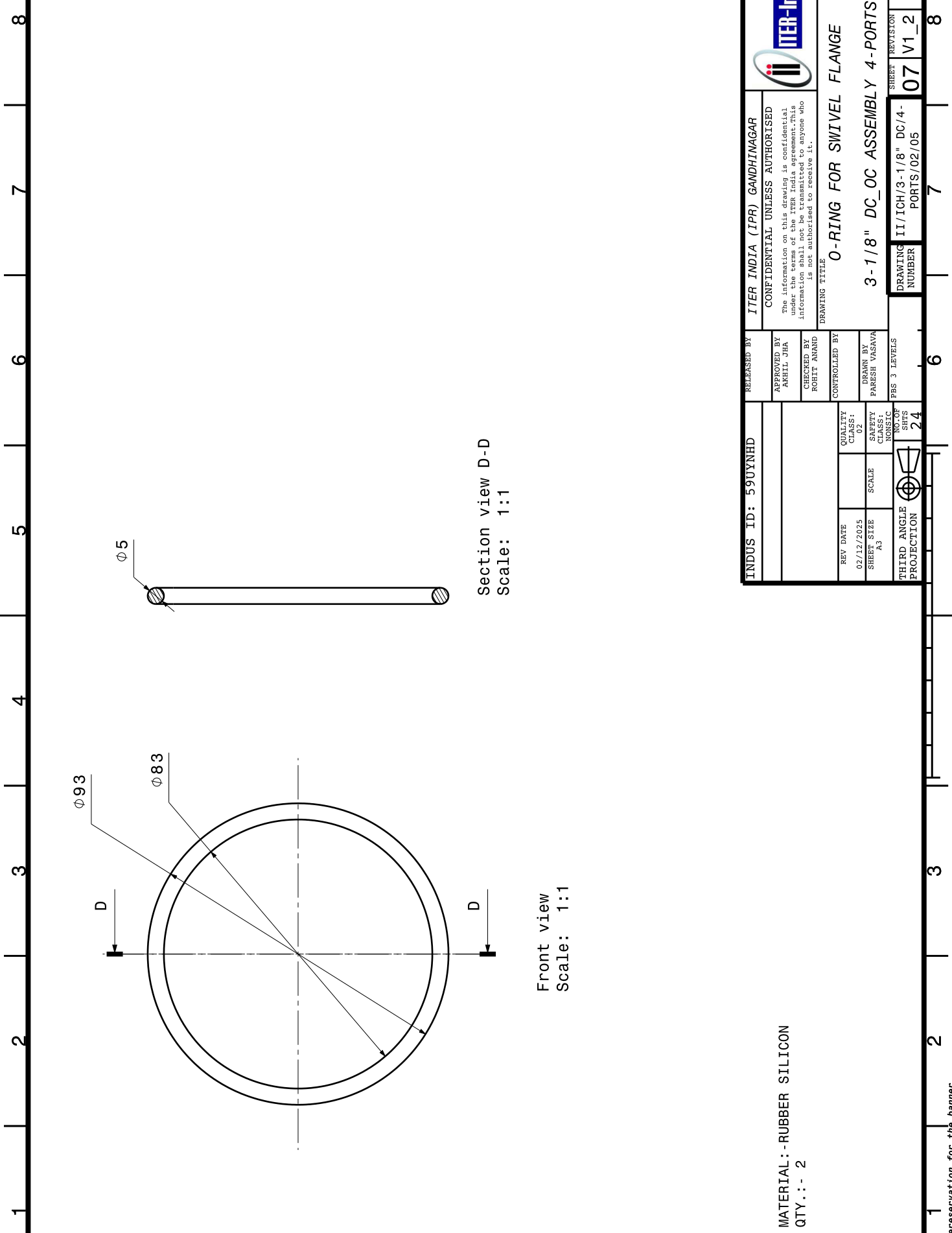
SHEET
05

REVISION
V1_1




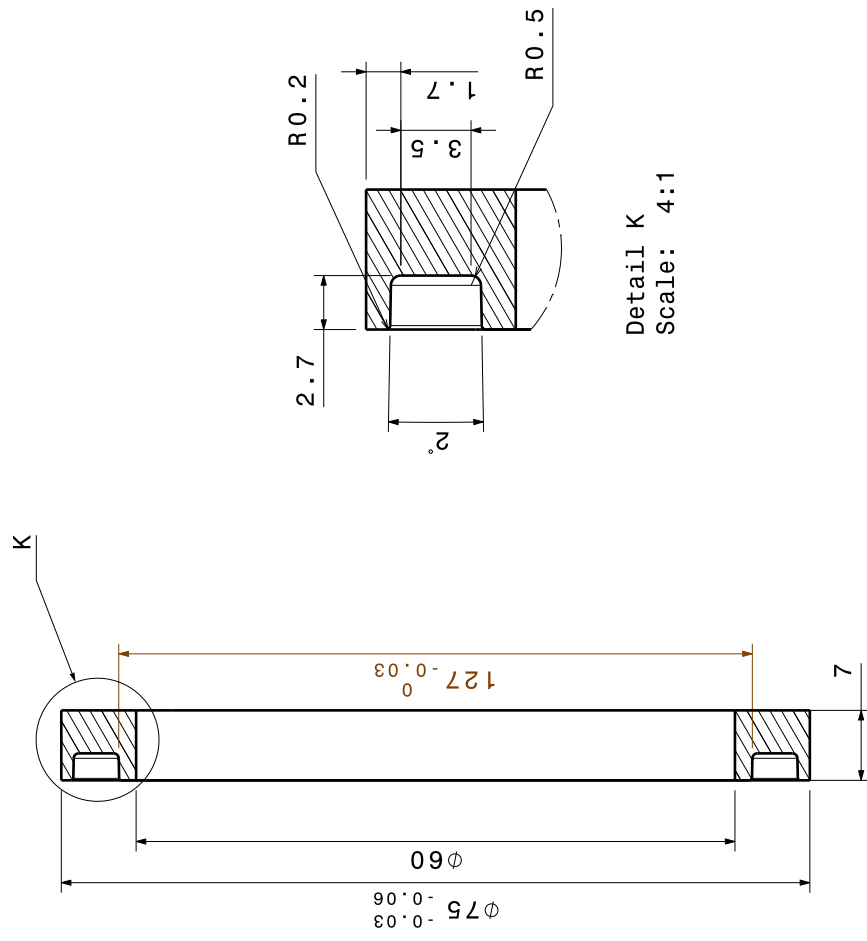
MATERIAL:- CuZn40 QTY: 02
SURFACE FINISH : 1.6-8 MICRON

INDUS ID: 59UYNHD		RELEASED BY		SITE LOCATION	
		APPROVED BY AKHIL JHA		CONFIDENTIAL UNLESS AUTHORISED 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.	
		CHECKED BY ROHIT ANAND			
		CONTROLLED BY		DRAWING TITLE	
REV DATE	QUALITY CLASS:02	SWIVEL FLANGE PART 1&2			
02/12/2025		3-1/8" DC_OC ASSEMBLY 4-PORTS			
SHEET SIZE A3	SCALE				
THIRD ANGLE PROJECTION		PBS 3 LEVELS		DRAWING NUMBER	
				ITER-India	
				SHEET REVISION	
				06 V1_2	

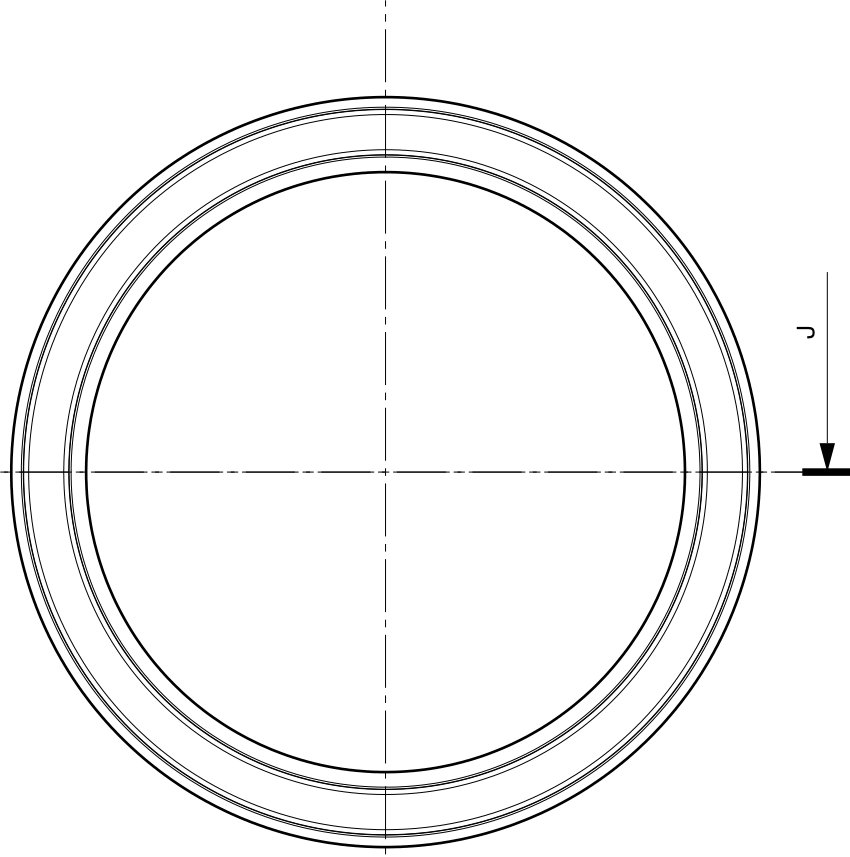


MATERIAL:- RUBBER SILICON
QTY.:- 2

INDUS ID: 59UYNHD		RELEASED BY		ITER INDIA (IPR) GANDHINAGAR		 ITER-India	
		APPROVED 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.	
		AKHIL JHA					
		CHECKED BY					



