

Front view
Scale: 1:2

Section view A-A
Scale: 1:2

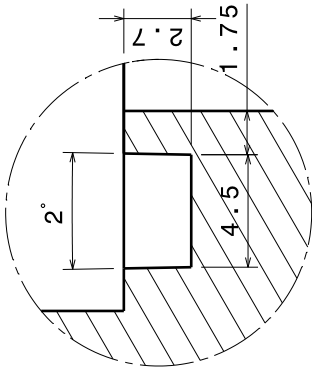
NOTE: * INSERT TO BE USED AT ALL THREADED HOLES
Detail B
Scale: 1:1

*10	M3 INSERT	SS 304	24
9	M3X10 ALLEN HEX BOLT	SS 304	24
8	BOSS COVER	BRASS (60:40)	4
7	PRESSURISATION RING	BRASS (60:40)	4
6	O-RING FOR SWIVEL FLANGE	RUBBER SILICON	2
5	SWIVEL_FLANGE_PART_2	BRASS (60:40)	2
4	SWIVEL_FLANGE_PART_1	BRASS (60:40)	2
3	6-1/8" DC_STRIP COVER ASSEMBLY	II/ICH/6-1/8" DC/01/01	4
2	6-1/8" DC_O RING	RUBBER SILICON	8
1	6-1/8" DC_OC	ETP COPPER	1
PART NO	PART NAME	DESCRIPTION / MATERIAL	QTY

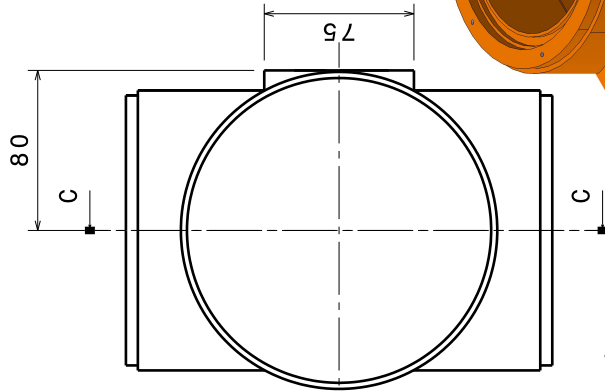
DRW DOC ID	RELEASED BY	ITER INDIA (IPR) GANDHINAGAR	
LINKED EVS PT ID	APPROVED BY	CONFIDENTIAL UNLESS AUTHORISED	
PBS TITLE	CHECKED BY	The information on this drawing is confidential under the terms of the ITER India agreement. This information shall not be transmitted to anyone who is not authorised to receive it.	
REV DATE	PT MATURITY	PT VERSION	DRAWING TITLE
01/10/17	SCALE	NTS	6-1/8" DC_OC ASSEMBLY
SHEET SIZE	PT Status	NO OF SHES	6-1/8" DIRECTIONAL COUPLER 4-PORTS
THIRD ANGLE PROJECTION	NO OF SHES	08	II/ICH/6-1/8" DC/4-PORTS/01
SHEET REVISION OR STATUS		01	

NOTE:

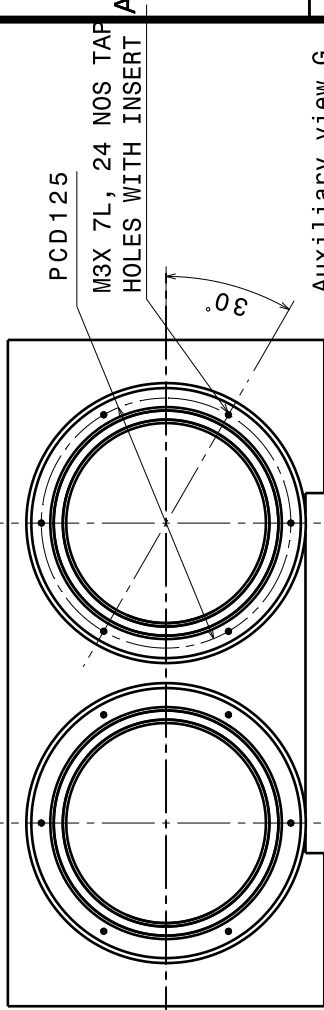
- 1. ALL THREADS INSERT TO BE USED
- 2. ALL SHARP EDGES TO BE REMOVED AND REPLACED BY CHAMFER OF 1x45 DEG
- 3. FLATNESS VALUES ARE NOT TO EXCEED 3 MM/METER ON ANY UNSPECIFIED SURFACE
- 4. ROUGHNESS OF ALL UNSPECIFIED SURFACES DO NOT EXCEED Ra 8µm
- 5. ALL UNSPECIFIED TOLERANCE TO BE CONSIDERED AS PER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



