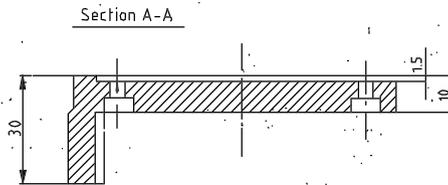
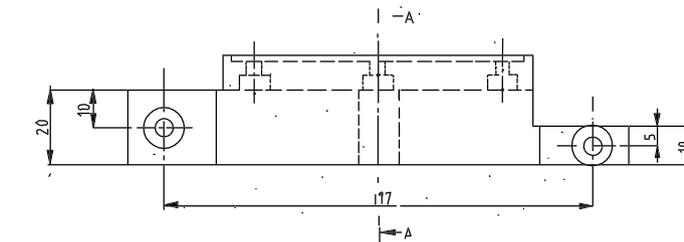
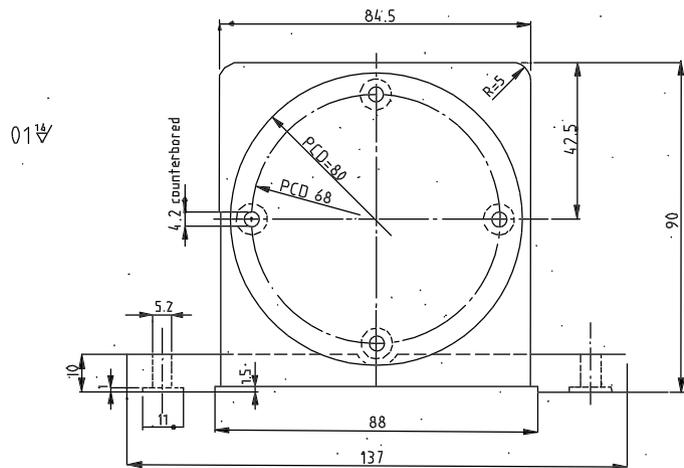
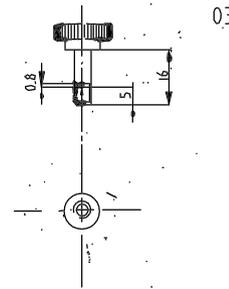
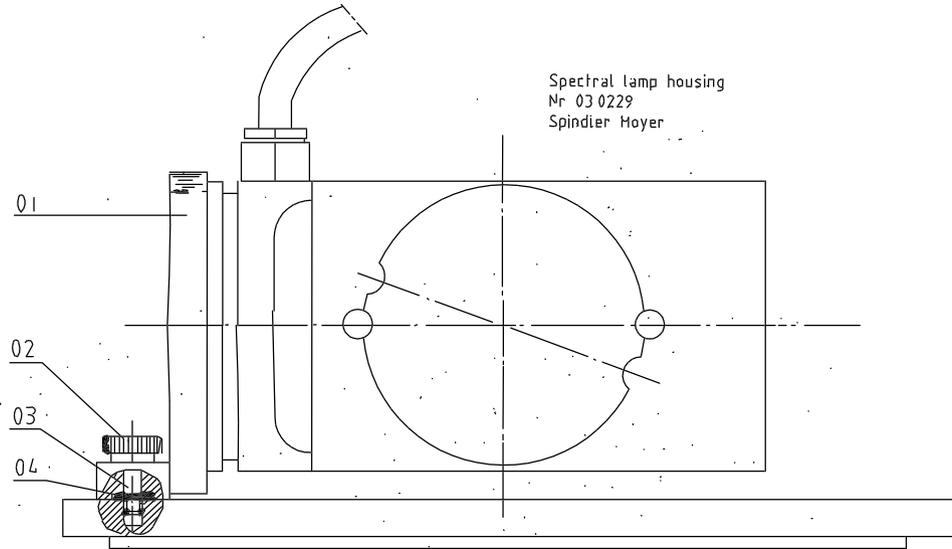


12	2	Fixed Rib	aluminum plate mechanical plate	527.5x141x10	
part no.	quant.	description	material	dimensions	finish remarks
tolerances $25 = \pm 2$ $25,0 = \pm 0,2$ $25,00 = \pm 0,02$ $25 = \pm 1$ $25,0 = \pm 0,1$ $25,00 = \pm 0,01$ $25 = \pm 0,5$ $25,0 = \pm 0,05$ $25,00 = \pm 0,005$ $25 + 0,1 = 25 - 0$		projection	naming <i>Fixed Rib AA0</i>		
remarks  KAPTEYN STERRENWACHT		going with project <i>Taurus II</i>	drawing no.	A3	
		scale 1:2	drawn A de Jong	date 29-7-85	address Mensingheweg 20 9301 KA Roden The Netherlands tel. no.: 06906-19831 telex no.: 63767 KSW RO NL
KAPTEYN STERRENWACHT WERKGROEP					

Spectral lamp housing
 Nr 03 0229
 Spindler Hoyer

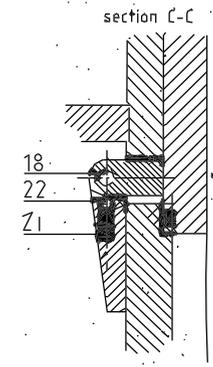
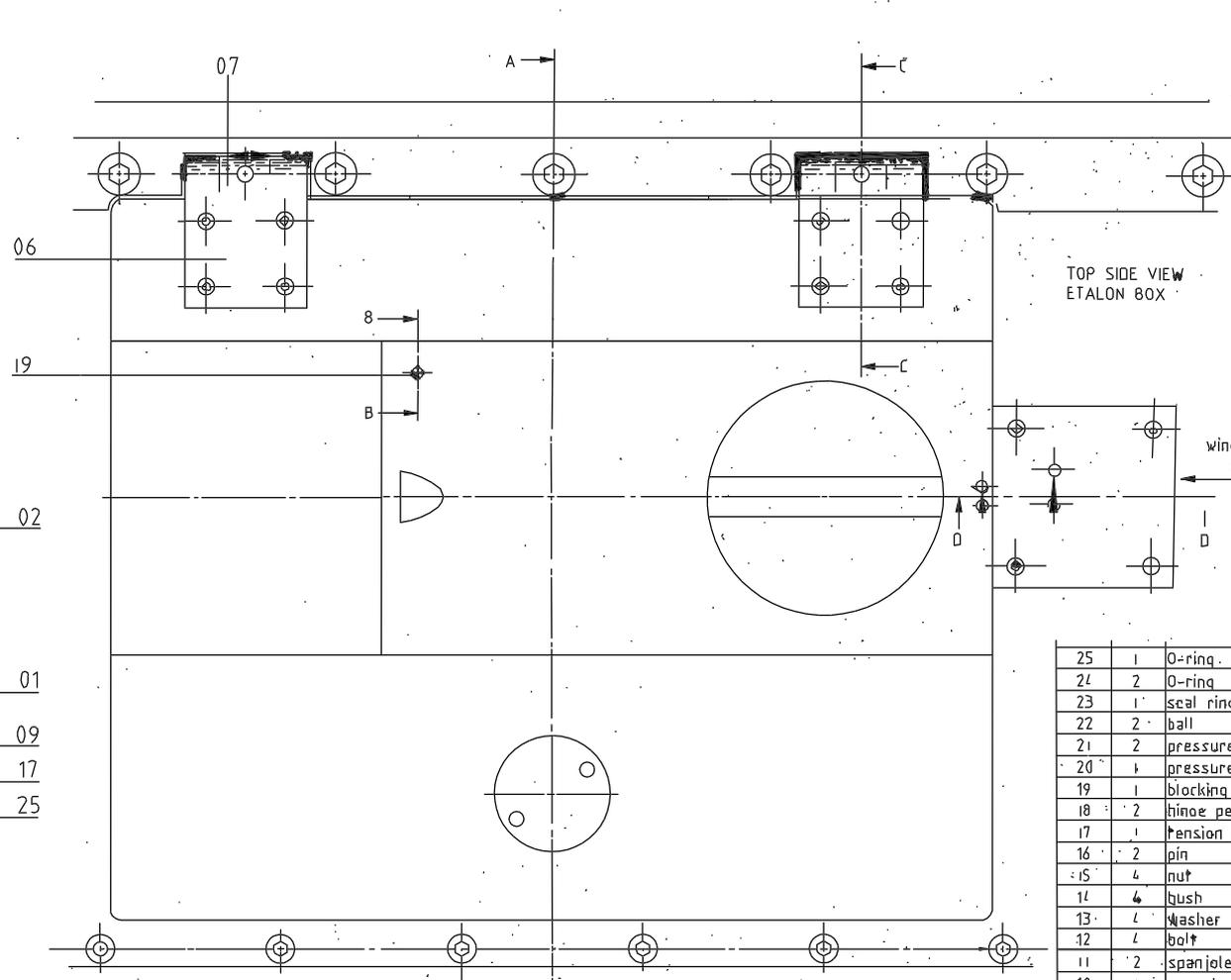
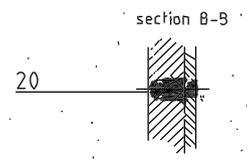
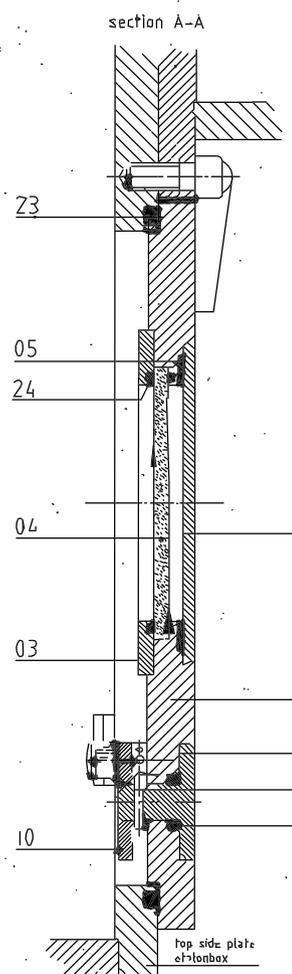


