



**ISAAC NEWTON
GROUP OF
TELESCOPES**

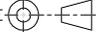
Apartado de Correos 321, 38780 S/C de La Palma, Canary Islands, SPAIN

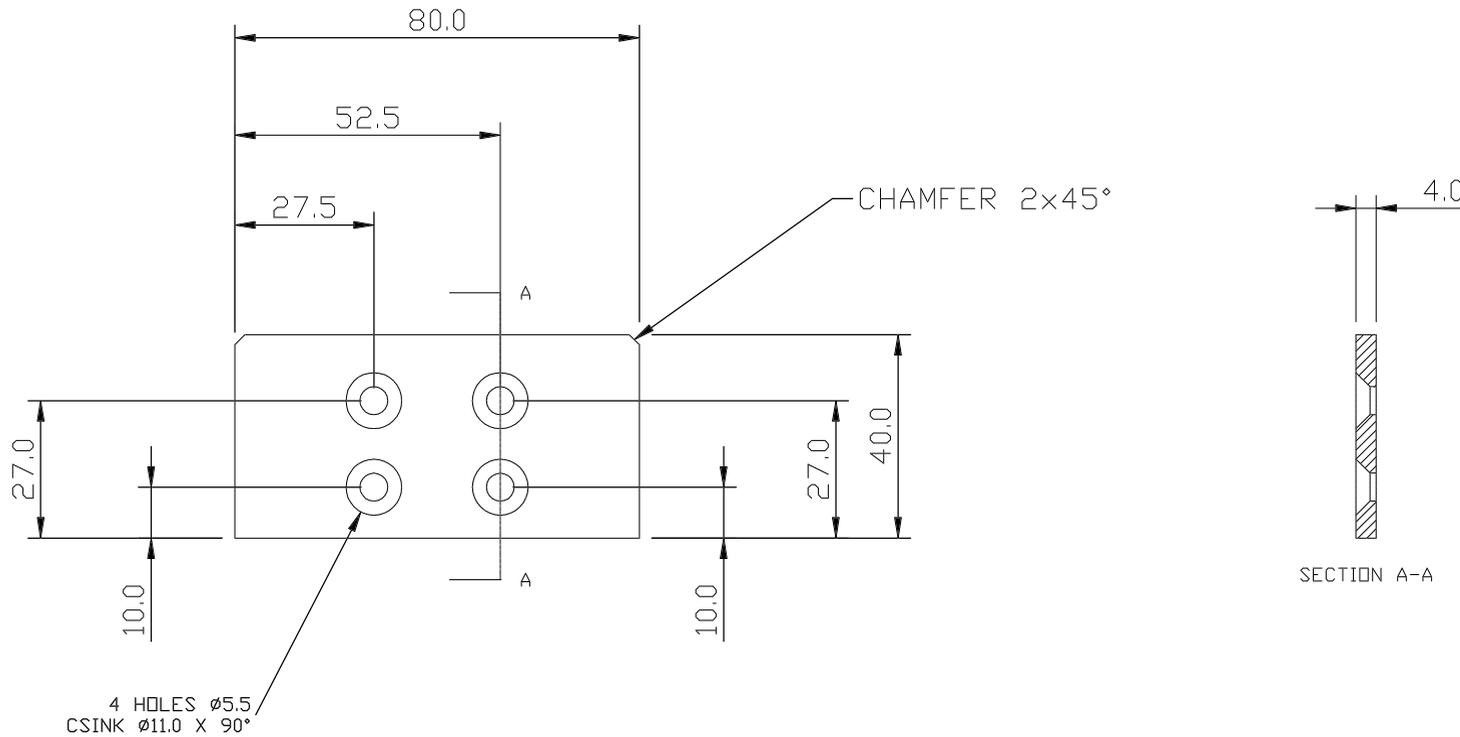
TITLE:	TRUSS SUB-ASSEMBLY INGRID NEAR INFR-RED CAMERA	NAME	PDJ	DATE	21/01/99	REVISION	3
DWG No:	BO102	CHECKED:					
		APPROVED:					

