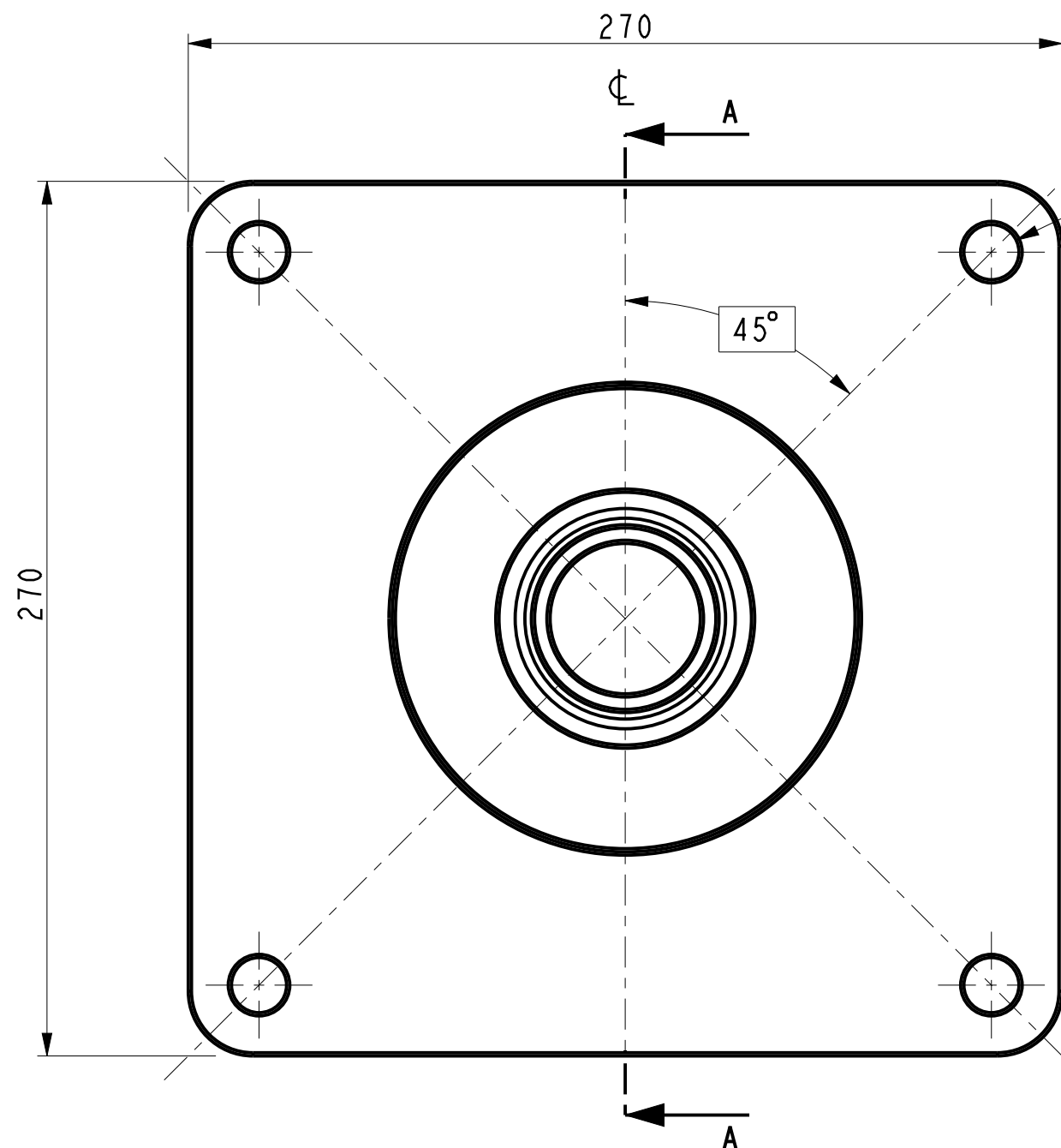

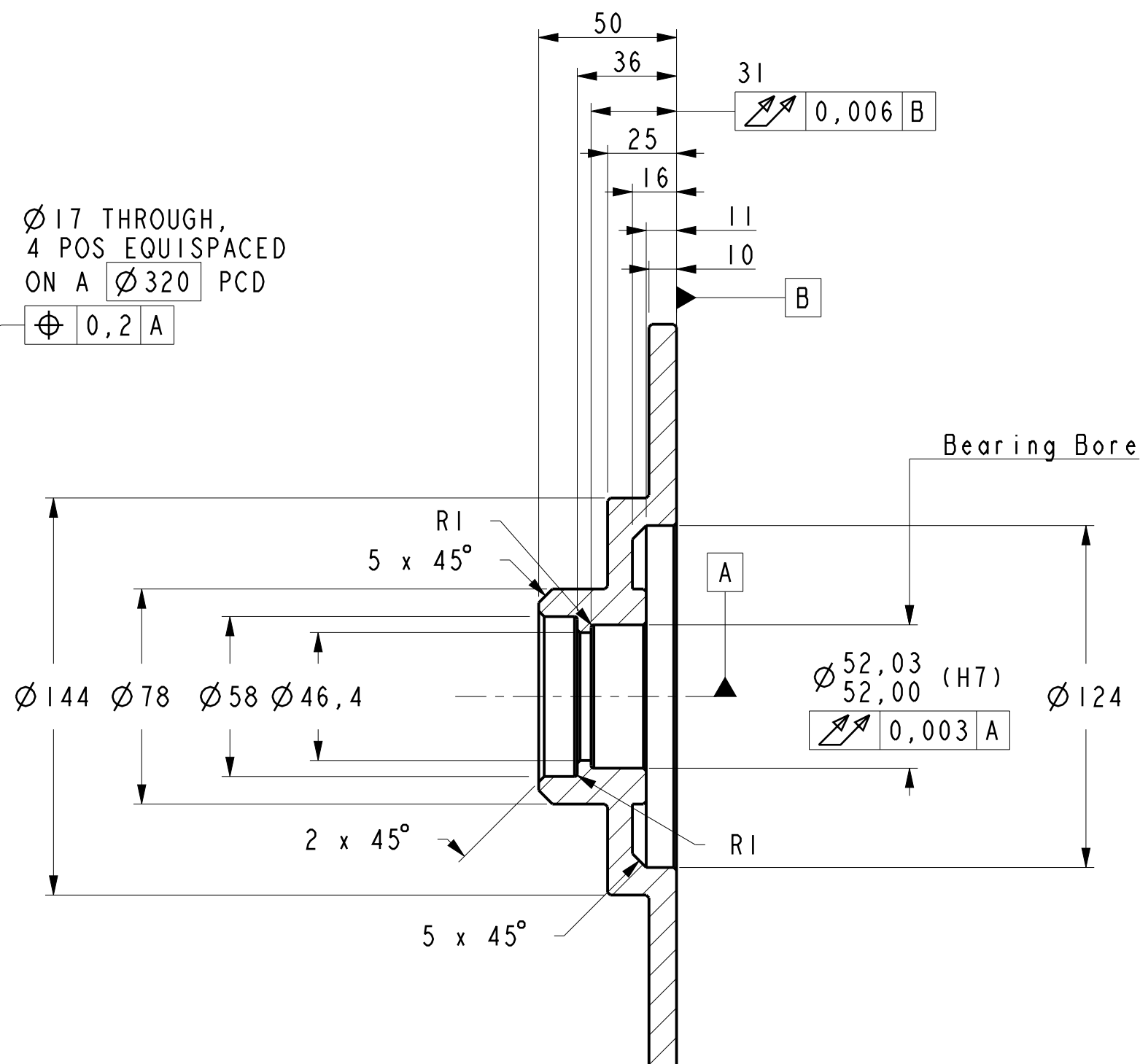


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


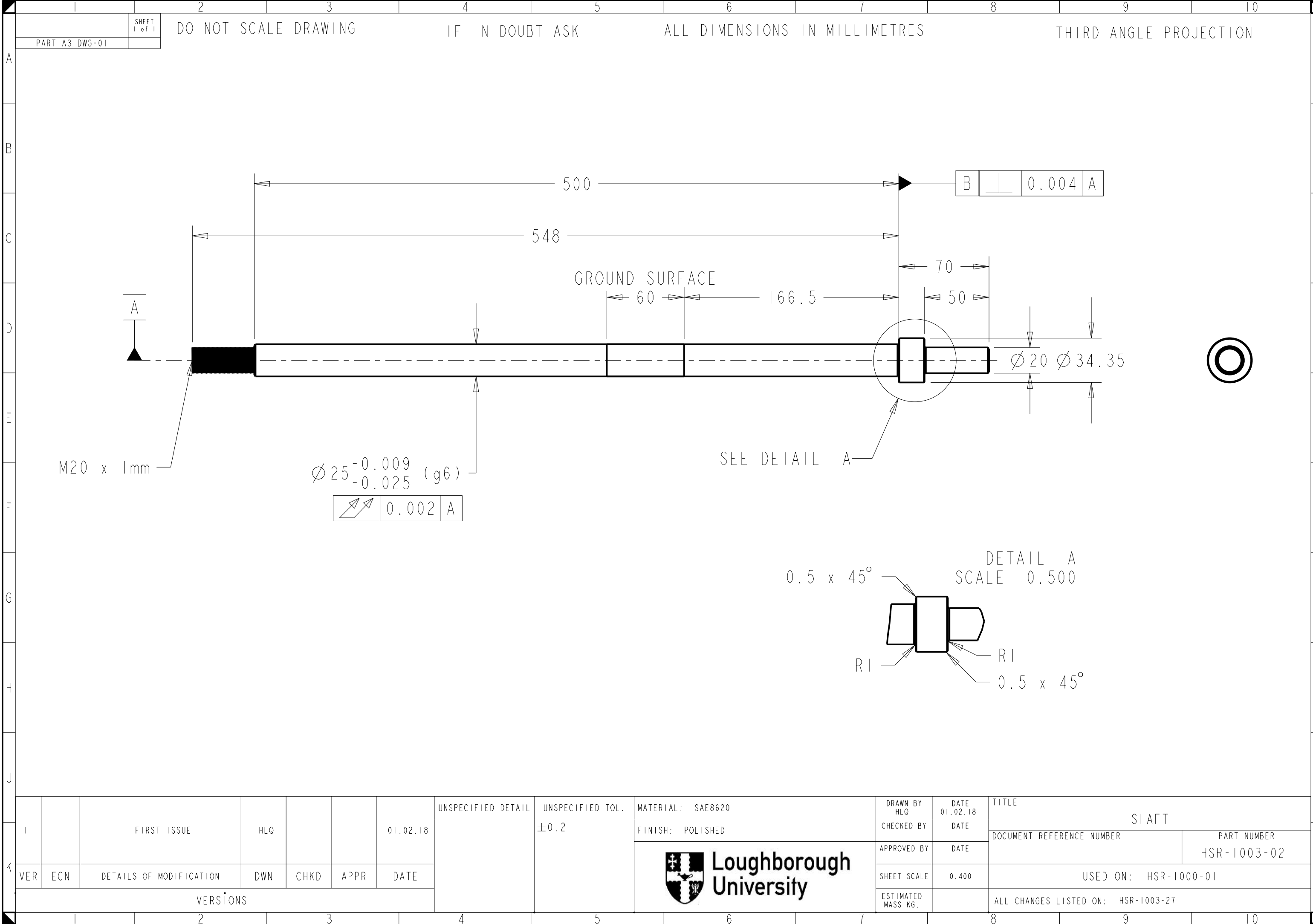
Ø 17 THROUGH,
