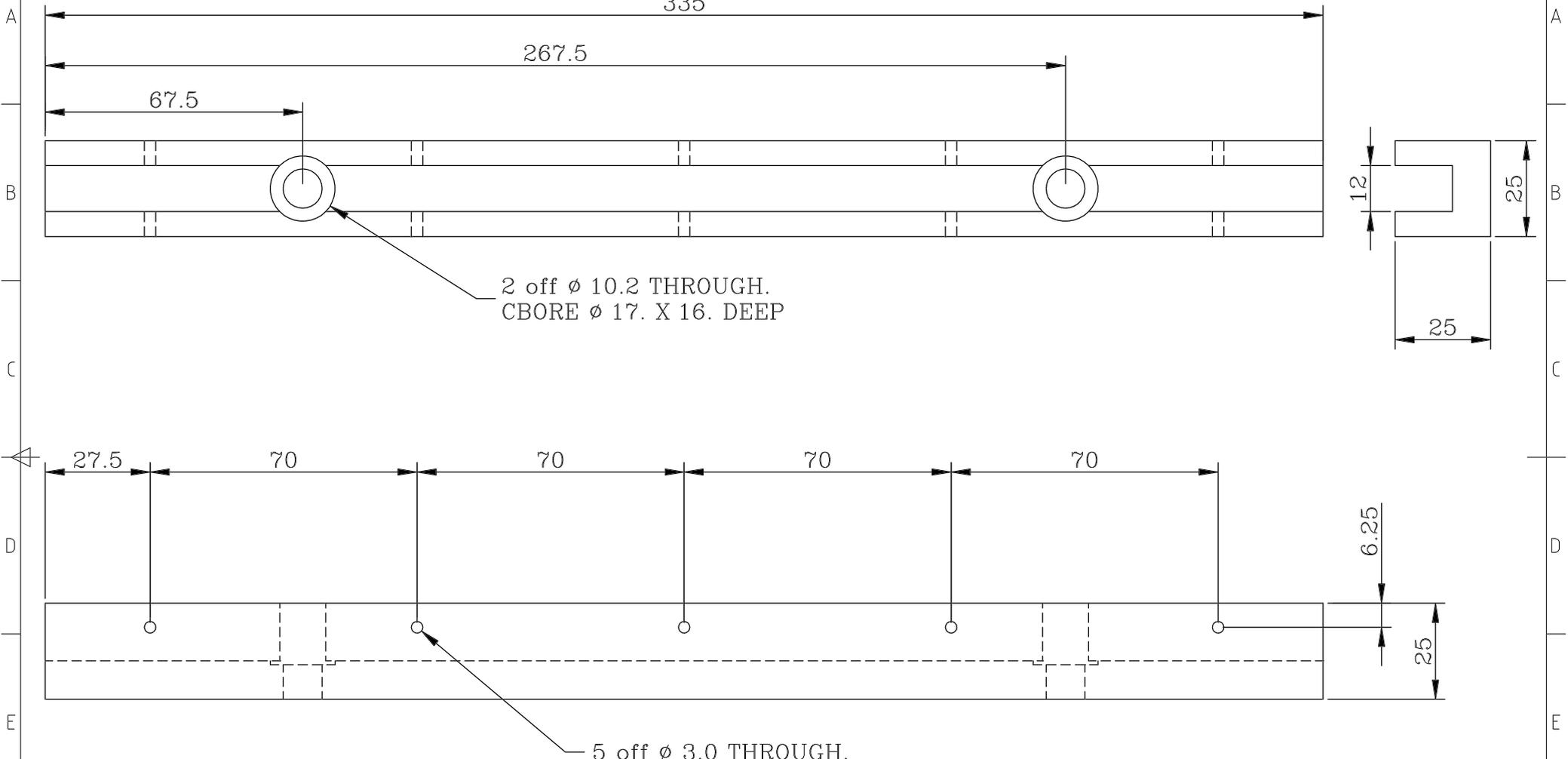




Drawing No. B0brk007.dwg

DO NOT SCALE IF IN DOUBT ASK

THIRD ANGLE 



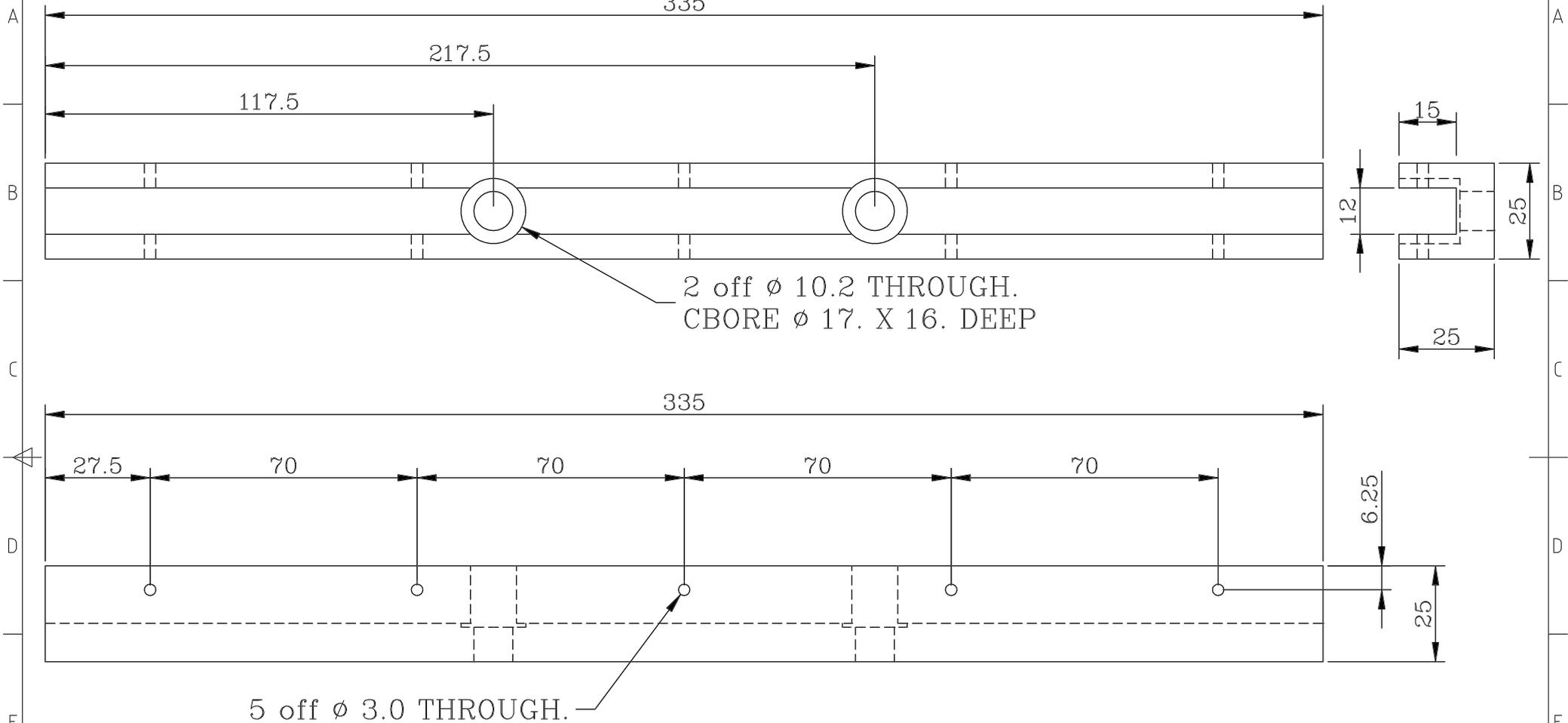
2 off Ø 10.2 THROUGH.
CBORE Ø 17. X 16. DEEP

5 off Ø 3.0 THROUGH.

NB Please use dwg No.
B0brk006.dwg for more
detailed manufacturing
information.

