

**A**

FIRST ISSUE

**B**

**C**

**D**

**E**

**F**

**G**

**H**

**J**

**K**

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: 1182262.

SECTION Z-Z

M40 X 1.25

SCALE 1:1

CHAMFER 1.5 X 45°  
12 PLACES

SCALE 2:1


>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

**diamond**

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

THIS REVISION		TITLE	
DRN DATE	AWM 20/07/22	BEAMLINE I12 AUTOCLAVE SCREW TOP MALE AUTOCLAVE ASSEMBLY	
CHK DATE	SG 29/07/22		
APPD DATE	MHB 29/07/22	ORIGINATOR/DATE AWM 20/07/22	DRG STATUS Approved
PDMLink	DRG No.	1182262	SHEET 1 OF 1 REV. A

TOLERANCE TABLE BS EN 22768-1:1993-m							
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± 0.1	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8	± 1.2	± 2

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