part no.	qu-nt	description	material	dimension	finch
04	2	Circlip for bolt M5			
03	2	Stainless st. hexagon socket	M5		
02	2	Eltec knurled can for M5			
01	1	Lamp hous support	Øuralumin	137x90x30	BLK anodize

tolerances		projection		drawing	
28 ± 0.2	26.0 ± 0.2	28.00 ± 0.02		Spectral Lamp Housing support	
26 ± 0.1	26.0 ± 0.1	28.00 ± 0.01			
26 ± 0.6	26.0 ± 0.06	28.00 ± 0.06			
26 ± 0.1	26 ± 0.1	28 ± 0.1			

	gohra vth project		dra- lno no.	
	Faurus II		E029 42	
	date	date	address	
M.	A de Jong	8-8-86	Meeuwengaag 20 610 KA Rooder TR, Nieuwstadt NL 6520 ZB - 19031	

KAPTEYN STERRENWACHT WERKGROEP



window safety switch
see drawing E 026



25	1	O-ring	neoprene	no:110	ERIKS NV.
24	2	O-ring	neoprene	no:078	ERIKS NV.
23	1	seal ring	silicone hose	ø4 x00A	
22	2	ball	stainless st	ø4	
21	2	pressure spring	stainless st	ø4x00A	
20	1	pressure spring	stainless st	ø3x00A	
19	1	blocking pin	stainless st	ø5x8	
18	2	hinge pin	stainless st	ø4x34	
17	1	tension pin		ø2x15	
16	2	pin	stainless st	ø4x10	
15	4	nut	stainless st	ø10x6	
14	4	bush	celeron	ø10x00A	
13	4	washer	celeron	ø10x1	
12	4	bolt	stainless st	ø10x25	
11	2	spanjolet	stainless st	119,5x10x5	
10	1	wrench	stainless st	ø32x8	
09	1	pivot pin	stainless st	ø32x21	
08	1	block	stainless st	10x5x4	
07	2	hinged part	duralumin	24 x20x10	anodize
06	2	hinged part	duralumin	41x34 x10	anodize
05	1	light seal ring	felt	ø8x1	
04	1	window		ø75x4	
03	1	mounting ring	duralumin	495x1	anodize
02	1	sliding window	duralumin	169x90x3	anodize
01	1	door	duralumin	244x200x13	anodize
part no.	quantity	description	material	dimensions	supplier

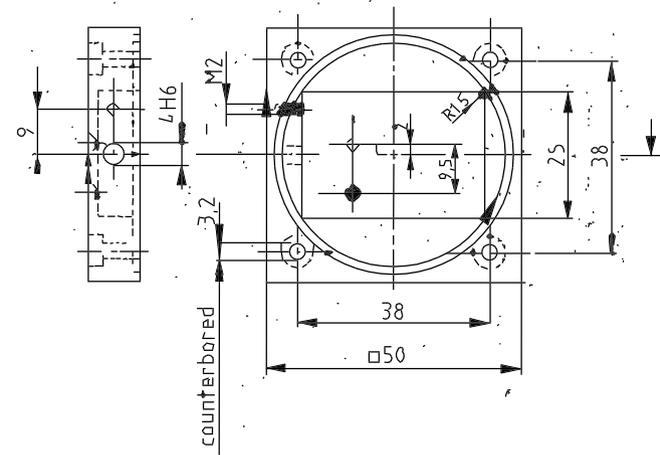
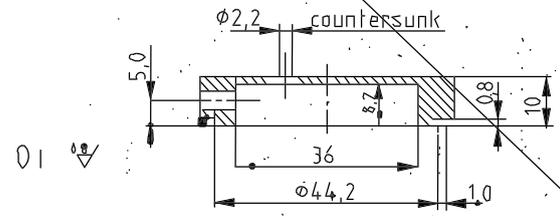
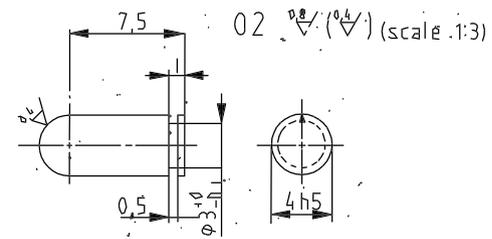
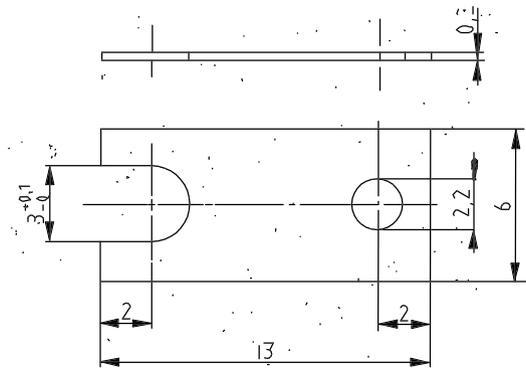
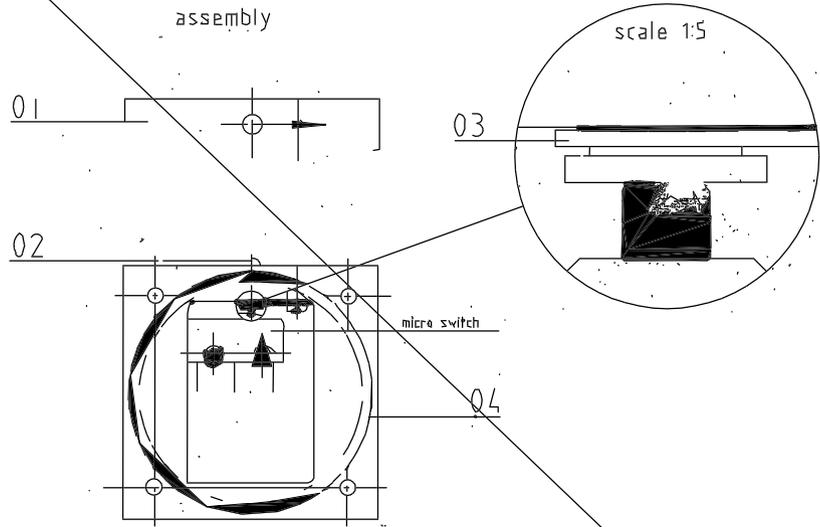
clearance	projection
±0.2	±0.1
±0.3	±0.2
±0.4	±0.3
±0.5	±0.4
±0.6	±0.5
±0.7	±0.6
±0.8	±0.7
±0.9	±0.8
±1.0	±0.9
±1.2	±1.1
±1.5	±1.4
±2.0	±1.9
±2.5	±2.4
±3.0	±2.9
±4.0	±3.9
±5.0	±4.9
±6.0	±5.9
±8.0	±7.9
±10.0	±9.9