Section view J-J
Scale: 2:1




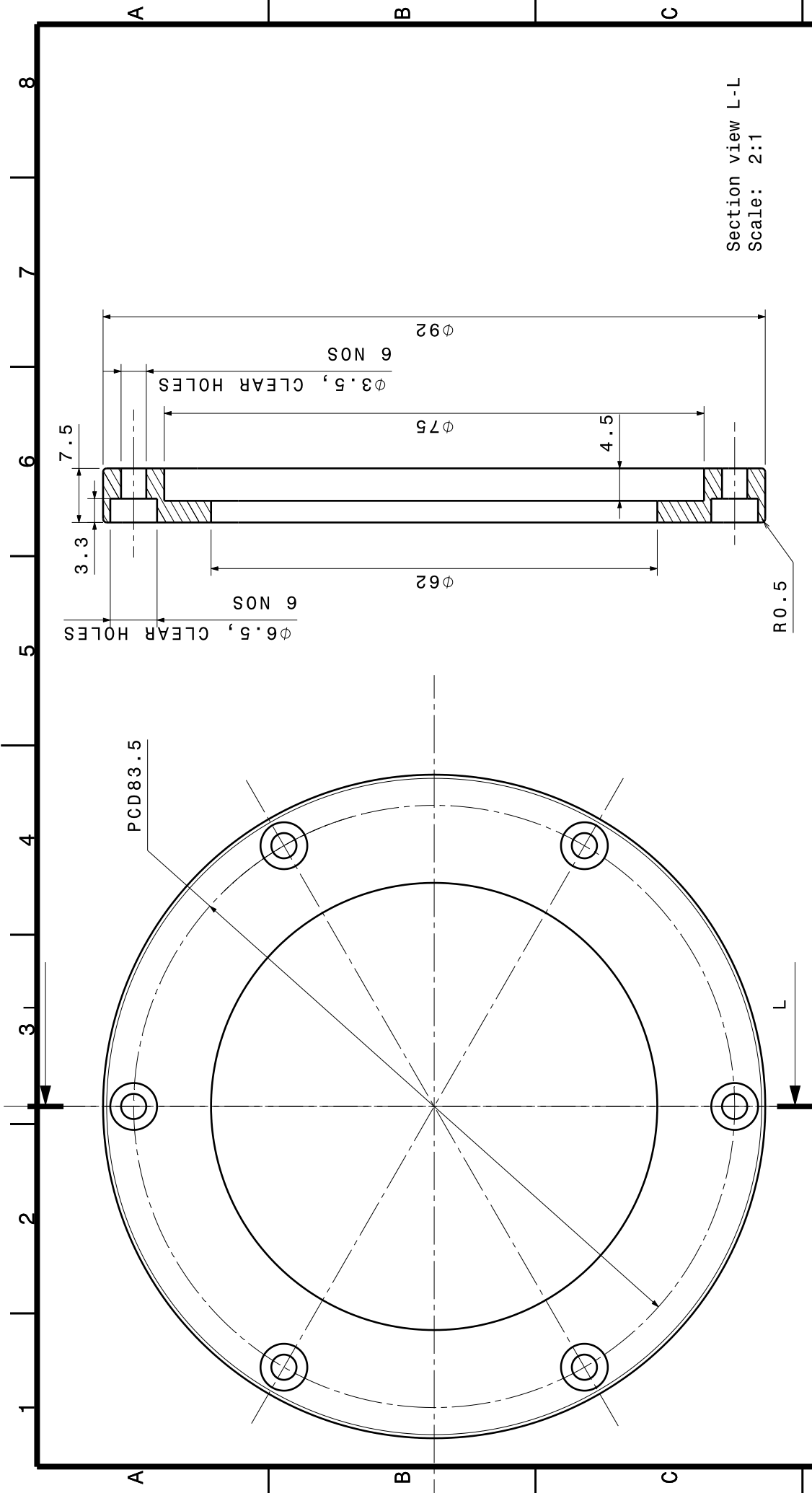
Front view
Scale: 2:1

MATERIAL: IS/ISO CuZn40
QTY.: - 4

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

INDUS ID: 59UYNHD		RELEASED BY		ITER INDIA (IPR) GANDHINAGAR	
		APPROVED BY AKHIL JHA		CONFIDENTIAL UNLESS AUTHORISED	
		CHECKED BY ROHIT ANAND		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.	
		CONTROLLED BY		DRAWING TITLE	
REV DATE		QUALITY CLASS:		PRESSURISATION RING	
02/12/2025		D		3-1/8" DC OC ASSEMBLY 4-PORTS	
SHEET SIZE A3		SCALE		SHEET#	
		CLASS:		REVISION	
		NON-FC		08 V1_2	
THIRD ANGLE PROJECTION		PBS 3 LEVELS		DRAWING NUMBER	
		SITS		II/ICH/3-1/8"DC/4-PORTS/02/06	
24					



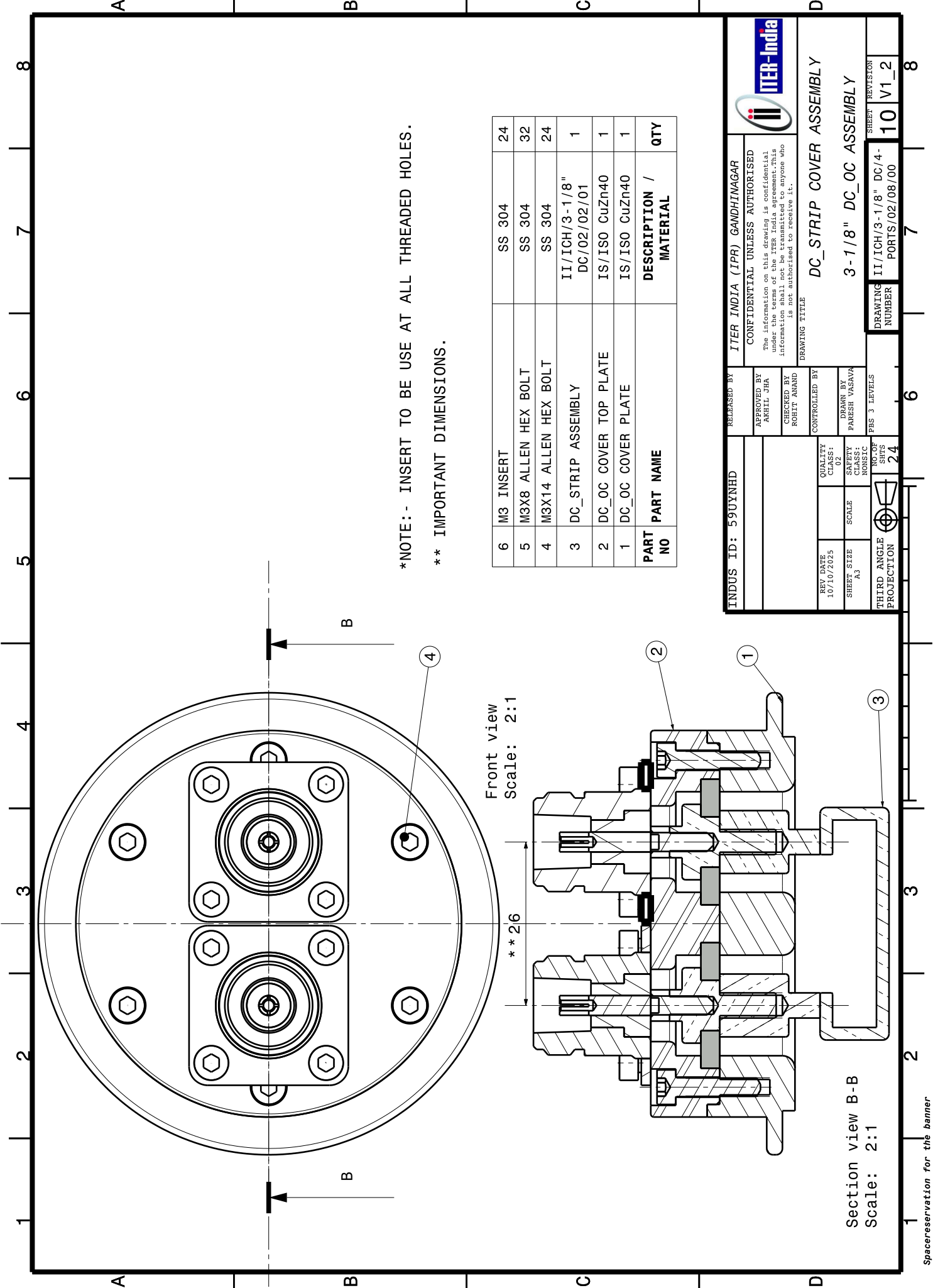
Front view
Scale: 2:1

MATERIAL: IS/ISO CuZn40
QTY.:- 4

- NOTE:
- 1.ALL THREADS INSERT TO BE USED
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Section view L-L
Scale: 2:1

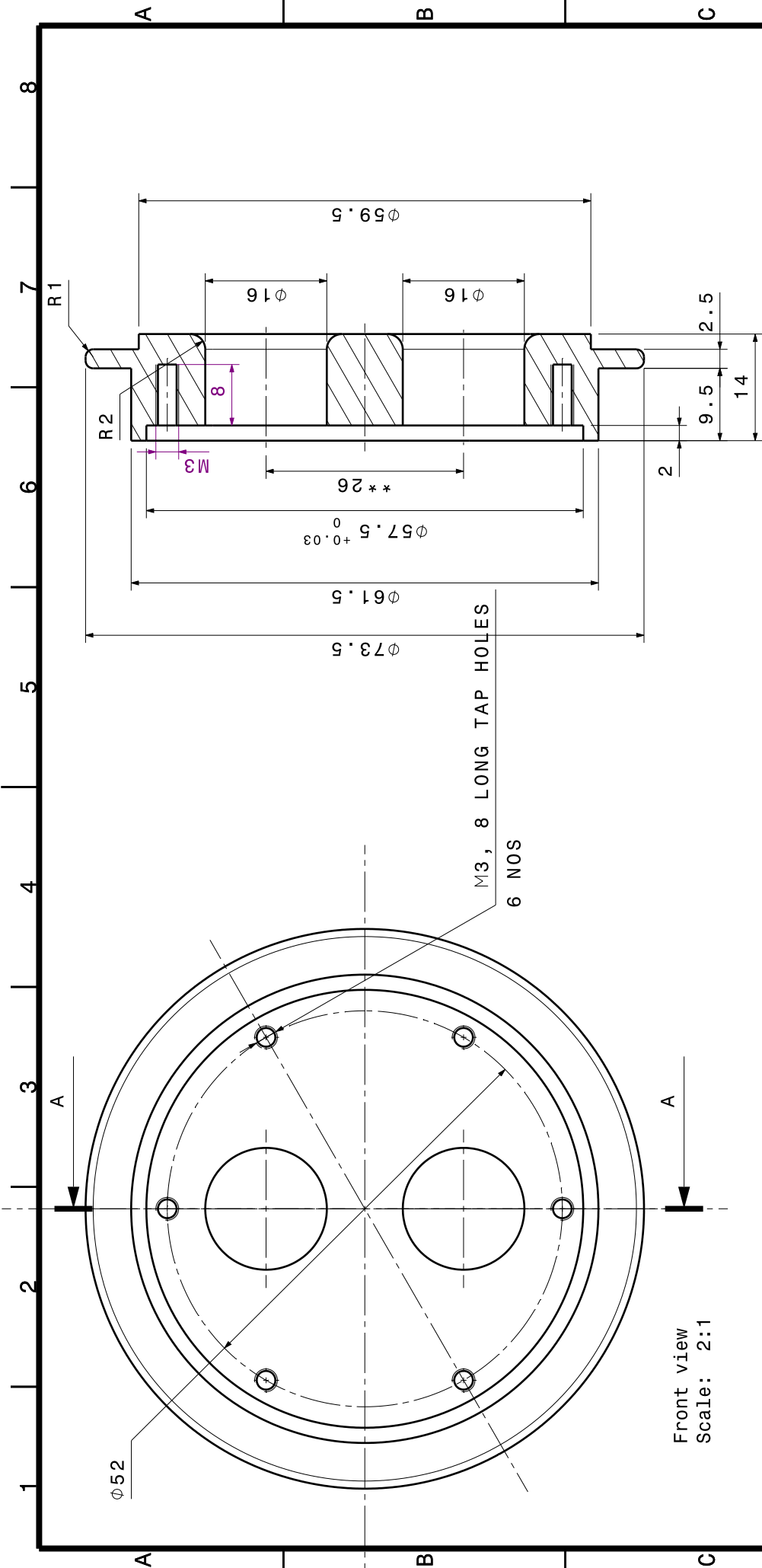
INDUS ID: 59UYNHD		RELEASED BY ITER INDIA (IPR) GANDHINAGAR	
		CONFIDENTIAL UNLESS AUTHORISED The information on this drawing is confidential under the terms of the ITER India agreement. This information shall not be transmitted to anyone who is not authorised to receive it.	
		DRAWING TITLE BOSS COVER	
		3-1/8" DC_OC ASSEMBLY 4-PORTS	
		DRAWING NUMBER II/ICH/3-1/8"DC/4-PORTS/02/07	
		SHEET REVISION 09 V1_2	
REV DATE 02/12/2025		APPROVED BY AKHIL JHA	
SHEET SIZE A1		CHECKED BY ROHIT ANAND	
SCALE		CONTROLLED BY	
THIRD ANGLE PROJECTION		DRAWN BY PARESH VASAVA	
NO. OF SHTS 24		PBS 3 LEVELS	