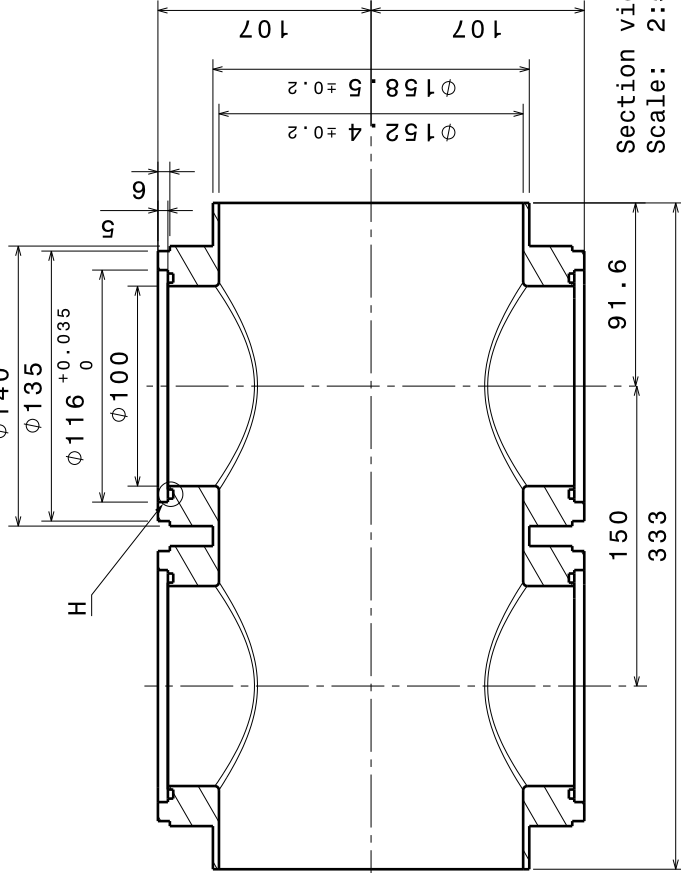
Detail H
Scale: 5:1



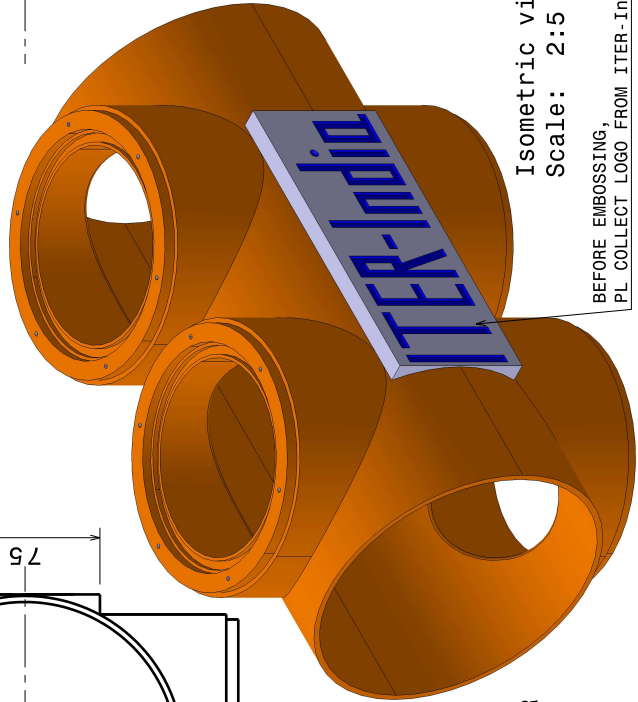
Front view
Scale: 2:5



Auxiliary view G
Scale: 2:5



Section view C-C
Scale: 2:5



Isometric view
Scale: 2:5

MATERIAL: ETP COPPER
QTY:- 01 NOS

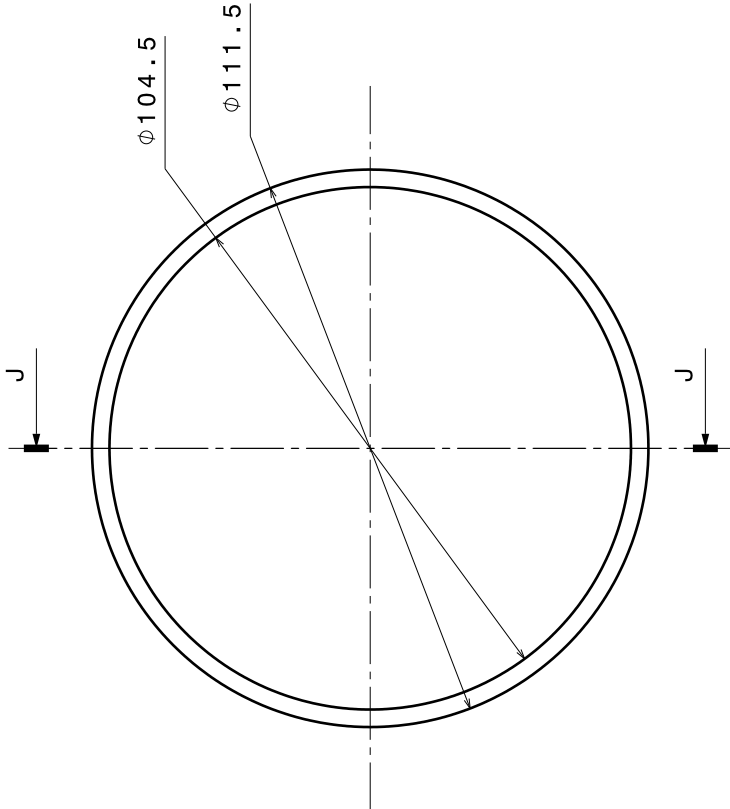
BEFORE EMBOSSING,
PL COLLECT LOGO FROM ITER-India

DRW DOC ID	RELEASED BY	ITER INDIA (IPR) GANDHINAGAR
LINKED EVS PT ID	APPROVED BY	CONFIDENTIAL UNLESS AUTHORISED
PBS TITLE	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.
REV DATE	PT MATURITY	PT VERSION
28/07/17	SCALE	NTS
SHEET SIZE	PT STATUS	NO OF SHTS
-	NTS	08
THIRD ANGLE PROJECTION	NO OF SHTS	08

DRAWING NUMBER	ITER-India
II/ICH/6-1/8" DC/4-PORTS/01	6-1/8" _DC_OC
6-1/8" DC_OC ASSEMBLY 4-PORTS	6-1/8" DC_OC ASSEMBLY 4-PORTS
SHEET REVISION OR STATUS	02

1 2 3 4 5 6 7 8

A B C D



Front view
Scale: 1:1



Section view J-J
Scale: 1:1

MATERIAL: RUBBER SILICON
QTY: 8 NOS

DRW DOC ID		RELEASED BY		ITER INDIA (IPR) GANDHINAGAR	
LINKED EVS PT ID		APPROVED BY		CONFIDENTIAL UNLESS AUTHORISED	
PBS TITLE		P AJESH		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	
				6-1/8" DC_O RING	
REV DATE		PT MATURITY			
01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

REV DATE		PT MATURITY		PT VERSION	
01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

REV DATE		PT MATURITY		PT VERSION	
01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

REV DATE		PT MATURITY		PT VERSION	
01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

REV DATE		PT MATURITY		PT VERSION	
01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

REV DATE		PT MATURITY		PT VERSION	
01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

REV DATE		PT MATURITY		PT VERSION	
01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

REV DATE		PT MATURITY		PT VERSION	
01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

REV DATE		PT MATURITY		PT VERSION	
01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

REV DATE		PT MATURITY		PT VERSION	
01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

REV DATE		PT MATURITY		PT VERSION	
01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

REV DATE		PT MATURITY		PT VERSION	
01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

REV DATE		PT MATURITY		PT VERSION	
01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

REV DATE		PT MATURITY		PT VERSION	
01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

REV DATE		PT MATURITY		PT VERSION	
01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

REV DATE		PT MATURITY		PT VERSION	
01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

REV DATE		PT MATURITY		PT VERSION	
01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

REV DATE		PT MATURITY		PT VERSION	
01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

REV DATE		PT MATURITY		PT VERSION	
01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