INTERLOCKED DOOR

if you find on underside right of the etalon box, the part of no 06 will have several other dimensions (see detail drawing E 026)

scale: 1:1
 date: 15-10-95
 address: Kapteyn Sterrenwacht, PO Box 17003, NL-1200 BA Amsterdam, The Netherlands
 phone: +31 (0)20 681 1000
 telex: 31157 KSW NL

03 $\frac{0.1}{\sqrt{}}$ (scale 1:5)



see also assembly drawing E 027

part no.	quant.	description	material	dimensions	finish
01	1	O-ring	neoprene	No.031	ERIKS NV
03	1	leaf spring	phosphor br	13x6x0.3	
02	1	pin	stainless st	4x9.5	
04	1	housing	duralumin	50x50x10	anodize

tolerances	projection	name
28 ± 0.2 26 ± 0.1 26.0 ± 0.05 $26 \pm 0.1 - 25 - 0.1$		WINDOW SAFETY SWITCH

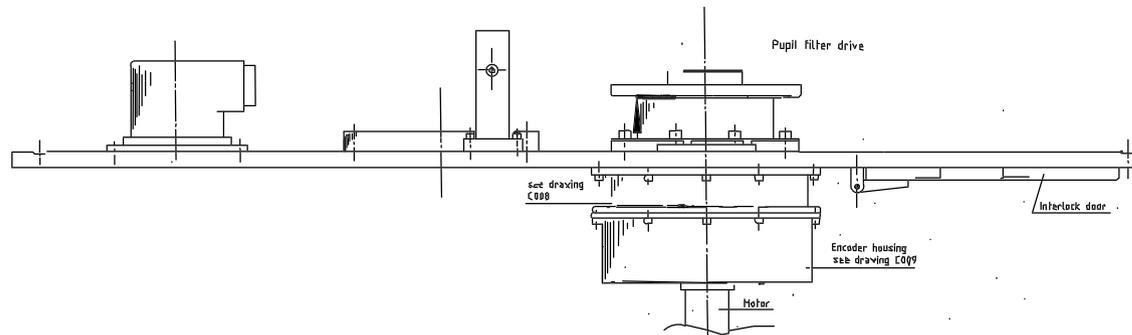
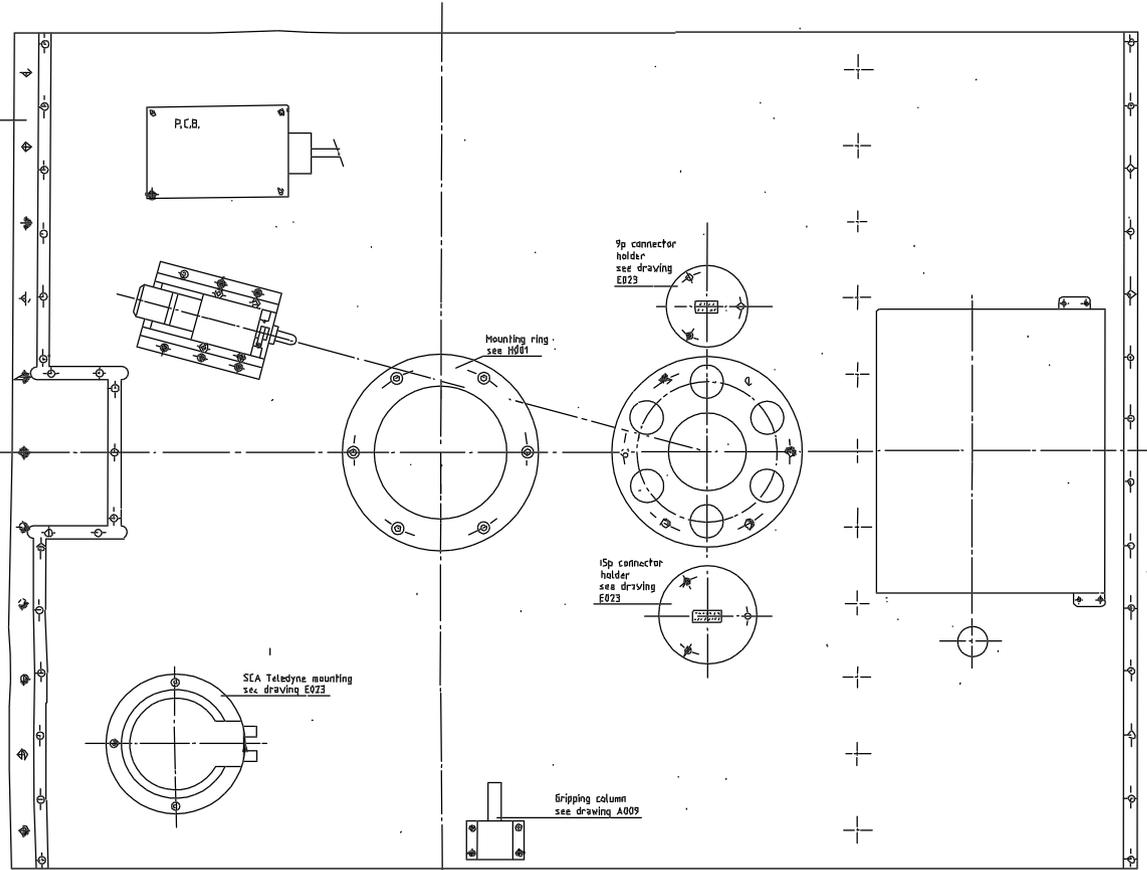
scale	drawn	date	checked
1:1		9-11-85	