*NOTE:- INSERT TO BE USE AT ALL THREADED HOLES.
** IMPORTANT DIMENSIONS.

6	M3 INSERT	SS 304	24
5	M3X8 ALLEN HEX BOLT	SS 304	32
4	M3X14 ALLEN HEX BOLT	SS 304	24
3	DC_STRIP ASSEMBLY	II/ICH/3-1/8" DC/02/02/01	1
2	DC_OC COVER TOP PLATE	IS/ISO CuZn40	1
1	DC_OC COVER PLATE	IS/ISO CuZn40	1
PART NO	PART NAME	DESCRIPTION / MATERIAL	QTY

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 authorised to receive it.	
		CHECKED BY ROHIT ANAND		DRAWING TITLE DC_STRIP COVER ASSEMBLY	
		CONTROLLED BY		3-1/8" DC_OC ASSEMBLY	
REV DATE 10/10/2025	QUALITY CLASS: CLASS 1	DRAWN BY PARESH VASAVA		SHEET REVISION 10 V1_2	
SHEET SIZE A3	SCALE	PBS 3 LEVELS		DRAWING NUMBER DC/4-PORTS/02/08/00	
THIRD ANGLE PROJECTION	NO OF SHTS 24				

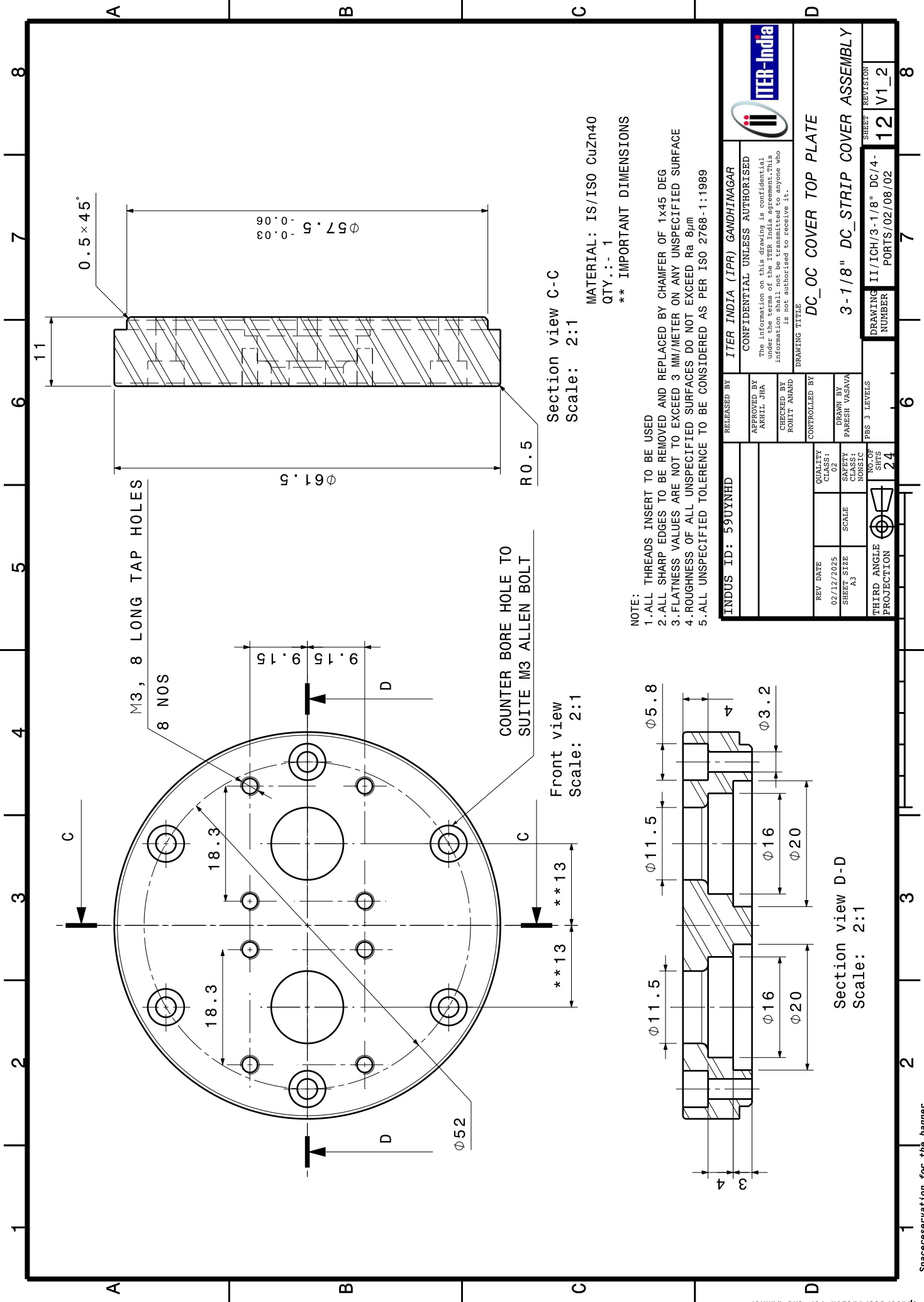


Section view A-A
Scale: 2:1

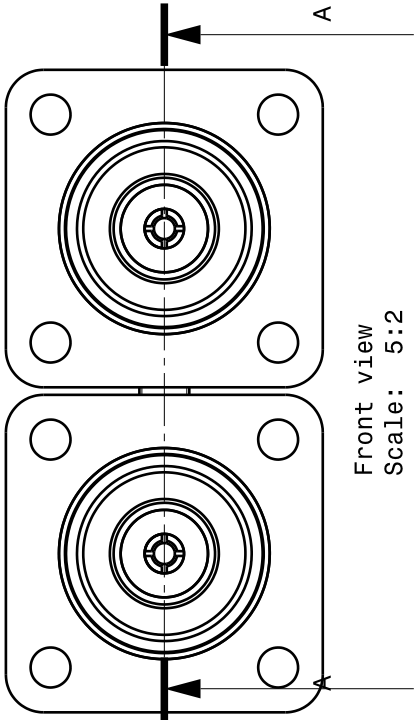
MATERIAL: IS/ISO CuZn40
QTY.:- 1
** IMPORTANT DIMENSIONS

- 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 8 μ m
 - 5.ALL UNSPECIFIED TOLERANCE TO BE CONSIDERED AS PER ISO 2768-1:1989

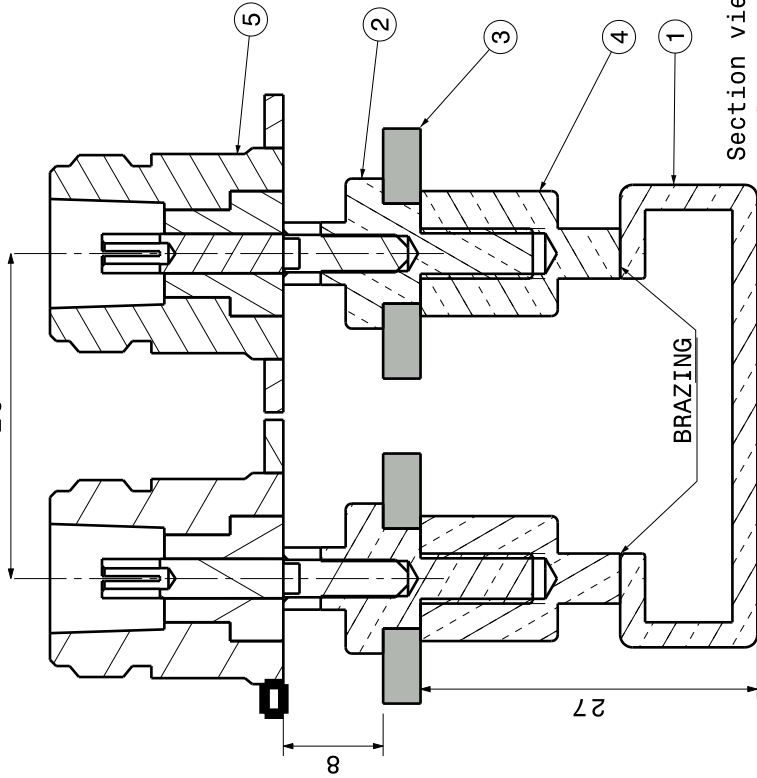
INDUS ID: 59UYNHD		RELEASED BY ITER INDIA (IPR) GANDHINAGAR	
		CONFIDENTIAL UNLESS AUTHORISED The information on this drawing is confidential under the terms of the ITER India agreement. This information shall not be transmitted to anyone who is not authorised to receive it.	
		DRAWING TITLE DC_OC COVER PLATE	
		3-1/8" DC_STRIP COVER ASSEMBLY	
REV DATE 02/12/2025		DRAWING NUMBER II/ICH/3-1/8" DC/4-PORTS/02/08/01	
SHEET SIZE A3		SHEET REVISION 11 V1_2	
THIRD ANGLE PROJECTION		SHEET REVISION 11 V1_2	
NO. OF SHTS 24		SHEET REVISION 11 V1_2	
QUALITY CLASS: Q2		SHEET REVISION 11 V1_2	
SCALE AS		SHEET REVISION 11 V1_2	
PDS 3 LEVELS		SHEET REVISION 11 V1_2	
DRAWN BY PARESH VASAVA		SHEET REVISION 11 V1_2	
CHECKED BY ROHIT ANAND		SHEET REVISION 11 V1_2	
APPROVED BY AKHIL JHA		SHEET REVISION 11 V1_2	
		SHEET REVISION 11 V1_2	