GA ITEM No.	DRAWING NUMBER	REV	DRAWING TITLE OR COMPONENT NAME	No. Per ASSEMBLY	COMPONENT NUMBER	REMARKS
	BO120	2	BOTTOM BRACKET	1		STAINLESS STEEL
	BO121	2	TOP BRACKET	2		STAINLESS STEEL
	BO122	2	TRUSS	1		G10/40 TUFNOL
	BO123	1	TRUSS BRACKET SPACER	1		STAINLESS STEEL
	BO124	1	CLAMP PLATE	2		STAINLESS STEEL
	BO125	1	BOTTOM TRUSS CLAMP PLATE	1		STAINLESS STEEL
			M4 X 12 LG CSUNK SCK HD SET SREW	4		STAINLESS STEEL
			M5 X 12 LG CSUNK SCK HD SET SREW	6		STAINLESS STEEL
			M5 X 10 LG CAP HD SREW	8		STAINLESS STEEL
			DIA 5.0 X 13LG DOWEL	4		STAINLESS STEEL

Drawing No
B0125

DO NOT SCALE IF IN DOUBT ASK

THIRD ANGLE 

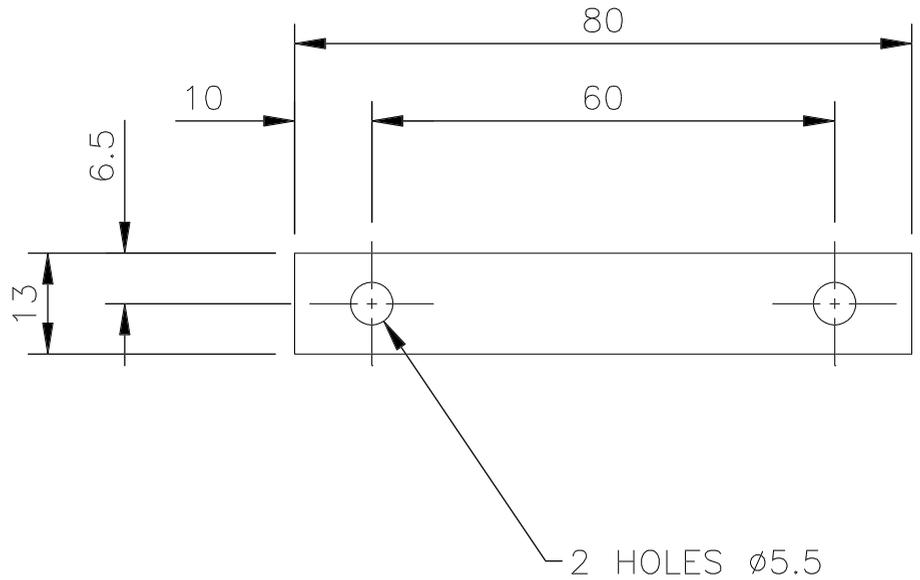
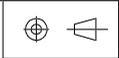


4 HOLES $\varnothing 5.5$
CSINK $\varnothing 11.0 \times 90^\circ$

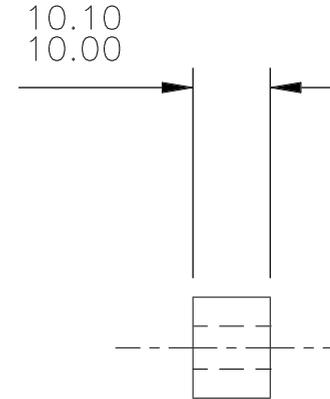
SECTION A-A

PRELIMINARY
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SUBJECT TO CHANGE
21/1/99
ISSUE: 1
DO NOT USE THIS DRAWING FOR
PROCUREMENT OR MANUFACTURE.

UNLESS OTHERWISE STATED ALL DIMENSIONS IN mm GENERAL TOL: ± 0.1 ANGULAR TOL: \pm SURFACE FINISH (MICRONS) ✓ REMOVE ALL SHARP EDGES		TITLE: BOTTOM TRUSS CLAMP PLATE TRUSS SUB-ASSEMBLY			ISAAC NEWTON GROUP Apartado de Correos, 321 38780 S/C de La Palma Canary Islands SPAIN Tel: +34 922 425 400		
MATERIAL: STAINLESS STEEL BS 970 304 S11	ORIGINAL SCALE: 1:1	MAIN SYSTEM: INGRID	DWG TYPE: PART	DRAWING NUMBER: B0125 SHEET 1 of 1			
FINISH: NATURAL	SHEET SIZE: A3	SUB-SYSTEM: TRUSSES	LOCATION: BO				
		ITEM: PART	USED ON: B0102				
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FINAL THICKNESS TO BE DETERMINED ON ASSEMBLY.