drawing no.	revision
E 024	A3

company
KARTEYN STERRENWACHT WERKGROEP

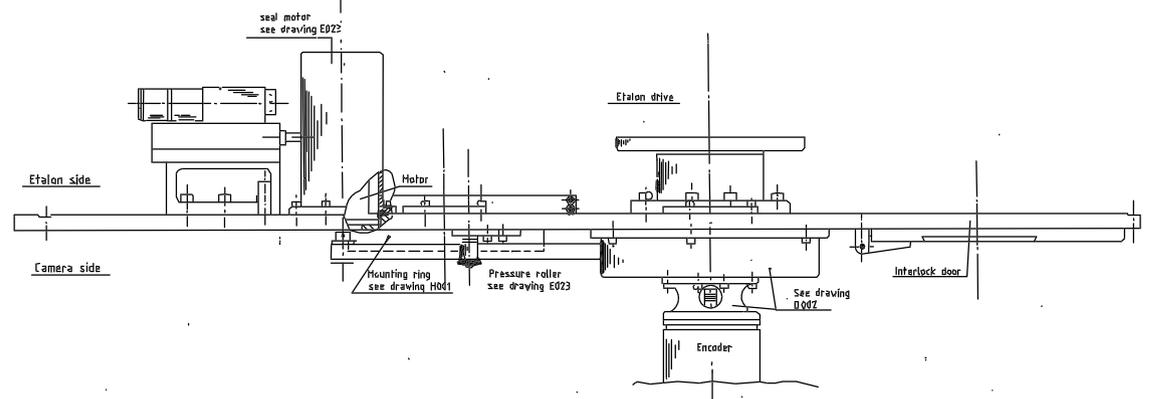
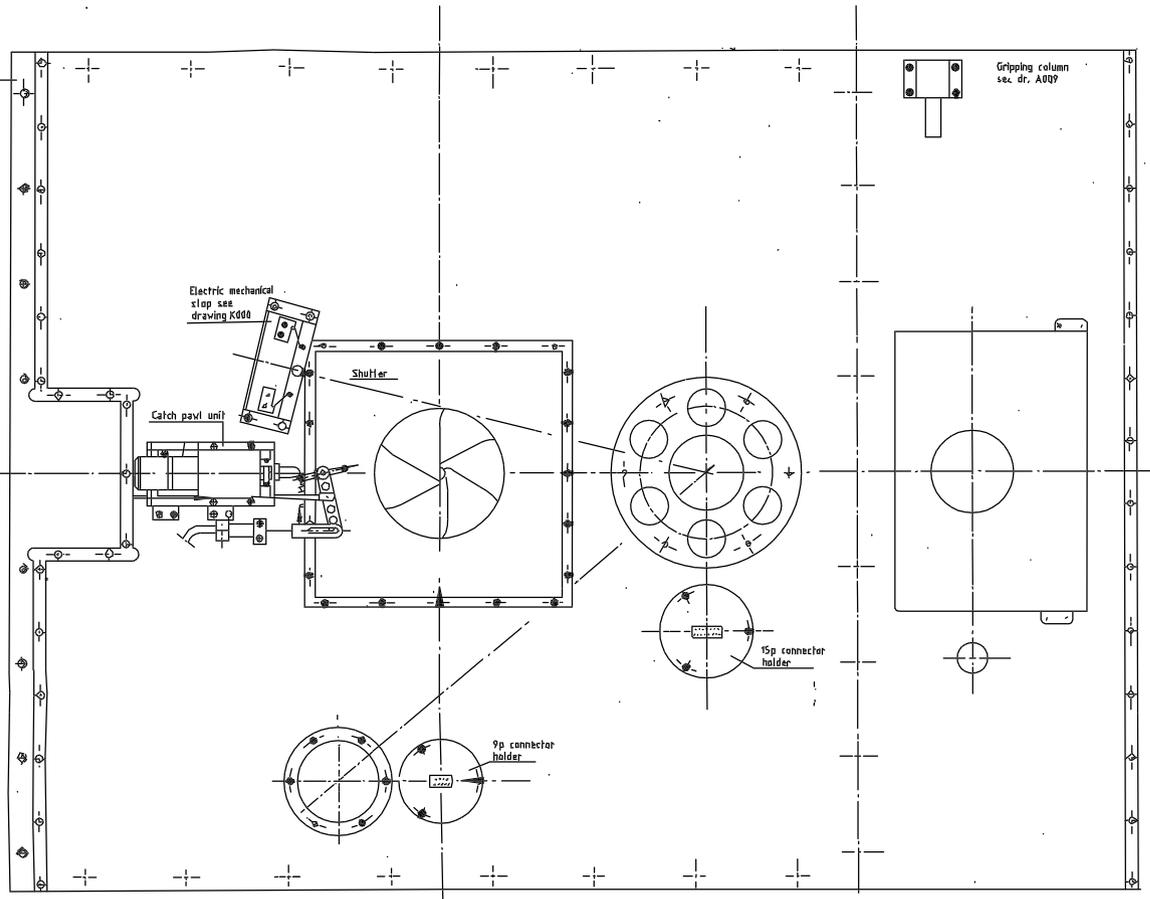
address
Molenhoekweg 2D 6501 KA Roer, The Netherlands tel. no.: 04308 110031 telex no.: 53767 KS / ARO NL

08



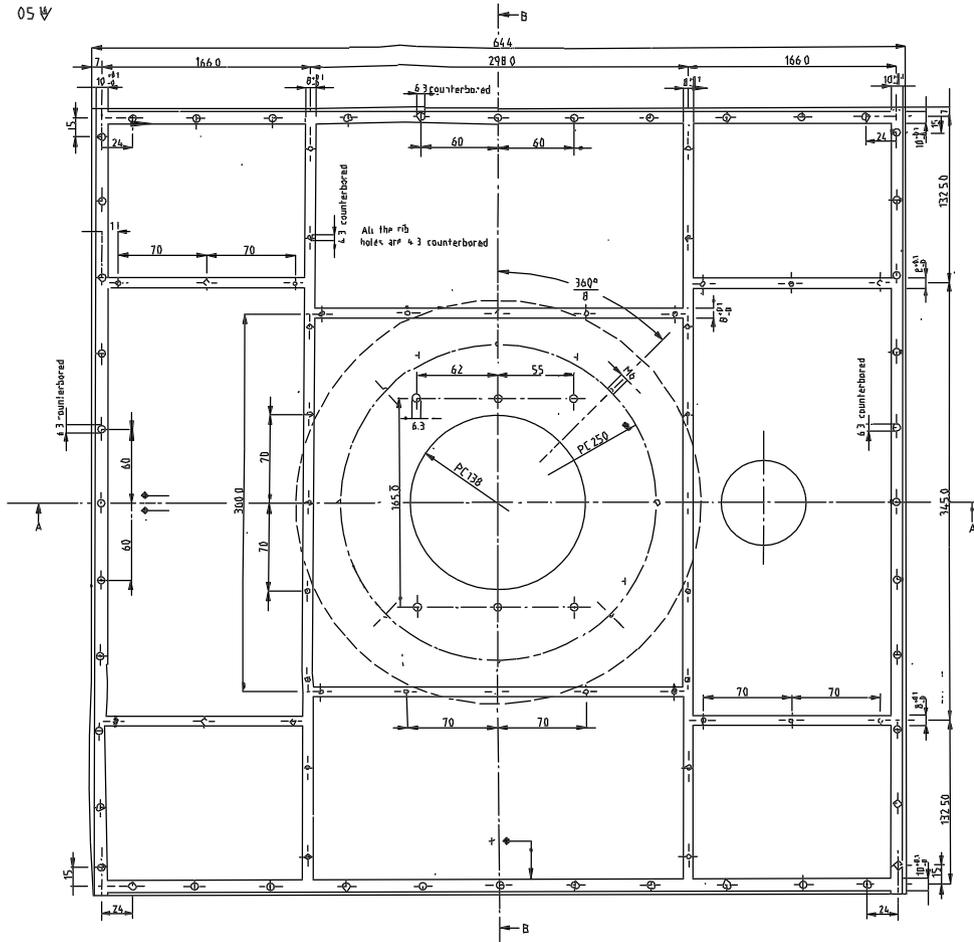
item no.	quan.	description	material	dimensions	stock
KAPTEYN STERRENWACHT WERKGROEP					
Assembly drawing of part no. 08 drawing E012					
part no. 08		description Taurus II		drawing no. E023	
date 12		author A de Jong		date 15-10-85	
KAPTEYN STERRENWACHT WERKGROEP					

09

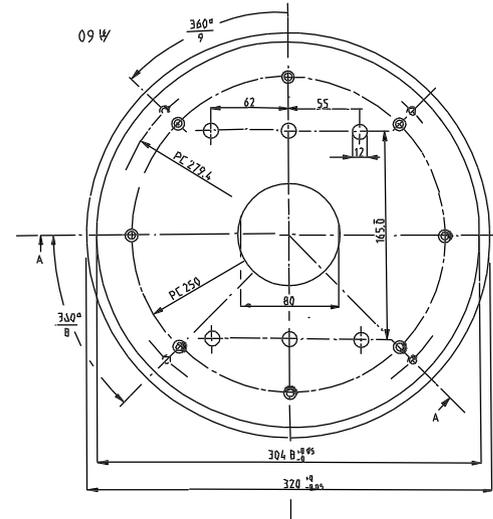
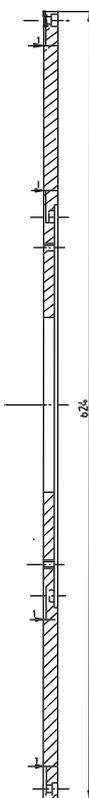


con. no.	servic.	description	material	draw. no.	finish
01		tolerances			
02		projection			
03		drawing			
04		assembly drawing			
05		of part no. 09 drawing 013			
		Taurus II		drawing no.	A1
		E 024			
		scale	1:2	date	14-10-85
		drawn by	A de Jong	checked by	
		KAPTEYN STERRENWACHT WERKGROEP			