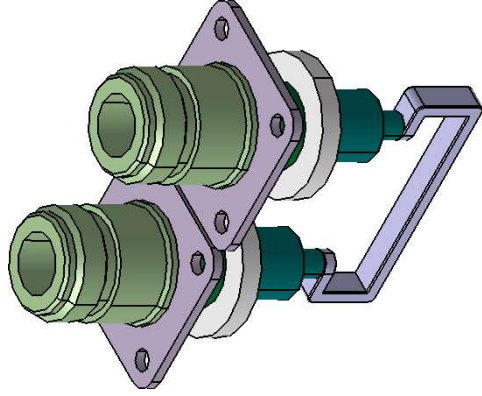
INDUS ID: 59UYNHD		RELEASED BY ITER INDIA (IPR) GANDHINAGAR	
REV DATE 02/12/2025		APPROVED BY AKHIL JHA	
SHEET SIZE A3		CHECKED BY ROHIT ANAND	
SCALE AS		CONTROLLED BY	
THIRD ANGLE PROJECTION		DRAWN BY PARESH VASAVA	
NO. OF SHTS 24		PDS 3 LEVELS	
QUALITY CLASS: 02/12/2025		CONFIDENTIAL UNLESS AUTHORISED	
SHEET CLASS: NON-ISC		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.	
DTP		DRAWING TITLE	
DC_OC COVER TOP PLATE		ITER-India	
3-1/8" DC_STRIP COVER ASSEMBLY		SHEET REVISION	
II/ICH/3-1/8" DC/4-		12 V1_2	
PORTS/02/08/02		12 V1_2	



Front view
Scale: 5:2



Section view A-A
Scale: 5:2

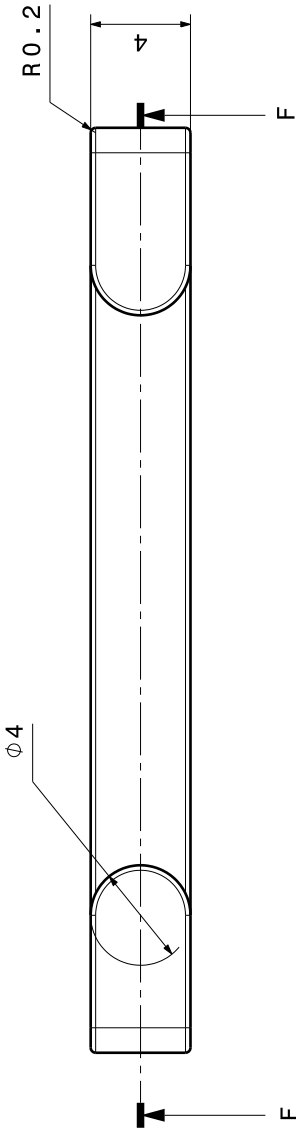


Isometric view
Scale: 3:2

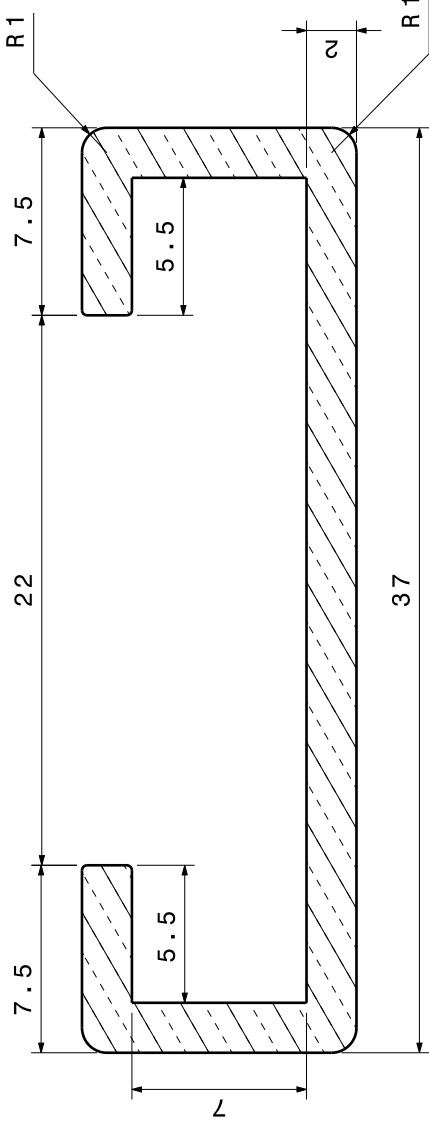
** IMPORTANT DIMENSIONS.

5	CONNECTOR	STD	2
4	CONNECTOR COPPER PIN FEMALE	ETP COPPER	2
3	TEFLON HOLDER RING	TEFLON	2
2	CONNECTOR COPPER PIN	ETP COPPER	2
1	COPPER STRIP	ETP COPPER	1
PART NO	PART NAME	DESCRIPTION / MATERIAL	QTY

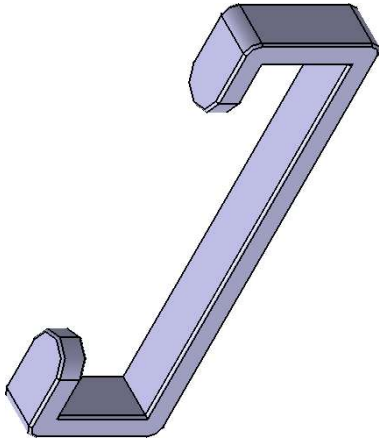
INDUS ID: 59UYNHD		RELEASED BY ITER INDIA (IPR) GANDHINAGAR		ITER-India	
		APPROVED BY AKHIL JHA		CONFIDENTIAL UNLESS AUTHORISED The information on this drawing is confidential under the terms of the ITER India agreement. This information shall not be transmitted to anyone who is not authorised to receive it.	
		CHECKED BY ROHIT ANAND		DRAWING TITLE DC_STRIP ASSEMBLY	
		CONTROLLED BY			
REV DATE 02/12/2025		QUALITY CLASS: CLASS 1		DRAWN BY PARSH VASAVA	
SHEET SIZE A1		SCALE		PBS 3 LEVELS	
THIRD ANGLE PROJECTION		NO. OF SHOTS 24		DRAWING NUMBER II/ICH/3-1/8" DC/4-PORTS/02/08/03/00	
				SHEET REVISION 13 V1_2	



Front view
Scale: 5:1



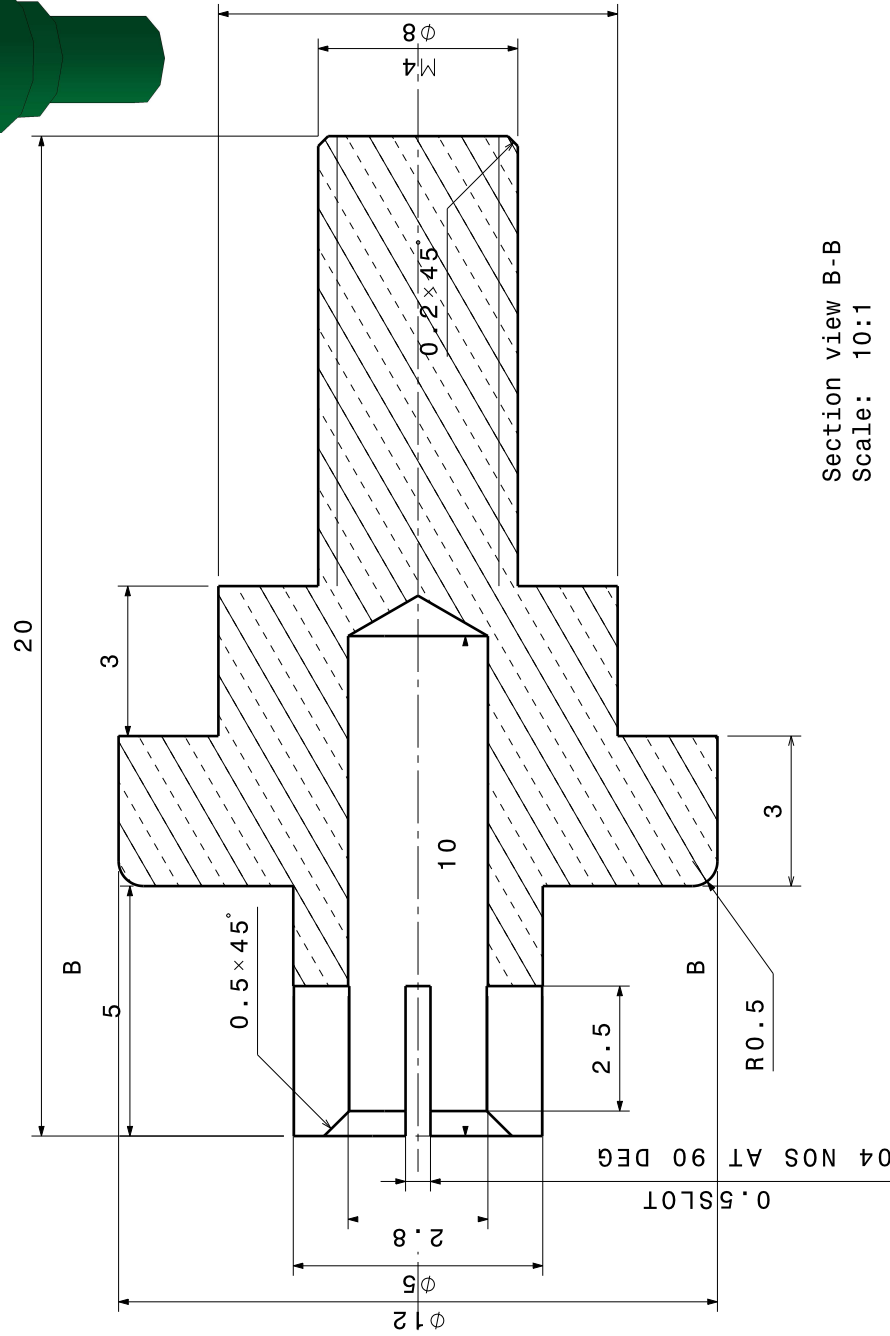
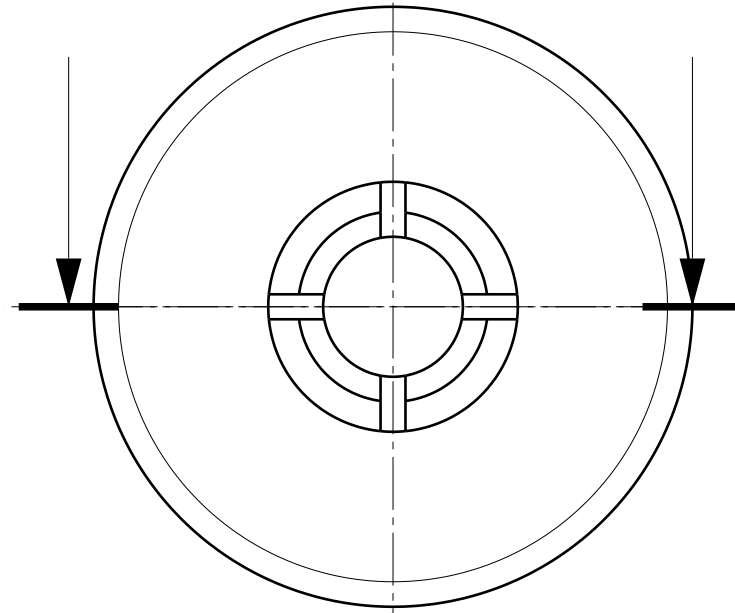
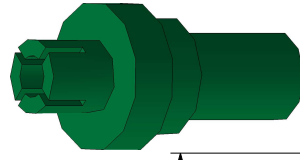
Section view F-F
Scale: 5:1



