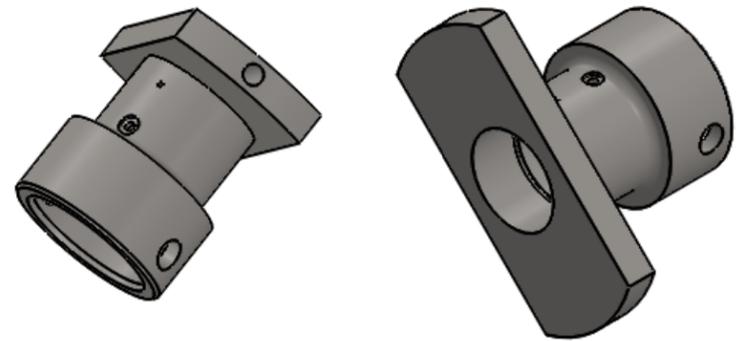


NOTES:

1. ALL MACHINING TOLERANCES TO +/-0.2mm EXCEPT WHERE SHOWN OTHERWISE.
2. AIR VENT THRU HOLES. SEE SECTION D-D.
3. THRU HOLES FOR TWO METRIC 9MM MACHINE SCREWS. SEE SECTION D-D.



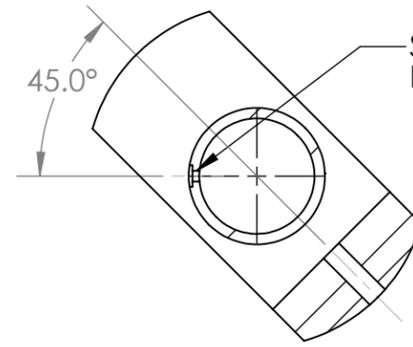
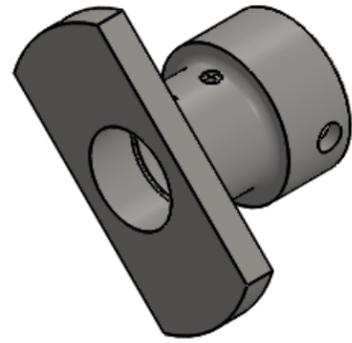
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TOLERANCES LINEAR DIMENSIONS					
OVER 0.5 TO 3	OVER 3 TO 6	OVER 6 TO 30	OVER 30 TO 120	OVER 120 TO 400	OVER 400 TO 1000
+/- 0.1	+/- 0.1	+/- 0.2	+/- 0.3	+/- 0.5	+/- 0.8
TOLERANCES ANGULAR DIMENSIONS					
10 OR LESS	OVER 10 TO 50	OVER 50 TO 120	OVER 120 TO 400	OVER 400	
+/- 1°	+/- 0°30'	+/- 0°20'	+/- 0°10'	+/- 0°5'	

PROPRIETARY AND CONFIDENTIAL
REFER TO UNITED KINGDOM ATOMIC ENERGY AUTHORITY CULHAM CENTRE FOR FUSION ENERGY DWG M1150123 ISSUE C. DWG PROPERTIES USED TO COMPLY WITH MAST RECIPROCATING PROBE INSTALLATION OF PROTON DETECTOR.

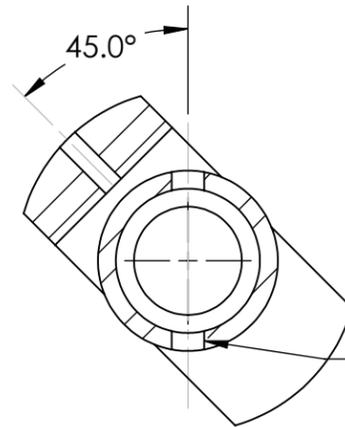
FIU INTERNATIONAL UNIVERSITY	
MATERIAL	SS316
NAME	DATE
DRAWN	RAMONA V PEREZ 05/27/13
CHECKED	RAMONA V PEREZ 07/02/13
UNLESS OTHERWISE STATED DIMENSIONS ARE IN MM	REMOVE ALL BURRS AND SHARP EDGES

TITLE: PROTON DETECTOR MAST CONNECTOR		
SIZE B	DWG. NO. MAST_connector_2	REV
SCALE: 1:2	WEIGHT: 0.49kg	SHEET 1 OF 2



SEE SECTION D-D OF PROTON DETECTOR MAST CONNECTOR SHEET 1.