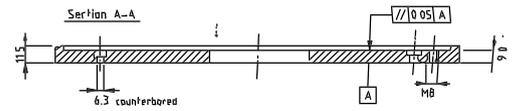
05 Ψ



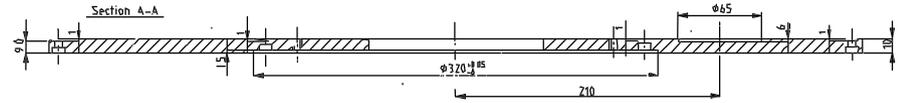
Section B-B



Section A-A

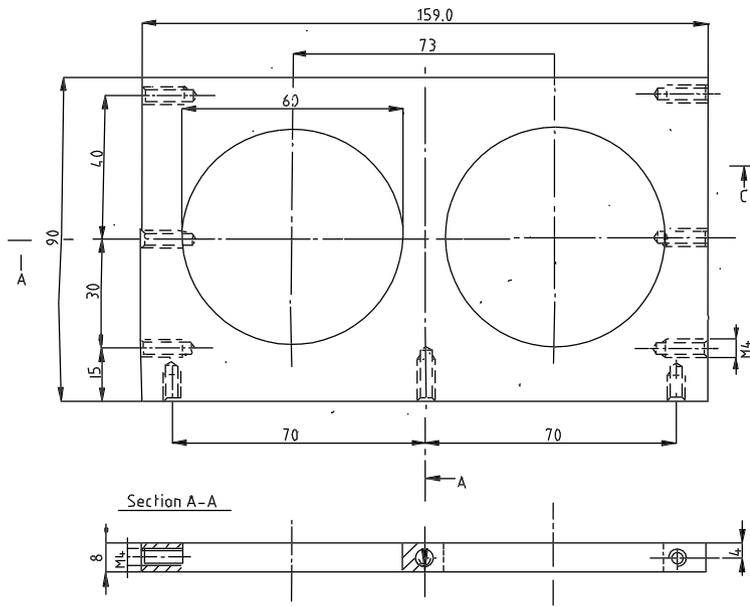


Section A-A

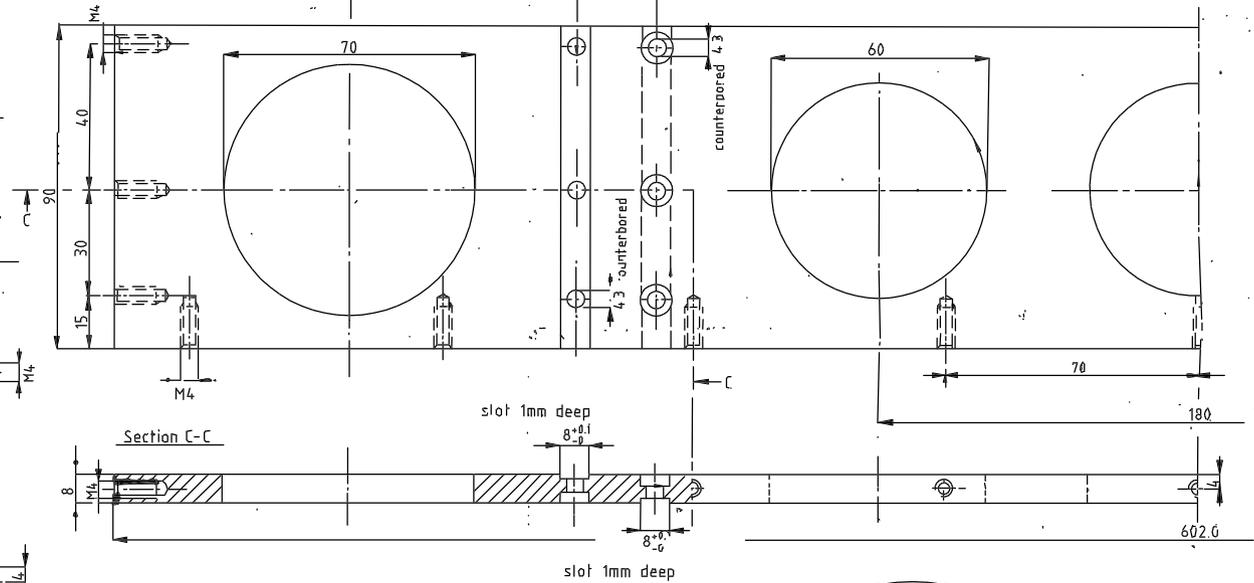


09	1	IPCS mounting plate	stainless st	ø320x11.5										
05	1	under plate		64.4x62.6x2.0										
part no.	quant	description	material	dimensions	remarks									
<table border="1"> <tr> <td> lot no. 10-85 10-85 10-85 </td> <td> projection </td> <td> number Camera Box </td> </tr> <tr> <td> project Taurus II </td> <td> drawing no. E 022 </td> <td> date 1-10-85 </td> </tr> <tr> <td> Kapteyn Sterrenwacht Werkgroep </td> <td> A de Jong </td> <td> 1-10-85 </td> </tr> </table>						lot no. 10-85 10-85 10-85	projection 	number Camera Box	project Taurus II	drawing no. E 022	date 1-10-85	Kapteyn Sterrenwacht Werkgroep	A de Jong	1-10-85
lot no. 10-85 10-85 10-85	projection 	number Camera Box												
project Taurus II	drawing no. E 022	date 1-10-85												
Kapteyn Sterrenwacht Werkgroep	A de Jong	1-10-85												
KAPTEYN STERRENWACHT WERK GROEP														

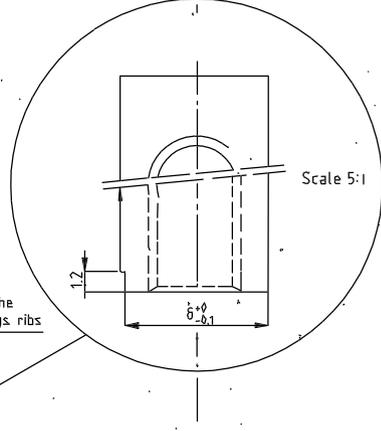
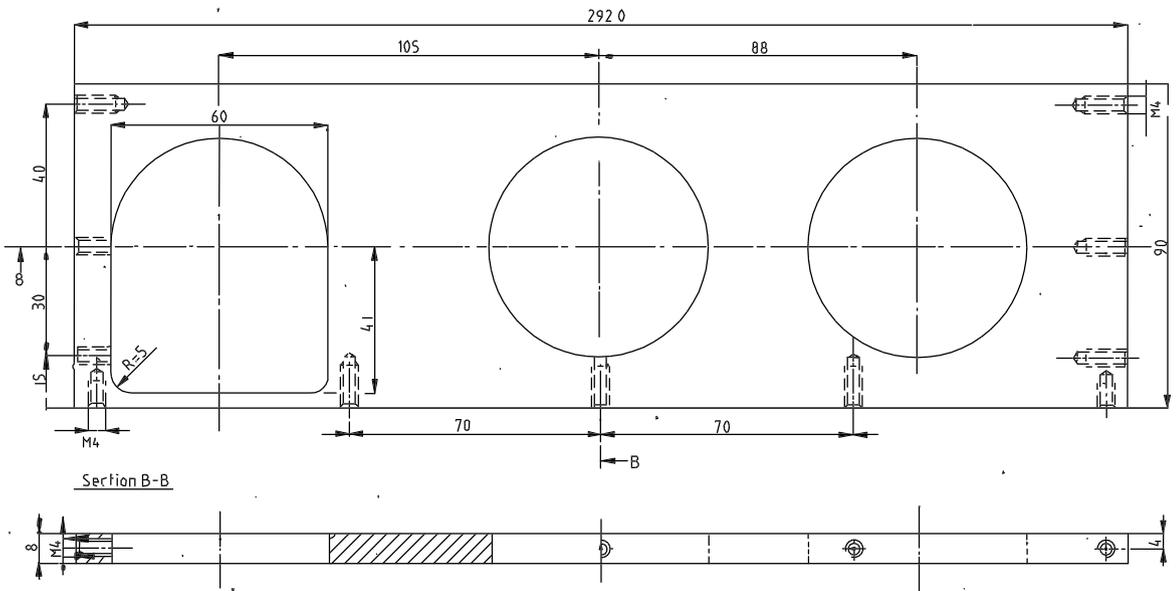
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08