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 04.11.97
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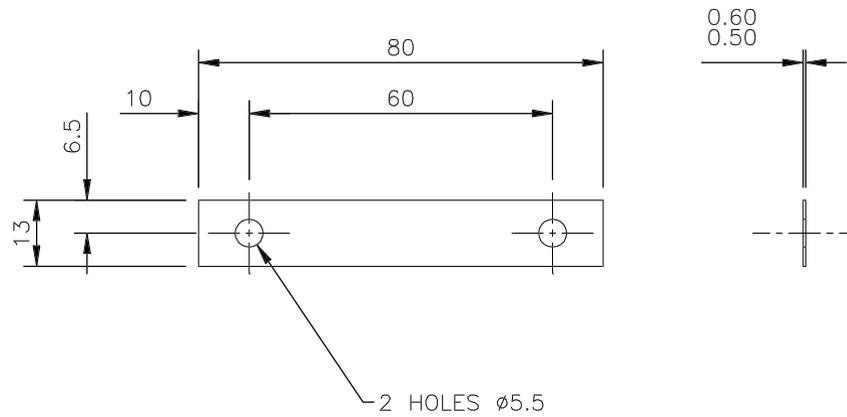
							UNLESS OTHERWISE STATED	MATERIAL STAINLESS STEEL BS 970 304 S11	 ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM 			
							DIMENSIONS ARE IN mm	FINISH NATURAL	TITLE TRUSS BRACKET SPACER TRUSS SUB-ASSEMBLY			
							GENERAL TOLERANCE: ± 0.1	USED ON B0102	ORIGINAL SHEET A4	LOCATION N/A	DWG. No. B0123	REV 1
							ANGULAR TOLERANCE: \pm	DO NOT SCALE THIS DRAWING				
							SURFACE FINISH: 1.6/ (MICRONS) \checkmark	ORIGINAL SCALE 1:1				
							REMOVE ALL SHARP EDGES	SHEET 1 OF 1				
1	PRELIMINARY ISSUE	R.M.T	N/A	N/A	N/A	26.08.97						
REV	DESCRIPTION	DRAWN BY	CHECKED	APPROVED	STATUS	DATE						
ISSUE DESCRIPTION												

Drawing No:

B0126

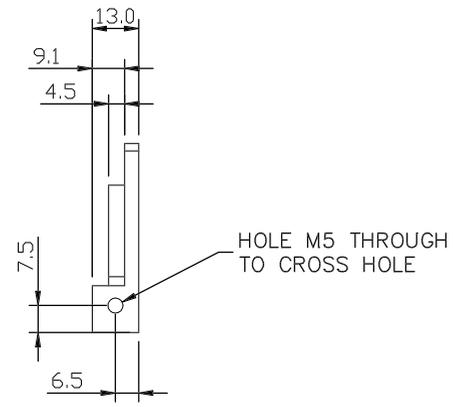
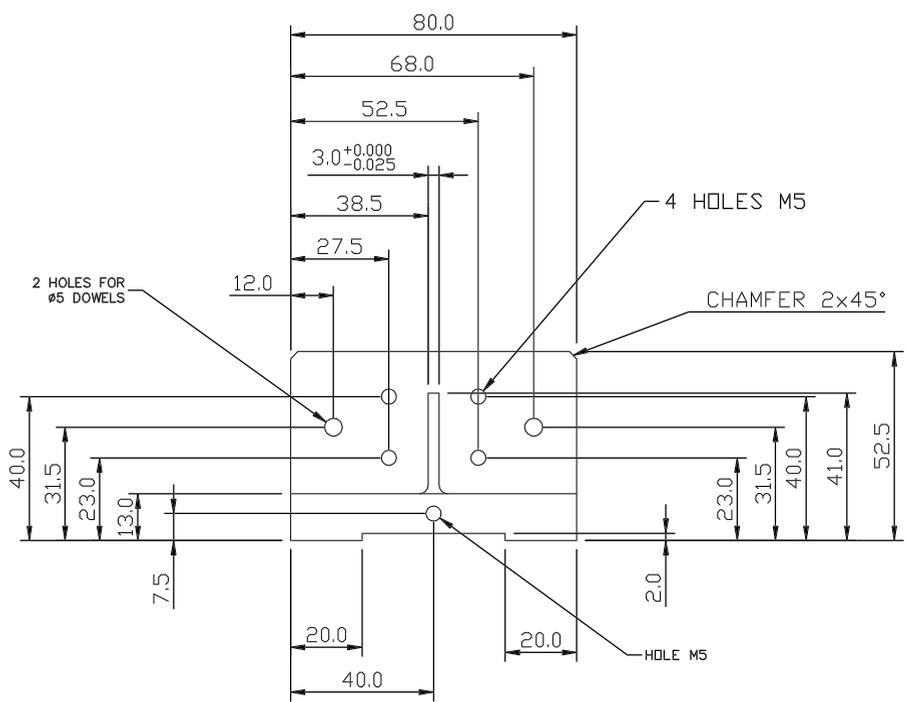
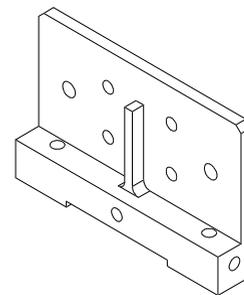
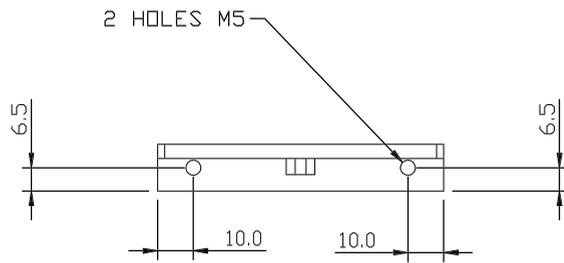
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THIRD ANGLE