Isometric view
Scale: 3:1

- 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

INDUS ID: 59UYNHD		RELEASED BY ITER INDIA (IPR) GANDHINAGAR		ITER-India	
		APPROVED BY AKHIL JHA		CONFIDENTIAL UNLESS AUTHORISED	
		CHECKED BY ROHIT ANAND		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.	
		CONTROLLED BY		DRAWING TITLE	
REV DATE 02/12/2025		DRAWN BY PARESH VASAVA		COPPER STRIP	
SHEET SIZE A3		PBS 3 LEVELS		3 - 1/8" DC_STRIP ASSEMBLY	
THIRD ANGLE PROJECTION		NO. OF SHOTS 24		II/ICH/3-1/8" DC/4-PORTS/02/08/03/01	
				DRAWING NUMBER	
				SHEET REVISION	
				14 V1_2	




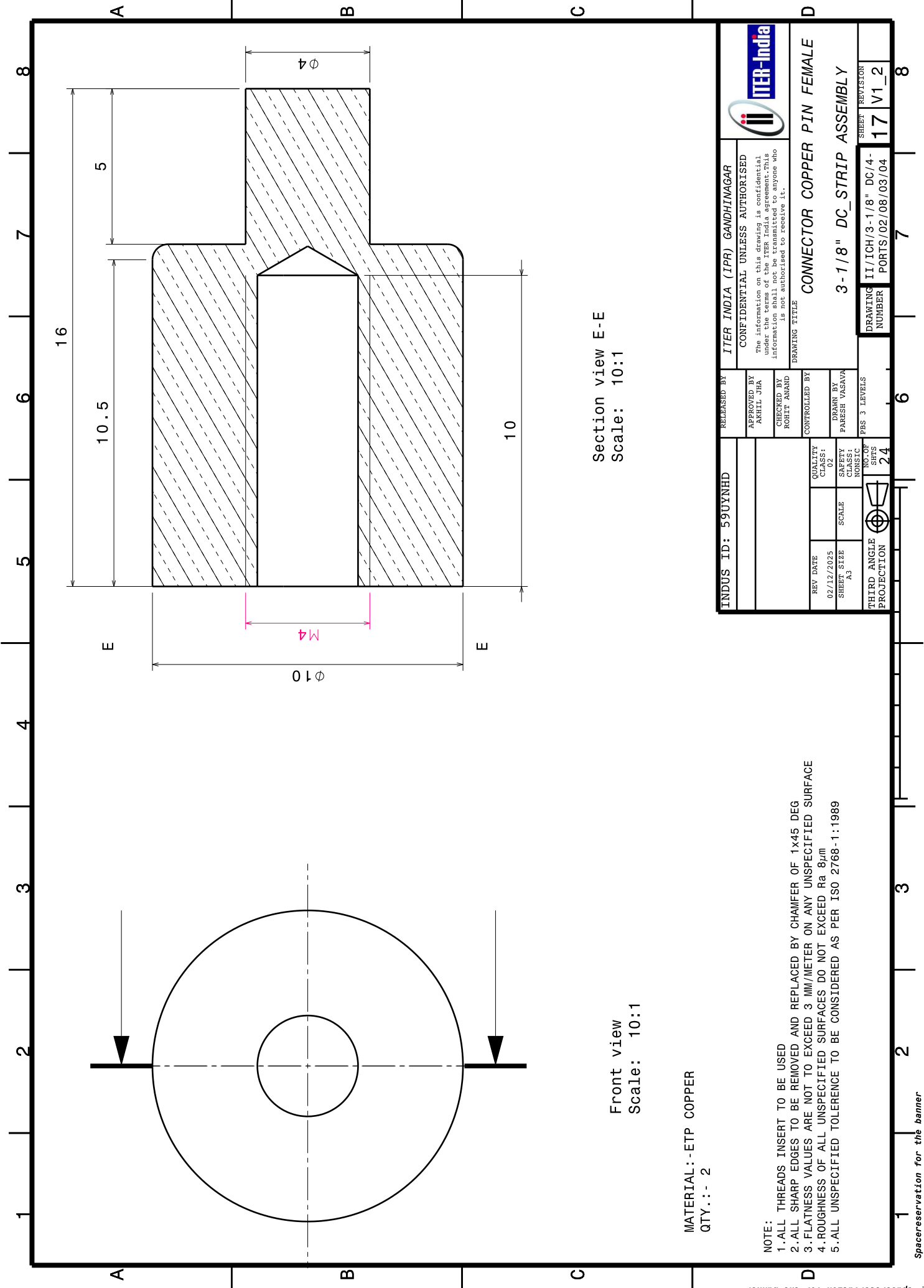
Section view B-B
Scale: 10:1

MATERIAL:-ETP COPPER
QTY.:- 2

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 8_{µm}
5. ALL UNSPECIFIED TOLERANCE TO BE CONSIDERED AS PER ISO 2768-1:1989

INDUS ID: 59UYNHD		RELEASED BY		ITER INDIA (IPR) GANDHINAGAR		ITER-India	
		APPROVED BY AKHIL JHA		CONFIDENTIAL UNLESS AUTHORISED			
		CHECKED BY KOHIT ANAND		The information on this drawing is confidential and is to be controlled by the company. This information shall not be transmitted to anyone who is not authorised to receive it.			
		CONTROLLED BY		DRAWING TITLE			
REV DATE		QUALITY CLASS: 02		CONNECTOR COPPER PIN			
SHEET SIZE A3		SCALE		3-1/8" DC STRIP ASSEMBLY			
THIRD ANGLE PROJECTION		NO-OF SITS		PDS 3 LEVELS		DRAWING NUMBER	
		24		15		V1_2	
				SHEET		REVISION	