1	KMD	17/02/99	KMD	17/02/99
ISS	DRAWN By	DATE DRAWN	APPROVED By	DATE APPRVD

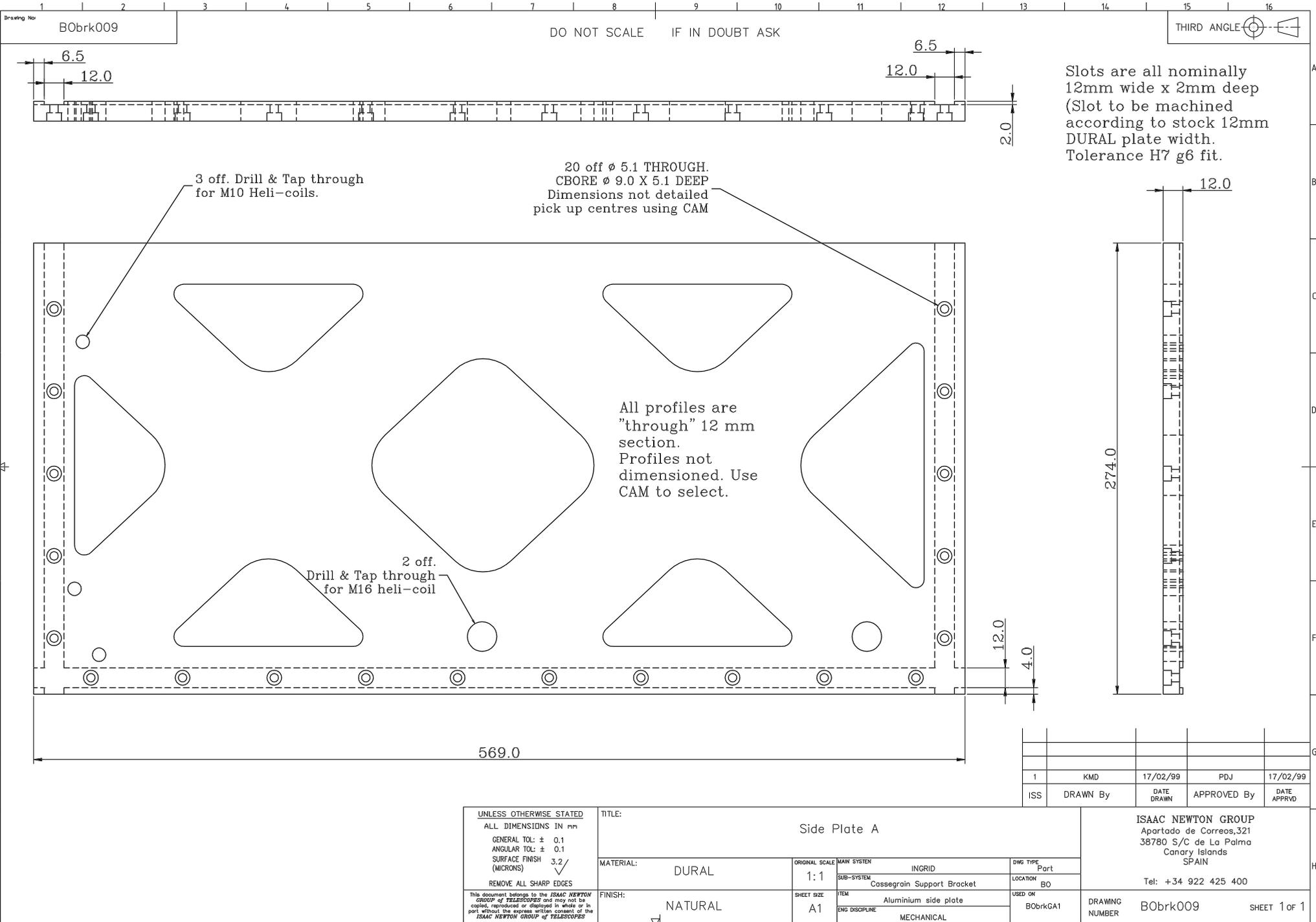
<p>UNLESS OTHERWISE STATED ALL DIMENSIONS IN mm GENERAL TOL: ± 0.1 ANGULAR TOL: ± 0.1 SURFACE FINISH 3.2 (MICRONS) REMOVE ALL SHARP EDGES</p>		<p>TITLE: Basechannel 3</p>			<p>ISAAC NEWTON GROUP Apartado de Correos, 321 38780 S/C de La Palma Canary Islands SPAIN Tel: +34 922 425 400</p>	
MATERIAL: Dural	ORIGINAL SCALE: 1:1	MAIN SYSTEM: INGRID	DWG TYPE: Part	DRAWING NUMBER: B0brk007.dwg SHEET 1 of 1		
FINISH: Natural	SHEET SIZE: A3	SUB-SYSTEM: Cassegrain Support Bracket	LOCATION: BO			
		ITEM: Aluminium Base Channel	USED ON: B0brkGA1			
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NB Please use dwg No. B0brk006.dwg for more detailed manufacturing information.

