

- Notes:**
 Holes 'A' 8-M3x10 deep
 Holes 'B' 6-M3x4 deep (4 drilled from bottom)
 Holes 'C' 8-M2x3 deep 15 from top
 All 3 pockets are equal in size.

1	PDJ	10/02/00		
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SECTION A-A

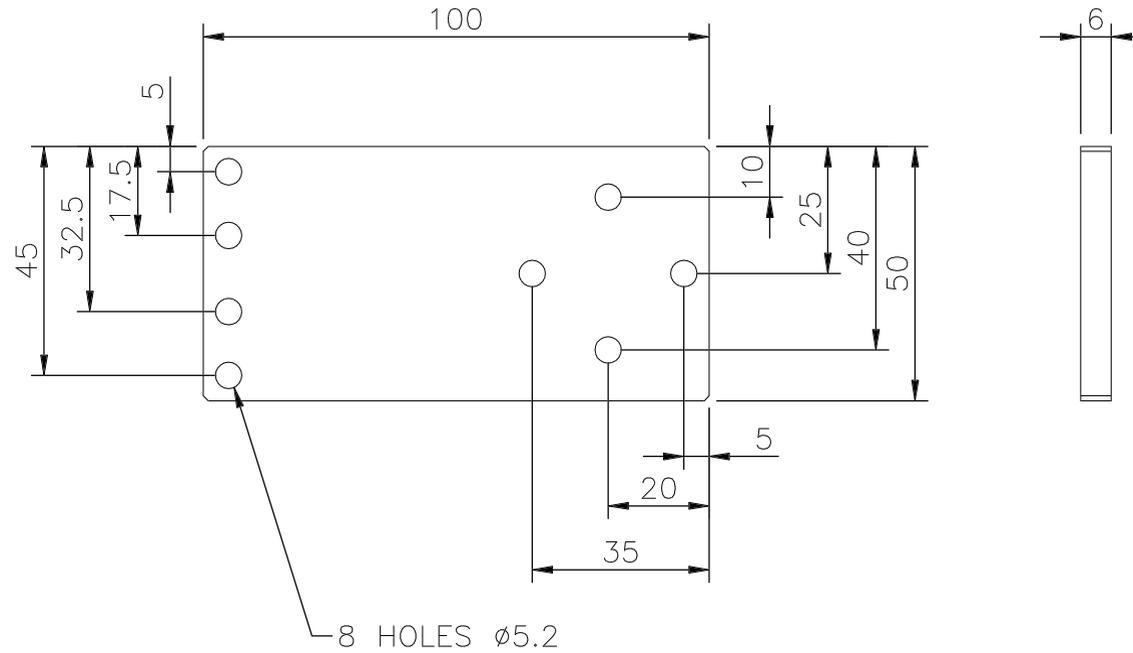
UNLESS OTHERWISE STATED
 ALL DIMENSIONS IN mm
 GENERAL TOL: ± 0.1
 ANGULAR TOL: ±
 SURFACE FINISH (MICRONS) 1.6 ✓
 REMOVE ALL SHARP EDGES

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TITLE: Main Body INGRID Getter			
MATERIAL: Aluminium Alloy Dural	ORIGINAL SCALE: 1:1	MAIN SYSTEM: INGRID	DWG TYPE: Part
FINISH: Clean	SHEET SIZE: A3	SUB-SYSTEM: Getter	LOCATION: BO
		ITEM: Part	USED ON:
		ENG DISCIPLINE: MECHANICAL	

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 Apartado de Correos, 321
 38780 S/C de La Palma
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 Tel: +34 922 425 400