4 POS EQUISPACED
ON A Ø 320 PCD

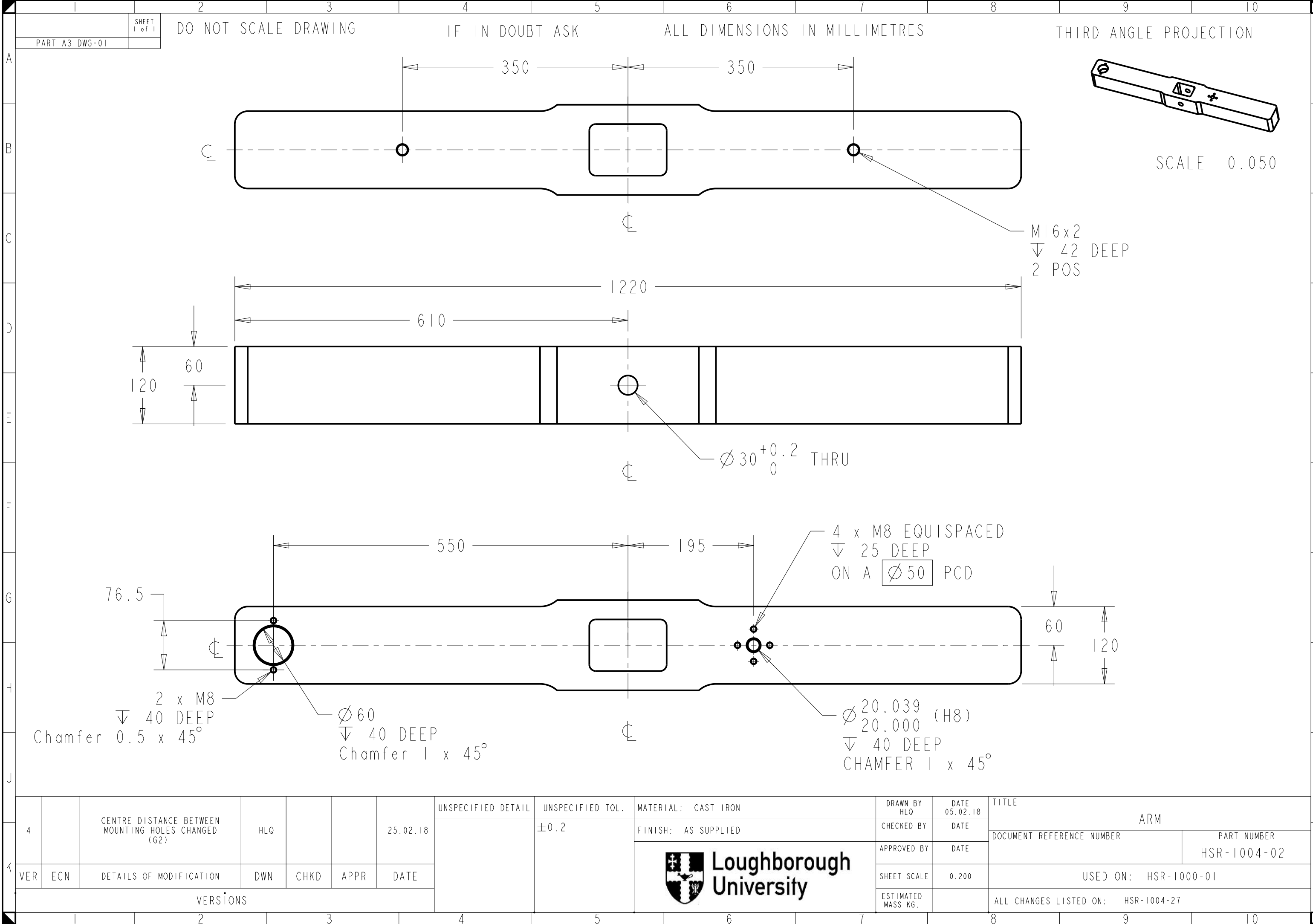
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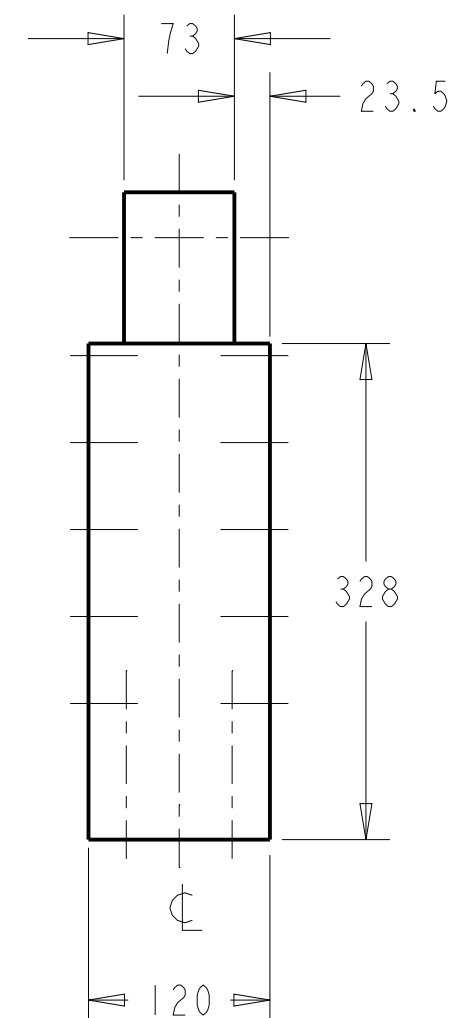
SECTION A - A