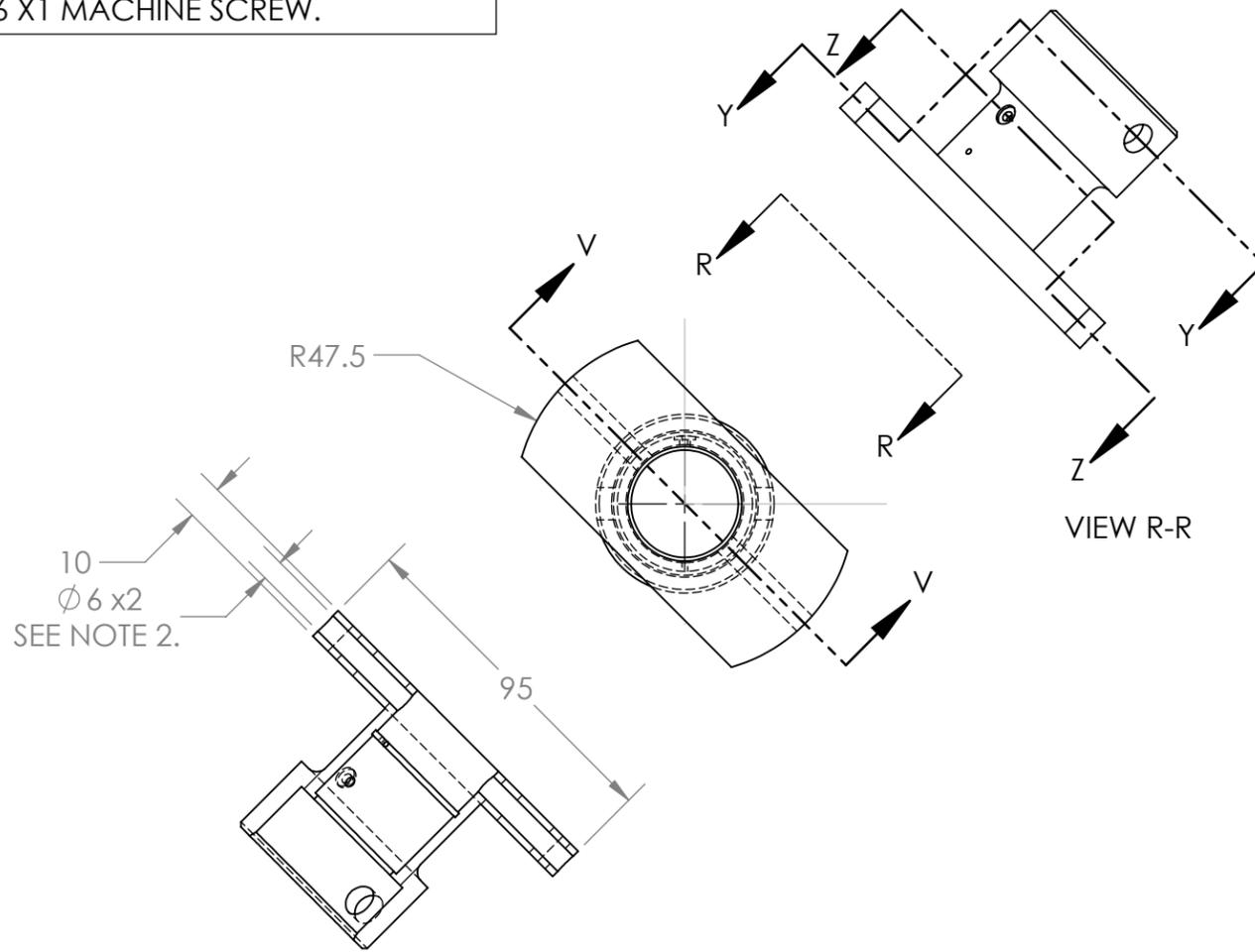
SECTION Z-Z



SEE SECTION D-D AND SECTION F-F OF PROTON DETECTOR MAST CONNECTOR SHEET 1.

SECTION Y-Y

NOTES:
 1. ALL MACHINING TOLERANCES TO +/-0.2mm EXCEPT WHERE SHOWN OTHERWISE.
 2. THREAD FOR M6 X1 MACHINE SCREW.



SECTION V-V

VIEW R-R

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TOLERANCES LINEAR DIMENSIONS					
OVER 0.5 TO 3	OVER 3 TO 6	OVER 6 TO 30	OVER 30 TO 120	OVER 120 TO 400	OVER 400 TO 1000
+/- 0.1	+/- 0.1	+/- 0.2	+/- 0.3	+/- 0.5	+/- 0.8
TOLERANCES ANGULAR DIMENSIONS					
10 OR LESS	OVER 10 TO 50	OVER 50 TO 120	OVER 120 TO 400	OVER 400	
+/- 1°	+/- 0°30'	+/- 0°20'	+/- 0°10'	+/- 0°5'	

PROPRIETARY AND CONFIDENTIAL
 REFER TO UNITED KINGDOM ATOMIC ENERGY AUTHORITY CULHAM CENTRE FOR FUSION ENERGY DWG M1150123 ISSUE C. DWG PROPERTIES USED TO COMPLY WITH MAST RECIPROCATING PROBE INSTALLATION OF PROTON DETECTOR.

DO NOT SCALE DRAWING

FIU FLORIDA INTERNATIONAL UNIVERSITY	
MATERIAL	SS316
NAME	DATE
DRAWN	RAMONA V PEREZ 05/27/13
CHECKED	RAMONA V PEREZ 07/02/13
UNLESS OTHERWISE STATED DIMENSIONS ARE IN MM	REMOVE ALL BURRS AND SHARP EDGES

TITLE: PROTON DETECTOR MAST CONNECTOR		
SIZE B	DWG. NO. MAST_connector_2	REV
SCALE: 1:2	WEIGHT: 0.49kg	SHEET 2 OF 2