
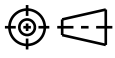
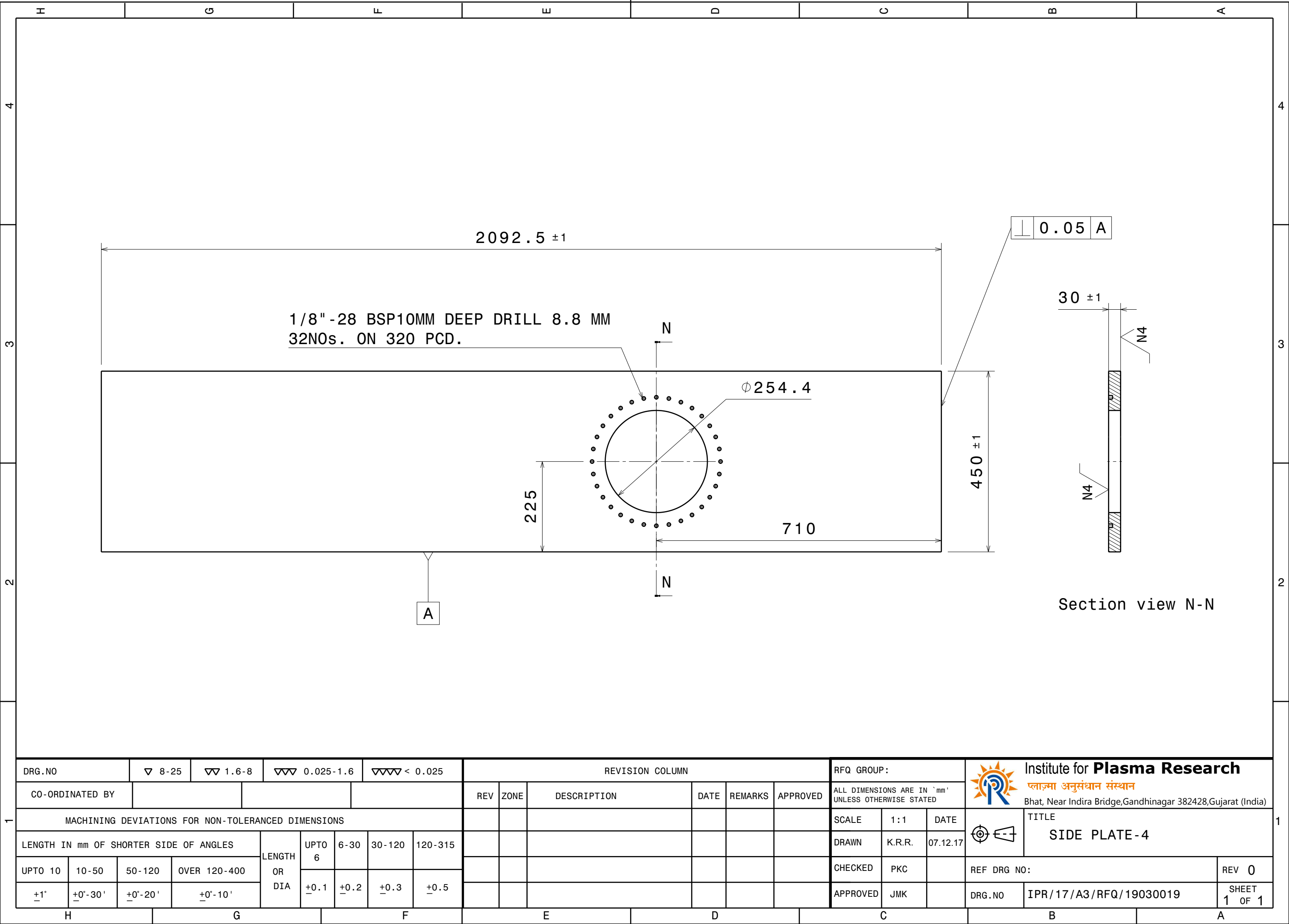


DRG.NO		▽ 8-25		▽▽ 1.6-8		▽▽▽ 0.025-1.6		▽▽▽▽ < 0.025		REVISION COLUMN						RFQ GROUP:			 Institute for <b>Plasma Research</b> प्लाज्मा अनुसंधान संस्थान Bhat, Near Indira Bridge,Gandhinagar 382428,Gujarat (India)			
CO-ORDINATED BY											REV	ZONE	DESCRIPTION	DATE	REMARKS	APPROVED	ALL DIMENSIONS ARE IN `mm` UNLESS OTHERWISE STATED					
MACHINING DEVIATIONS FOR NON-TOLERANCED DIMENSIONS																	SCALE	1:1	DATE	 TITLE SIDE PLATE -3		
LENGTH IN mm OF SHORTER SIDE OF ANGLES				LENGTH OR DIA	UPTO 6	6-30	30-120	120-315								DRAWN	K.R.R.	07.12.17				
UPTO 10	10-50	50-120	OVER 120-400														CHECKED	PKC		REF DRG NO:		REV 0
+1°	+0°-30'	+0°-20'	+0°-10'			+0.1	+0.2	+0.3	+0.5								APPROVED	JMK		DRG.NO	IPR/17/A3/RFQ/19030018	



1/8"-28 BSP10MM DEEP DRILL 8.8 MM  
32NOs. ON 320 PCD.

