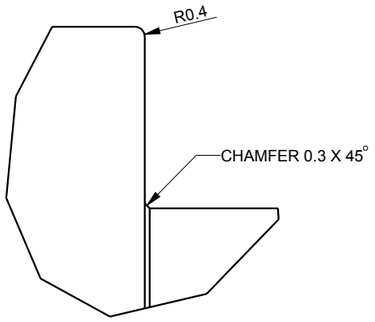
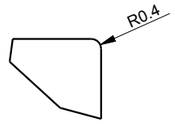
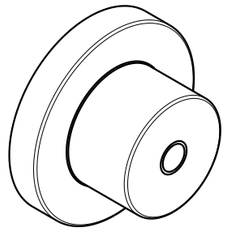
A
FIRST ISSUE



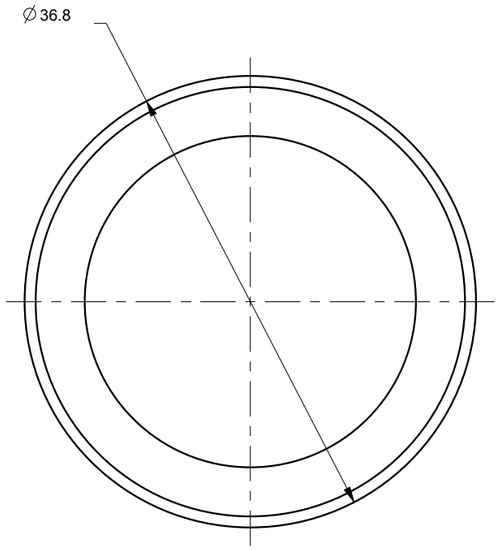
DETAIL A
SCALE 4:1

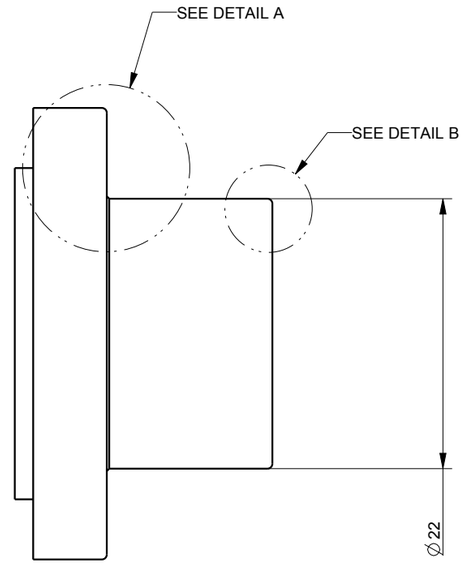


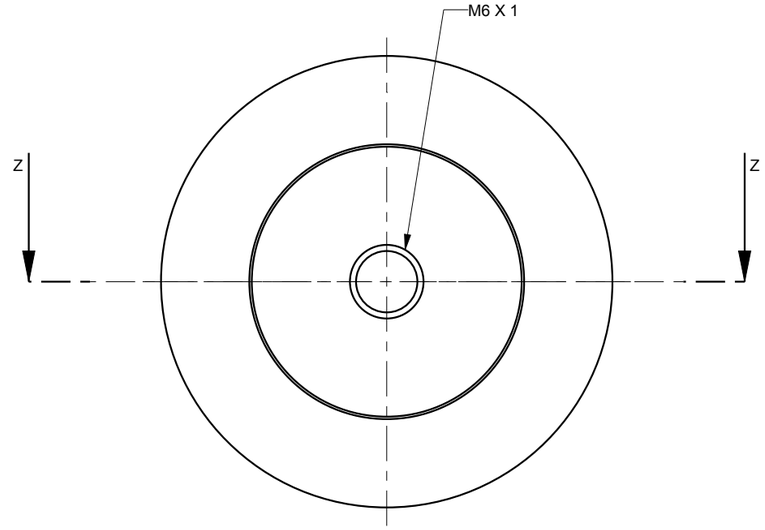
DETAIL B
SCALE 4:1

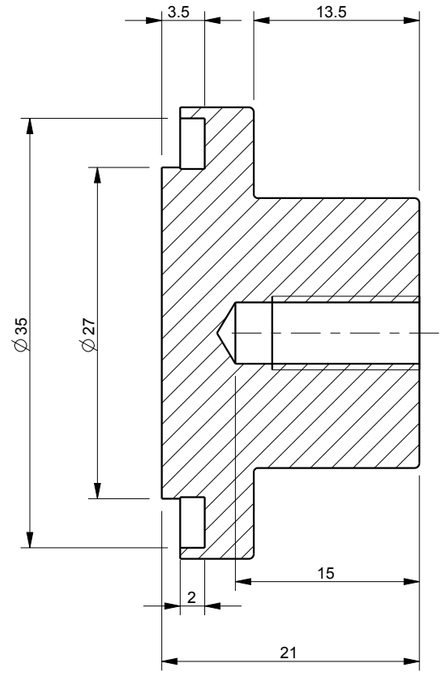


SCALE 1:1









SECTION Z-Z

SCALE 2:1

NOTES

* MATERIAL: MILD STEEL

  MATERIAL SPECIFICATION:

  BS EN 10025-2:2003 GRADE S275JR

* FINISH: ZINC PLATE AND CLEAR PASSIVATE TO BS EN ISO 2081:2008 Fe/Zn25/A

* REMOVE ALL BURRS & SHARP EDGES

* GENERAL SURFACE FINISH Ra 1.6 MICRO METER UNLESS OTHERWISE STATED

* ALL SCREW THREADS TO BS 3643 ISO METRIC COARSE SERIES, MEDIUM FIT UNLESS OTHERWISE STATED

* LABEL TO BE ATTACHED TO PACKAGING SHOWING PART NUMBER: 1182260.

TOLERANCE TABLE BS EN 22768-1:1993-m							
>0.5 UP TO 3	OVER 3 UP TO 6	OVER 6 UP TO 30	OVER 30 UP TO 120	OVER 120 UP TO 400	OVER 400 UP TO 1000	OVER 1000 UP TO 2000	OVER 2000 UP TO 4000
± 0.1	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8	± 1.2	±2

ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED

DRG. PRACTICE TO B.S. 8888 THIRD ANGLE PROJECTION
TOLERANCING UNLESS OTHERWISE STATED TO BS EN 22768 m K

No part of this drawing may be reproduced, stored or transmitted by electronic or other means except with the prior written permission of Diamond Light Source Ltd. Nor may this drawing be used for any purpose other than that it was supplied for.

© 2022 DIAMOND LIGHT SOURCE LTD

DIAMOND LIGHT SOURCE LTD.
DIAMOND HOUSE
HARWELL SCIENCE AND
INNOVATION CAMPUS,
DIDCOT, OXFORDSHIRE,
OX11 0DE

THIS REVISION		TITLE		
DRN DATE	AWM 20/7/22	BEAMLINE I12 PLUNGER TOP AUTOCLAVE ASSEMBLY		
CHK DATE	SG 29/07/22			
APPD DATE	MHB 29/07/22	ORIGINATOR/DATE AWM 20/7/22	DRG STATUS	Approved
PDMLink		DRG No. 1182260	SHEET 1 OF 1	REV. A