DRAWING NUMBER B0380 SHEET 1 of 1



8 HOLES $\phi 5.2$

1	PDJ	3/3/99		
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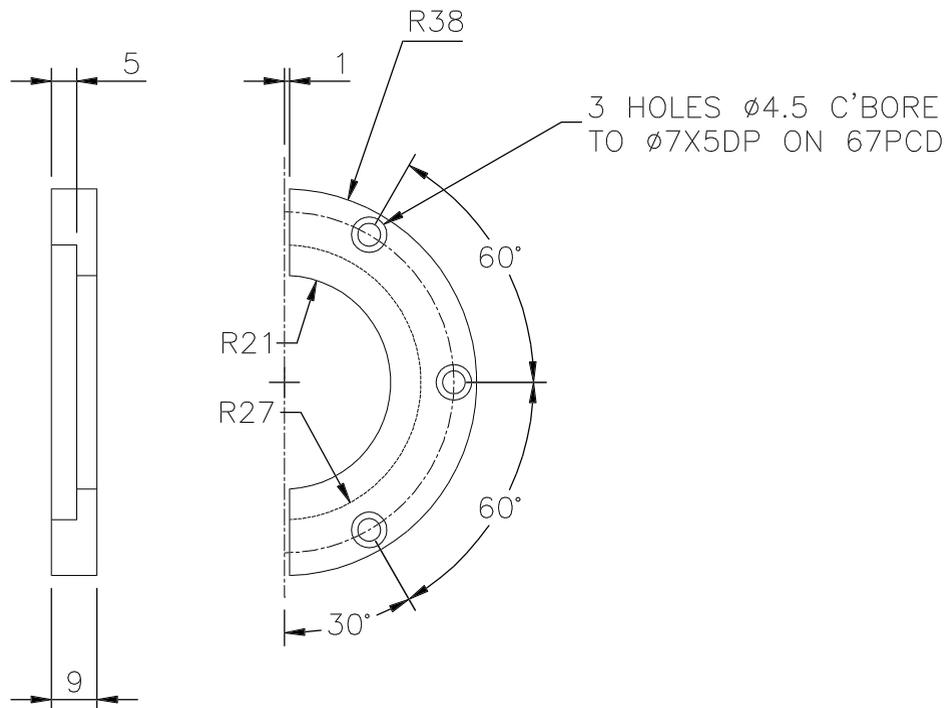
<p>UNLESS OTHERWISE STATED</p> <p>ALL DIMENSIONS IN mm</p> <p>GENERAL TOL: ± 0.1</p> <p>ANGULAR TOL: ± 0.1</p> <p>SURFACE FINISH (MICRONS) ✓</p> <p>REMOVE ALL SHARP EDGES</p> <p><small>This document belongs to the ISAAC NEWTON GROUP of TELESCOPES and may not be copied, reproduced or displayed in whole or in part without the express written consent of the ISAAC NEWTON GROUP of TELESCOPES</small></p>	<p>TITLE: CCC COLD FINGER MOUNTING PLATE INGRID SCIENCE CAMERA</p>			<p>ISAAC NEWTON GROUP Apartado de Correos, 321 38780 S/C de La Palma Canary Islands SPAIN Tel: +34 922 425 400</p>	
	<p>MATERIAL: OFHC COPPER</p>	<p>ORIGINAL SCALE: 1:1</p>	<p>MAIN SYSTEM: INGRID</p>	<p>DWG TYPE: PART</p>	
	<p>FINISH: CLEAN</p>	<p>SHEET SIZE: A3</p>	<p>SUB-SYSTEM: COLD FINGER</p>	<p>LOCATION: BO</p>	
			<p>ITEM: PART</p>	<p>USED ON:</p>	
		<p>ENG DISCIPLINE: MECHANICAL</p>	<p>DRAWING NUMBER: B0297</p>		
			<p>SHEET 1 of 1</p>		

Drawing No:

B0298

DO NOT SCALE IF IN DOUBT ASK

THIRD ANGLE



1	PDJ	3/3/99		
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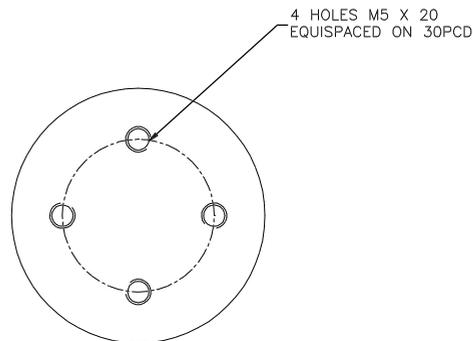
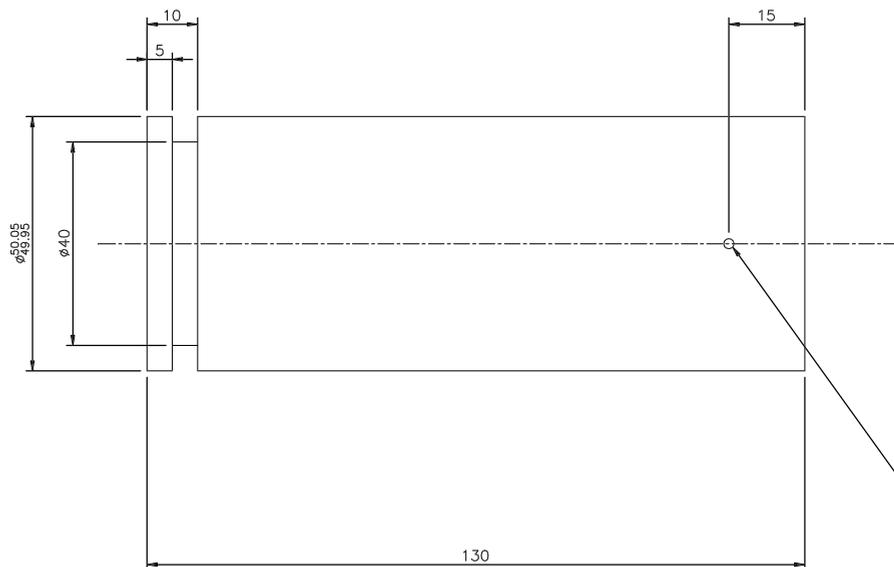
<p>UNLESS OTHERWISE STATED</p> <p>ALL DIMENSIONS IN mm</p> <p>GENERAL TOL: ± 0.1</p> <p>ANGULAR TOL: ±</p> <p>SURFACE FINISH (MICRONS) ✓</p> <p>REMOVE ALL SHARP EDGES</p> <p><small>This document belongs to the ISAAC NEWTON GROUP of TELESCOPES and may not be copied, reproduced or displayed in whole or in part without the express written consent of the ISAAC NEWTON GROUP of TELESCOPES</small></p>	TITLE:		CCC COLD FINGER CLAMP RING INGRID SCIENCE CAMERA		<p>ISAAC NEWTON GROUP</p> <p>Apartado de Correos, 321 38780 S/C de La Palma Canary Islands SPAIN</p> <p>Tel: +34 922 425 400</p>			
	MATERIAL:	STAINLESS STEEL BS 970 304	ORIGINAL SCALE:	1:1	MAIN SYSTEM:	INGRID	DWG TYPE:	PART
	FINISH:	CLEAN	SHEET SIZE:	A3	SUB-SYSTEM:	COLD FINGER	LOCATION:	BO
					ITEM:	PART	USED ON:	
				ENG DISCIPLINE:	MECHANICAL			
						DRAWING NUMBER:	B0298	SHEET 1 of 1

Drawing No:

B0299

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THIRD ANGLE



4 OUTGASSING HOLES Ø2 THRO' TO TAPPED HOLE

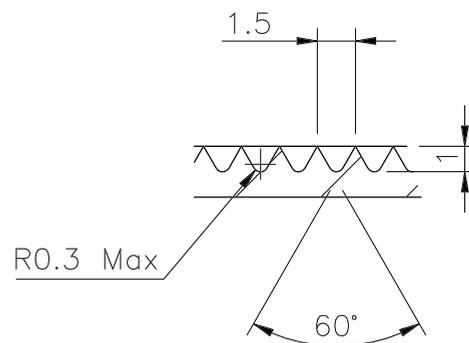
1	PDJ	3/3/99		
ISS	DRAWN By	DATE DRAWN	APPROVED By	DATE APPRVD