2092.5 ±1

N

Ø 254.4

225

710

N

A


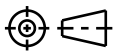
0.05 A

30 ±1

N4

N4

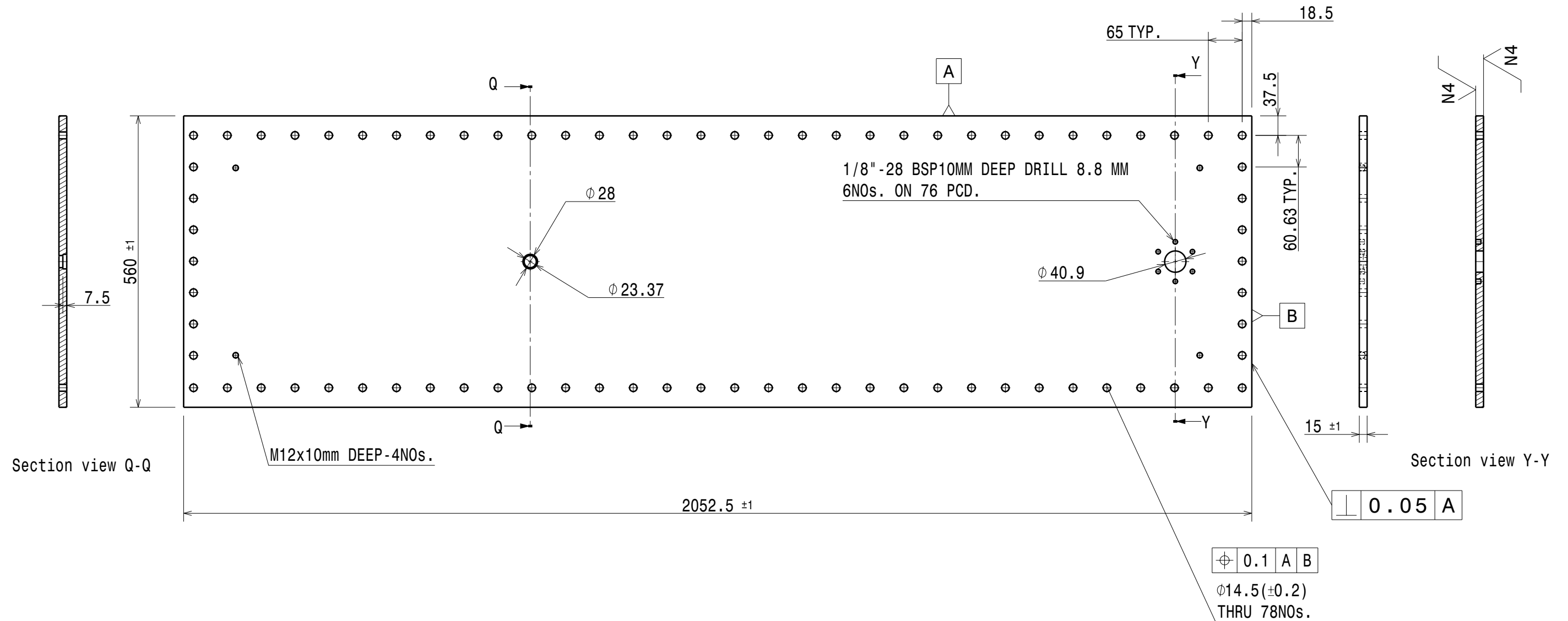
Section view N-N



DRG.NO				▽ 8-25		▽▽ 1.6-8		▽▽▽ 0.025-1.6		▽▽▽▽ < 0.025		REVISION COLUMN						RFQ GROUP:			 Institute for <b>Plasma Research</b> प्लाज्मा अनुसंधान संस्थान Bhat, Near Indira Bridge,Gandhinagar 382428,Gujarat (India)			
CO-ORDINATED BY													REV	ZONE	DESCRIPTION		DATE	REMARKS	APPROVED	ALL DIMENSIONS ARE IN `mm` UNLESS OTHERWISE STATED				
MACHINING DEVIATIONS FOR NON-TOLERANCED DIMENSIONS																				SCALE	1:1	DATE	 TITLE SIDE PLATE - 4	
LENGTH IN mm OF SHORTER SIDE OF ANGLES						LENGTH OR DIA	UPTO 6	6-30	30-120	120-315								DRAWN	K.R.R.	07.12.17				
UPTO 10	10-50	50-120	OVER 120-400															CHECKED	PKC		REF DRG NO:			REV 0
+1°	+0°-30'	+0°-20'	+0°-10'		+0.1		+0.2	+0.3	+0.5									APPROVED	JMK		DRG.NO	IPR/17/A3/RFQ/19030019		SHEET 1 OF 1



01. ALL SHARP CORNERS SHALL BE ROUNDED OFF.
02. THE FINISH MACHINED/GROUND SURFACES SHALL BE PRESERVED AND PROTECTED SUITABLY TO AVOID ANY DAMAGE DURING HANDLING TRANSIT AND ASEMBLY
03. USE DRILL JIG FOR DRILLING OF HOLES.
04. THREADING SHALL BE AS PER IS4218
05. AFTER MACHINING THE COMPONENT SHALL BE SUBJECTED TO SOLUTION CLEANING OR ULTRASONIC CLEANING AS PER APPROVED PROCEDURE

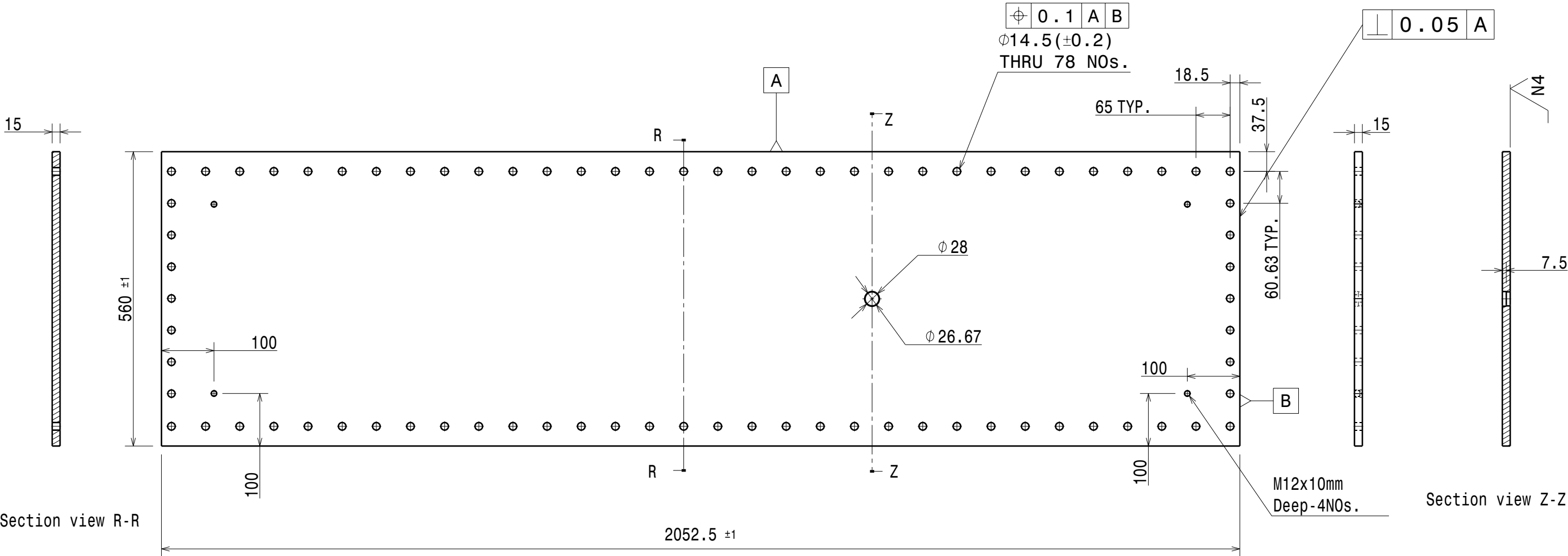
N8 N5 N4


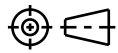


DRG.NO				▽ 8-25		▽▽ 1.6-8		▽▽▽ 0.025-1.6		▽▽▽▽ < 0.025		REVISION COLUMN						RFQ GROUP:			 Institute for <b>Plasma Research</b> प्लाज्मा अनुसंधान संस्थान Bhat, Near Indira Bridge,Gandhinagar 382428,Gujarat (India)	
CO-ORDINATED BY											REV	ZONE	DESCRIPTION	DATE	REMARKS	APPROVED	ALL DIMENSIONS ARE IN `mm` UNLESS OTHERWISE STATED					
MACHINING DEVIATIONS FOR NON-TOLERANCED DIMENSIONS																		SCALE	1:1	DATE	 TITLE TOP PLATE COVER - 1	
LENGTH IN mm OF SHORTER SIDE OF ANGLES				LENGTH OR DIA	UPTO 6	6-30	30-120	120-315								DRAWN	K.R.R.	27.11.17				
UPTO 10	10-50	50-120	OVER 120-400														CHECKED	PKC		REF DRG NO:		REV 0
±1"	±0"-30'	±0"-20'	±0"-10'		±0.1	±0.2	±0.3	±0.5									APPROVED	JMK		DRG.NO	IPR / 17 / A3 / RFQ / 19030023	

- NOTE:-
- 01. ALL SHARP CORNERS SHALL BE ROUNDED OFF.
  - 02. THE FINISH MACHINED/GROUND SURFACES SHALL BE PRESERVED AND PROTECTED SUITABLY TO AVOID ANY DAMAGE DURING HANDLING TRANSIT AND ASEMBLY
  - 03. USE DRILL JIG FOR DRILLING OF HOLES.
  - 04. THREADING SHALL BE AS PER IS4218
  - 05. AFTER MACHINING THE COMPONENT SHALL BE SUBJECTED TO SOLUTION CLEANING OR ULTRASONIC CLEANING AS PER APPROVED PROCEDURE