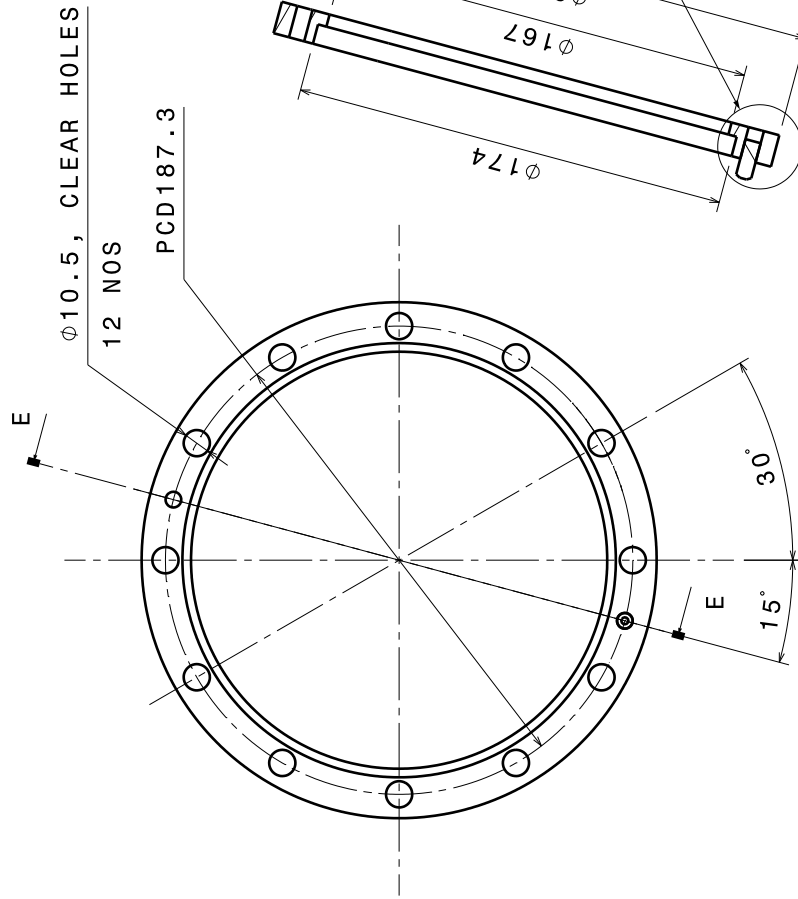
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01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

REV DATE		PT MATURITY		PT VERSION	
01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

REV DATE		PT MATURITY		PT VERSION	
01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

REV DATE		PT MATURITY		PT VERSION	
01/10/17		PT VERSION			
SHEET SIZE		SCALE			
-		NTS			
THIRD ANGLE PROJECTION		NO OF SHES			
		08			

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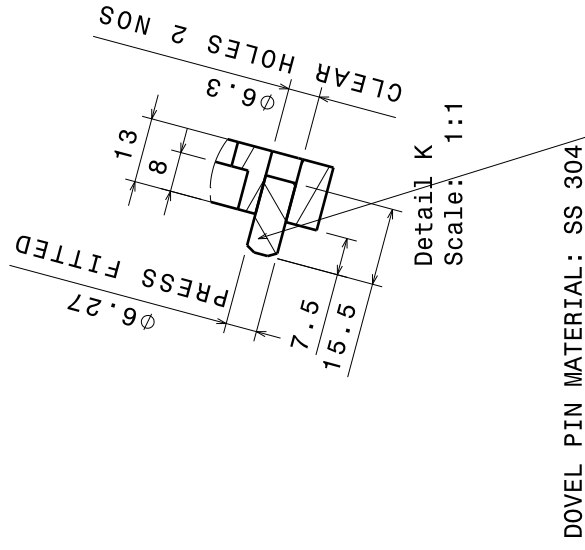
Front view
Scale: 1:2