1	PDJ	10/03/99		
ISS	DRAWN By	DATE DRAWN	APPROVED By	DATE APPRVD

<p>UNLESS OTHERWISE STATED</p> <p>ALL DIMENSIONS IN mm</p> <p>GENERAL TOL: ± 0.1</p> <p>ANGULAR TOL: ±</p> <p>SURFACE FINISH 1.6 ✓ (MICRONS)</p> <p>REMOVE ALL SHARP EDGES</p> <p><small>This document belongs to the ISAAC NEWTON GROUP of TELESCOPES and may not be copied, reproduced or displayed in whole or in part without the express written consent of the ISAAC NEWTON GROUP of TELESCOPES</small></p>	TITLE: TRUSS TEMPORARY SHIM INGRID			<p>ISAAC NEWTON GROUP</p> <p>Apartado de Correos, 321</p> <p>38780 S/C de La Palma</p> <p>Canary Islands</p> <p>SPAIN</p> <p>Tel: +34 922 425 400</p>	
	MATERIAL: STAINLES STEEL BS 970 304	ORIGINAL SCALE: 1:1	MAIN SYSTEM: INGRID		
	FINISH: CLEAN	SHEET SIZE: A3	SUB-SYSTEM: TRUSSES	LOCATION: BO	USED ON: B0120
			ENG DISCIPLINE: MECHANICAL		
			DRAWING NUMBER: B0126	SHEET 1 of 1	



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2	PDJ	15/1/99		
1	A4 PLUS	26/8/97	PDJ	26/8/97
ISS	DRAWN By	DATE DRAWN	APPROVED By	DATE APPROV

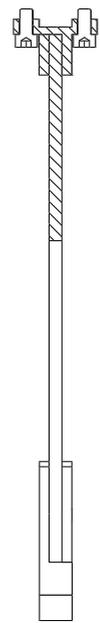
UNLESS OTHERWISE STATED ALL DIMENSIONS IN mm GENERAL TOL: ± 0.1 ANGULAR TOL: ± SURFACE FINISH (MICRONS) REMOVE ALL SHARP EDGES		TITLE: BOTTOM BRACKET TRUSS SUB-ASSEMBLY		MATERIAL: STAINLESS STEEL BS 970 304 S11		ORIGINAL SCALE: 1:1		MATERIAL: INGRID		DWG TYPE: PART	
FINISH: NATURAL		SHEET SIZE: A2		FORM: TRUSSES		LOCATION: BO		DWG ON: BO102		DRAWING NUMBER: B0120	
FORM: DISCIPLINE: MECHANICAL										SHEET 1 of 1	

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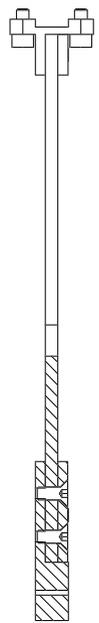
Drawing No B0102