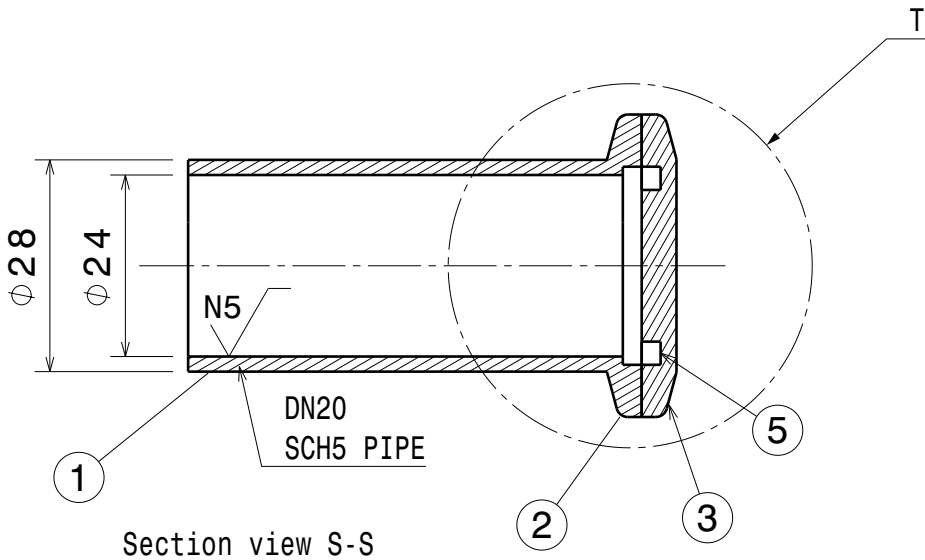
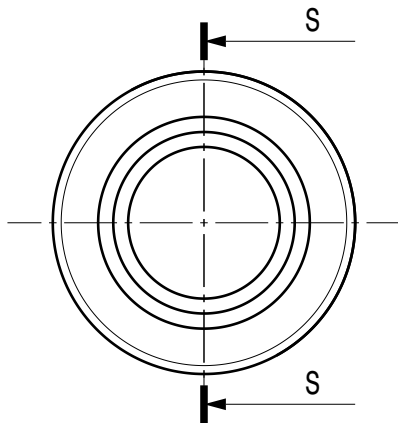
N8 / N5 N4



DRG.NO			▽ 8-25		▽▽ 1.6-8		▽▽▽ 0.025-1.6		▽▽▽▽ < 0.025		REVISION COLUMN					RFQ GROUP:			 Institute for <b>Plasma Research</b> प्लाज्मा अनुसंधान संस्थान Bhat, Near Indira Bridge,Gandhinagar 382428,Gujarat (India)				
CO-ORDINATED BY												REV	ZONE	DESCRIPTION		DATE	REMARKS	APPROVED			ALL DIMENSIONS ARE IN `mm` UNLESS OTHERWISE STATED		
MACHINING DEVIATIONS FOR NON-TOLERANCED DIMENSIONS																		SCALE	1:1	DATE	 TITLE <b>TOP PLATE COVER-2</b>		
LENGTH IN mm OF SHORTER SIDE OF ANGLES					LENGTH OR DIA	UPTO 6	6-30	30-120	120-315								DRAWN	K.R.R.	27.11.17				
UPTO 10	10-50	50-120	OVER 120-400														CHECKED	PKC		REF DRG NO:		REV 0	
+1°	+0°-30'	+0°-20'	+0°-10'			+0.1	+0.2	+0.3	+0.5									APPROVED	JMK			DRG.NO	IPR/17/A3/RFQ/19030024

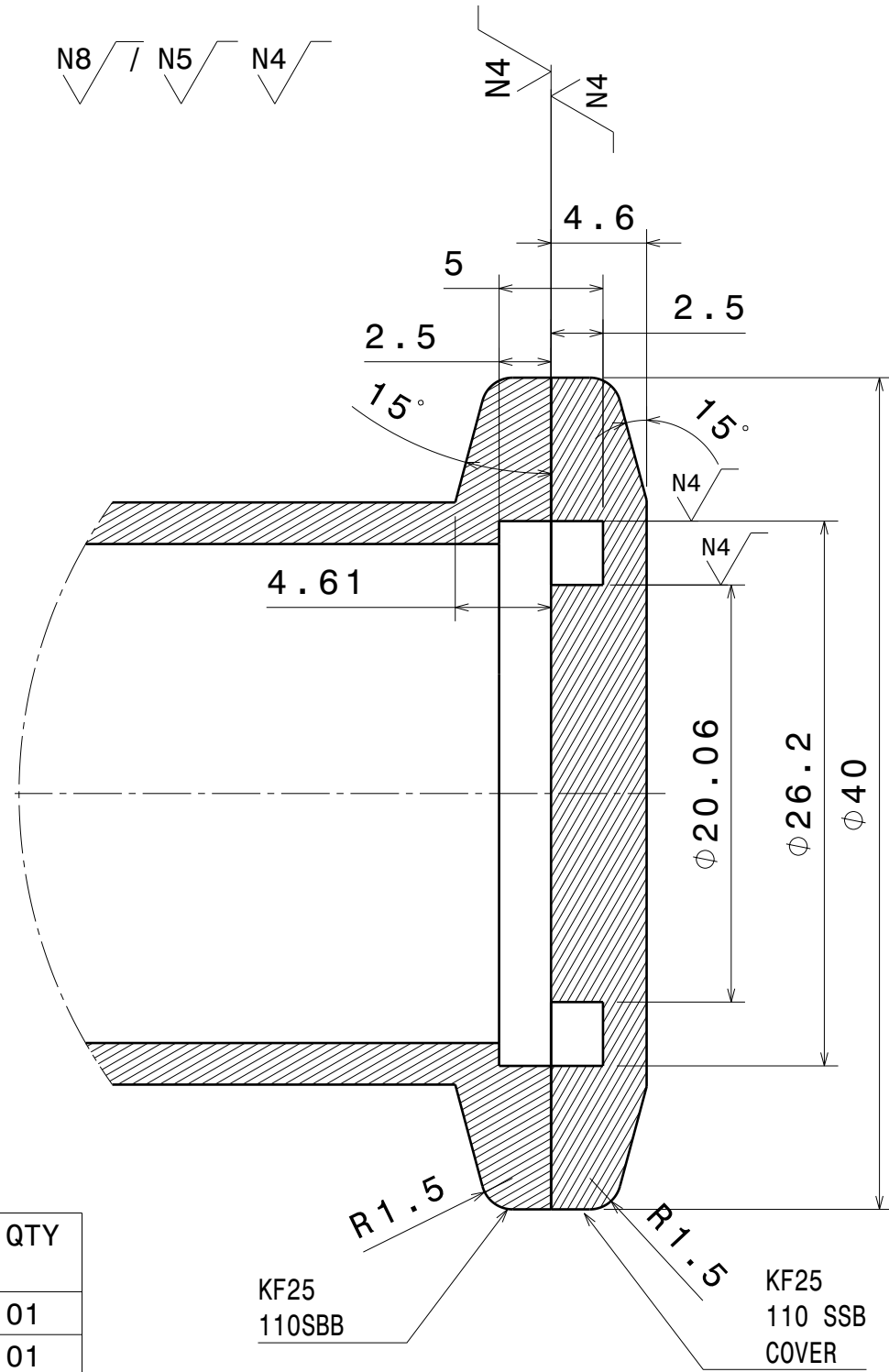
NOTE:-

01. ALL SHARP CORNERS SHALL BE ROUNDED OFF.  
02. AFTER MACHINING THE COMPONENT SHALL BE SUBJECTED TO SOLUTION CLEANING OR ULTRASONIC CLEANING AS PER APPROVED PROCEDURE





Section view S-S

ITEM NO.	DESCRIPTION	MAT	QTY
1	DN20 SCH5 PIPE_73.45L	AL6061 T6	01
2	KF 25 FLANGE	AL6061 T6	01
3	KF25 FLANGE COVER	AL6061 T6	01
4	CLAMP	SS304	01
5	CENTERING RING SS WITH O-RING	VITON	01

