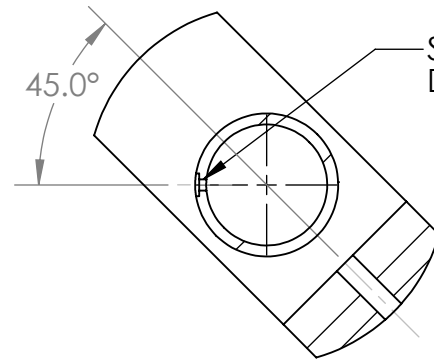
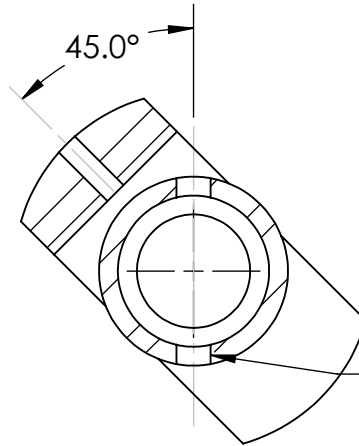


- NOTES:
1. ALL MACHINING TOLERANCES TO +/-0.2mm EXCEPT WHERE SHOWN OTHERWISE.
 2. THREAD FOR M6 X1 MACHINE SCREW.



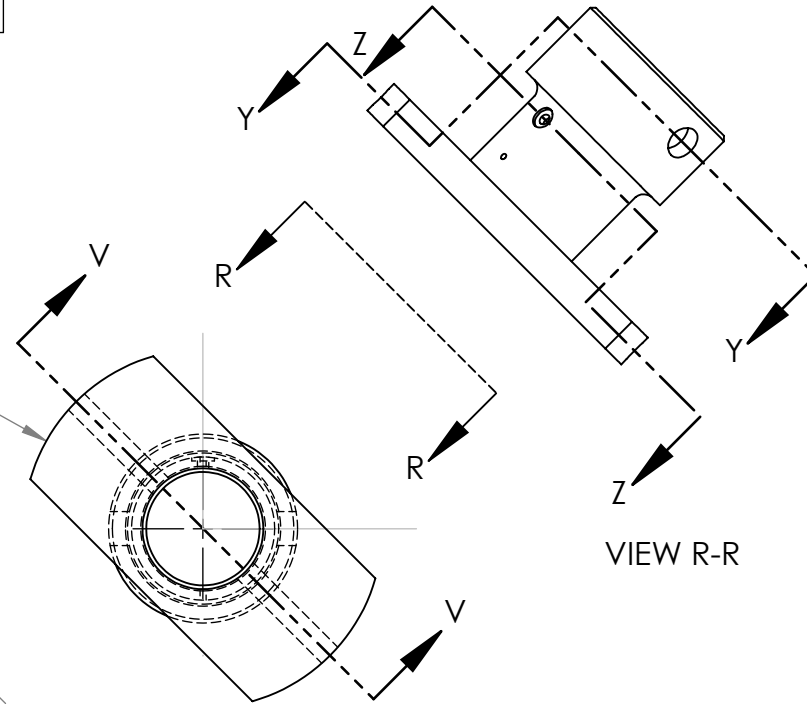
SEE SECTION D-D OF PROTON DETECTOR MAST CONNECTOR SHEET 1.

SECTION Z-Z

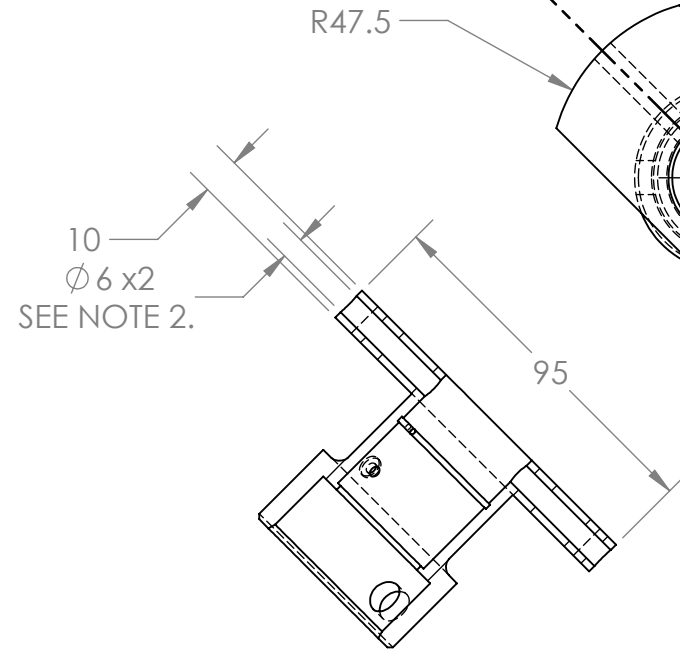


SEE SECTION D-D AND SECTION F-F OF PROTON DETECTOR MAST CONNECTOR SHEET 1.

SECTION Y-Y



VIEW R-R



SECTION V-V

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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



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