Section view E-E
Scale: 1:2

MATERIAL: -BRASS (60:40)
QTY.: - 2

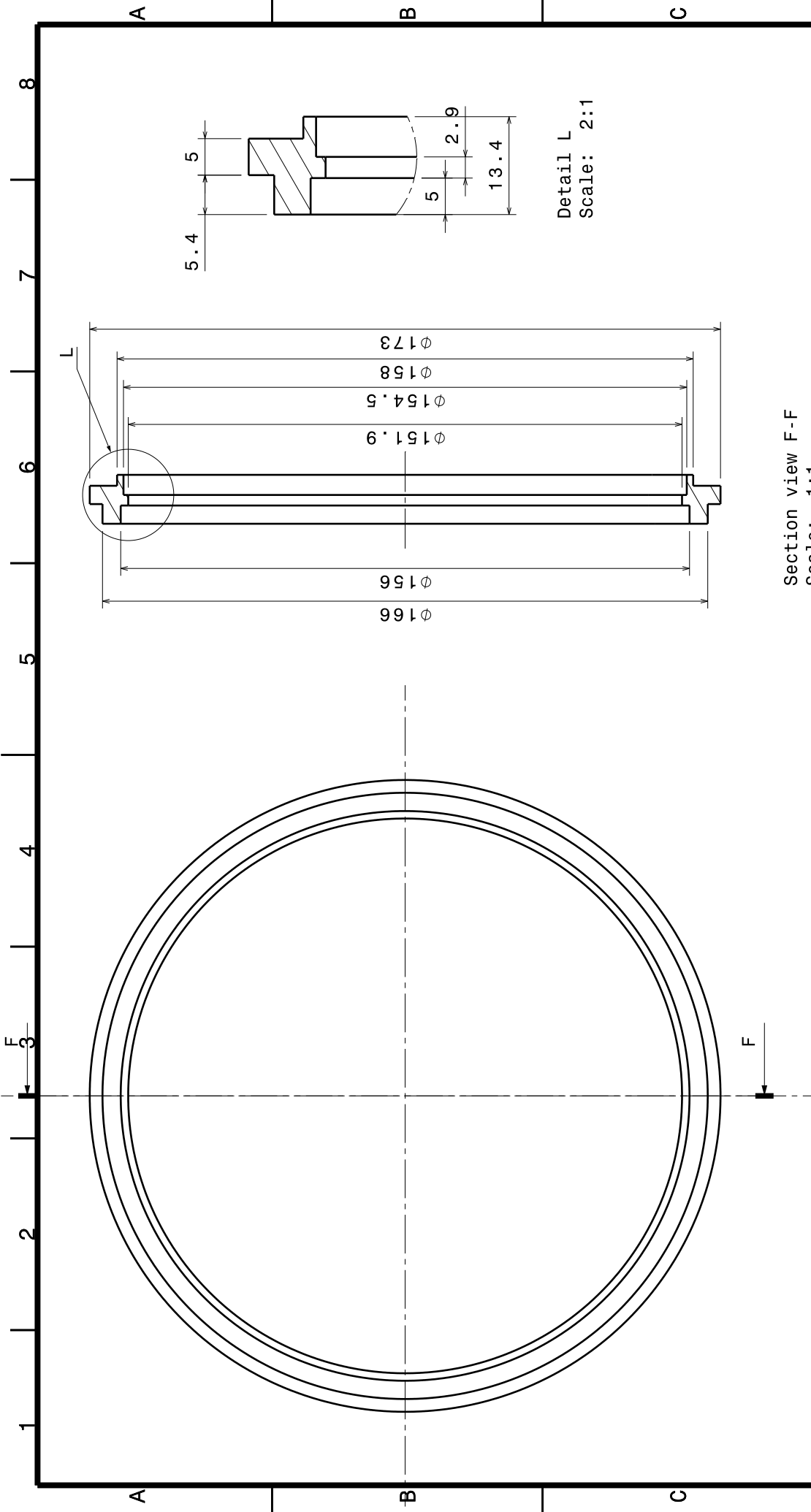
NOTE:

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

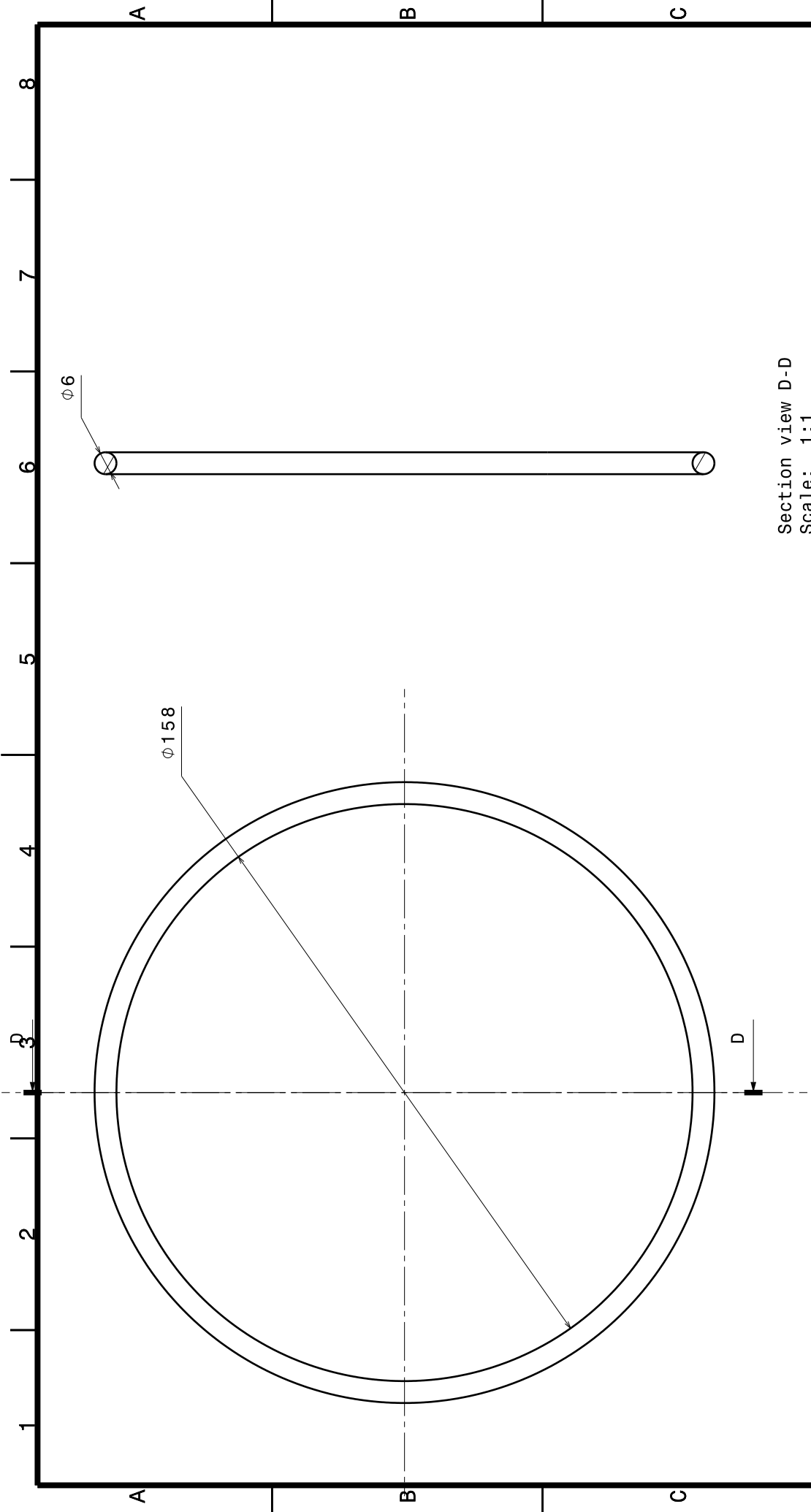


DOVEL PIN MATERIAL: SS 304

DRAW DOC ID		RELEASED BY		ITER INDIA (IPR) GANDHINAGAR	
LINKED EV5 PT ID		APPROVED BY		CONFIDENTIAL UNLESS AUTHORISED	
PDS TITLE		P AJESH		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 SWIVEL_FLANGE_PART_1	
01/10/17		CONTROLLED BY			
SHEET SIZE		P AJESH			
SHEET STATUS		DRAWN BY		6-1/8" DC_OC ASSEMBLY 4-PORTS	
SCALE		P AJESH		DRAINING NUMBER	
NFS		PBS 3 LEVELS		PORTS/01	
THIRD ANGLE PROJECTION		NO. OF SHEETS		DRAWING NUMBER	
08		08		II/ICH/6-1/8" DC/4-	
08		08		SHEET REVISION OF STATUS	
08		08		04	



DRW DOC ID		RELEASED BY		ITER INDIA (IPR) GANDHINAGAR		D	
LINKED EVS PT ID		APPROVED BY		CONFIDENTIAL UNLESS AUTHORISED		6 - 1/8" DC_OC ASSEMBLY 4-PORTS	
PBS TITLE		P AJESH		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.		SHEET REVISION OR STATUS	
REV DATE		CHECKED BY		DRAWING TITLE		DRAWING NUMBER	
PT MATURITY		CONTROLLED BY		SWIVEL_FLANGE_PART_2		05	
01/10/17		P AJESH		PBS 3 LEVELS		II/ICH/6-1/8" DC/4-PORTS/01	
SHEET SIZE		SCALE		NO OF SHES		08	
-		NTS		THIRD ANGLE PROJECTION		08	
MATERIAL:-BRASS (60:40)		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	