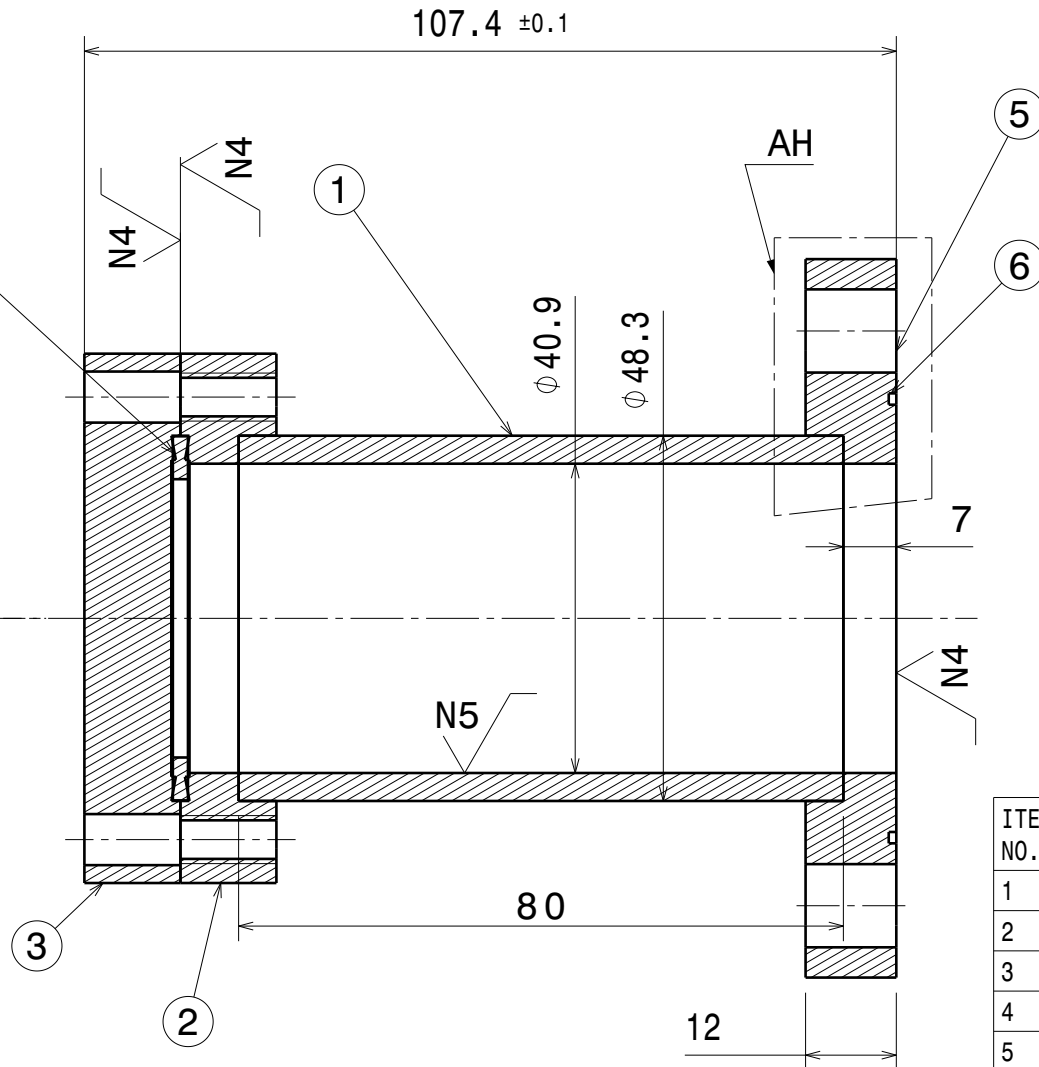
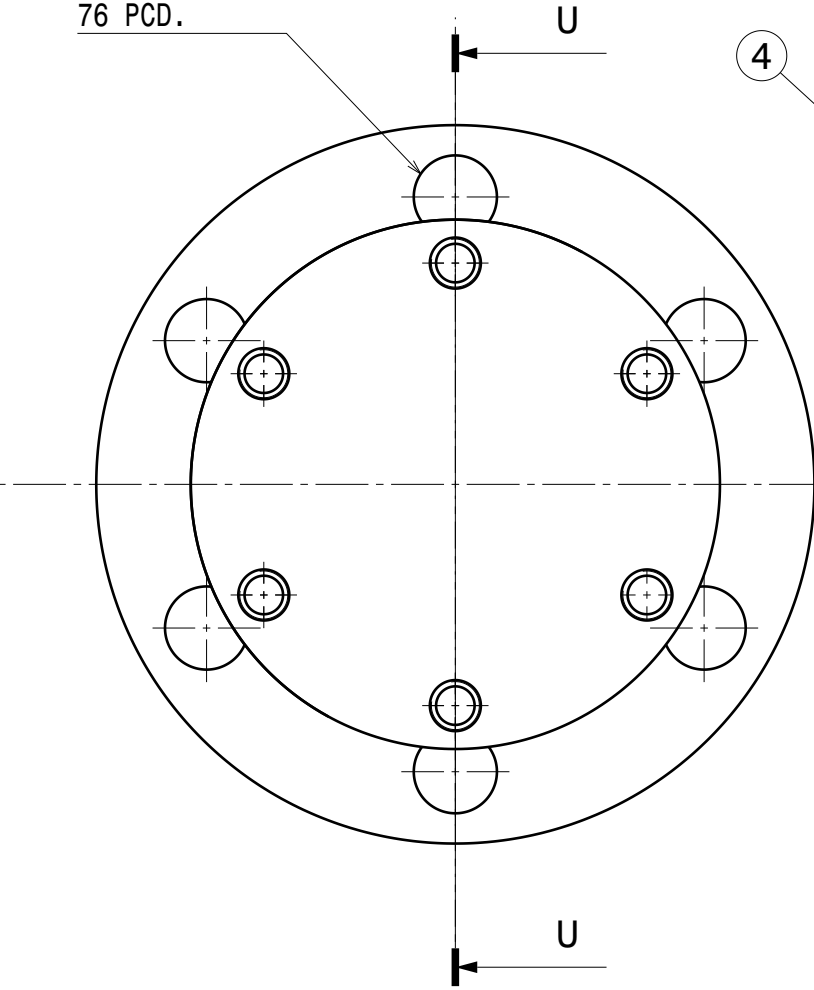


Detail T

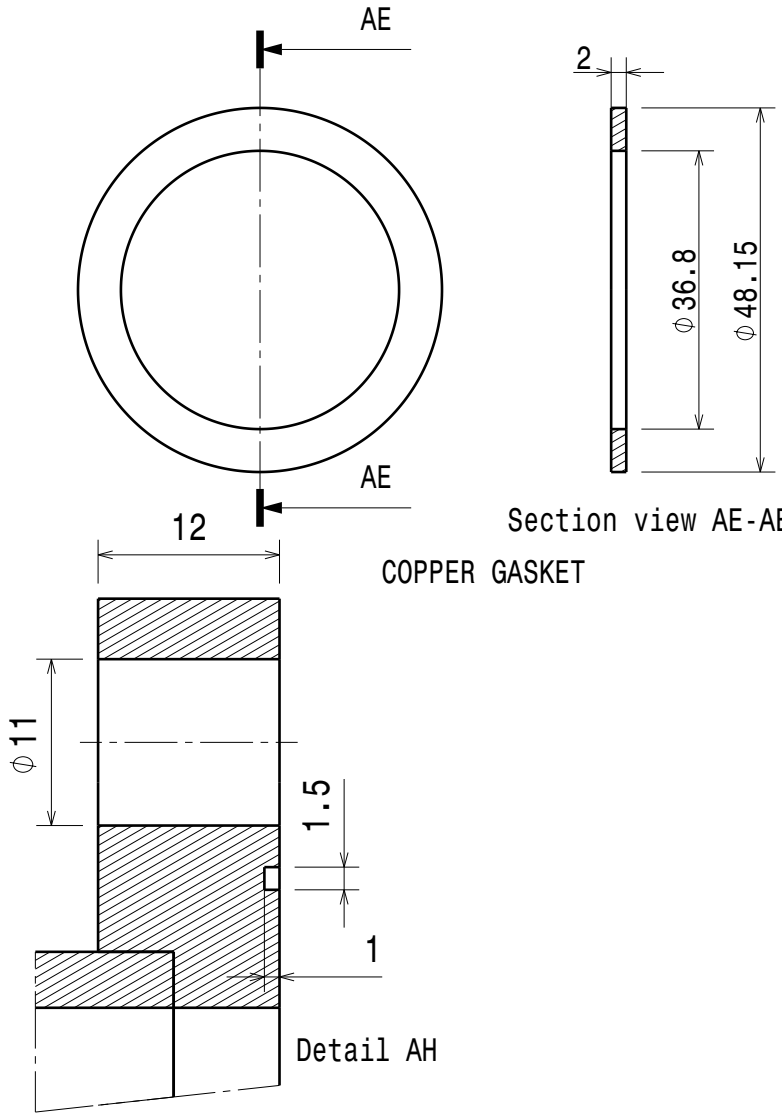
DRG.NO		▽ 8-25		▽▽ 1.6-8		▽▽▽ 0.025-1.6		▽▽▽▽ < 0.025		REVISION COLUMN						RFQ GROUP:			<div>Institute for <b>Plasma Research</b> પ્લાઝ્મા અનુસંધાન સંસ્થાન Bhat, Near Indira Bridge,Gandhinagar 382428,Gujarat (India)</div>			
CO-ORDINATED BY											REV	ZONE	DESCRIPTION		DATE	REMARKS	APPROVED	ALL DIMENSIONS ARE IN `mm` UNLESS OTHERWISE STATED				
MACHINING DEVIATIONS FOR NON-TOLERANCED DIMENSIONS																		SCALE	1 : 1	DATE	<div>TITLE KF25 PORT</div>	
LENGTH IN mm OF SHORTER SIDE OF ANGLES					LENGTH OR DIA	UPTO 6	6-30	30-120	120-315								DRAWN	K.R.R.	01/08/17			
UPTO 10	10-50	50-120	OVER 120-400														CHECKED	PKC		REF DRG NO:		REV 0
+1°	+0°-30'	+0°-20'	+0°-10'			+0.1	+0.2	+0.3	+0.5								APPROVED	JMK		DRG.NO	IPR/17/A3/RFQ/19030025	