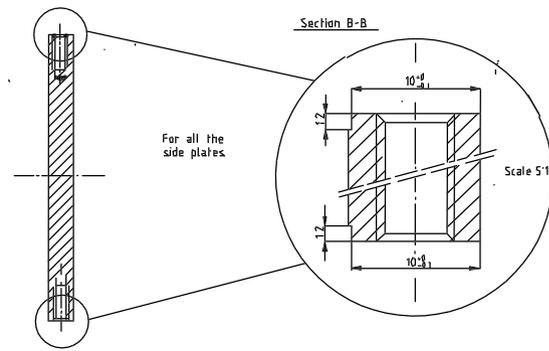
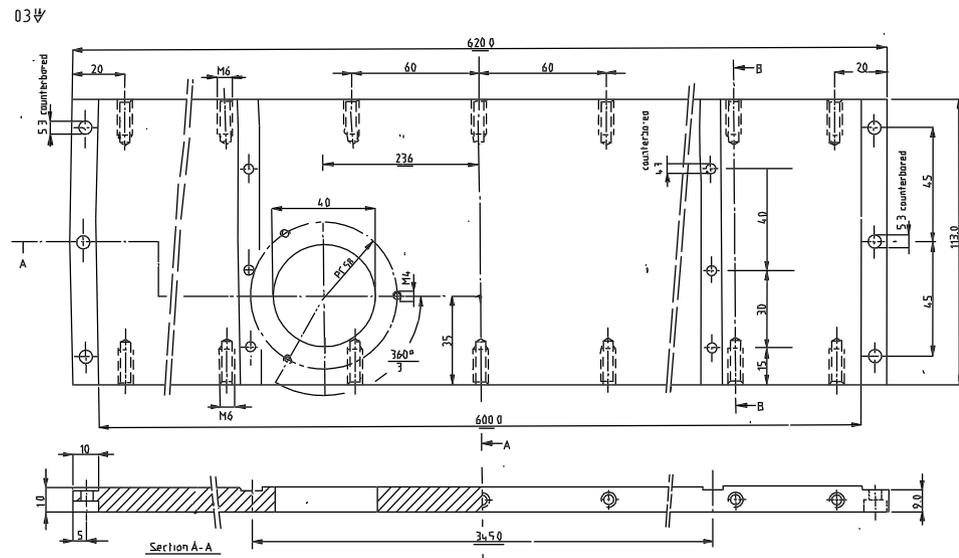
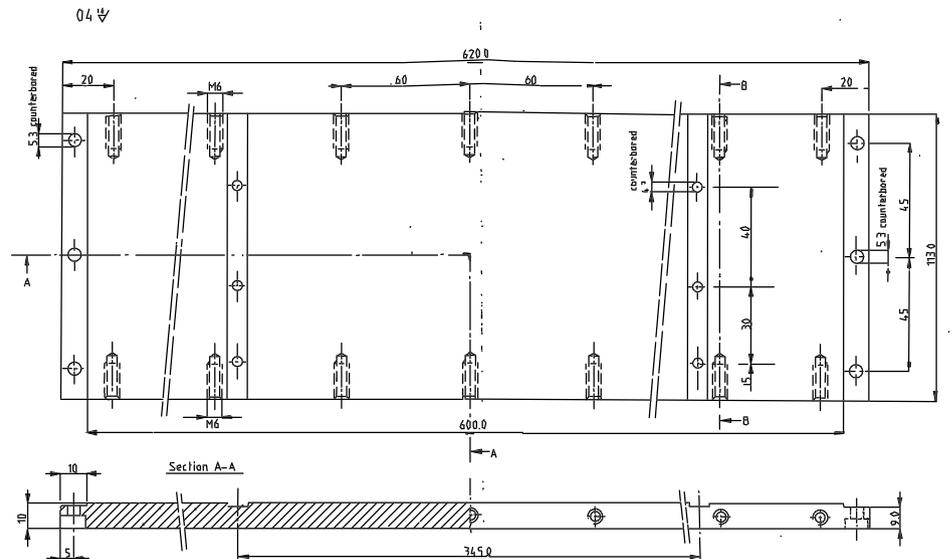
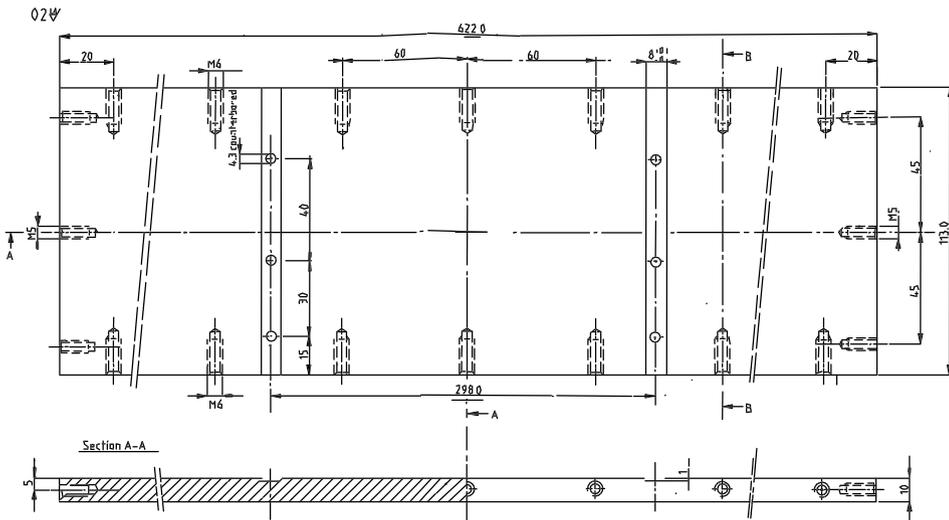