K	2	PCD FOR MOUNTING HOLES CORRECTED TO 320MM (D:6)	HLO			14.01.18	UNSPECIFIED DETAIL	UNSPECIFIED TOL.	MATERIAL: ALUMINIUM 6061	DRAWN BY HLO	DATE 14.01.18	TITLE ENDBRACKET			
	VER	ECN	DETAILS OF MODIFICATION	DWN	CHKD	APPR	DATE	BREAK ALL SHARP EDGES	±0.2	FINISH: AS SUPPLIED	CHECKED BY	DATE	DOCUMENT REFERENCE NUMBER		PART NUMBER
										 Loughborough University	APPROVED BY	DATE	USED ON: HSR-1000-01		HSR-1002-02
											SHEET SCALE	0.500			
											ESTIMATED MASS KG.				
VERSIONS												ALL CHANGES LISTED ON: HSR-1002-27			
	1		2		3		4	5	6	7		8		9	10



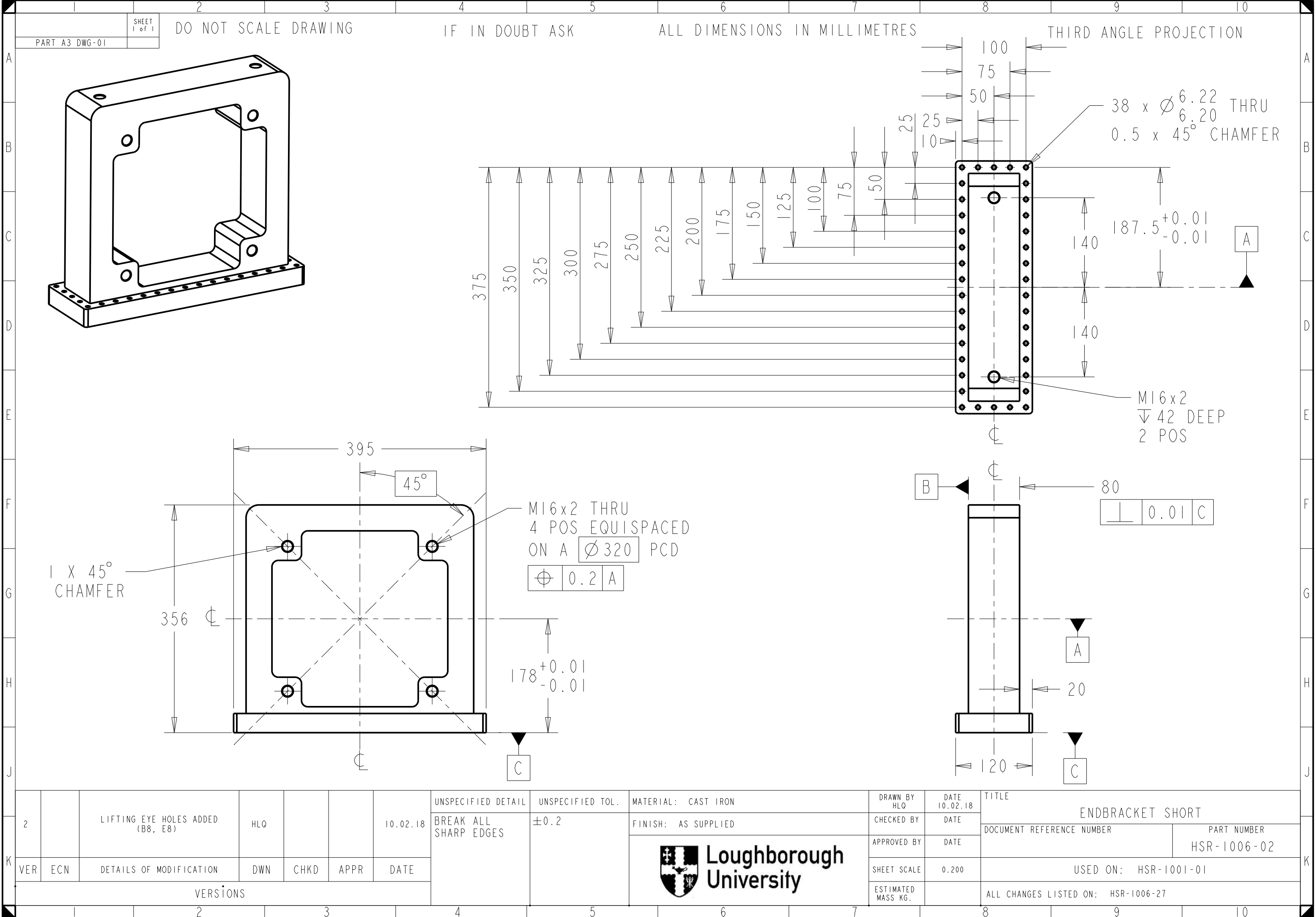


K	4		CENTRE DISTANCE BETWEEN MOUNTING HOLES CHANGED (G2)	HLO		25.02.18	UNSPECIFIED DETAIL	UNSPECIFIED TOL.	MATERIAL: CAST IRON	DRAWN BY HLO	DATE 05.02.18	TITLE		
												ARM		
								±0.2	FINISH: AS SUPPLIED	CHECKED BY	DATE	DOCUMENT REFERENCE NUMBER		PART NUMBER
									 Loughborough University	APPROVED BY	DATE	HSR-1004-02		
	VER	ECN	DETAILS OF MODIFICATION	DWN	CHKD	APPR	DATE			SHEET SCALE	0.200	USED ON: HSR-1000-01		
	VERSIONS									ESTIMATED MASS KG.		ALL CHANGES LISTED ON: HSR-1004-27		
			2		3		4	5		6	7	8	9	10