- NOTE:-
- 01. ALL SHARP CORNERS SHALL BE ROUNDED OFF.
  - 02. THE FINISH MACHINED/GROUND SURFACES SHALL BE PRESERVED AND PROTECTED SUITABLY TO AVOID ANY DAMAGE DURING HANDLING TRANSIT AND ASEMBLY
  - 03. USE DRILL JIG FOR DRILLING OF HOLES.
  - 04. THREADING SHALL BE AS PER IS4218
  - 05. AFTER MACHINING THE COMPONENT SHALL BE SUBJECTED TO SOLUTION CLEANING OR ULTRASONIC CLEANING AS PER APPROVED PROCEDURE

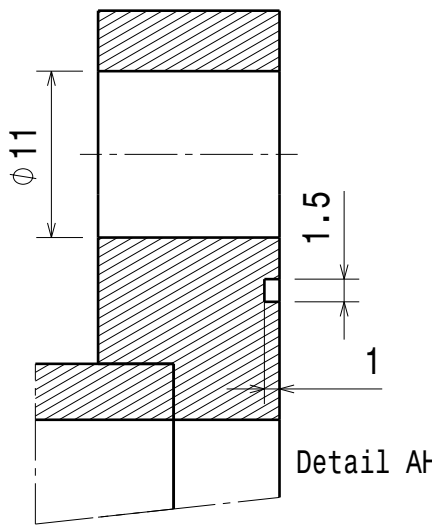
Ø11-6NOS. ON  
76 PCD.



Section view U-U





Section view AE-AE  
COPPER GASKET



Detail AH

ITEM NO.	DESCRIPTION	MAT	QTY
1	DN50 SCH5 STD PIPE_80L	SS304L	01
2	DN40CF BORED TAPPED FIXED FLANGE	SS304L	01
3	DN40CF FIXED BLANK FLANGE	SS304L	01
4	COPPER ANNELED GASKET FOR CF	COPPER	01
5	FLANGE Ø95x12MM THICK	SS304L	01
6	HELICOFLEX SEAL FOR DN40CF	STD	01
7	1/8" -28 BSP BOLTS ,NUT,WASHER	SS304	06
8	1/4" -28 UNCx30L BOLTS WITH WASHER	SS304	06

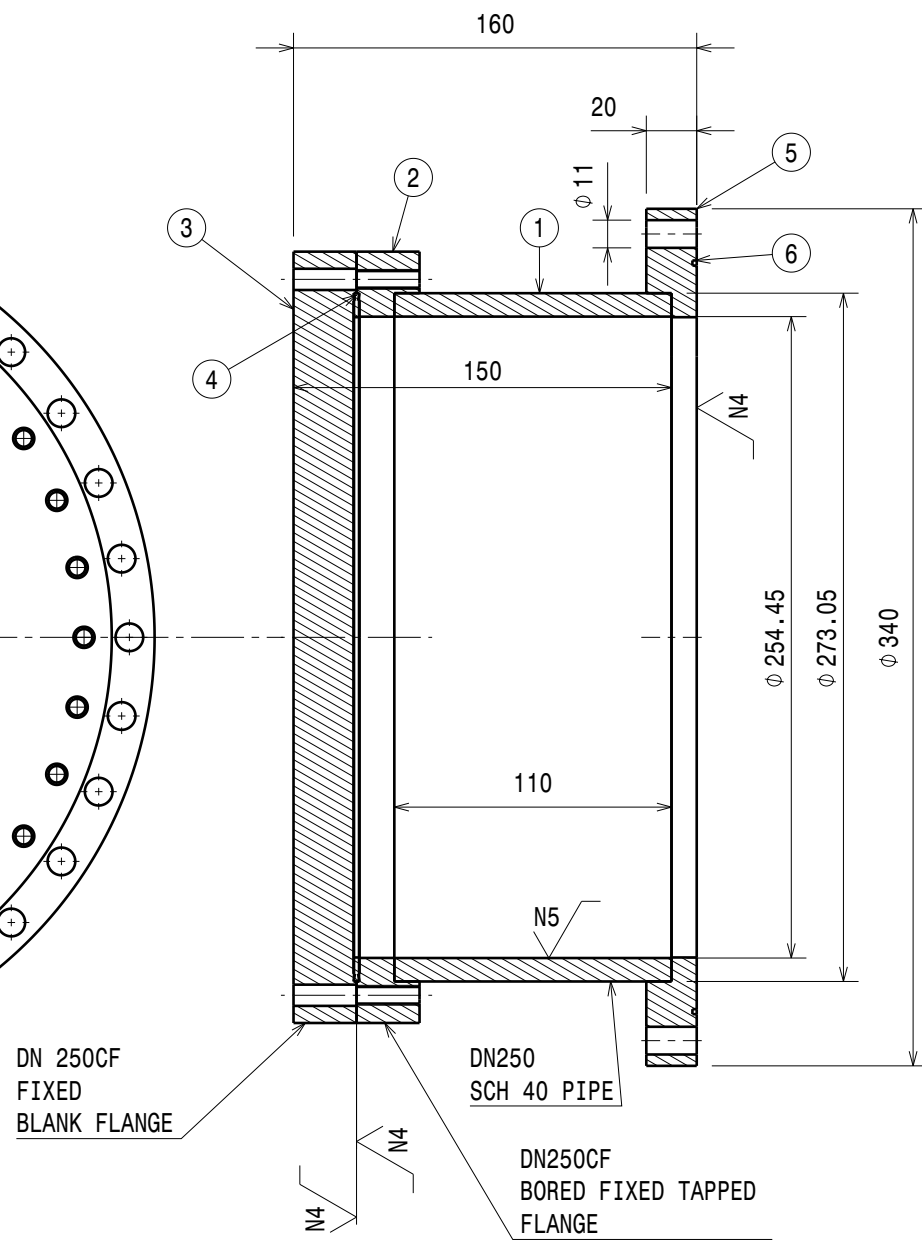
DRG.NO			▽ 8-25		▽▽ 1.6-8		▽▽▽ 0.025-1.6		▽▽▽▽ < 0.025		REVISION COLUMN					RFQ GROUP:			 <b>Institute for Plasma Research</b> प्लाज्मा अनुसंधान संस्थान Bhat, Near Indira Bridge,Gandhinagar 382428,Gujarat (India)			
CO-ORDINATED BY												REV	ZONE	DESCRIPTION		DATE	REMARKS	APPROVED			ALL DIMENSIONS ARE IN `mm` UNLESS OTHERWISE STATED	
MACHINING DEVIATIONS FOR NON-TOLERANCED DIMENSIONS																		SCALE	1:1	DATE	 TITLE CF40 PORT	
LENGTH IN mm OF SHORTER SIDE OF ANGLES					LENGTH OR DIA	UPTO 6	6-30	30-120	120-315								DRAWN	K.R.R.	01/12/17			
UPTO 10	10-50	50-120	OVER 120-400														CHECKED	PKC		REF DRG NO:		REV 0
+1°	+0°-30'	+0°-20'	+0°-10'			+0.1	+0.2	+0.3	+0.5								APPROVED	JMK		DRG.NO	IPR/17/A3/RFQ/19030026	