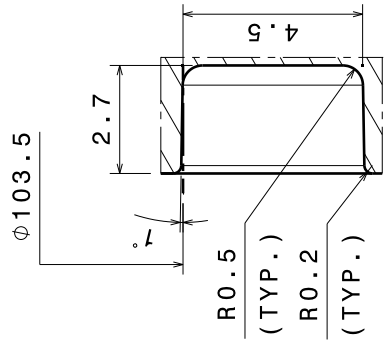
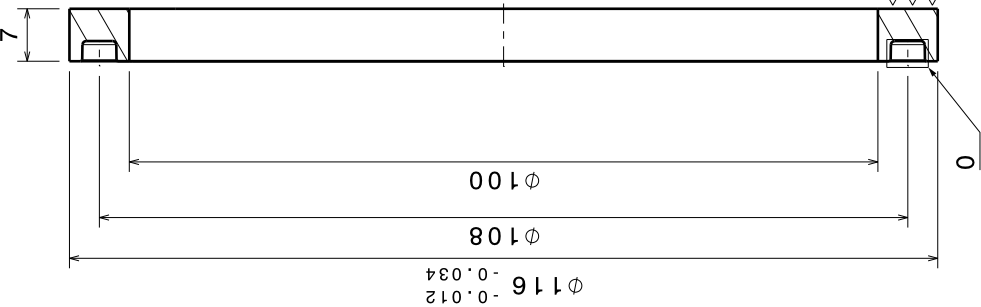
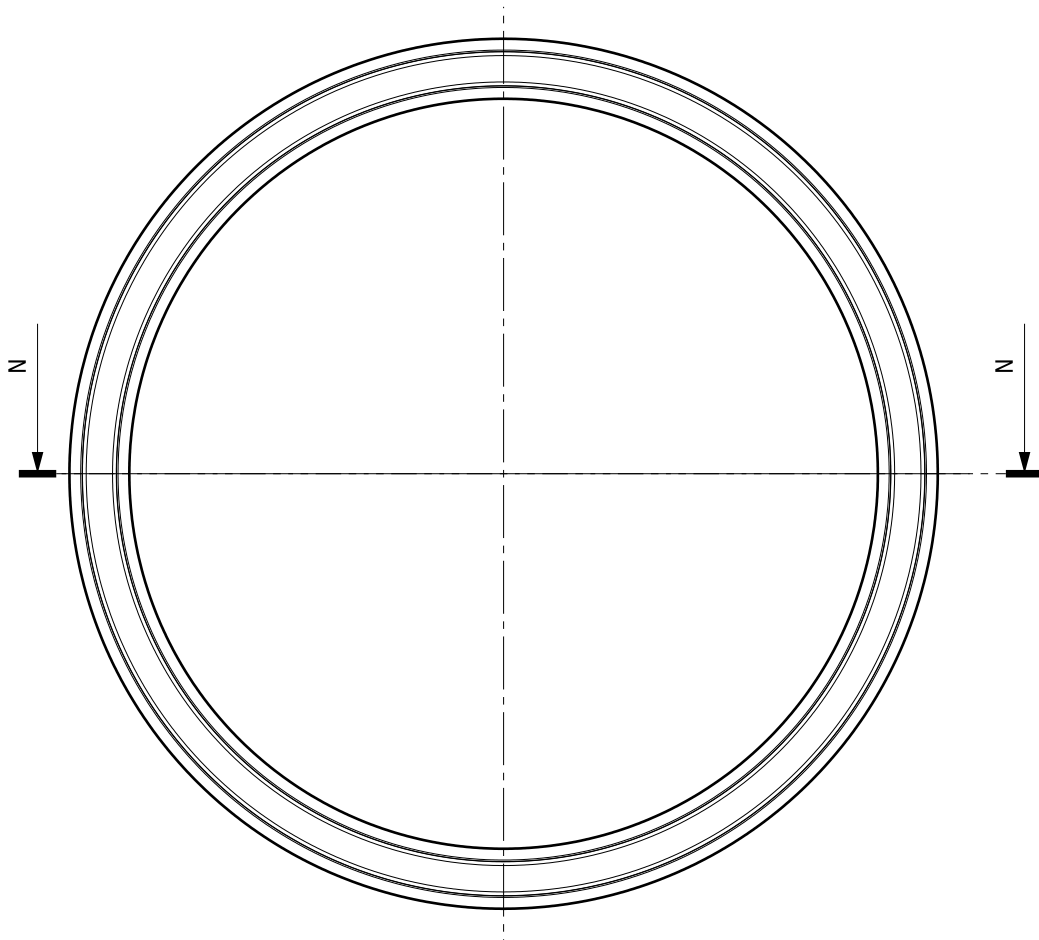


Front view
Scale: 1:1

MATERIAL:- RUBBER SILICON
QTY.:- 2

Section view D-D
Scale: 1:1

DRW DOC ID	RELEASED BY	ITER INDIA (IPR) GANDHINAGAR			
LINKED EVS PT ID	APPROVED BY	CONFIDENTIAL UNLESS AUTHORISED			
PBS TITLE	P AJESH	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			
REV DATE	PT MATURITY	PT VERSION	O-RING FOR SWIVEL FLANGE		
01/10/17			6-1/8" DC_OC ASSEMBLY 4-PORTS		
SHEET SIZE	SCALE	PT Status	DRAWING NUMBER		
-	NTS		II/ICH/6-1/8" DC/4-PORTS/01		
THIRD ANGLE PROJECTION	NO OF SHTS	PBS 3 LEVELS	SHEET REVISION OR STATUS		
	08		06		