1	KMD	17/02/99	KMD	17/02/99
ISS	DRAWN By	DATE DRAWN	APPROVED By	DATE APPROVD

<small>UNLESS OTHERWISE STATED</small> ALL DIMENSIONS IN mm GENERAL TOL: \pm 0.1 ANGULAR TOL: \pm 0.1 SURFACE FINISH 3.2 (MICRONS) REMOVE ALL SHARP EDGES <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>	TITLE: Basechannel 4			ISAAC NEWTON GROUP Apartado de Correos, 321 38780 S/C de La Palma Canary Islands SPAIN Tel: +34 922 425 400		
	MATERIAL: Dural	ORIGINAL SCALE: 1:1	MAIN SYSTEM: INGRID			DWG TYPE: Part
	FINISH: Natural	SHEET SIZE: A3	SUB-SYSTEM: Cossegrain Support Bracket			LOCATION: BO
			ITEM: Aluminium Base Channel			USED ON: B0brkGA1
		ENG DISCIPLINE: MECHANICAL		DRAWING NUMBER: B0brk008	SHEET 1 of 1	



Drawing No B0brk009

DO NOT SCALE IF IN DOUBT ASK

THIRD ANGLE

Slots are all nominally 12mm wide x 2mm deep (Slot to be machined according to stock 12mm DURAL plate width. Tolerance H7 g6 fit.

3 off. Drill & Tap through for M10 Heli-coils.

20 off Ø 5.1 THROUGH. CBORE Ø 9.0 X 5.1 DEEP. Dimensions not detailed pick up centres using CAM

All profiles are "through" 12 mm section. Profiles not dimensioned. Use CAM to select.

2 off. Drill & Tap through for M16 heli-coil

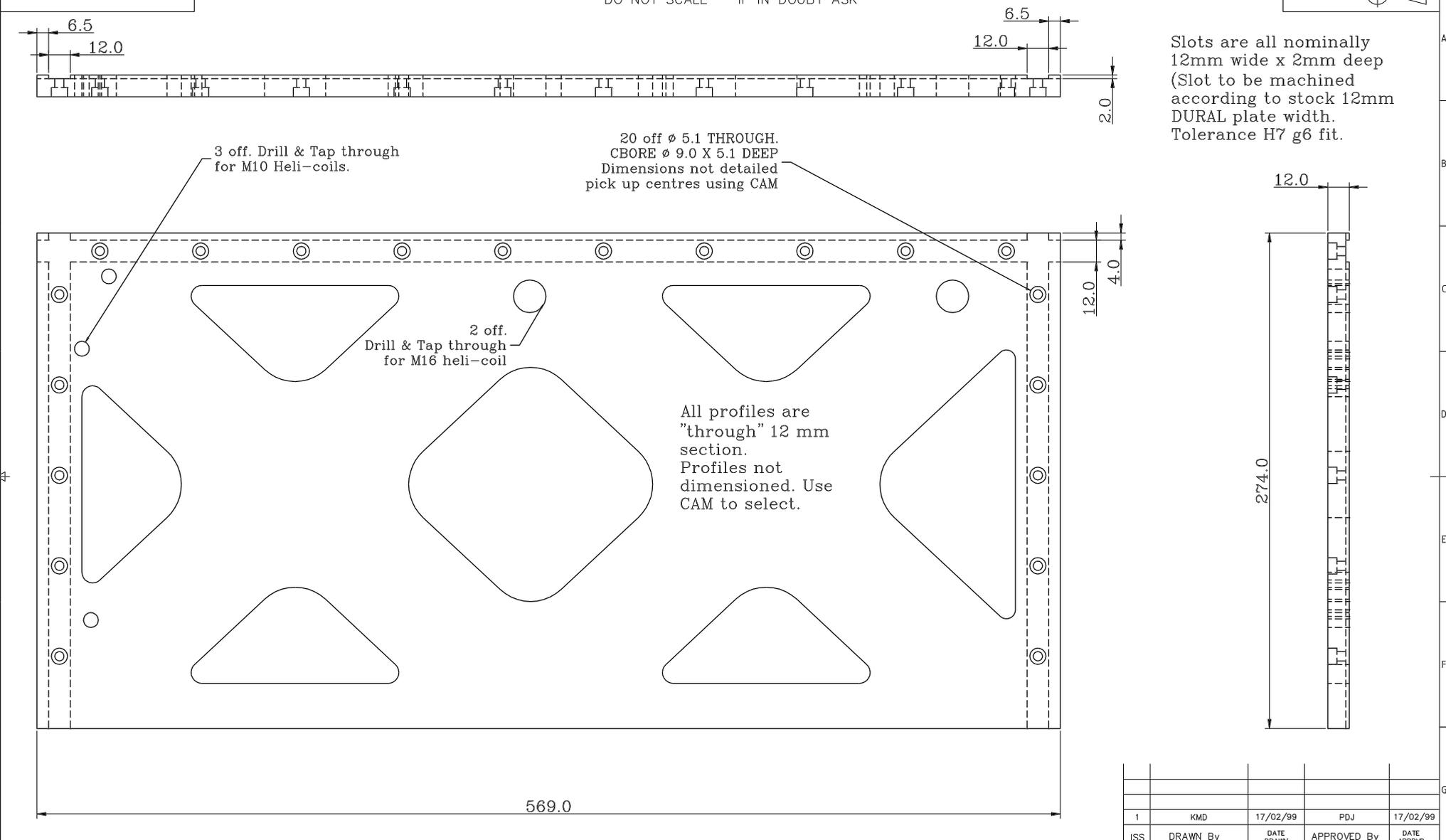
1	KMD	17/02/99	PDJ	17/02/99
ISS	DRAWN By	DATE DRAWN	APPROVED By	DATE APPRVD