N8 N5 N4

01. ALL SHARP CORNERS SHALL BE ROUNDED OFF.
02. THE FINISH MACHINED/GROUND SURFACES SHALL BE PRESERVED AND PROTECTED SUITABLY TO AVOID ANY DAMAGE DURING HANDLING TRANSIT AND ASSEMBLY
03. USE DRILL JIG FOR DRILLING OF HOLES.
04. THREADING SHALL BE AS PER IS4218
05. AFTER MACHINING THE COMPONENT SHALL BE SUBJECTED TO SOLUTION CLEANING OR ULTRASONIC CLEANING AS PER APPROVED PROCEDURE



DN 250CF  
FIXED  
BLANK FLANG



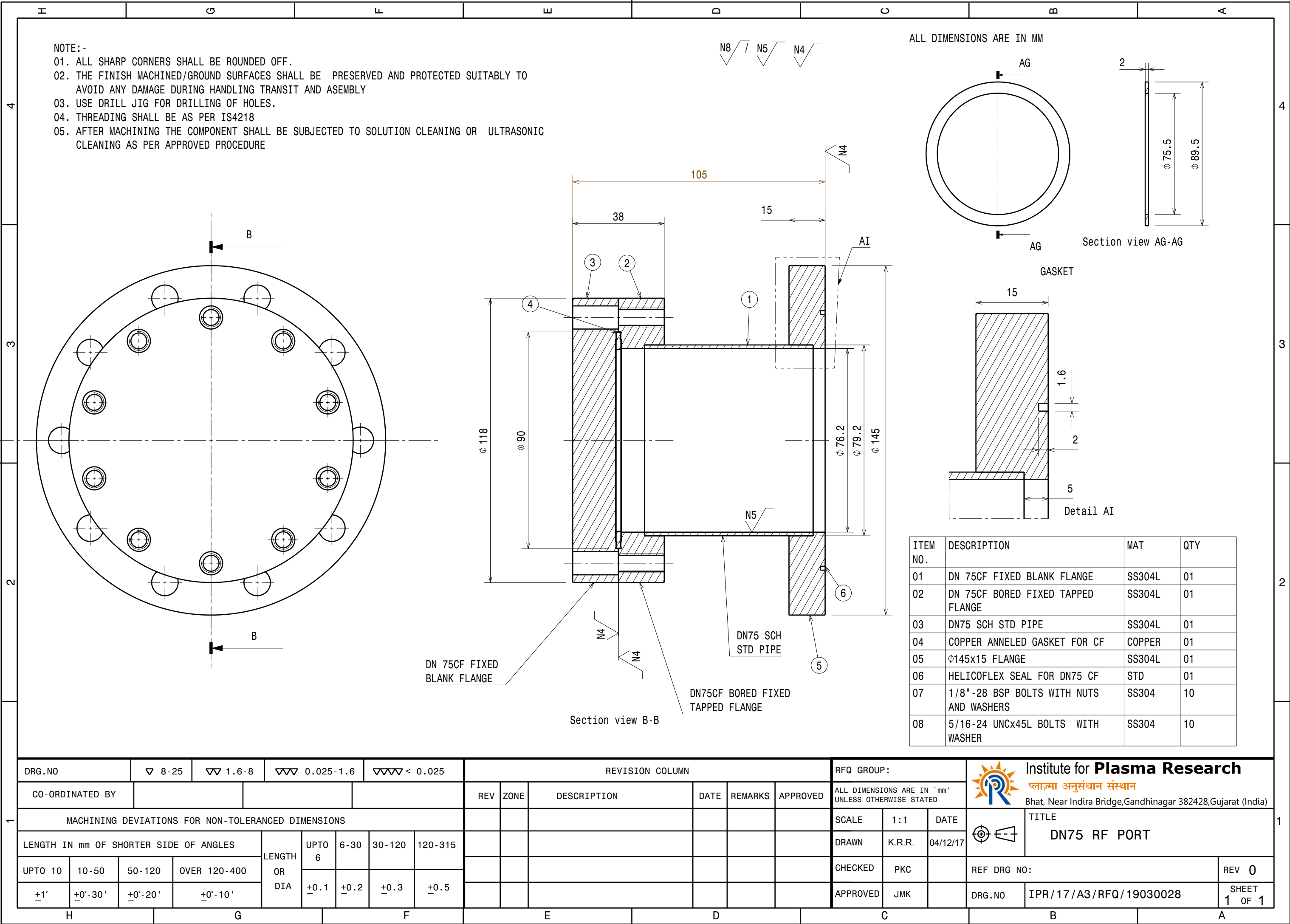
A diagram showing a circular cross-section of a lens. A vertical dashed line passes through the center of the circle, representing the optical axis. At the top and bottom of the circle, there are small black squares on the optical axis. A horizontal line segment connects the top square to the label 'AF'. Another horizontal line segment connects the bottom square to the label 'AF'. This indicates that the distance from the center of the lens to each focal point is AF.

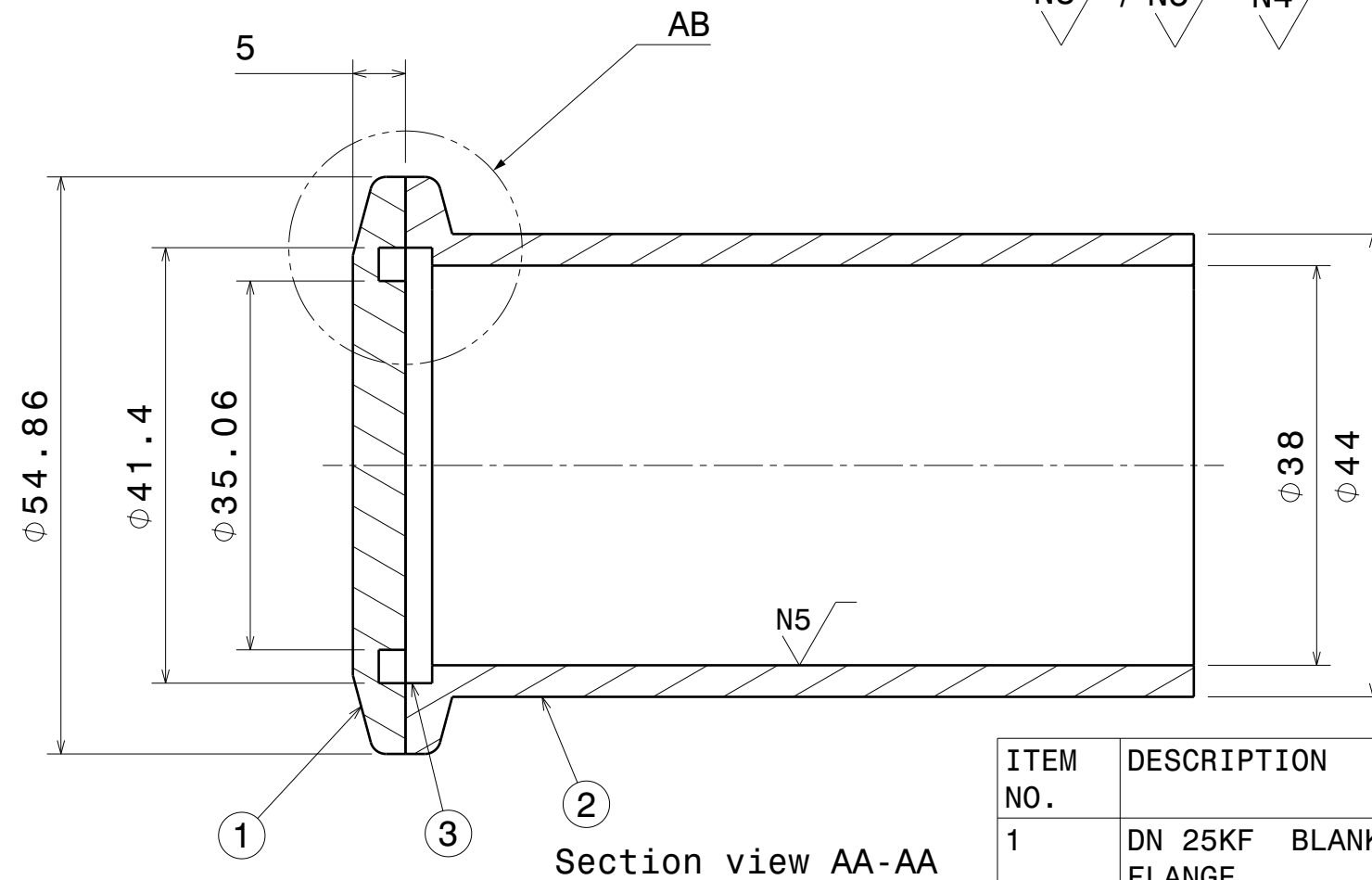
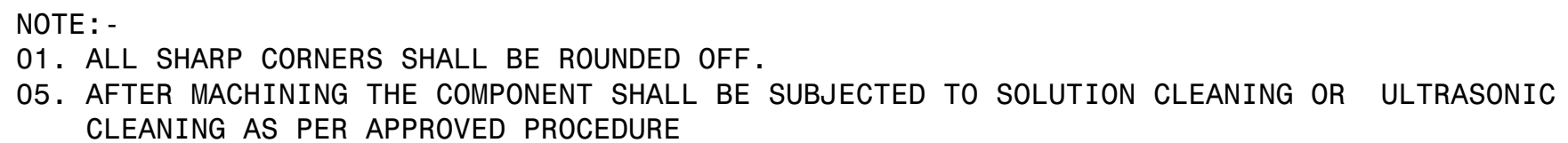
Section view AF-AF