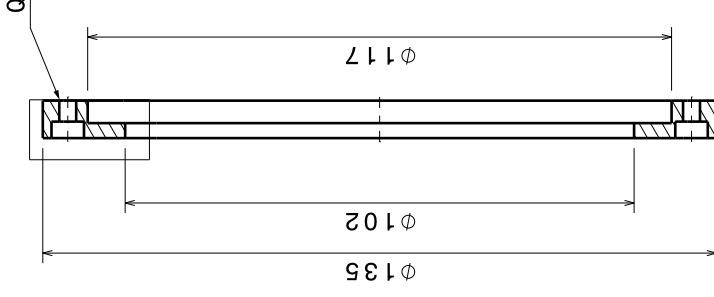
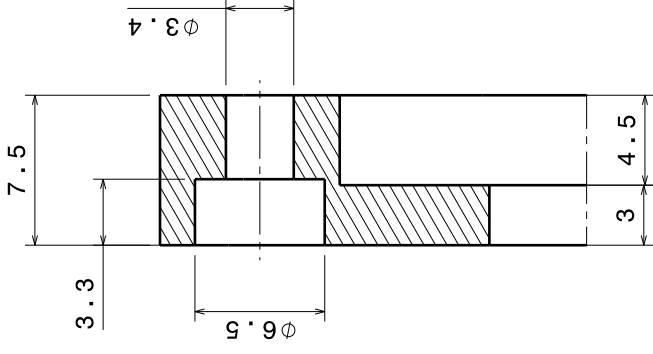
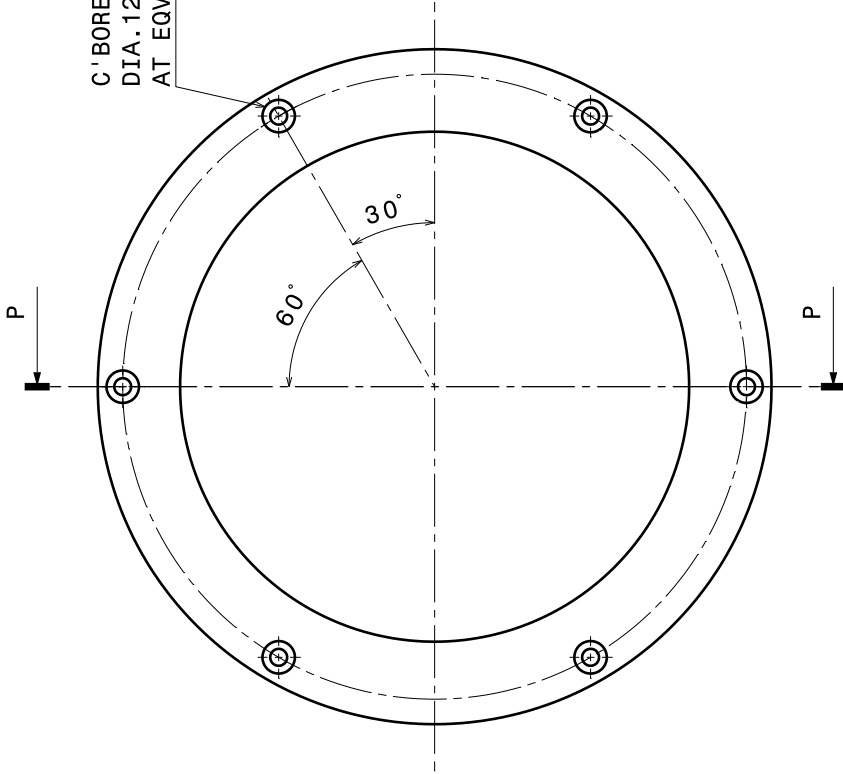
Detail 0

Section view N-N

MATERIAL :- BRASS (60:40)
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
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PBS TITLE	P AJESH	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	PT MATURITY	DRAWING TITLE	
07/10/17	PT VERSION	PRESSURISATION RING	
SHEET SIZE	SCALE	6-1/8" DC_OC ASSEMBLY 4-PORTS	
-	NTS	SHEET REVISION OR STATUS	
THIRD ANGLE PROJECTION	NO OF SHES	DRAWING NUMBER	
08	PBS 3 LEVELS	II/ICH/6-1/8"DC/4-PORTS/01	
07		07	



Section view P-P

MATERIAL: - BRASS (60:40)
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
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ITER INDIA (IPR) GANDHINAGAR		ITER-India	
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	
6-1/8" DC OC ASSEMBLY 4-PORTS		SHEET REVISION OR STATUS	
DRAWING NUMBER		PORTS/01	
NO. OF SHEETS		08	
THIRD ANGLE PROJECTION		08	
REV DATE		PT MATURITY	
01/10/17		PT VERSION	
SHEET SIZE		SCALE	
-		NTS	
PBS 3 LEVELS		PBS 3 LEVELS	
RELEASED BY		APPROVED BY	
P AJESH		P AJESH	
CHECKED BY		CONTROLLED BY	
P AJESH		P AJESH	
DRAWN BY		PT STATUS	
P AJESH		PT STATUS	
ITER INDIA (IPR) GANDHINAGAR		CONFIDENTIAL UNLESS AUTHORISED	