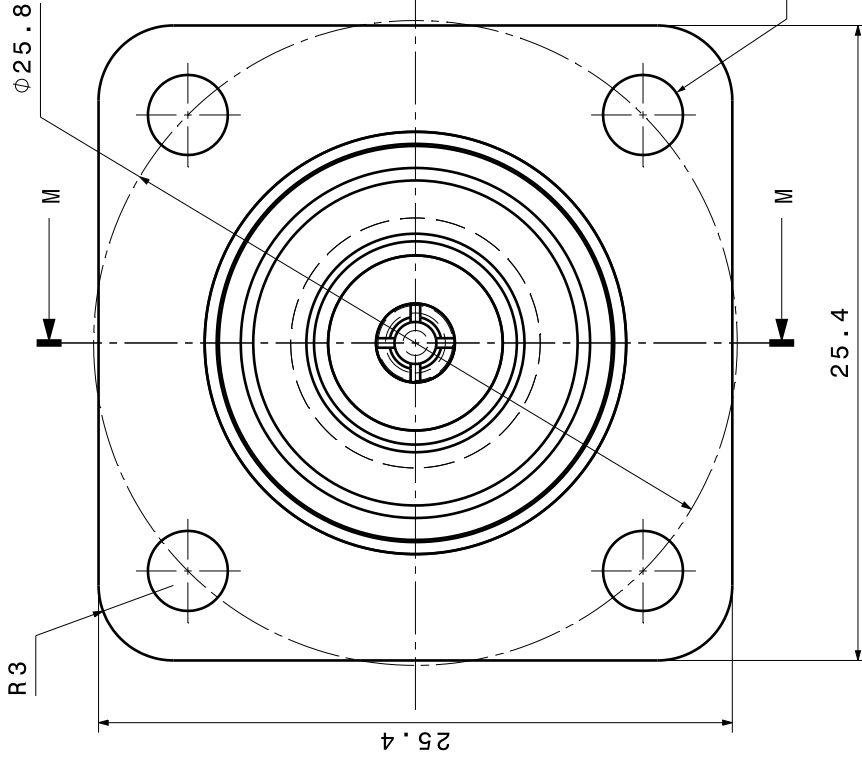
Section view E-E
Scale: 10:1

Front view
Scale: 10:1

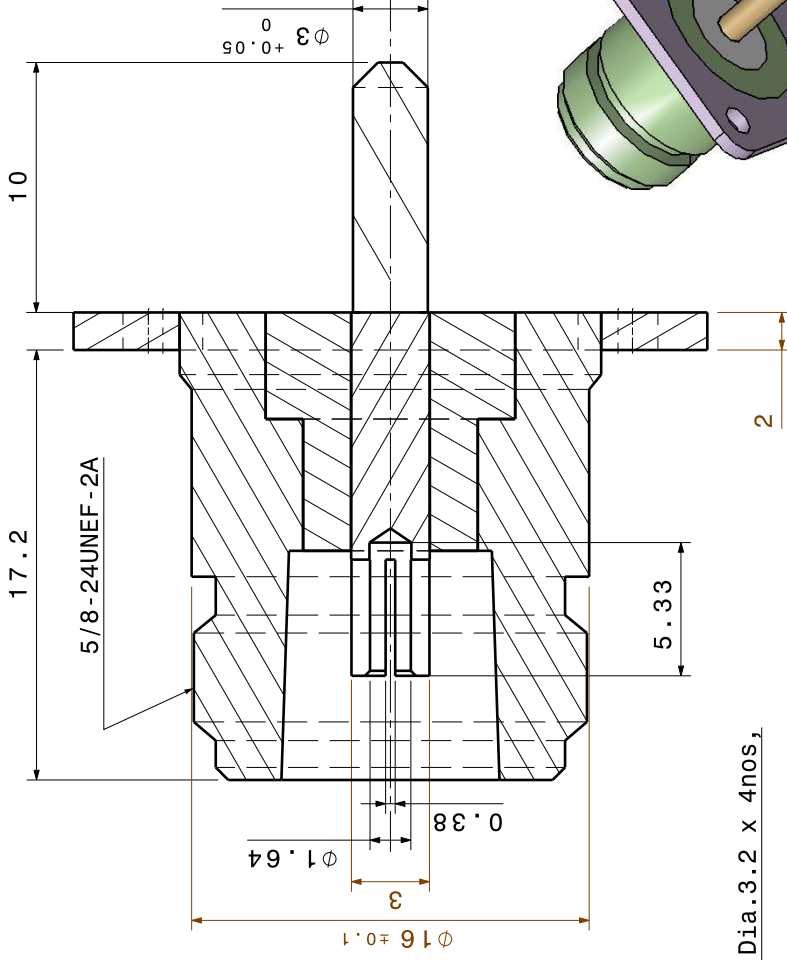
MATERIAL:-ETP COPPER
QTY.:- 2

- 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

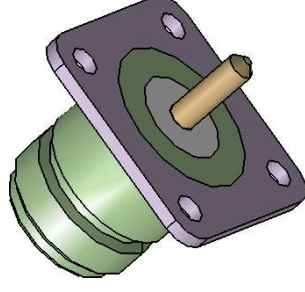
INDUS ID: 59UYNHD		RELEASED BY ITER INDIA (IPR) GANDHINAGAR		ITER-India	
		APPROVED BY AKHIL JHA		CONFIDENTIAL UNLESS AUTHORISED	
		CHECKED BY ROHIT ANAND		The information on this drawing is confidential under the terms of the ITER India agreement. This information shall not be transmitted to anyone who is not authorised to receive it.	
		CONTROLLED BY		DRAWING TITLE	
REV DATE 02/12/2025		QUALITY CLASS: Q2		CONNECTOR COPPER PIN FEMALE	
SHEET SIZE A1		SCALE		3-1/8" DC_STRIP ASSEMBLY	
THIRD ANGLE PROJECTION		NO OF SHTS 24		ITER INDIA (IPR) GANDHINAGAR	
		PBS 3 LEVELS		DRAWING NUMBER	
		II/ICH/3-1/8" DC/4-PORTS/02/08/03/04		SHEET REVISION	
				17 V1_2	



Front view
Scale: 5:1



Section view M-M
Scale: 5:1



Isometric view
Scale: 2:1

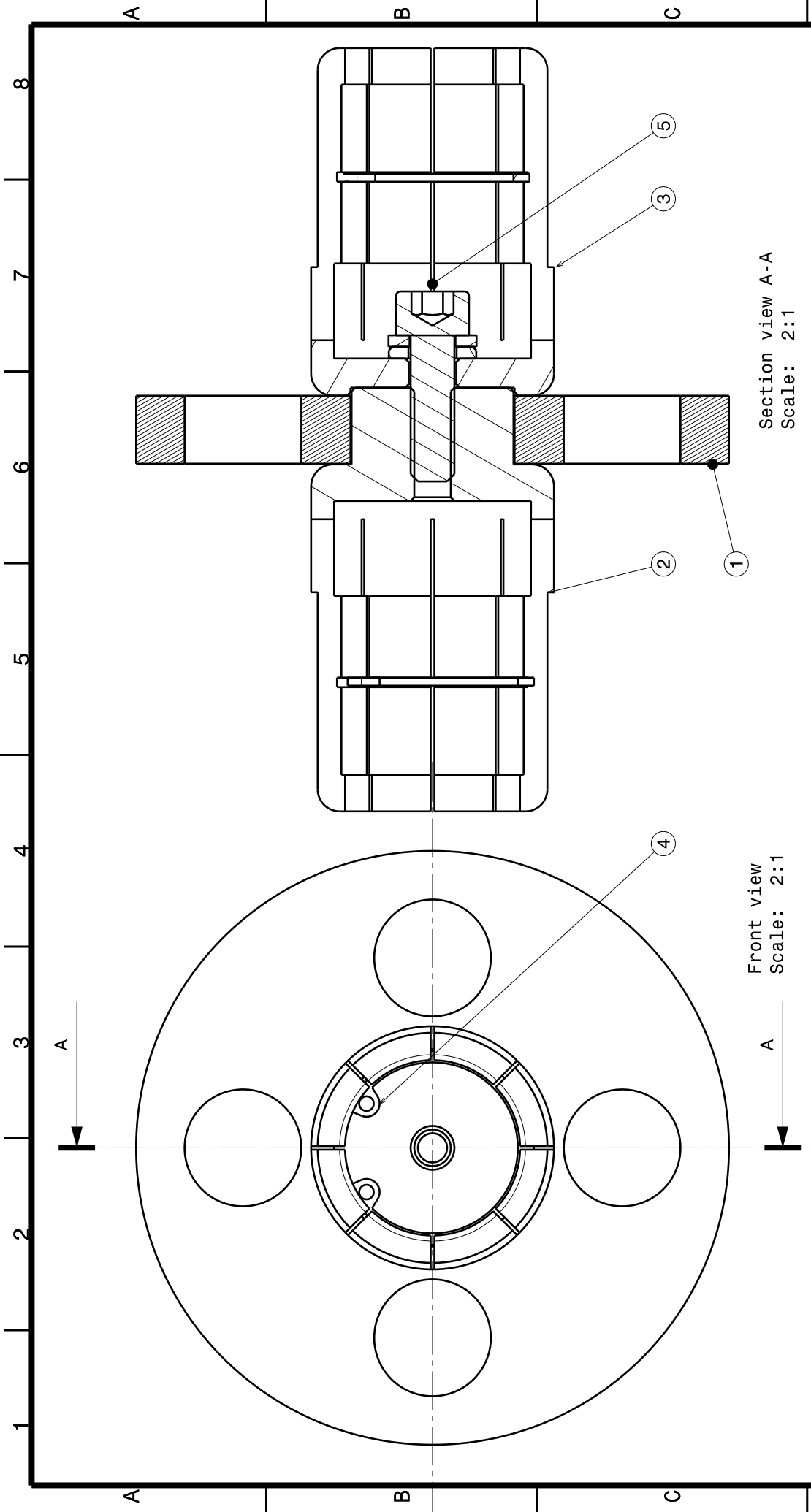
MATERIAL/DESCRIPTION :- STANDARD
QTY. :- 2

FLANGE MOUNT REFERENCE: AMPHENOL PART NO: 172173

NOTE: BRASS BODY WITH NICKE PLATING
CENTER CONTACT PHOSPHOR BRONZE
INSULATOR MATERIAL IS TEFLON

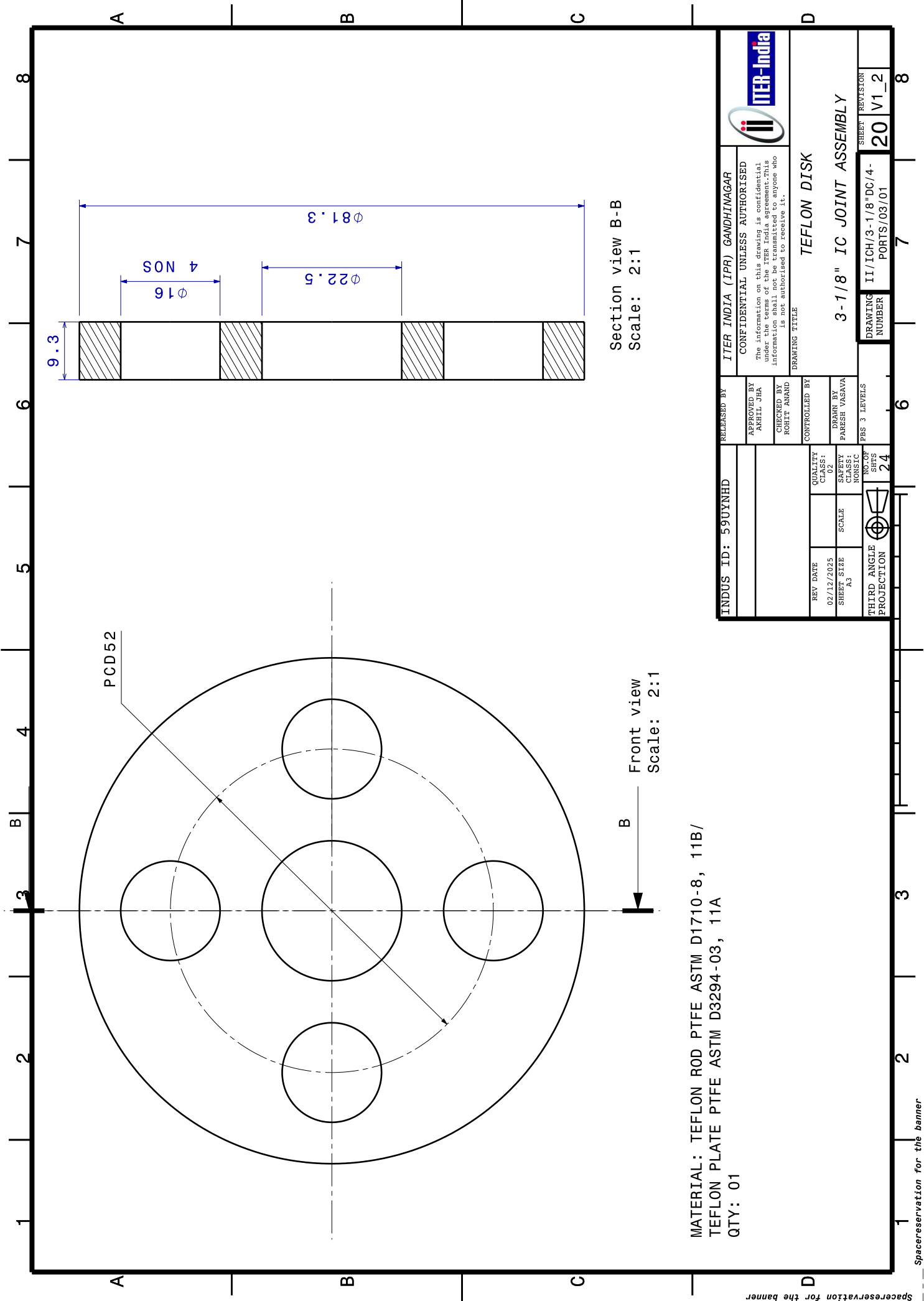
INDUS ID: 59UYNHD		RELEASED BY	ITER INDIA (IPR) GANDHINAGAR
		APPROVED BY	CONFIDENTIAL UNLESS AUTHORISED
		The information on this drawing is confidential under the terms of the ITER India agreement. This information shall not be transmitted to anyone who is not authorised to receive it.	
		CHECKED BY	ITER-India
		ROHIT ANAND	
		CONTROLLED BY	
		DRAWN BY	
		PARESH VASAVA	
		PBS 3 LEVELS	
		NO. OF SHTS	24
		THIRD ANGLE PROJECTION	
		REV DATE	02/12/2025
		CLASS	NONISC
		SHEET SIZE	A1
		SCALE	
		QUALITY	