ITEM NO.	DESCRIPTION	MAT	QTY
1	DN250 SCH40 PIPE	SS304L	01
2	DN250CF BORED FIXED TAPPED FLANGE	SS304L	01
3	DN250CF FIXED BLANK FLANGE	SS304L	01
4	COPPER ANNELED GASKET FOR CF	COPPER	01
5	Ø340x20 FLANGE	SS304L	01
6	HELICOFLEX SEAL FOR DN 250CF	STD	01
7	1/8" -28 BSP BOLTS WITH NUTS,WASHERS	SS304	32
8	5/16" -24 UNC x55L BOLTS AND WITH WASHERS	SS304	32



DRG.NO				▽ 8-25		▽▽ 1.6-8		▽▽▽ 0.025-1.6		▽▽▽ < 0.025		REVISION COLUMN						RFQ GROUP:			 <div>Institute for <b>Plasma Research</b> प्लाज्मा अनुसंधान संस्थान Bhat, Near Indira Bridge,Gandhinagar 382428,Gujarat (India)</div>				
CO-ORDINATED BY													REV	ZONE	DESCRIPTION		DATE	REMARKS	APPROVED	ALL DIMENSIONS ARE IN `mm` UNLESS OTHERWISE STATED					
MACHINING DEVIATIONS FOR NON-TOLERANCED DIMENSIONS																				SCALE	1:1	DATE	 TITLE DN250 VACUUM PORT		
LENGTH IN mm OF SHORTER SIDE OF ANGLES						LENGTH OR DIA	UPTO 6	6-30	30-120	120-315								DRAWN	K.R.R.	01/12/17					
UPTO 10	10-50	50-120	OVER 120-400															CHECKED	PKC		REF DRG NO:				REV 0
±1°	±0°-30 '	±0°-20 '	±0°-10 '					±0.1	±0.2	±0.3	±0.5								APPROVED	JMK		DRG.NO			IPR/17/A3/RFQ/19030027





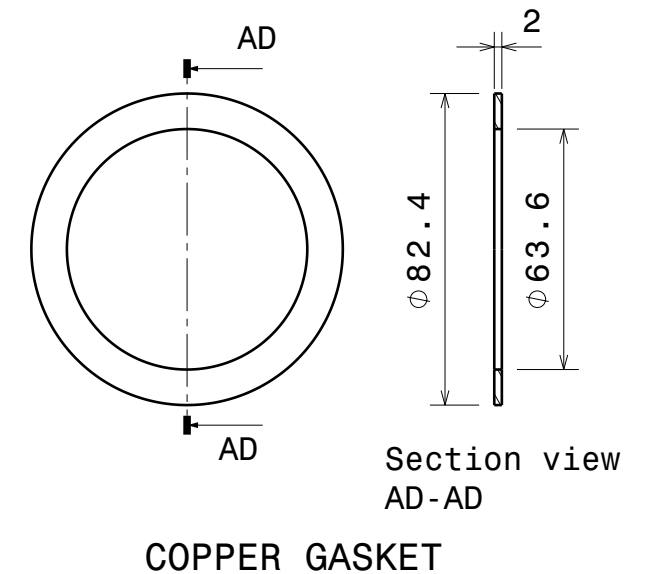
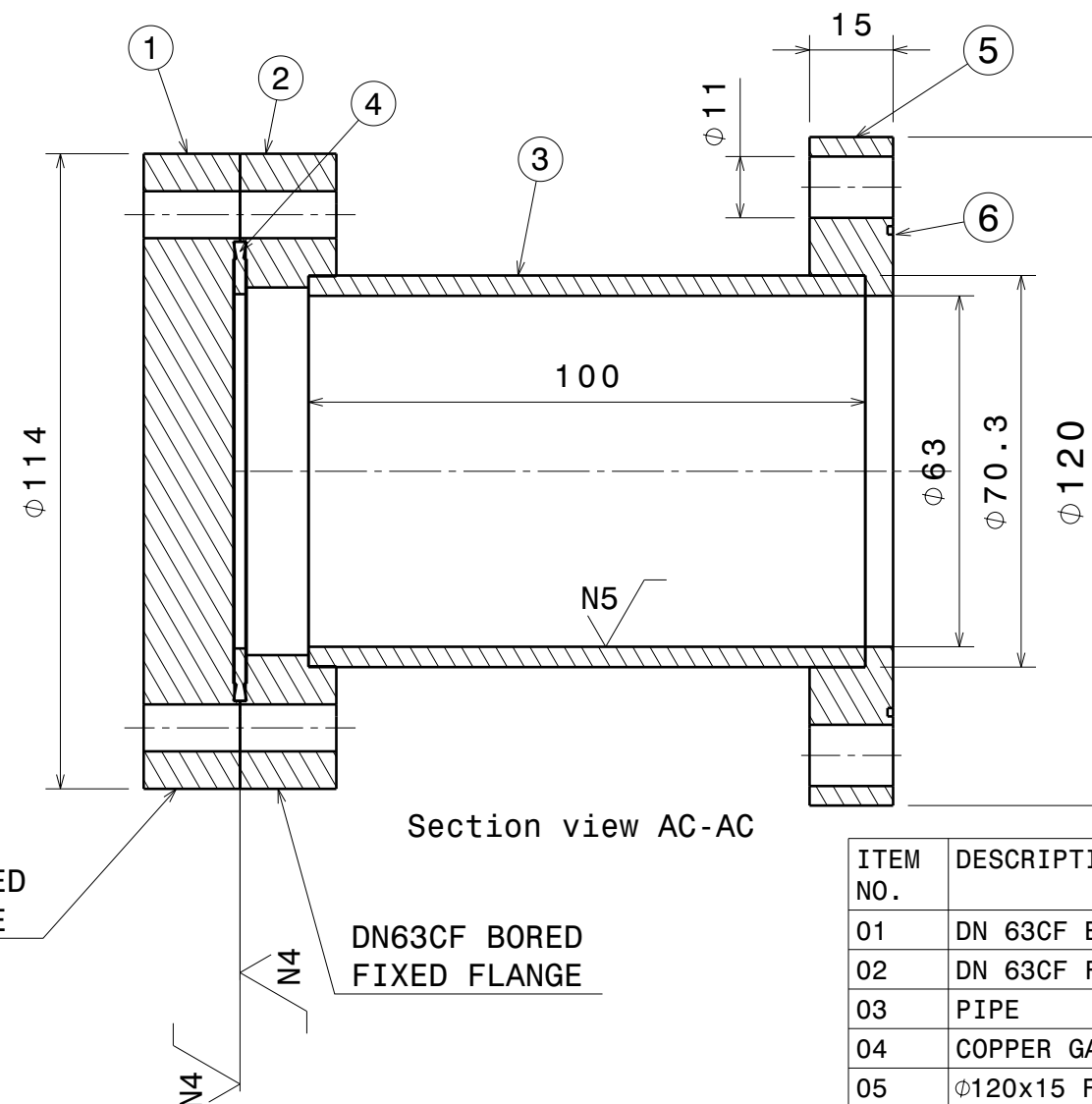