<p>UNLESS OTHERWISE STATED</p> <p>ALL DIMENSIONS IN mm</p> <p>GENERAL TOL: ± 0.2</p> <p>ANGULAR TOL: ±</p> <p>SURFACE FINISH (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:		<p>CCC COLD FINGER</p> <p>INGRID SCIENCE CAMERA</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:	OFHC COPPER	ORIGINAL SCALE	1:1	MAIN SYSTEM	INGRID	DWG TYPE	PART
	FINISH:	CLEAN	SHEET SIZE	A3	SUB-SYSTEM	COLD FINGER	LOCATION	BO
					ITEM	PART	USED ON	
				ENG DISCIPLINE	MECHANICAL			
					DRAWING NUMBER	B0299	SHEET 1 of 1	

Drawing No: B0296

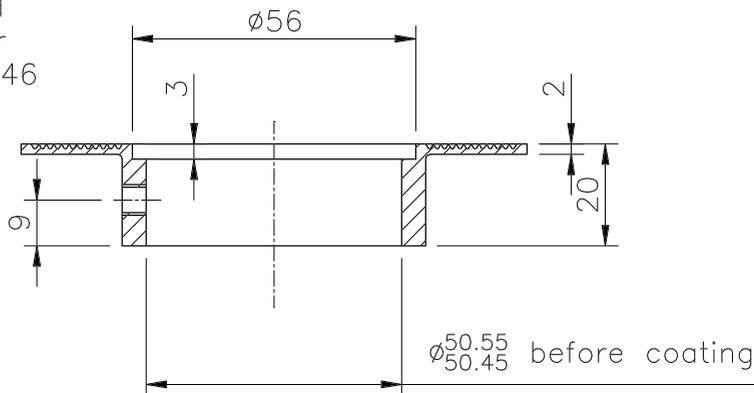
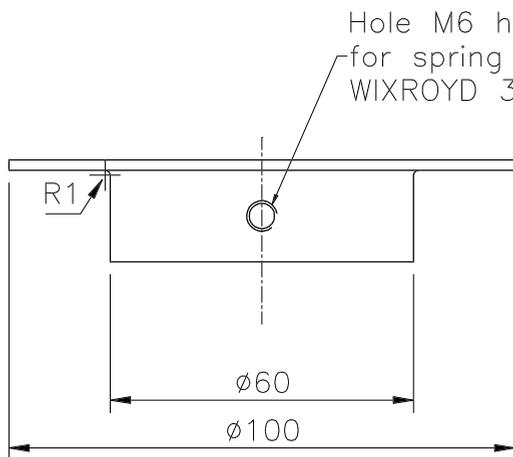
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THIRD ANGLE



Saw tooth profile 12 off concentric rings or spirals
Scale 5:1

Hole M6 helicoiled
for spring plunger
WIXROYD 3160.W346



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1	PDJ	12/4/99		

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ANGULAR TOL: ±
SURFACE FINISH (MICRONS) ✓
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TITLE:
**COLD FINGER LIGHT BAFFLE
INGRID SCIENCE CAMERA**

MATERIAL: ALUMINIUM ALLOY
BS 1470 6082 TF

FINISH:
NEXTEL

ORIGINAL SCALE	1:1	MAIN SYSTEM	INGRID	DWG TYPE	PART
SUB-SYSTEM	COLD FINGER	LOCATION	BO	USED ON	
SHEET SIZE	A3	ITEM	PART		
		ENG DISCIPLINE	MECHANICAL		