CAD REFERENCE: HINGE_BASE

DO NOT MANUALLY UPDATE



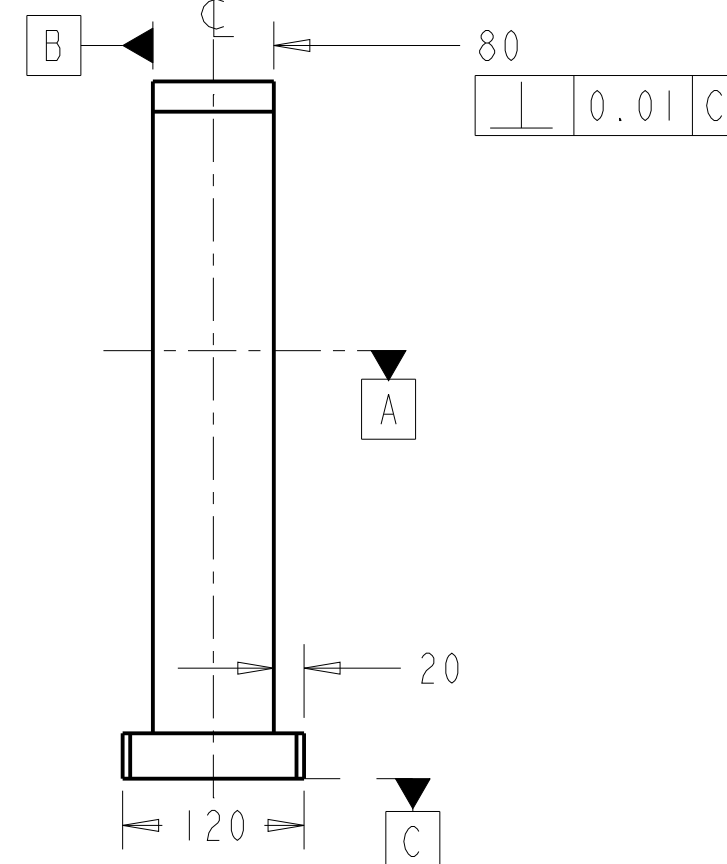
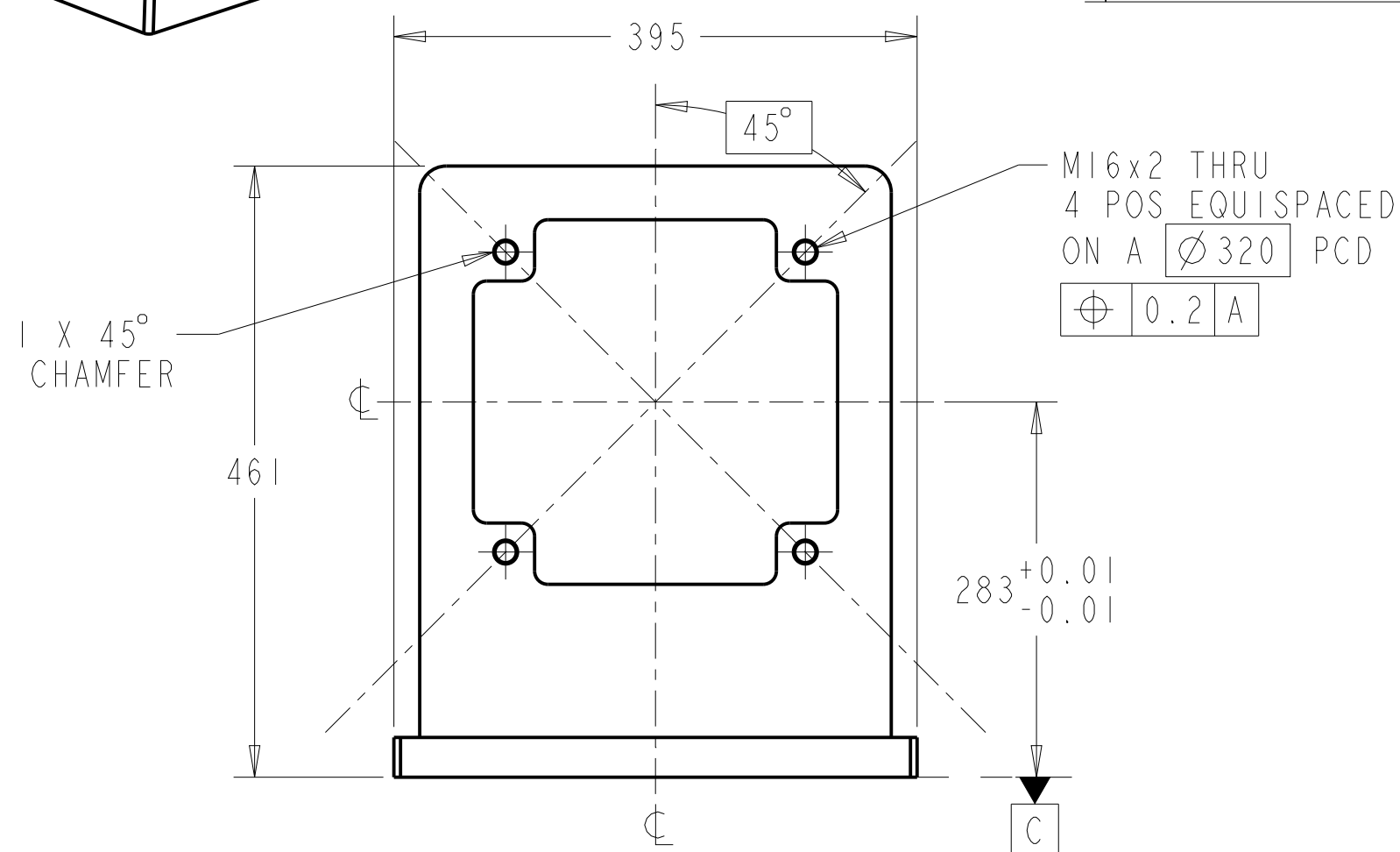
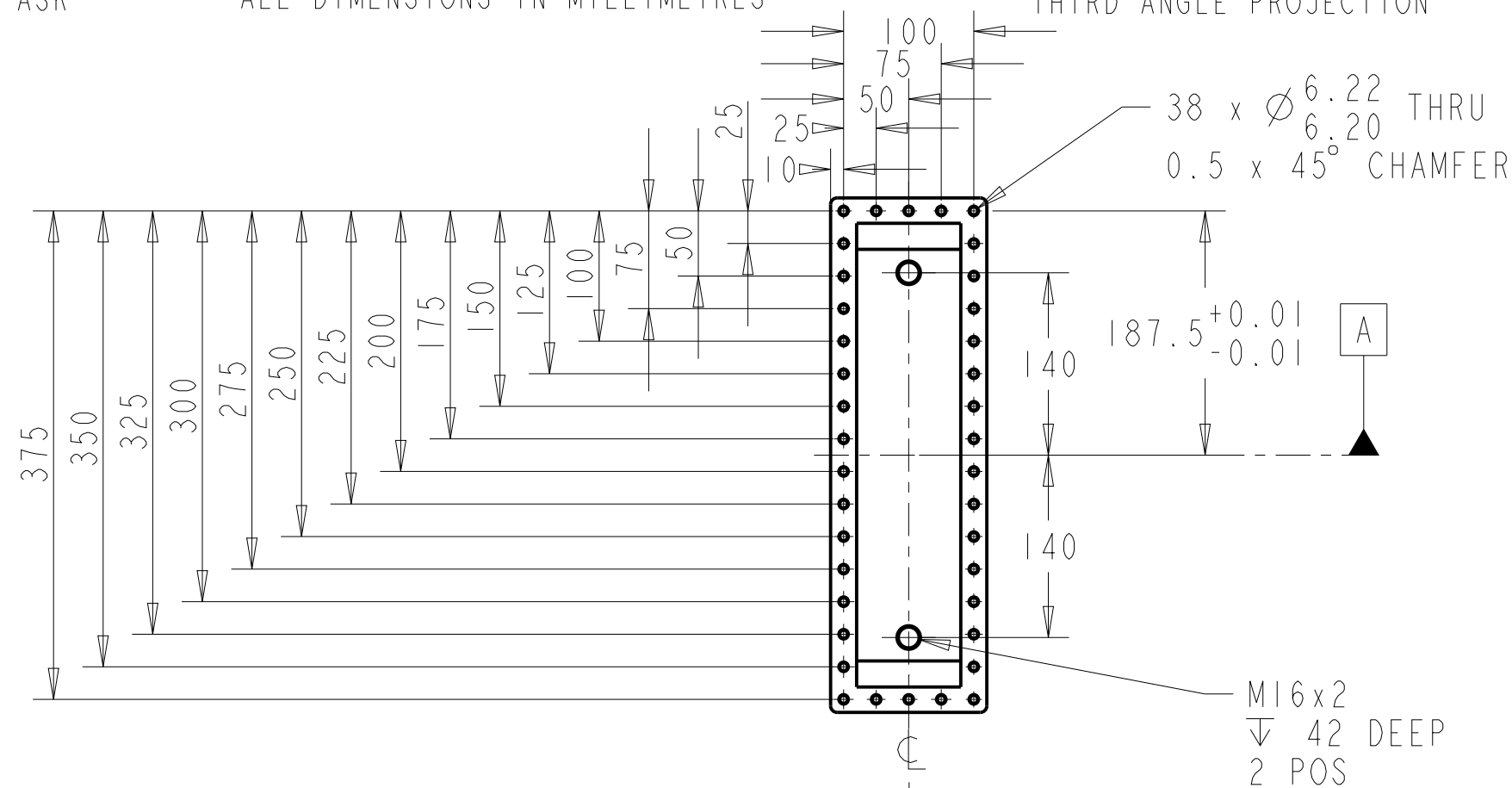
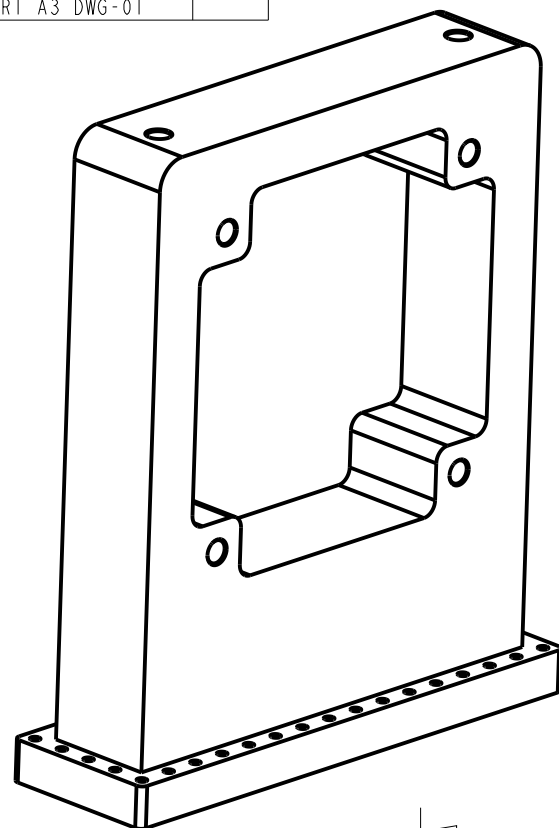
2		LIFTING EYE HOLES ADDED (B8, E8)		HLO		10.02.18		UNSPECIFIED DETAIL		UNSPECIFIED TOL.		MATERIAL: CAST IRON		DRAWN BY HLO		DATE 10.02.18		TITLE	
								BREAK ALL SHARP EDGES		±0.2		FINISH: AS SUPPLIED		CHECKED BY		DATE		ENDBRACKET SHORT	
VER		ECN		DETAILS OF MODIFICATION		DWN		CHKD		APPR		DATE		APPROVED BY		DATE		DOCUMENT REFERENCE NUMBER	
																		PART NUMBER	
																		HSR-1006-02	
																		USED ON: HSR-1001-01	
																		ALL CHANGES LISTED ON: HSR-1006-27	