ITEM NO.	DESCRIPTION	MAT	QTY
1	DN 25KF BLANK FLANGE	AL6061 - T6	01
2	DN 25KF PIPE WITH FLANGE	AL6061 - T6	01
3	CENTERING RING SS WITH O-RING	VITON	01
4	CLAMP	STD	01



DRG.NO				▽ 8-25		▽▽ 1.6-8		▽▽▽ 0.025-1.6		▽▽▽▽ < 0.025		REVISION COLUMN					RFQ GROUP:			 <div>Institute for <b>Plasma Research</b> प्लाज्मा अनुसंधान संस्थान Bhat, Near Indira Bridge,Gandhinagar 382428,Gujarat (India)</div>			
CO-ORDINATED BY										REV	ZONE	DESCRIPTION	DATE	REMARKS	APPROVED	ALL DIMENSIONS ARE IN `mm` UNLESS OTHERWISE STATED							
MACHINING DEVIATIONS FOR NON-TOLERANCED DIMENSIONS																		SCALE	1:1	DATE	 TITLE DN 40KF PORT		
LENGTH IN mm OF SHORTER SIDE OF ANGLES						LENGTH OR DIA	UPTO 6	6-30	30-120	120-315							DRAWN	K.R.R.	06/12/17				
UPTO 10	10-50	50-120	OVER 120-400															CHECKED			REF DRG NO:		REV 0
±1"	±0"-30'	±0"-20'	±0"-10'		±0.1		±0.2	±0.3	±0.5									APPROVED			DRG.NO	IPR / 17 / A3 / RFQ / 19030029	

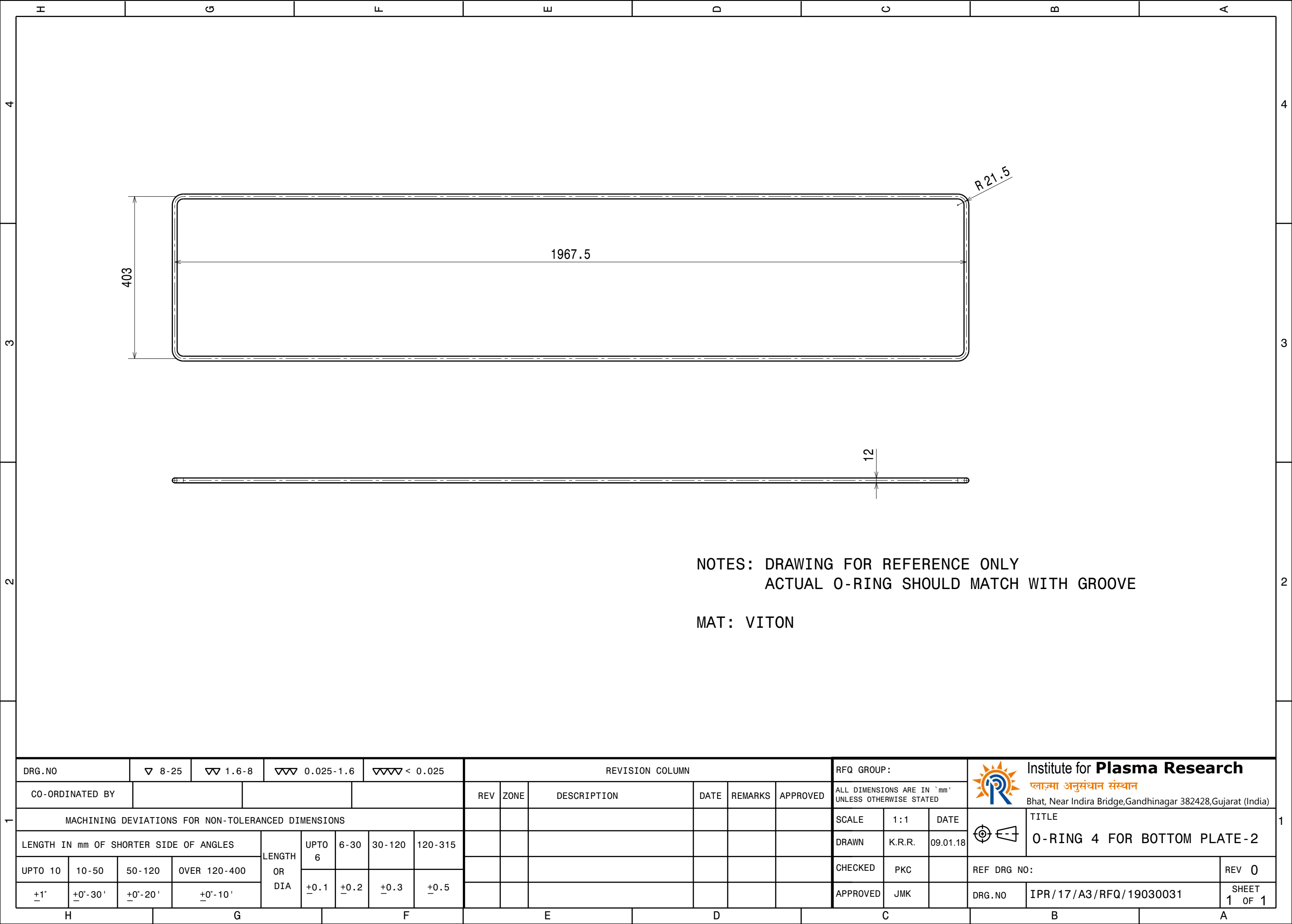
01. ALL SHARP CORNERS SHALL BE ROUNDED OFF.
02. THE FINISH MACHINED/GROUND SURFACES SHALL BE PRESERVED AND PROTECTED SUITABLY TO AVOID ANY DAMAGE DURING HANDLING TRANSIT AND ASEMBLY
03. USE DRILL JIG FOR DRILLING OF HOLES.
04. THREADING SHALL BE AS PER IS4218
05. AFTER MACHINING THE COMPONENT SHALL BE SUBJECTED TO SOLUTION CLEANING OR ULTRASONIC CLEANING AS PER APPROVED PROCEDURE

N8 / N5 N4



ITEM NO.	DESCRIPTION	MAT	QTY
01	DN 63CF BLANK FLANGE	SS304L	01
02	DN 63CF FIXED FLANGE	SS304L	01
03	PIPE	SS304L	01
04	COPPER GASKET	COPPER	01
05	Ø120x15 FLANGE	SS304L	01
06	HELICOFLEX SEAL FOR DN63CF	STD	01
07	1/8" -28 BSP NUTS WITH BOLTS WITH NUTS	SS304	08
05	M8x60L BOLTS WITH DOUBLE NUTS AND WASHERS	SS304	08

DRG.NO				▽ 8-25		▽▽ 1.6-8		▽▽▽ 0.025-1.6		▽▽▽▽ < 0.025		REVISION COLUMN						RFQ GROUP:			 <div>Institute for <b>Plasma Research</b> प्लाज्मा अनुसंधान संस्थान Bhat, Near Indira Bridge,Gandhinagar 382428,Gujarat (India)</div>		
CO-ORDINATED BY												REV	ZONE	DESCRIPTION	DATE	REMARKS	APPROVED	ALL DIMENSIONS ARE IN `mm` UNLESS OTHERWISE STATED					
MACHINING DEVIATIONS FOR NON-TOLERANCED DIMENSIONS																		SCALE	1:1	DATE		TITLE  DN 63CF PORT	
LENGTH IN mm OF SHORTER SIDE OF ANGLES						LENGTH OR DIA	UPTO 6	6-30	30-120	120-315							DRAWN	K.R.R.	05.12.17				
UPTO 10	10-50	50-120	OVER 120-400														CHECKED	PKC		REF DRG NO:			
+1"	+0"-30'	+0"-20'	+0"-10'				+0.1	+0.2	+0.3	+0.5							APPROVED	JMK		DRG.NO	IPR / 17 / A3 / RFQ / 19030030		SHEET 1 OF 1



[illegible]