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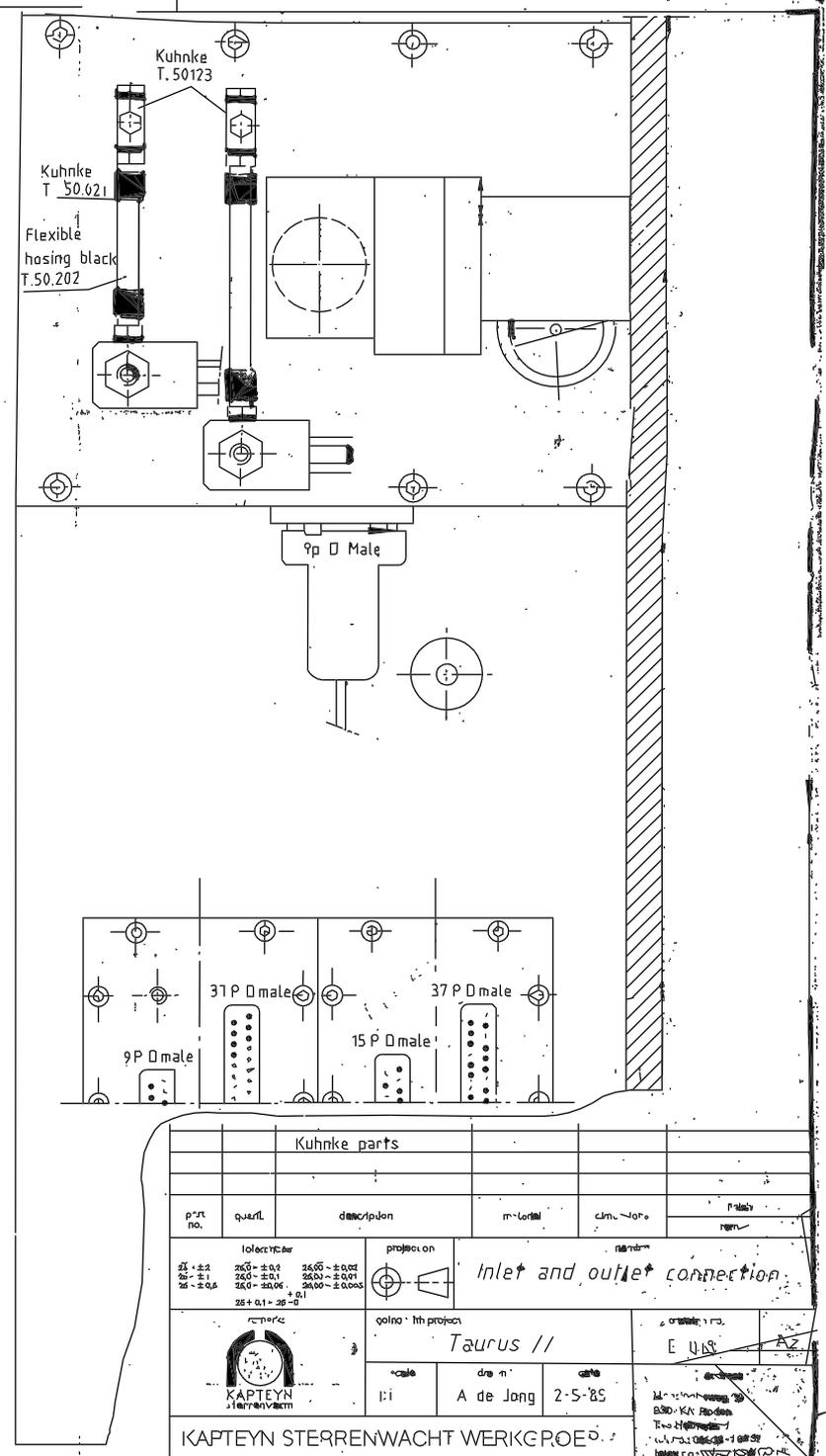
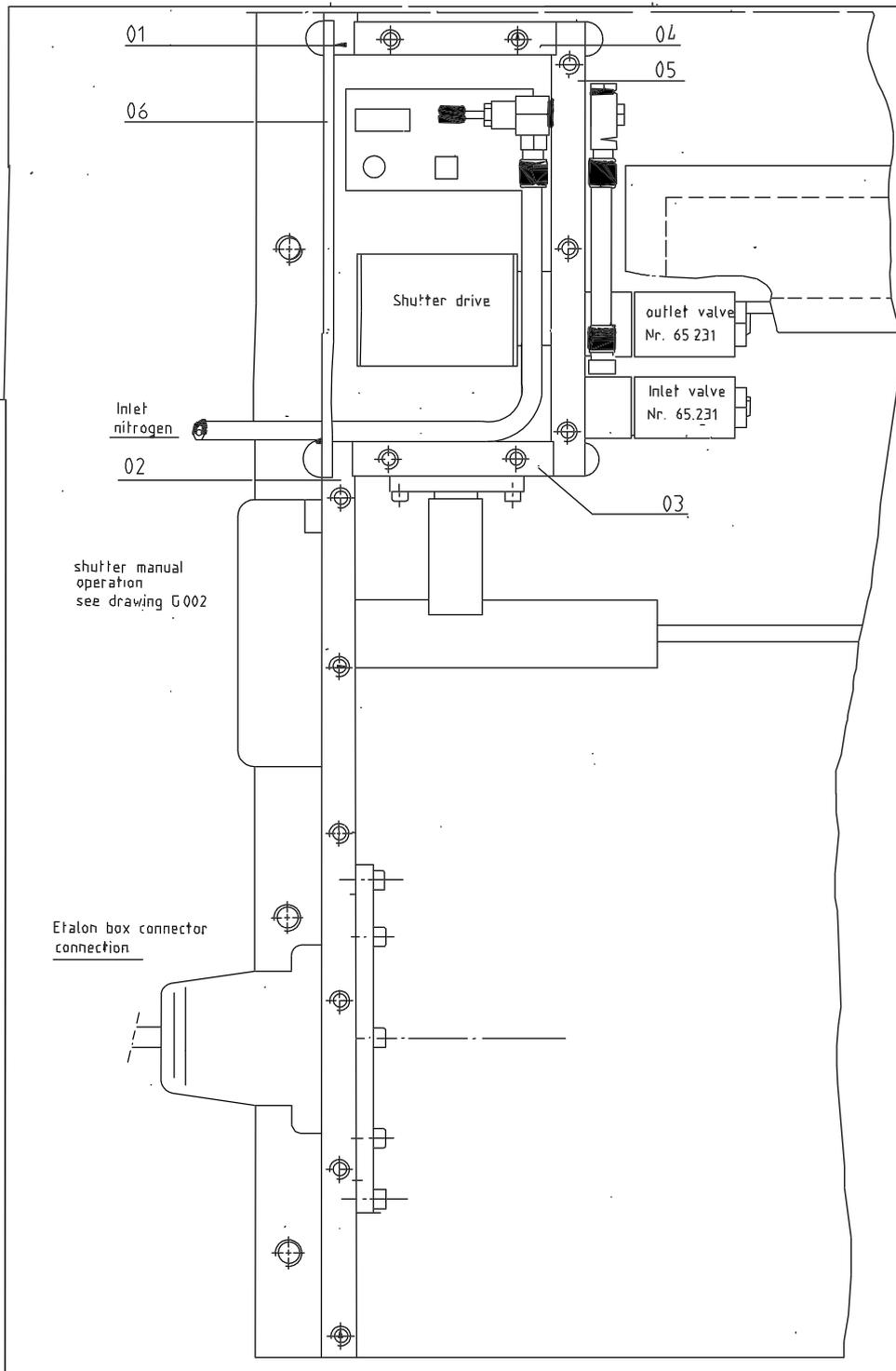