DO NOT SCALE DRAWING

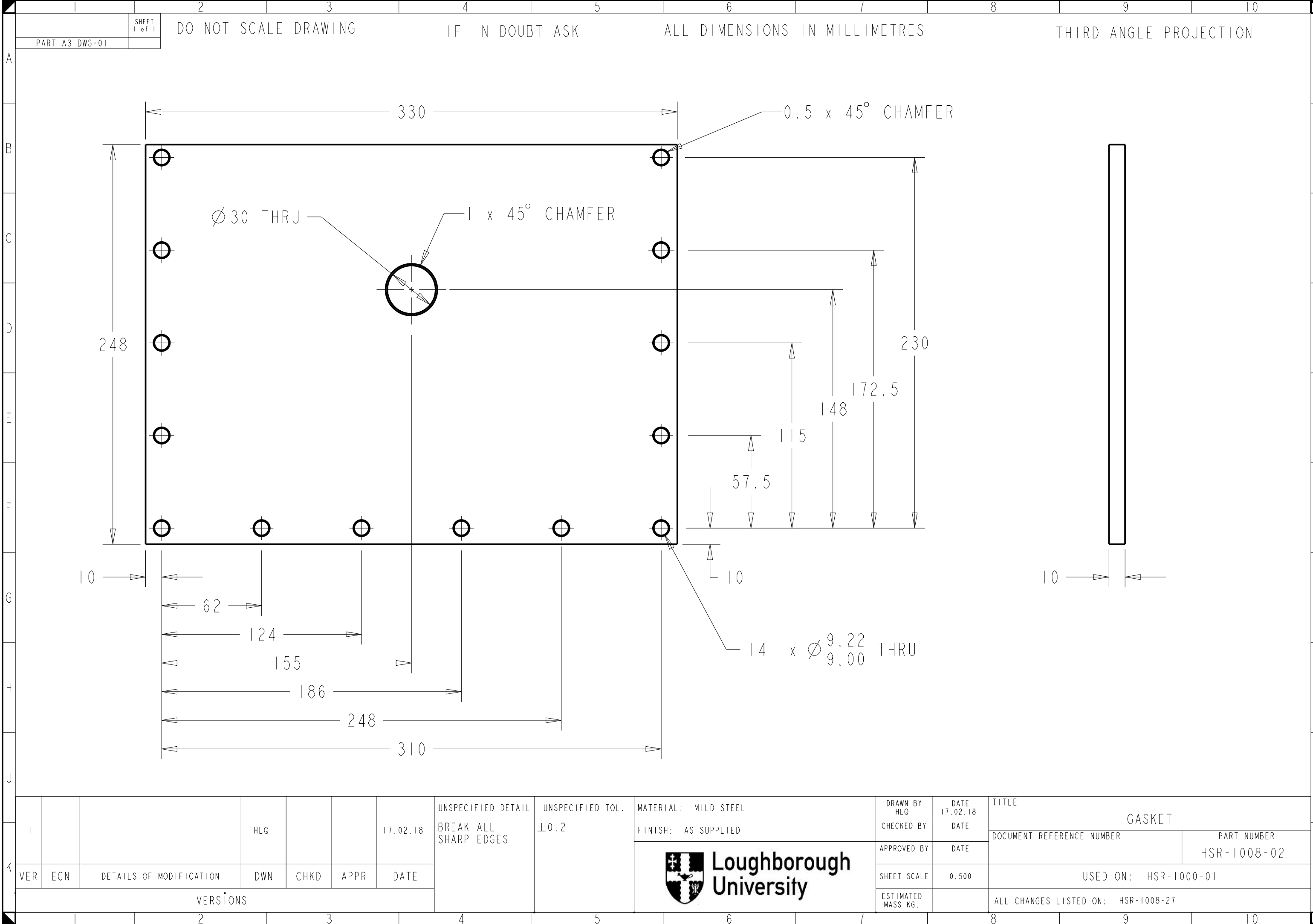
IF IN DOUBT ASK

ALL DIMENSIONS IN MILLIMETRES

THIRD ANGLE PROJECTION




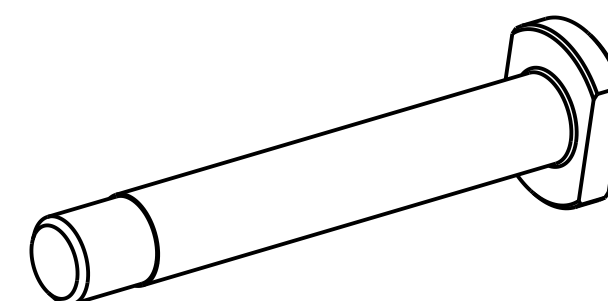
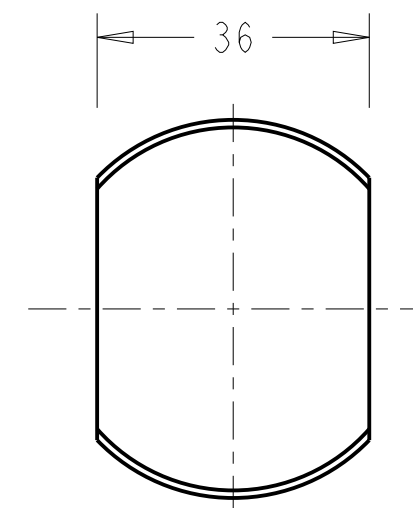
							UNSPECIFIED DETAIL	UNSPECIFIED TOL.	MATERIAL: CAST IRON	DRAWN BY HLQ	DATE 10.02.18	TITLE BRACKET HOLDER TALL			
I		FIRST ISSUE		HLQ		10.02.18	BREAK ALL SHARP EDGES	±0.2	FINISH: AS SUPPLIED	CHECKED BY	DATE	DOCUMENT REFERENCE NUMBER		PART NUMBER HSR-1007-02	
VER	ECN	DETAILS OF MODIFICATION		DWN	CHKD	APPR			DATE	 Loughborough University	APPROVED BY	DATE	USED O: HSR-1000-01		
											SHEET SCALE	0.200			
VERSIONS											ESTIMATED MASS KG.		ALL CHANGES LISTED ON: HSR-1007-27		