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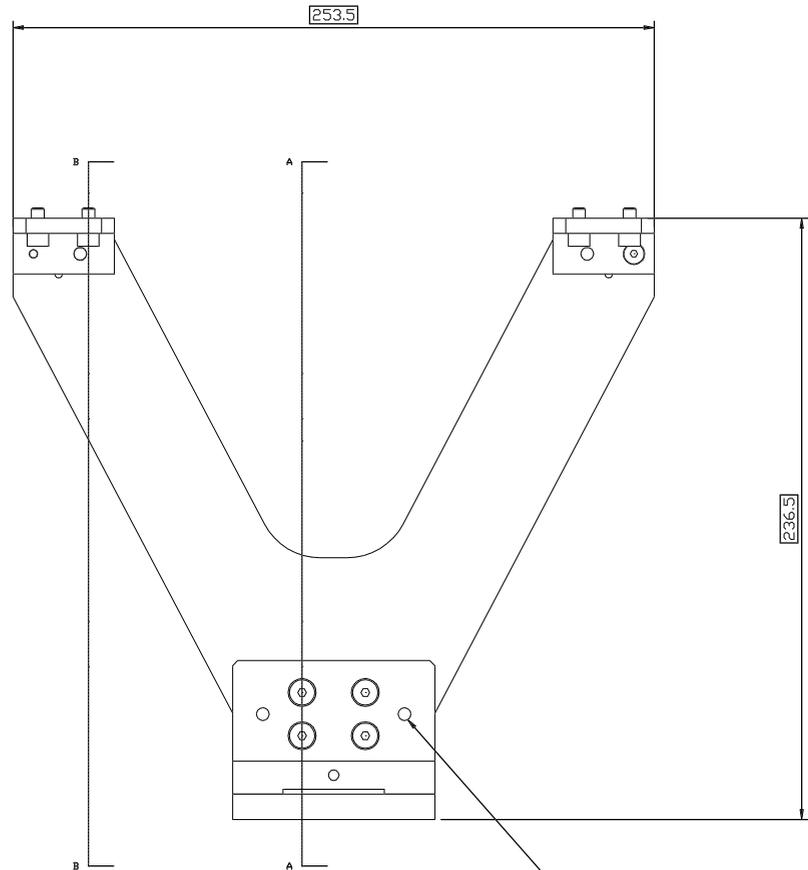
THIRD ANGLE 



SECTION B-B



SECTION A-A



DRILL ON ASSEMBLY FOR
Ø5.0 DOWELS 4 OFF

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TITLE: TRUSS SUB-ASSEMBLY INGRID NEAR INFR-RED CAMERA			
MATERIAL:	ORIGINAL SCALE 1:1	MAIN SYSTEM INGRID	DWG TYPE GA
FINISH:	SHEET SIZE A1	SUB-SYSTEM TRUSSES	LOCATION BO
		ENG DISCIPLINE MECHANICAL	USED ON BO100

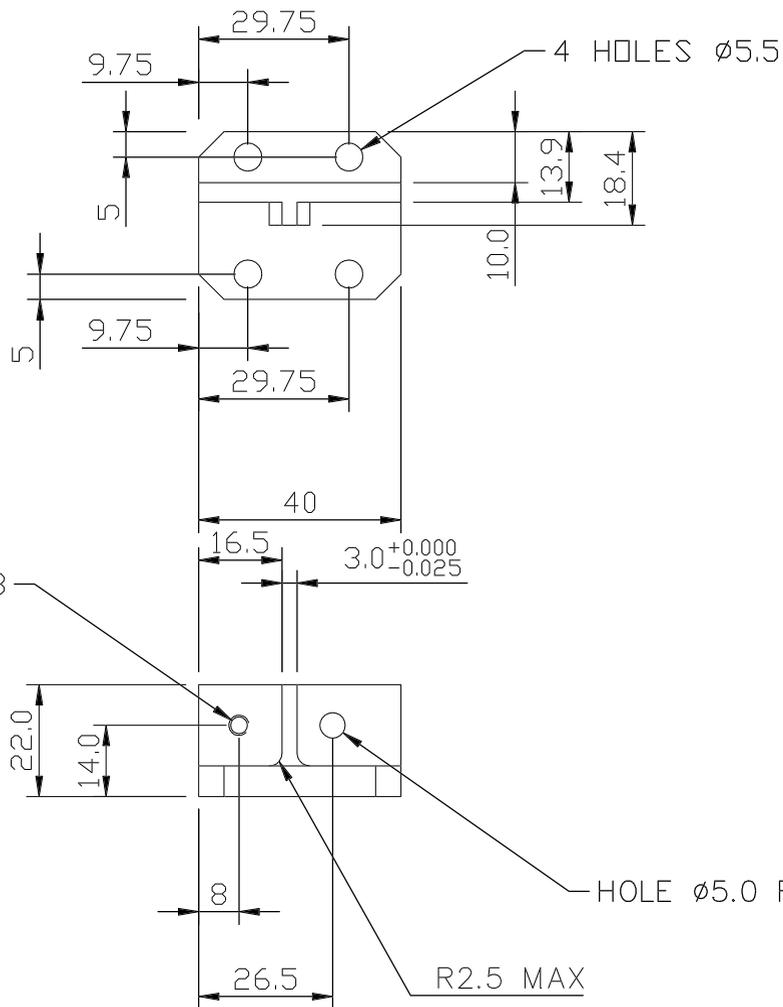
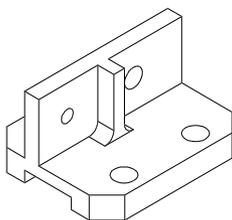
ISS	DRAWN By	DATE DRAWN	APPROVED By	DATE APPRVD
2	PDJ	13/1/98		
1	A4 PLUS	26/8/97	PDJ	26/8/97
ISAAC NEWTON GROUP Apartado de Correos,321 38780 S/C de La Palma Canary Islands SPAIN Tel: +34 922 425 400				
DRAWING NUMBER	B0102			SHEET 1 of 1