UNLESS OTHERWISE STATED
 ALL DIMENSIONS IN mm
 GENERAL TOL: ± 0.1
 ANGULAR TOL: ± 0.1
 SURFACE FINISH 3.2/√
 (MICRONS)
 REMOVE ALL SHARP EDGES

TITLE: Side Plate A			
MATERIAL: DURAL	ORIGINAL SCALE: 1:1	MAIN SYSTEM: INGRID	DWG TYPE: Part
FINISH: NATURAL	SHEET SIZE: A1	SUB-SYSTEM: Cossegrain Support Bracket	LOCATION: BO
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		ITEM: Aluminium side plate	USED ON: B0brkGA1
		ENG DISCIPLINE: MECHANICAL	

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 Canary Islands
 SPAIN
 Tel: +34 922 425 400

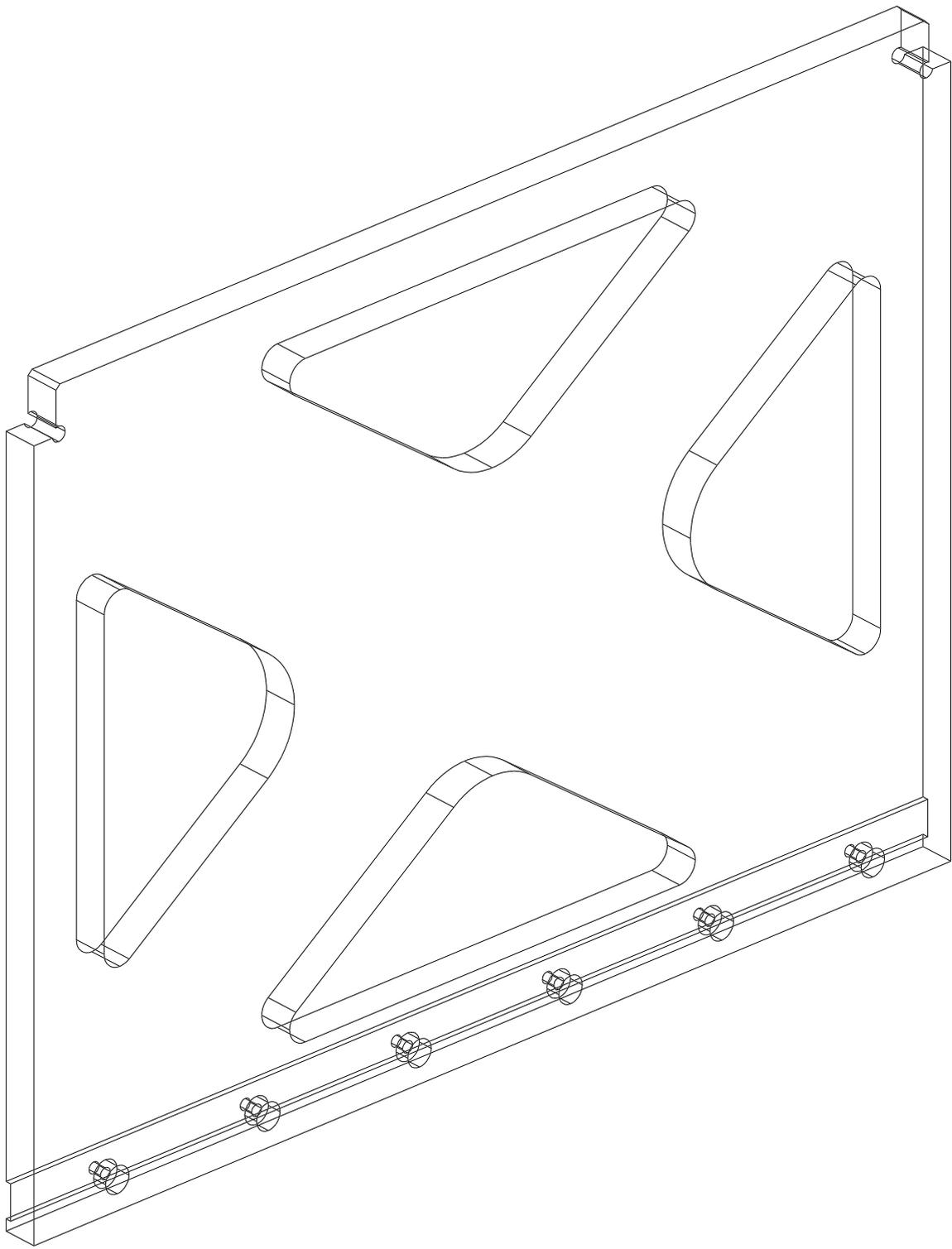
DRAWING NUMBER B0brk009 SHEET 1 of 1



Slots are all nominally 12mm wide x 2mm deep (Slot to be machined according to stock 12mm DURAL plate width. Tolerance H7 g6 fit.

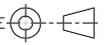
1	KMD	17/02/99	PDJ	17/02/99