		SHEET 1 of 1
PART A3 DWG-01		

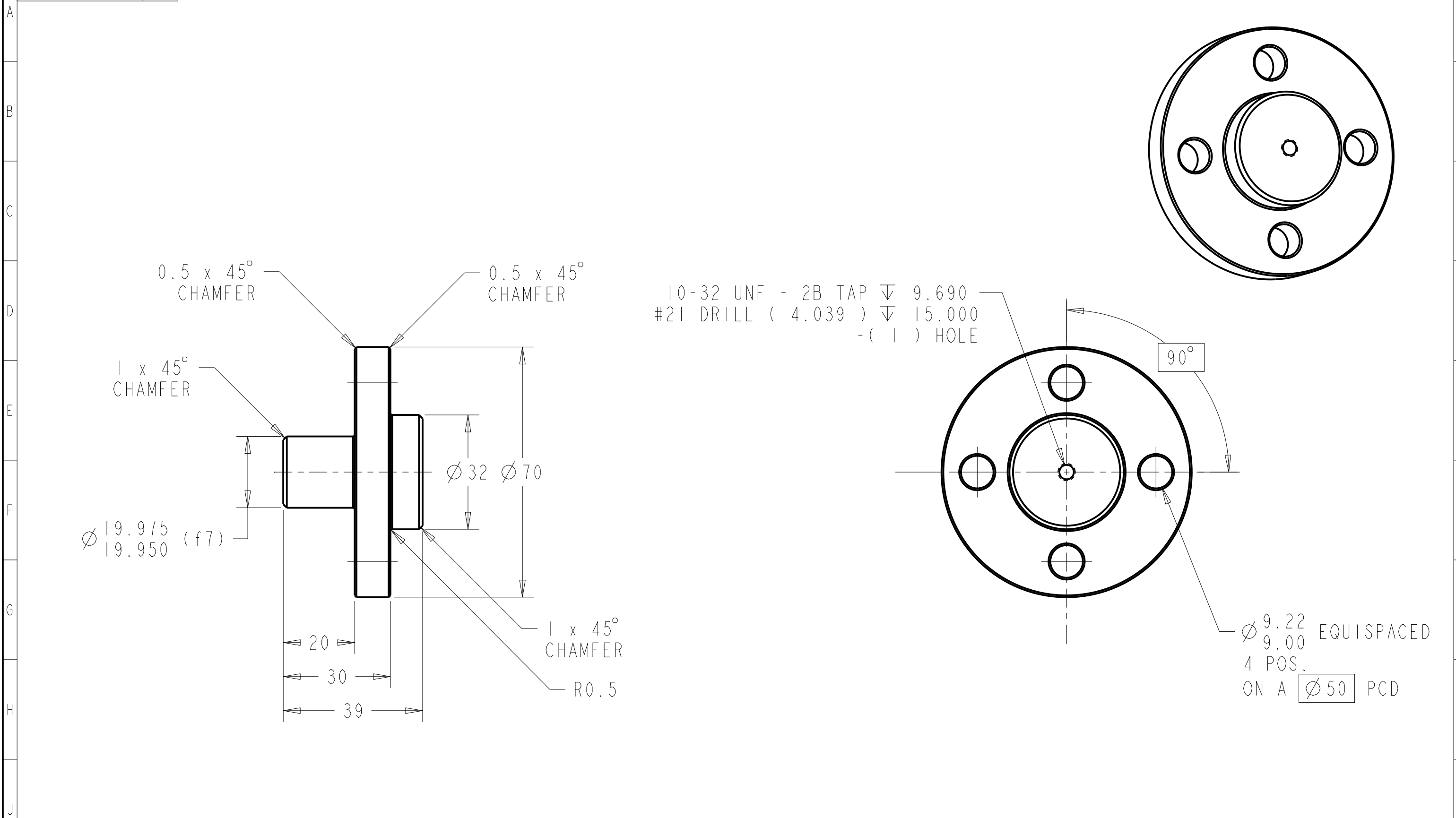
DO NOT SCALE DRAWING IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES THIRD ANGLE PROJECTION

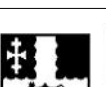
K	I			HLO			17.02.18	UNSPECIFIED DETAIL	UNSPECIFIED TOL.	MATERIAL: MILD STEEL	DRAWN BY HLO	DATE 17.02.18	TITLE		
								BREAK ALL SHARP EDGES	±0.2	FINISH: AS SUPPLIED	CHECKED BY	DATE	GASKET		
														DOCUMENT REFERENCE NUMBER	PART NUMBER
															HSR-1008-02
	VER	ECN	DETAILS OF MODIFICATION		DWN	CHKD	APPR	DATE		 Loughborough University	APPROVED BY	DATE			
	VERSIONS										SHEET SCALE	0.500	USED ON: HSR-1000-01		
											ESTIMATED MASS KG.		ALL CHANGES LISTED ON: HSR-1008-27		