ITER INDIA (IPR) GANDHINAGAR		FLANGE MOUNT TYPE N-CONNECTOR	
CONFIDENTIAL UNLESS AUTHORISED		3-1/8" DC_STRIP ASSEMBLY	
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.		DRAWING TITLE	
DRAWING NUMBER		SHEET REVISION	
18		V1_2	
PORTS/02/08/03/05		DC/4-	
II/ICH/3-1/8"		18	

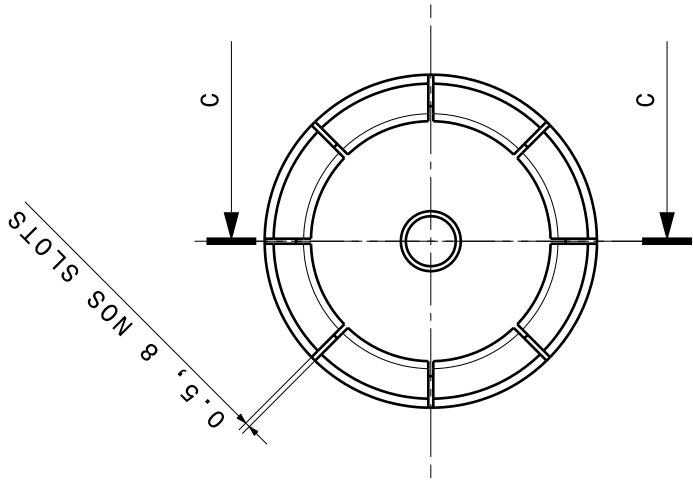


5	M6X30L CAP SCREW AND WASHER	SS 304	1
4	CIRCLIP	SS 304	2
3	IC JOINT FEMALE	IS/ISO CuZn40	1
2	IC JOINT MALE	IS/ISO CuZn40	1
1	TEFLON DISK	TEFLON	1
PART NO	PART NAME	DESCRIPTION / MATERIAL	QTY

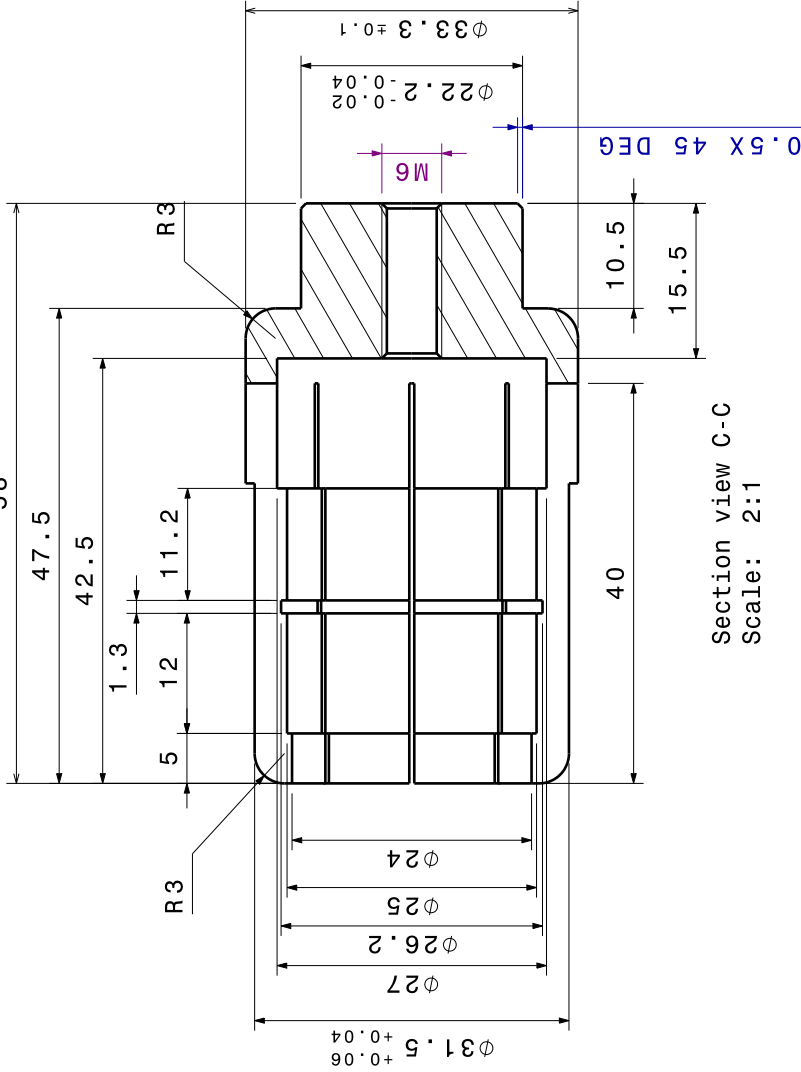
INDUS ID: 59UYNHD		RELEASED BY ITER INDIA (IPR) GANDHINAGAR		CONFIDENTIAL UNLESS AUTHORISED	
		APPROVED BY ANHEL JHA		The information on this drawing is confidential under the terms of the ITER India agreement. This information shall not be transmitted to anyone who is not authorised to receive it.	
		CHECKED BY ROHIT ANAND		DRAWING TITLE 3-1/8" INCH IC JOINT ASSEMBLY	
		CONTROLLED BY		3-1/8" DIRECTIONAL COUPLER 4-PORTS	
REV DATE 02/12/2025		QUALITY CLASS:02		SHEET REVISION 19 V1_2	
SHEET SIZE A3		SCALE		DRAWING NUMBER II/ICH/3-1/8"DC/4-PORTS/03700	
THIRD ANGLE PROJECTION		NO OF SHTS 24		ITER-India	



INDUS ID: 59UYNHD		RELEASED BY ITER INDIA (IPR) GANDHINAGAR		ITER-India	
		APPROVED BY AKHIL JHA		CONFIDENTIAL UNLESS AUTHORISED	
		CHECKED BY ROHIT ANAND		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.	
		CONTROLLED BY		DRAWING TITLE	
REV DATE 02/12/2025		QUALITY CLASS:		TEFLON DISK	
SHEET SIZE A1		SCALE		3 - 1/8" IC JOINT ASSEMBLY	
THIRD ANGLE PROJECTION		NO. OF SHTS		PBS 3 LEVELS	
				DRAWING NUMBER	
				II/ICH/3-1/8"DC/4-PORTS/03/01	
				SHEET REVISION	
				20 V1_2	



Front view
Scale: 2:1



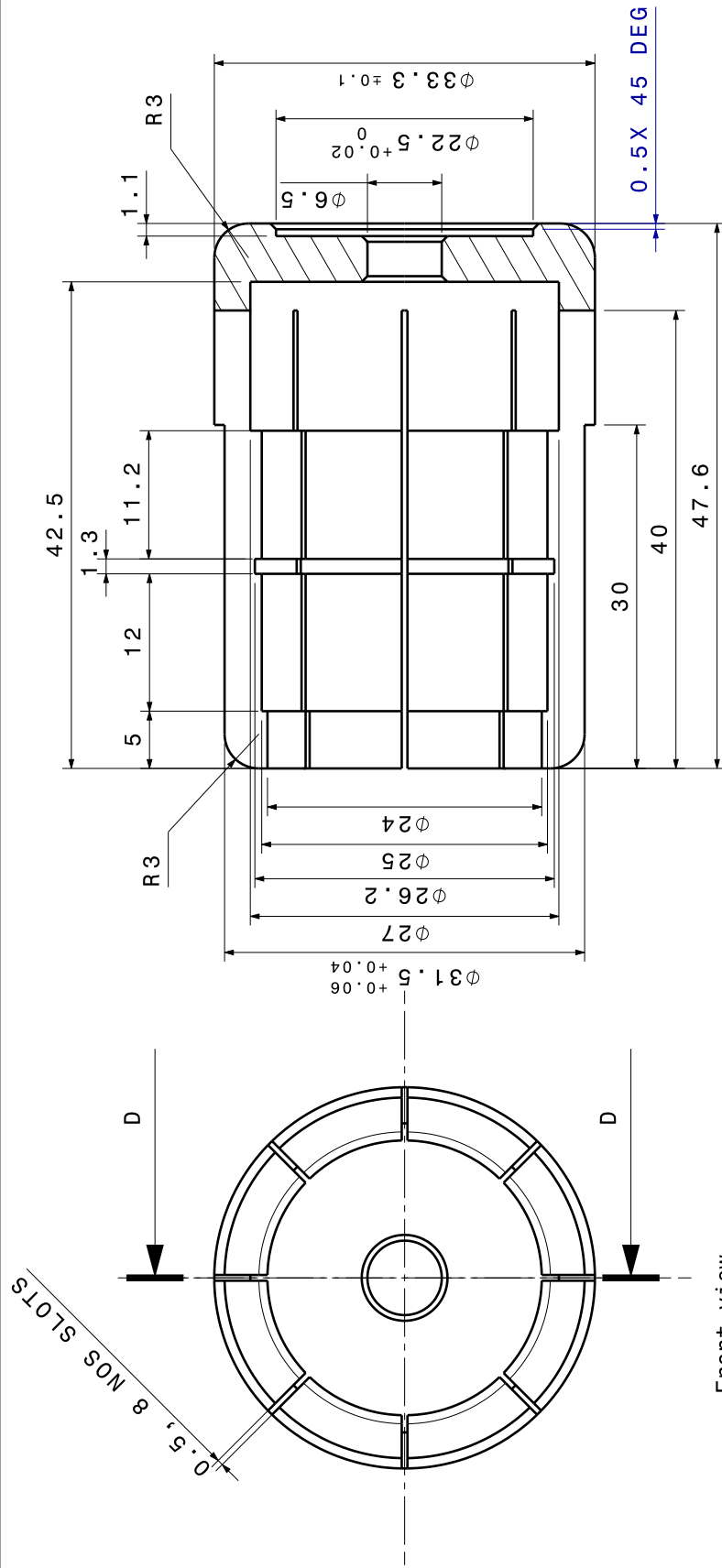
Section view C-C
Scale: 2:1

MATERIAL : IS/ISO CuZn40
QTY: 02

NOTE: FULL BODY SILVER PLATING (Cu:5 MICRON + Ag:20 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