ISS	DRAWN By	DATE DRAWN	APPROVED By	DATE APPRVD

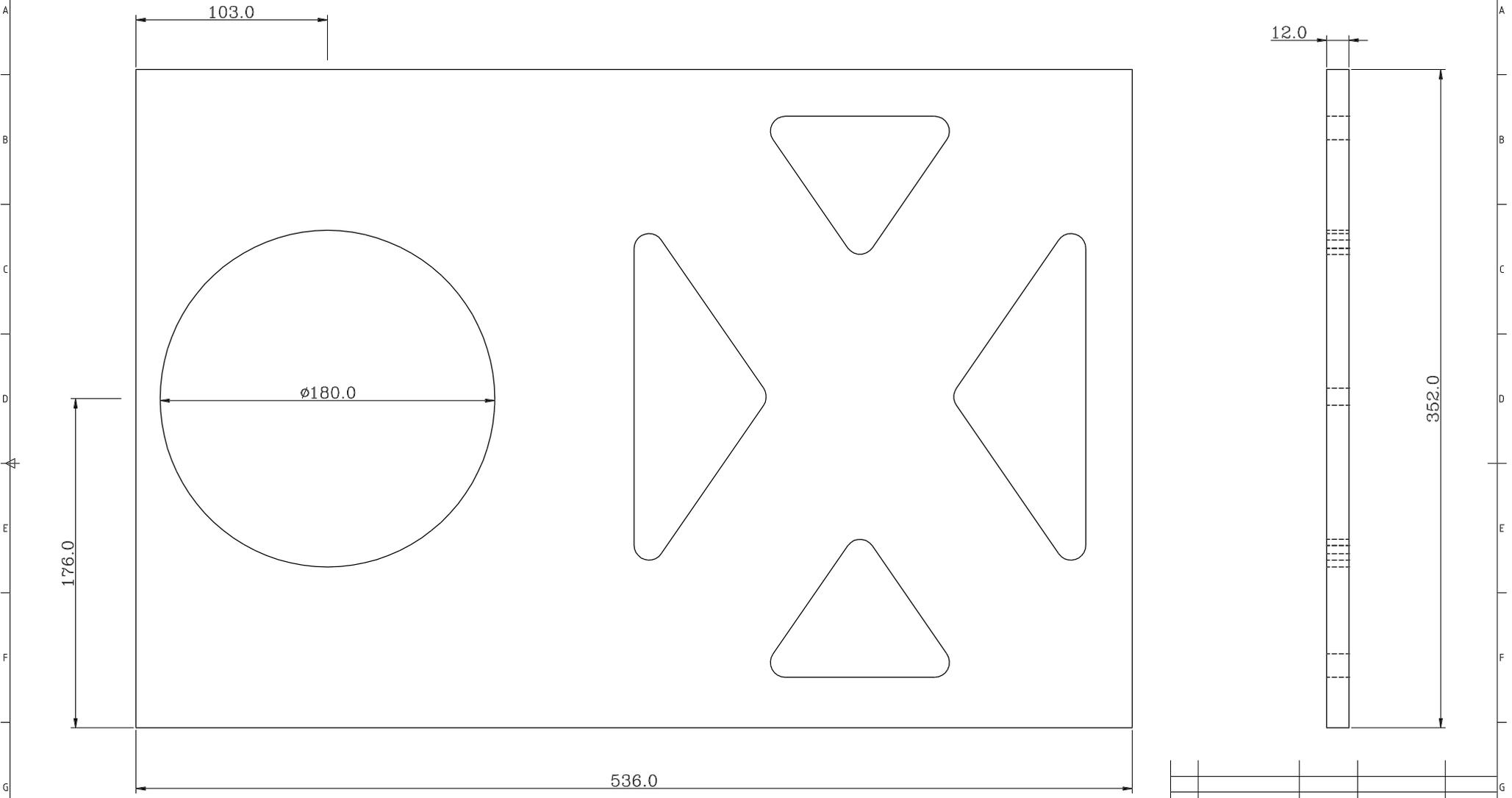
<p>UNLESS OTHERWISE STATED</p> <p>ALL DIMENSIONS IN mm</p> <p>GENERAL TOL: \pm 0.1</p> <p>ANGULAR TOL: \pm 0.1</p> <p>SURFACE FINISH (MICRONS) 3.2 \checkmark</p> <p>REMOVE ALL SHARP EDGES</p> <p><small>This document belongs to the ISAAC NEWTON GROUP of TELESCOPES and may not be copied, reproduced or displayed in whole or in part without the express written consent of the ISAAC NEWTON GROUP of TELESCOPES</small></p>		<p>TITLE: Side Plate B</p>		<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: DURAL	ORIGINAL SCALE: 1:1	MAIN SYSTEM: INGRID	DWG TYPE: Part		
FINISH: NATURAL	SHEET SIZE: A1	SUB-SYSTEM: Cassegrain Support Bracket	LOCATION: BO		
		ITEM: Aluminium side plate	USED ON: B0brkGA1	DRAWING NUMBER: B0brk010	SHEET 1 of 1
		ENG DISCIPLINE: MECHANICAL			