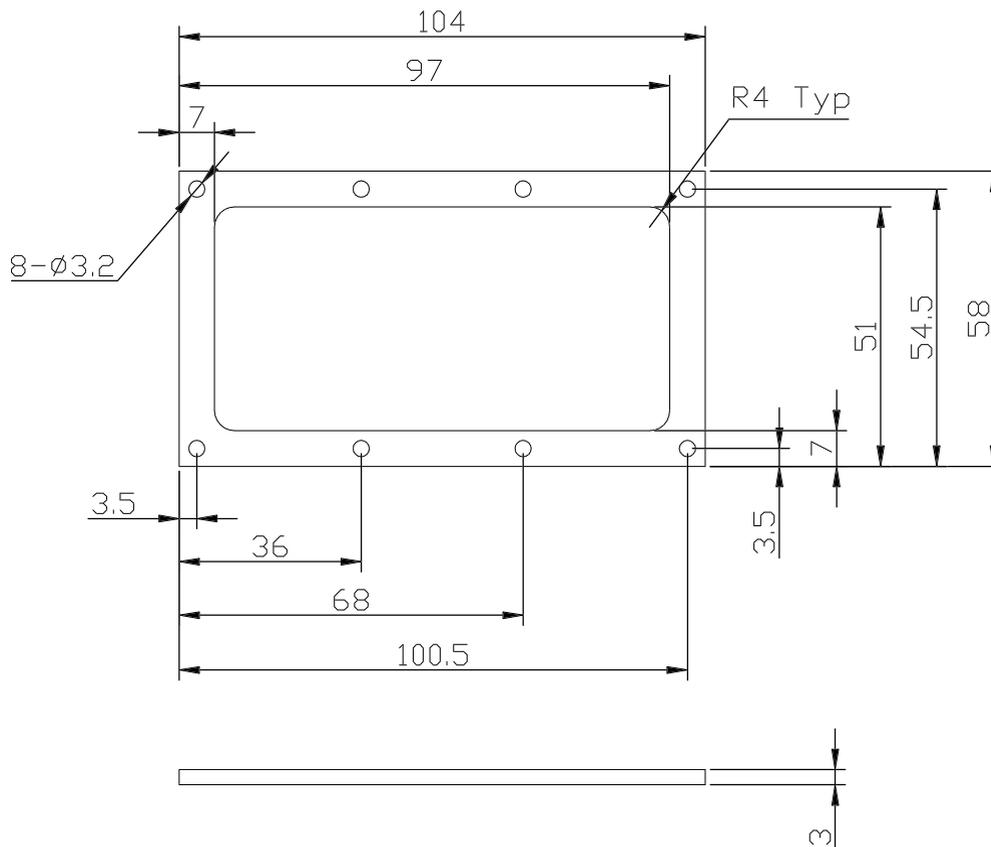
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DRAWING NUMBER: B0296
SHEET 1 of 1

Drawing No
B0381

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THIRD ANGLE 



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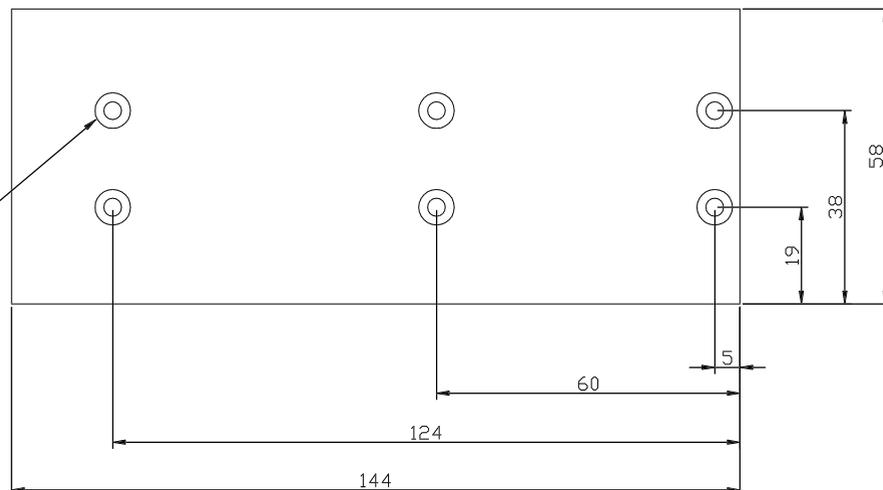
<p>UNLESS OTHERWISE STATED ALL DIMENSIONS IN mm GENERAL TOL: ± 0.1 ANGULAR TOL: ± SURFACE FINISH 1.6 ✓ (MICRONS) REMOVE ALL SHARP EDGES</p> <p><small>This document belongs to the ISAAC NEWTON GROUP of TELESCOPES and may not be copied, reproduced or displayed in whole or in part without the express written consent of the ISAAC NEWTON GROUP of TELESCOPES</small></p>	TITLE: Clamp Plate INGRID Getter			<p>ISAAC NEWTON GROUP Apartado de Correos, 321 38780 S/C de La Palma Canary Islands SPAIN Tel: +34 922 425 400</p>	
	MATERIAL: Aluminium Alloy Dural	ORIGINAL SCALE 1:1	MAIN SYSTEM INGRID	DWG TYPE Part	DRAWING NUMBER B0381
	FINISH: Clean	SHEET SIZE A3	SUB-SYSTEM Getter	LOCATION BO	
			ITEM Part	USED ON MECHANICAL	
				SHEET 1 of 1	