INDUS ID: 59UYNHD		RELEASED BY ITER INDIA (IPR) GANDHINAGAR	
		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.	
		DRAWING TITLE IC JOINT MALE	
		3-1/8" IC JOINT ASSEMBLY	
		DRAWING NUMBER II/ICH/3-1/8"DC/4-PORTS/03/02	
		SHEET REVISION 21 V1_2	
		PBS 3 LEVELS	
		REV DATE 02/12/2025	
		SHEET SIZE A3	
		SCALE	
		QUALITY CLASS: 2	
		SHEET CLASS: NONISC	
		THIRD ANGLE PROJECTION	
		NO. OF SHEETS 24	





Section view D-D
Scale: 5:2

MATERIAL : IS/ISO CuZn40
QTY: 01

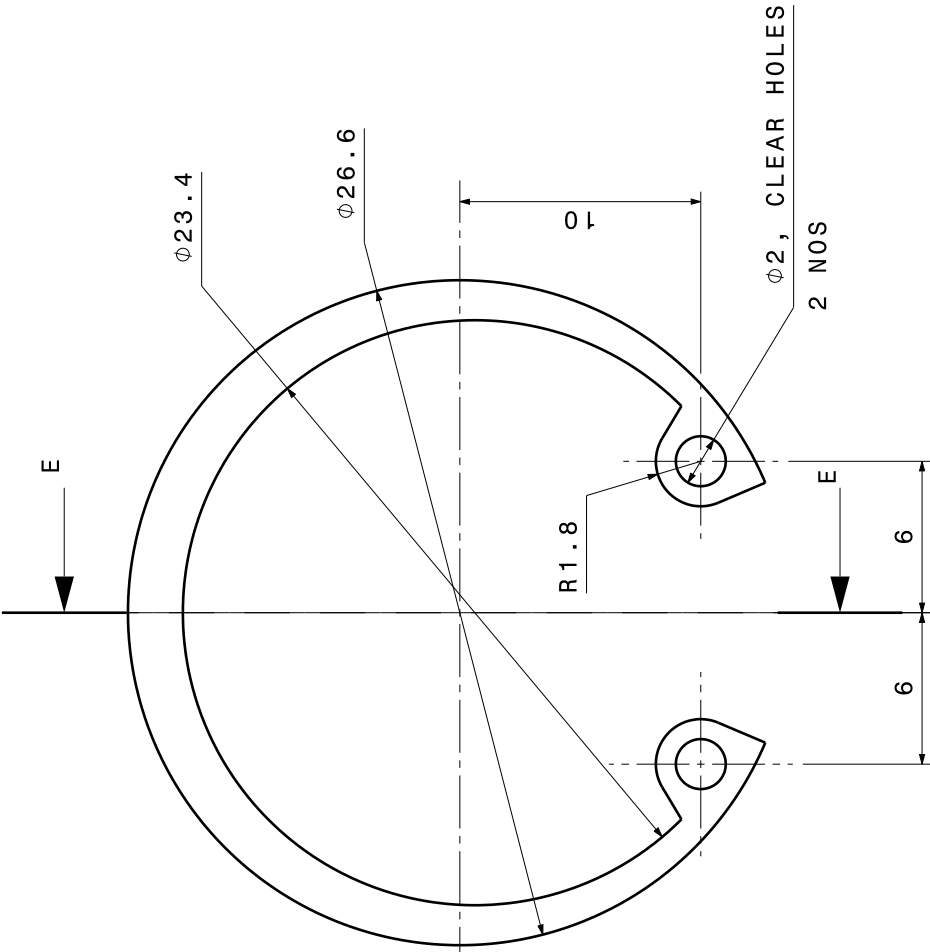
NOTE: FULL BODY SILVER PLATING (Cu:5 MICRON + Ag:20 MICRON)

NOTE:

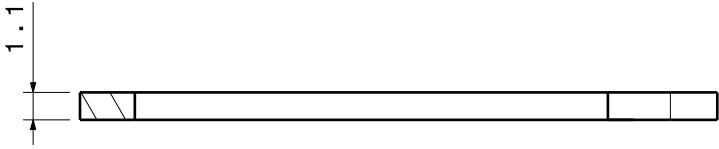
1. ALL THREADS INSERT TO BE USED
2. ALL SHARP EDGES TO BE REMOVED AND REPLACED BY CHAMFER OF 1x45 DEG
3. FLATNESS VALUES ARE NOT TO EXCEED 3 MM/METER ON ANY UNSPECIFIED SURFACE
4. ROUGHNESS OF ALL UNSPECIFIED SURFACES DO NOT EXCEED Ra 8µm
5. ALL UNSPECIFIED TOLERANCE TO BE CONSIDERED AS PER ISO 2768-1:1989

INDUS ID: 59UYNHD		RELEASED BY		ITER INDIA (IPR) GANDHINAGAR	
		APPROVED BY		CONFIDENTIAL UNLESS AUTHORISED	
		CHECKED BY		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.	
		CONTROLLED BY		DRAWING TITLE	
REV DATE		QUALITY		<div>IC JOINT FEMALE</div> <div>3-1/8" IC JOINT ASSEMBLY</div>	
02/12/2025		CLASS: 02			
SHEET SIZE		DRAWN BY			
A3		PARSH VAGWA			
SCALE		SHEET CLASS:		DRAWING NUMBER	
A3		NONSC		PORTS/03/03	
		NO OF		SHEET	
		24		REVISION	
THIRD ANGLE PROJECTION		PDS 3 LEVELS		22	
				V1_2	

1 2 3 4 5 6 7 8



Front view
Scale: 5:1

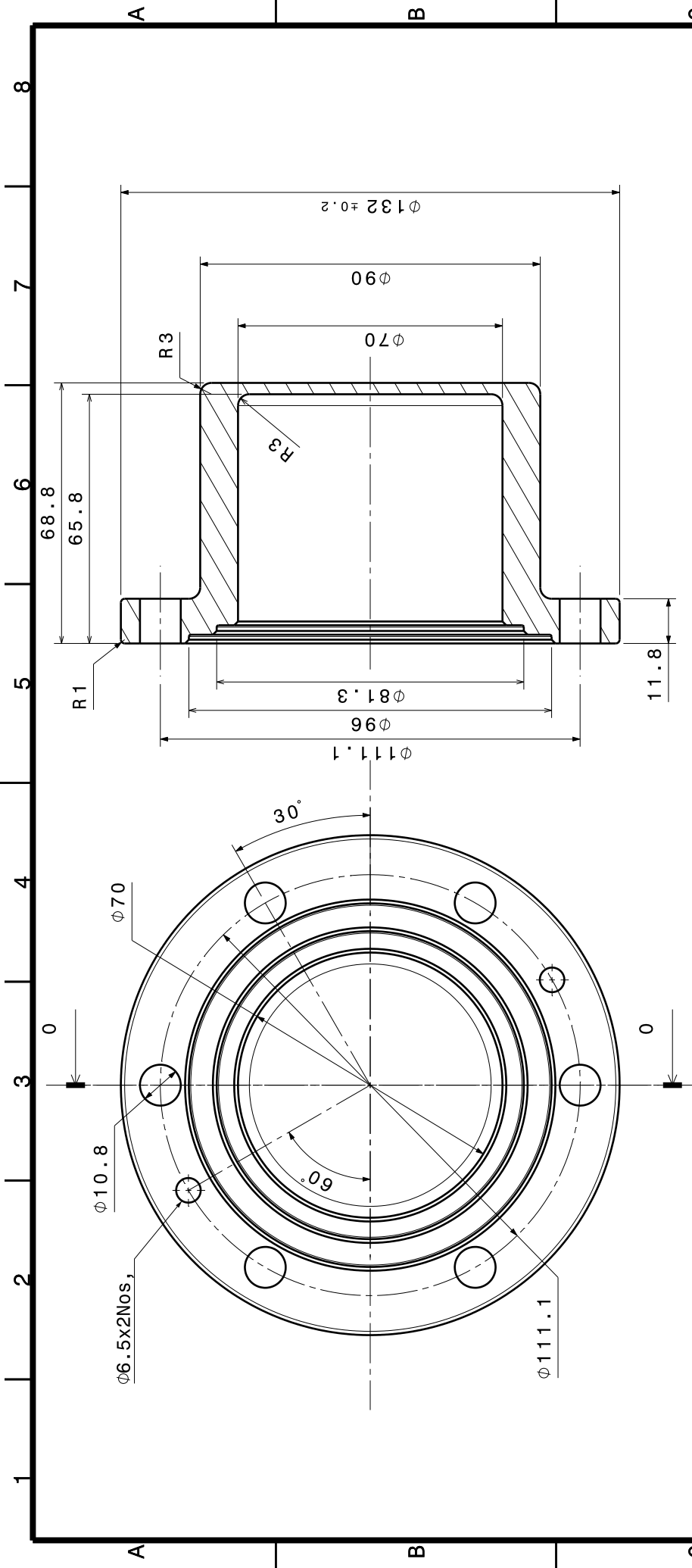


Section view E-E
Scale: 5:1

MATERIAL : SS 304
QTY: 02

INDUS ID: 59UYNHD		RELEASED BY ITER INDIA (IPR) GANDHINAGAR	
		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.	
		APPROVED BY AKHIL JHA	ITER-India
		CHECKED BY ROHIT ANAND	
		CONTROLLED BY	
REV DATE 02/12/2025	QUALITY CLASS:02	DRAWN BY PARESH VASAVA	DRAWING TITLE CIRCLIP
SHEET SIZE A3	SCALE		
SAFETY CLASS: NONSC			
THIRD ANGLE PROJECTION	NO OF SHTS 24	PBS 3 LEVELS	3-1/8" IC JOINT ASSEMBLY
			DRAWING NUMBER II/ICH/3-1/8"DC/4-PORTS/03/04
			SHEET REVISION 23 V1_2

1 2 3 4 5 6 7 8



Section view 0-0
Scale: 1:1

Front view
Scale: 1:1

MATERIAL: PVC

QTY:02

INDUS ID: 59UYNHD		RELEASED BY ITER INDIA (IPR) GANDHINAGAR		ITER-India	
		APPROVED BY AKHIL JHA		CONFIDENTIAL UNLESS AUTHORISED	
		CHECKED BY ROHIT ANAND		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.	
		CONTROLLED BY		DRAWING TITLE	
		DRAWN BY PARESH VASAVA		FLANGE COVER	
		PDS 3 LEVELS		3-1/8" DC ASSEMBLY 4-PORTS	
		NO. OF SHOTS 24		SHEET REVISION	
		THIRD ANGLE PROJECTION		DRAWING NUMBER	
				II/ICH/3-1/8"DC/4-PORTS/04	
				24 V1_2	