Drawing No B0brk013

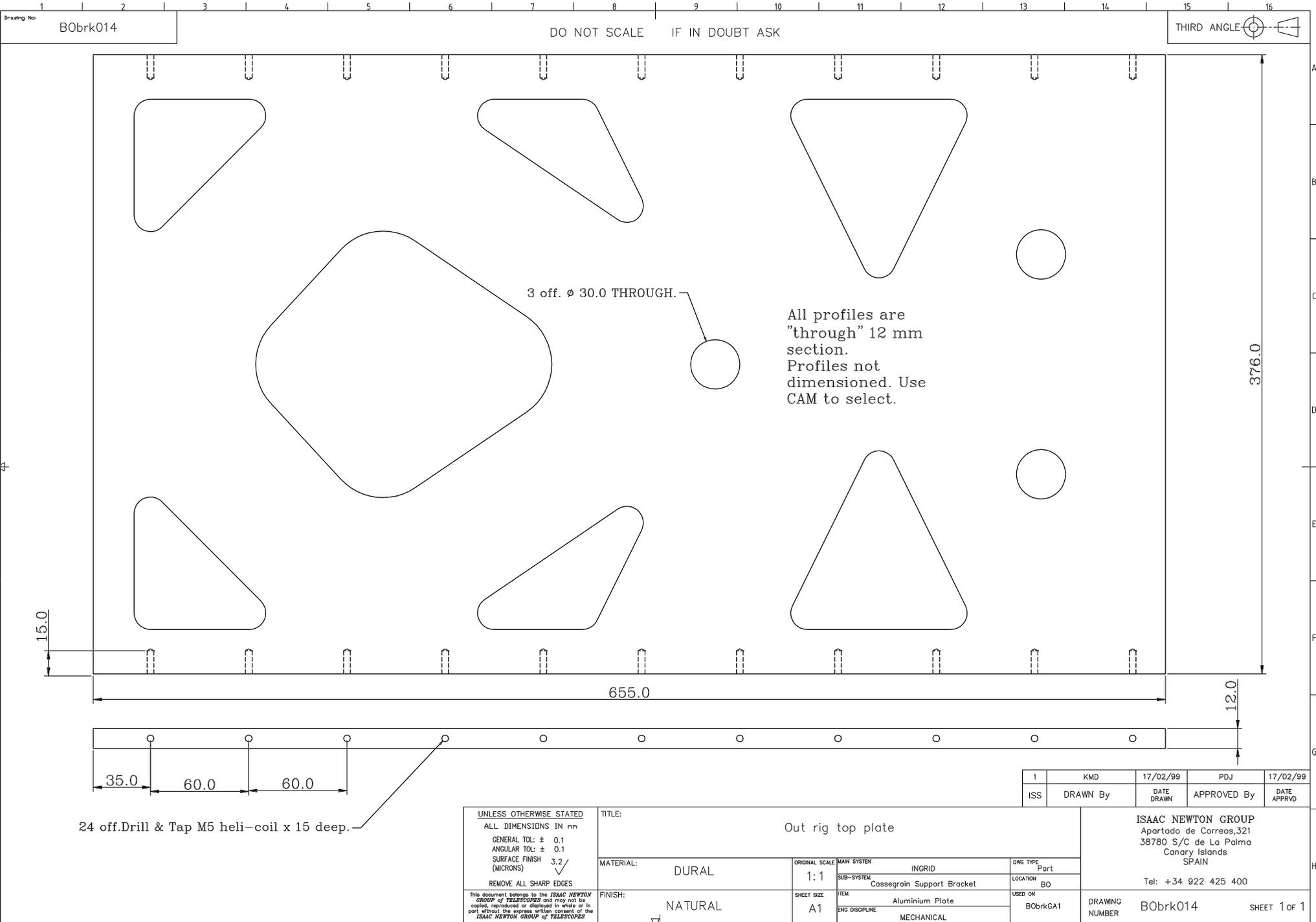
DO NOT SCALE IF IN DOUBT ASK

THIRD ANGLE 



1	KMD	17/02/99	PDJ	17/02/99
ISS	DRAWN By	DATE DRAWN	APPROVED By	DATE APRV'D

<p>UNLESS OTHERWISE STATED ALL DIMENSIONS IN mm GENERAL TOL: ± 0.1 ANGULAR TOL: ± 0.1 SURFACE FINISH (MICRONS) 3.2 ✓ 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: FrontPlate				ISAAC NEWTON GROUP Apartado de Correos,321 38780 S/C de La Palma Canary Islands SPAIN Tel: +34 922 425 400			
	MATERIAL:	DURAL	ORIGINAL SCALE:	1:1	MAIN SYSTEM:	INGRID	DWG TYPE:	Part
	FINISH:	NATURAL	SHEET SIZE:	A1	SUB-SYSTEM:	Cassegrain Support Bracket	LOCATION:	BO
					ITEM:	Aluminium Plate	USED ON:	B0brkGA1
				ENG DISCIPLINE:	MECHANICAL	DRAWING NUMBER:	B0brk013	SHEET 1 of 1



DO NOT SCALE IF IN DOUBT ASK

THIRD ANGLE