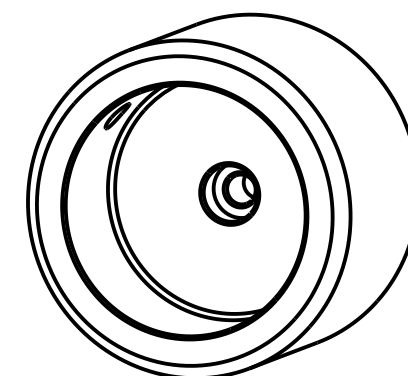


SCALE 0.500

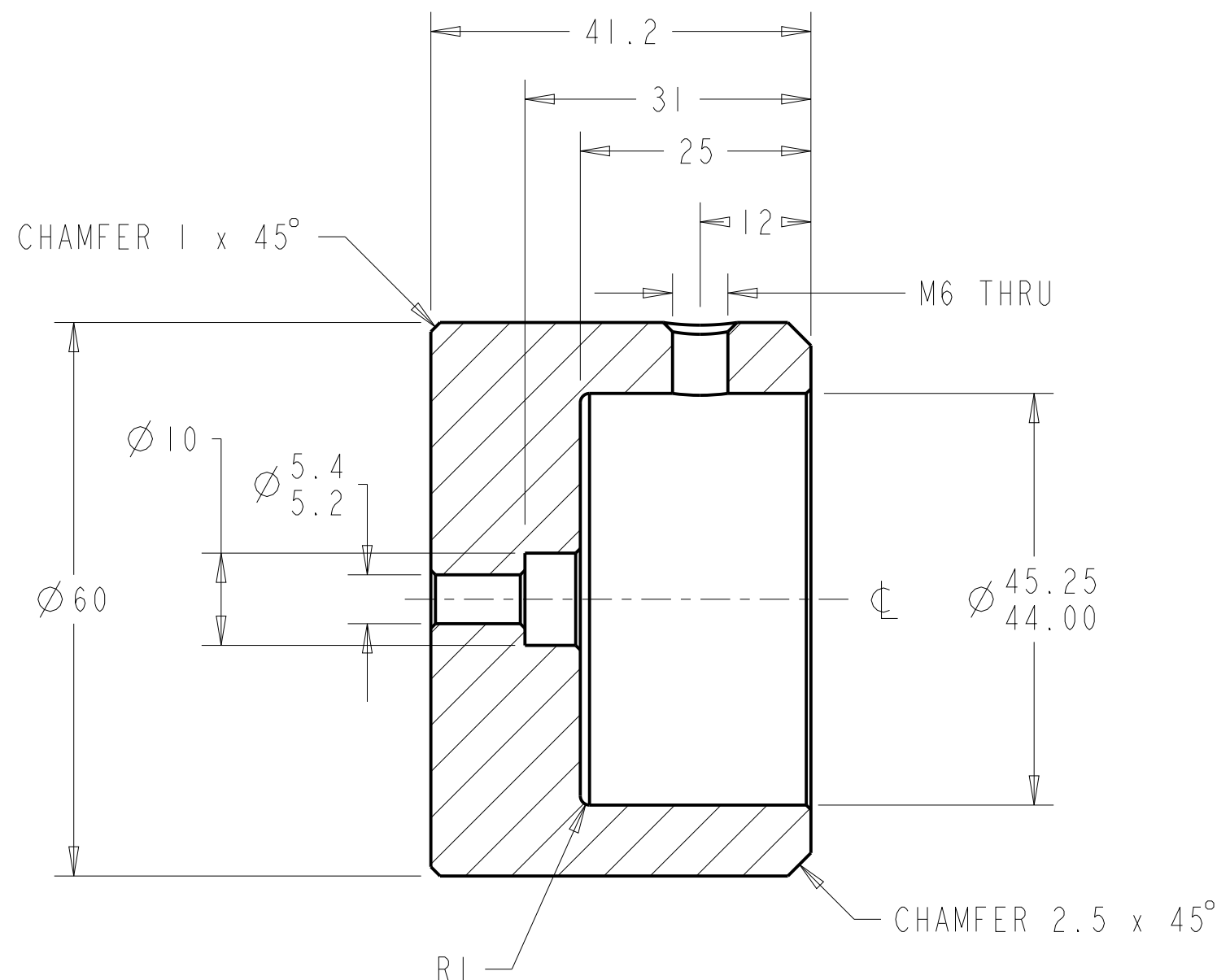
							UNSPECIFIED DETAIL	UNSPECIFIED TOL.	MATERIAL: SAE8620	DRAWN BY HLO	DATE 17.02.18	TITLE			
I		FIRST ISSUE	HLO			17.02.18		±0.2	FINISH: AS SUPPLIED	CHECKED BY	DATE	HINGE PIN			
											APPROVED BY	DATE	DOCUMENT REFERENCE NUMBER	PART NUMBER	
VER	ECN	DETAILS OF MODIFICATION	DWN	CHKD	APPR	DATE								HSR-1009-02	
VERSIONS														USED ON: HSR-1000-01	
														ALL CHANGES LISTED ON: HSR-1009-27	



K								UNSPECIFIED DETAIL	UNSPECIFIED TOL.	MATERIAL: MILD STEEL	DRAWN BY HLO	DATE 18.02.18	TITLE	
	I				HLO								Load Ball Holder	
									±0.2	FINISH: AS SUPPLIED	CHECKED BY	DATE	DOCUMENT REFERENCE NUMBER	
										 Loughborough University	APPROVED BY	DATE	PART NUMBER HSR-1010-02	
	VER	ECN	DETAILS OF MODIFICATION			DWN	CHKD	APPR	DATE		SHEET SCALE	1.000	USED ON: HSR-1000-01	
VERSIONS											ESTIMATED MASS KG.		ALL CHANGES LISTED ON: HSR-1010-27	

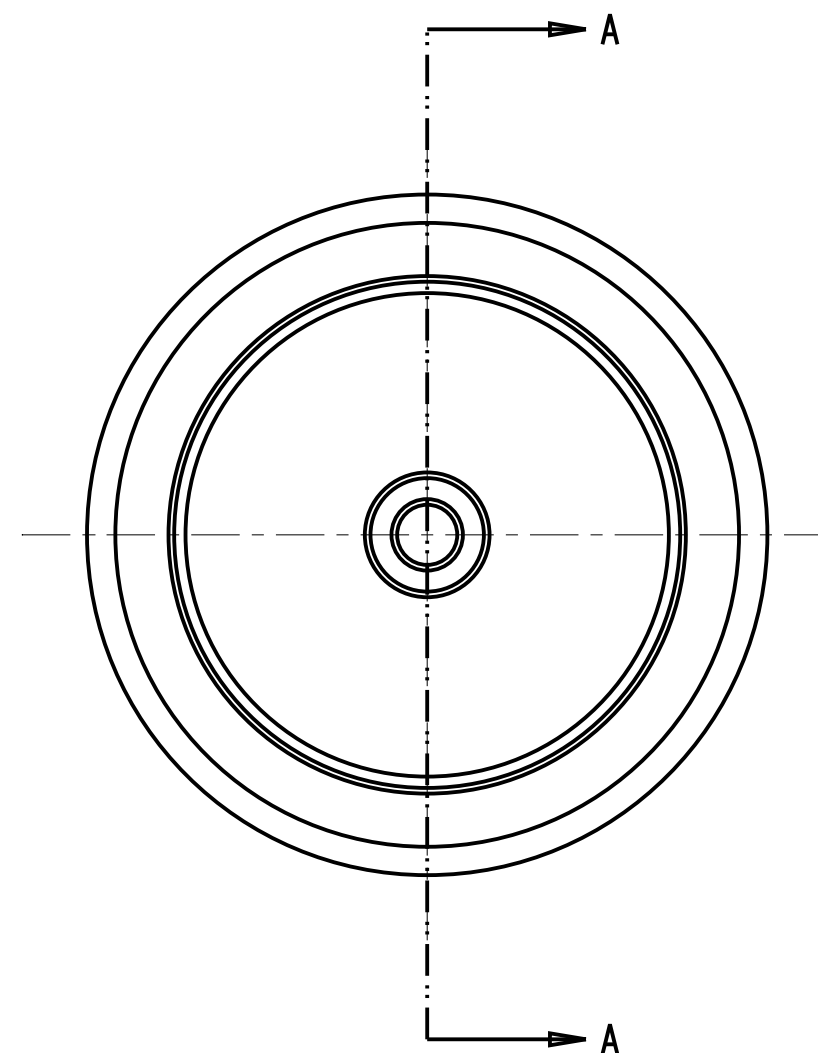



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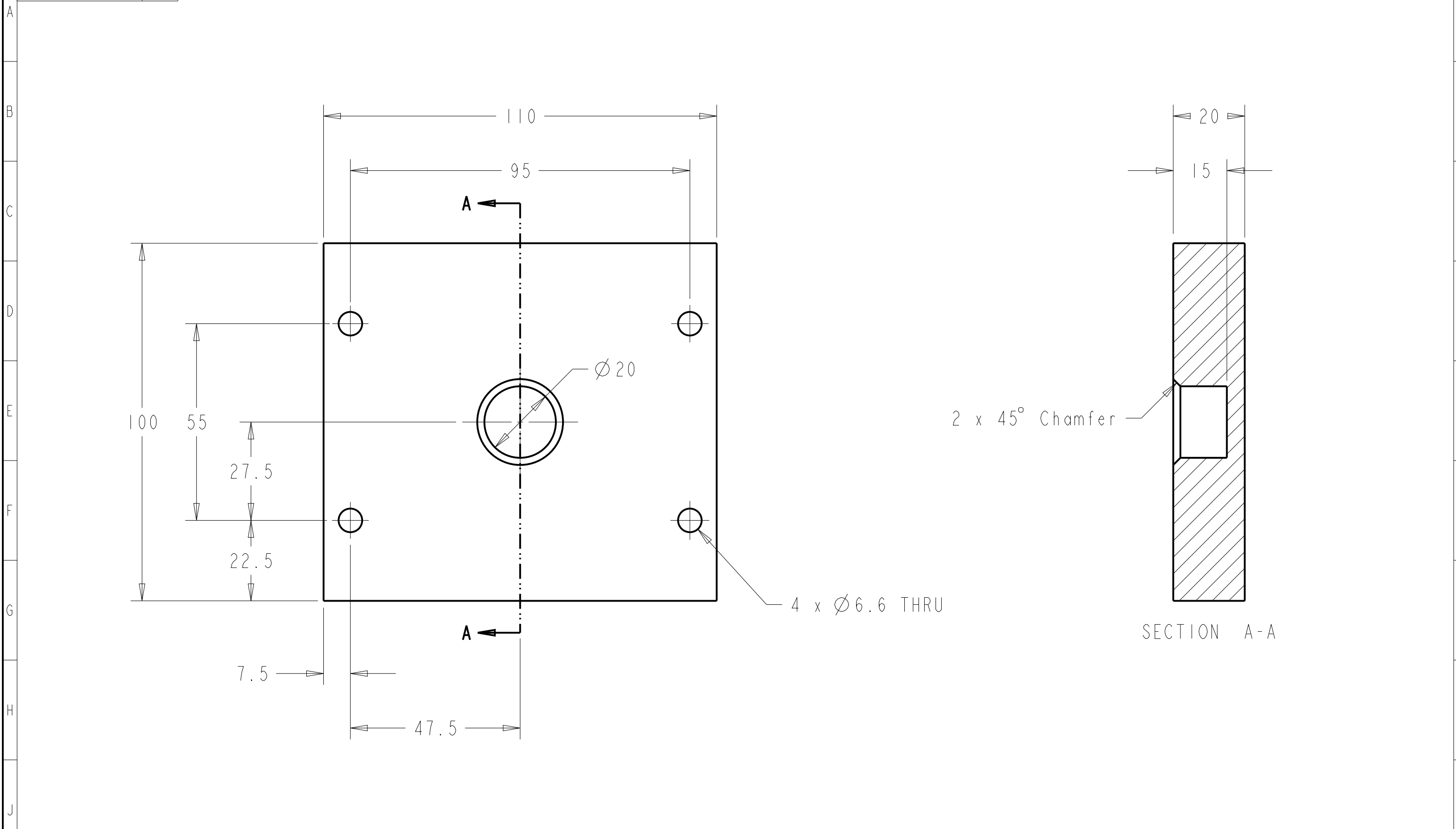