Drawing No

B0121

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HOLE M3

HOLE Ø5.0 FOR DOWEL

R2.5 MAX

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ANGULAR TOL: ±
SURFACE FINISH 1.6 ✓
(MICRONS)
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TITLE:

TOP BRACKET
TRUSS SUB-ASSEMBLY

MATERIAL: STAINLESS STEEL
BS 970 304 S11

FINISH: NATURAL

ORIGINAL SCALE

1:1

SHEET SIZE

A3

MAIN SYSTEM

INGRID

TRUSSES

PART

DWG TYPE

BO

LOCATION

MECHANICAL

2	PDJ	13/1/99		
1	A4 PLUS	26/8/97	PDJ	26/8/97
ISS	DRAWN By	DATE DRAWN	APPROVED By	DATE APPRVD

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Canary Islands
SPAIN

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DRAWING NUMBER
B0121

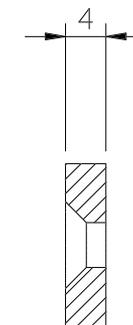
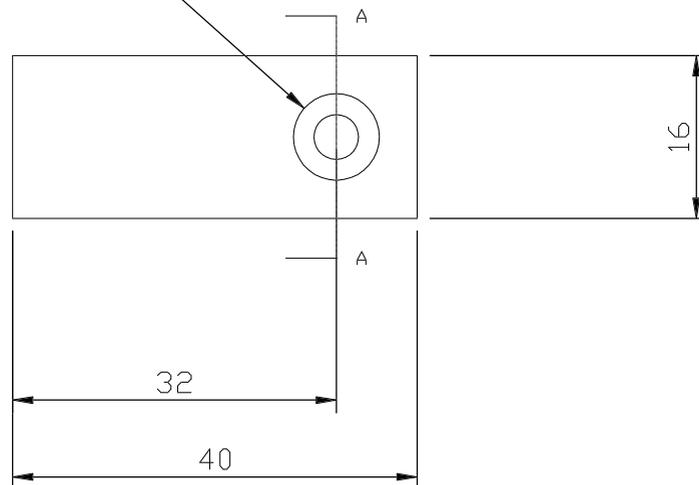
SHEET 1 of 1

Drawing No
B0124

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∅4.4 CSINK ∅8.5X90°



SECTION A-A

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ANGULAR TOL: ±
SURFACE FINISH (MICRONS) ✓
REMOVE ALL SHARP EDGES

TITLE:

CLAMP PLATE
TRUSS SUB-ASSEMBLY

MATERIAL: STAINLESS STEEL
BS 970 304 S11

ORIGINAL SCALE
2:1

MAIN SYSTEM
INGRID
SUB-SYSTEM
TRUSSES

DWG TYPE
PART

LOCATION
BO

FINISH:

SHEET SIZE
A3

ITEM
PART
ENG DISCIPLINE
MECHANICAL

USED ON
B0102

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Canary Islands
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DRAWING NUMBER
B0124

SHEET 1 of 1