All profiles are "through" 12 mm section. Profiles not dimensioned. Use CAM to select.

3 off. Ø 30.0 THROUGH.

24 off. Drill & Tap M5 heli-coil x 15 deep.

UNLESS OTHERWISE STATED
 ALL DIMENSIONS IN mm
 GENERAL TOL: ± 0.1
 ANGULAR TOL: ± 0.1
 SURFACE FINISH 3.2 / ✓
 (MICRONS)
 REMOVE ALL SHARP EDGES

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TITLE: Out rig top plate			
MATERIAL: DURAL	ORIGINAL SCALE 1:1	MAIN SYSTEM INGRID	DWG TYPE Part
FINISH: NATURAL	SHEET SIZE A1	SUB-SYSTEM Cossegrain Support Bracket	LOCATION BO
		ITEM Aluminium Plate	USED ON B0brkGA1
		ENG DISCIPLINE MECHANICAL	

1	KMD	17/02/99	PDJ	17/02/99
ISS	DRAWN By	DATE DRAWN	APPROVED By	DATE APPRVD
ISAAC NEWTON GROUP Apartado de Correos,321 38780 S/C de La Palma Canary Islands SPAIN Tel: +34 922 425 400				
DRAWING NUMBER	B0brk014			SHEET 1 of 1