Drawing No
B0382

DO NOT SCALE IF IN DOUBT ASK

THIRD ANGLE 

6-Ø3.5 C'bore
Ø7.0x5 deep



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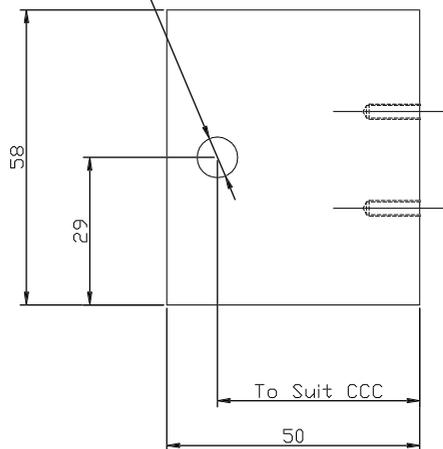
<p>UNLESS OTHERWISE STATED</p> <p>ALL DIMENSIONS IN mm</p> <p>GENERAL TOL: ± 0.1</p> <p>ANGULAR TOL: ±</p> <p>SURFACE FINISH (MICRONS) ✓</p> <p>REMOVE ALL SHARP EDGES</p> <p><small>This document belongs to the ISAAC NEWTON GROUP of TELESCOPES and may not be copied, reproduced or displayed in whole or in part without the express written consent of the ISAAC NEWTON GROUP of TELESCOPES</small></p>	<p>TITLE: Isolator - Base INGRID Getter</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: Delrin	ORIGINAL SCALE: 1:1	MAIN SYSTEM: INGRID	DWG TYPE: Part	
	FINISH: Clean	SHEET SIZE: A3	SUB-SYSTEM: Getter	LOCATION: BO	
			ITEM: Part	USED ON:	
		ENG DISCIPLINE: MECHANICAL			<p>DRAWING NUMBER: B0382</p> <p>SHEET 1 of 1</p>

Drawing No
B0383

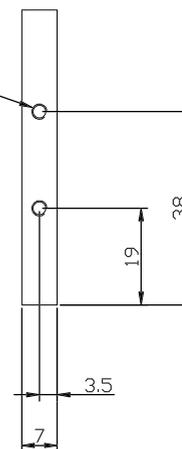
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THIRD ANGLE 

To Suit CCC



2-M3x10



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	MATERIAL: Delrin	ORIGINAL SCALE 1:1	MAIN SYSTEM INGRID	DWG TYPE Part	DRAWING NUMBER B0383 SHEET 1 of 1
	FINISH: Clean	SHEET SIZE A3	SUB-SYSTEM Getter	LOCATION BO	
			ITEM Part	USED ON MECHANICAL	