ALL UNSPECIFIED CHAMFERS
0.5 x 45°

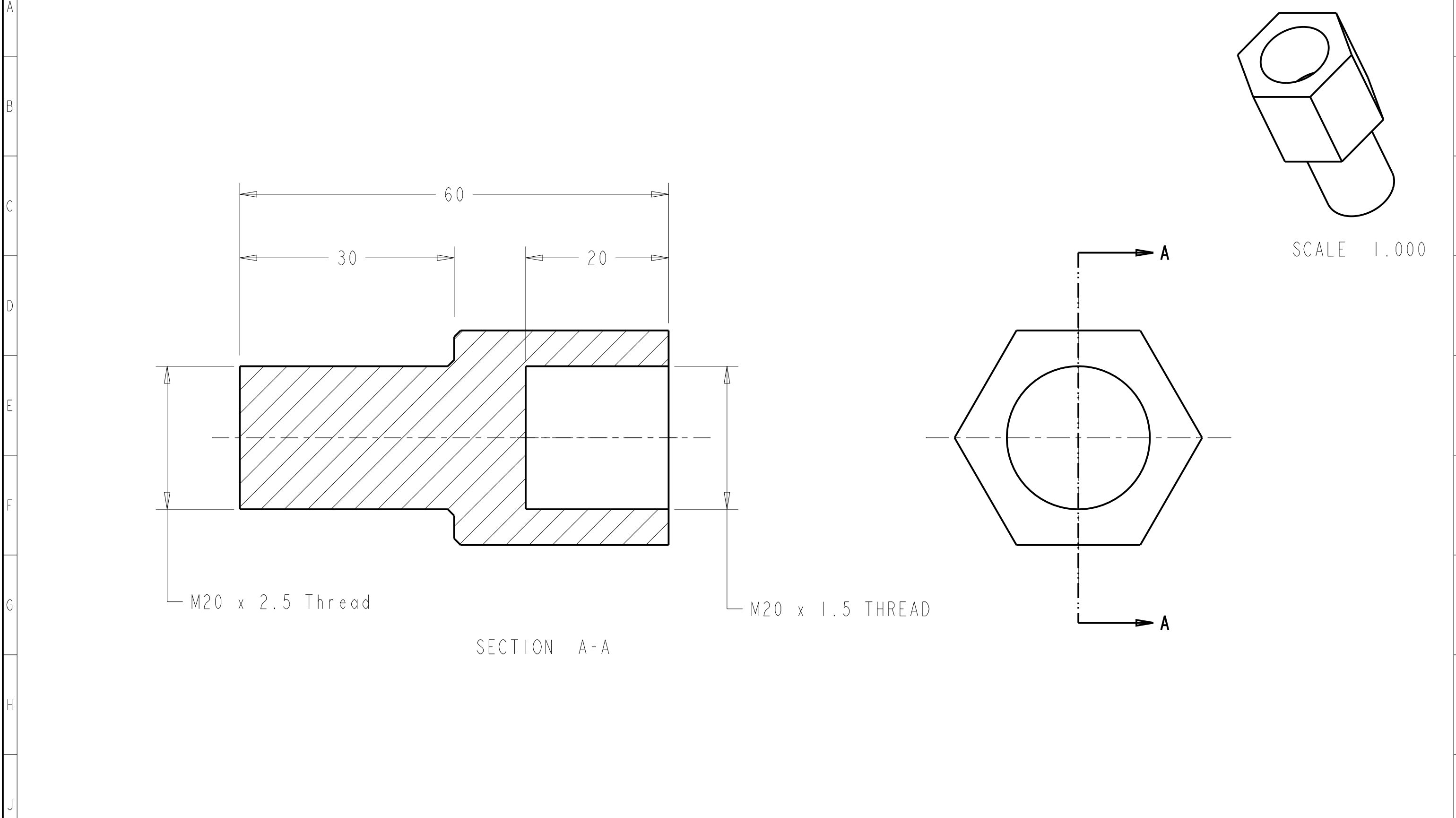
SECTION A-A



							UNSPECIFIED DETAIL	UNSPECIFIED TOL.	MATERIAL: MILD STEEL	DRAWN BY HLO	DATE 18.02.18	TITLE LOAD BALL HOLDER 2			
I		FIRST ISSUE	HLO			18.02.18	BREAK ALL SHARP EDGES	±0.2	FINISH: AS SUPPLIED	CHECKED BY	DATE	DOCUMENT REFERENCE NUMBER		PART NUMBER HSR-1011-02	
VER	ECN	DETAILS OF MODIFICATION	DWN	CHKD	APPR	DATE			 Loughborough University		APPROVED BY	DATE	USED ON: HSR-1000-01		
VERSIONS											SHEET SCALE	1.500	ALL CHANGES LISTED ON: HSR-1011-27		
											ESTIMATED MASS KG.				



K	I			HLO			01.03.18	UNSPECIFIED DETAIL	UNSPECIFIED TOL.	MATERIAL: MILD STEEL	DRAWN BY HLO	DATE 01.03.18	TITLE SHAKER SPACER BASE			
									±0.2	FINISH: AS PROVIDED	CHECKED BY	DATE	DOCUMENT REFERENCE NUMBER		PART NUMBER HSR-1012-02	
										 Loughborough University	APPROVED BY	DATE				
											SHEET SCALE	1.000	USED ON: HSR-1000-01			
											ESTIMATED MASS KG.		ALL CHANGES LISTED ON: HSR-1012-27			
	VER	ECN	DETAILS OF MODIFICATION	DWN	CHKD	APPR	DATE									
	VERSIONS															
			2		3			4	5		6	7	8	9	10	



K	I			HLO			09.03.18	UNSPECIFIED DETAIL	UNSPECIFIED TOL.	MATERIAL: MILD STEEL HEX BAR	DRAWN BY HLO	DATE 09.03.18	TITLE			
									±0.2	FINISH: AS SUPPLIED	CHECKED BY	DATE	THREAD ADAPTER			
														DOCUMENT REFERENCE NUMBER	PART NUMBER	
	VER	ECN	DETAILS OF MODIFICATION	DWN	CHKD	APPR	DATE									
	VERSIONS															
								</								