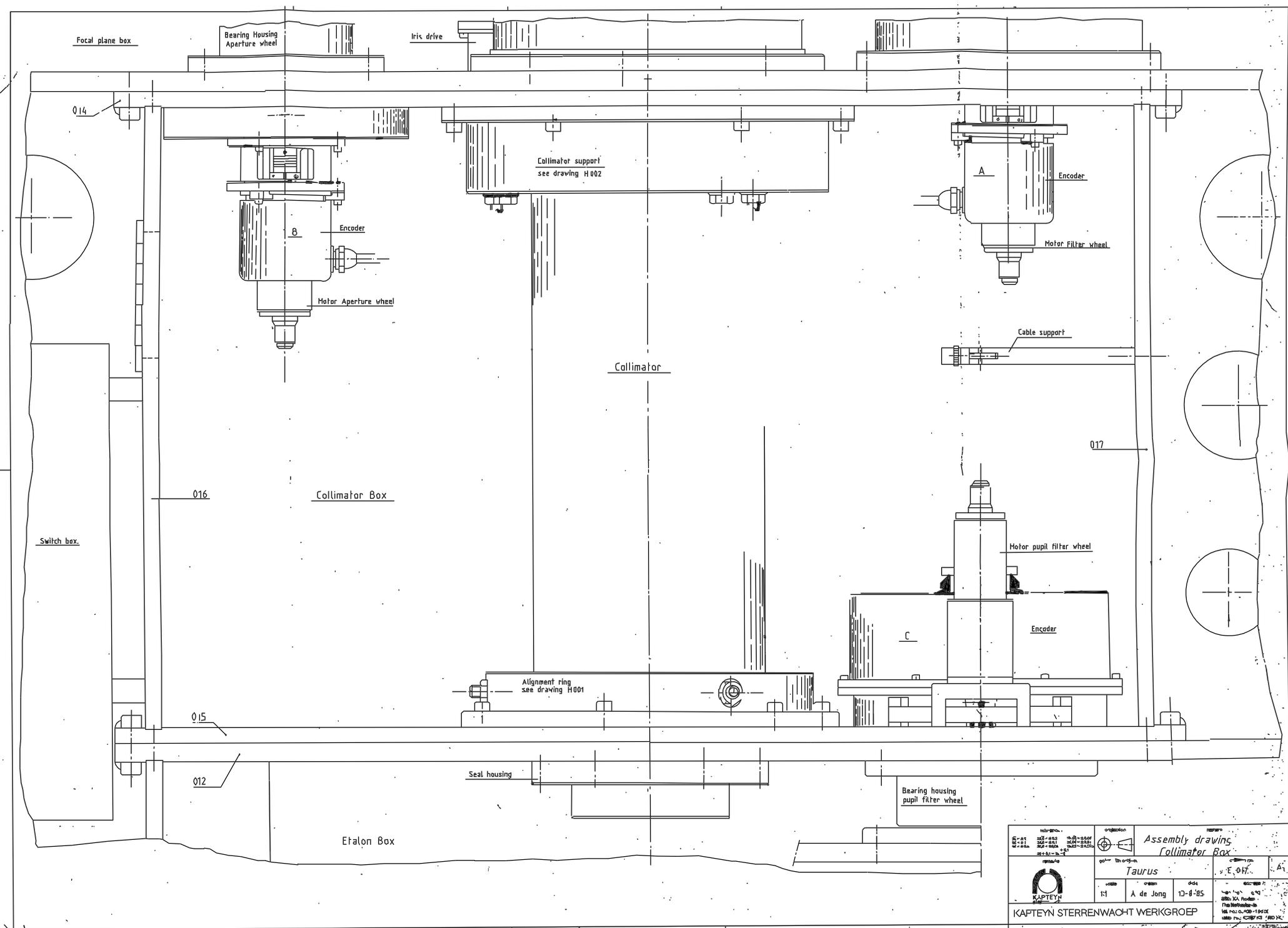
part no.	quant.	description	material	dimensions	notes
08	2	Stiffening rib	Alu 6061	602x90x8	
07	2	Stiffening rib	Alu 6061	292x90x8	
06	4	Stiffening rib	Alu 6061	159x90x8	

 KAPTEYN Sterrenwacht	going with project	drawing no.
	Taurus II	E 021
scale	drawn	date
1:1	A de Jong	30-9-85
KAPTEYN STERRENWACHT. WERKGROEP		address
		16001 AA Roden TP. Houtstade tel. no: 06020-19631 fax no: 03787 KSV RO NL



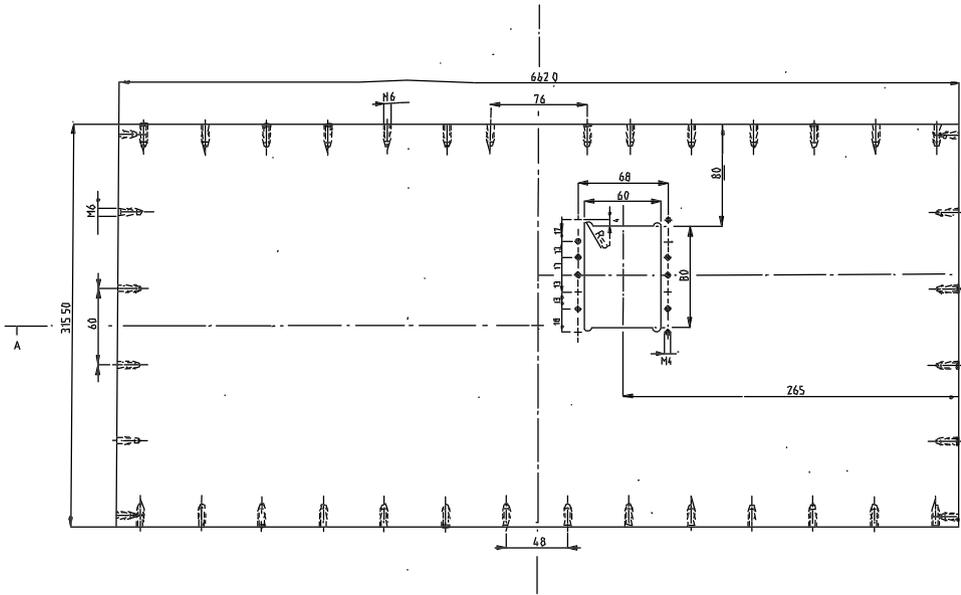
04	1	Side plate	620x113x10
03	1	Side plate	620x113x10
02	7	Side plate	622x113x10
part no.	quant.	description	mat.-L3
			Camera Box.
Taurus II		E 020	A1
scale	1:1	date	12 9 85
KAPTEYN STERRENWACHT WERKGROEP			



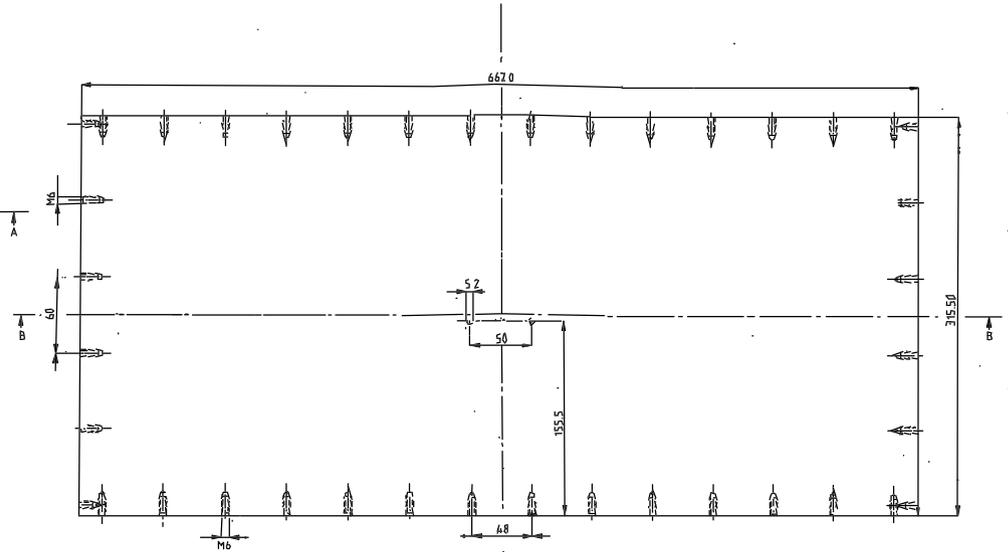


TITELBLAD 1:1 13-8-85 A de Jong 13-8-85 Kapteyn Sterrenwacht Werkgroep		ORIGINATOR Taurus A de Jong 13-8-85	REVISION E.017 A
KAPTEYN STERRENWACHT WERK GROEP		Assembly drawing Collimator Box	

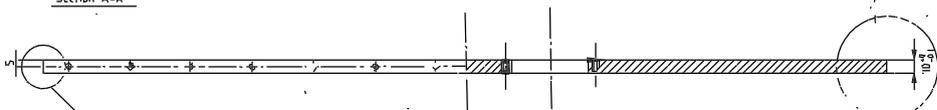
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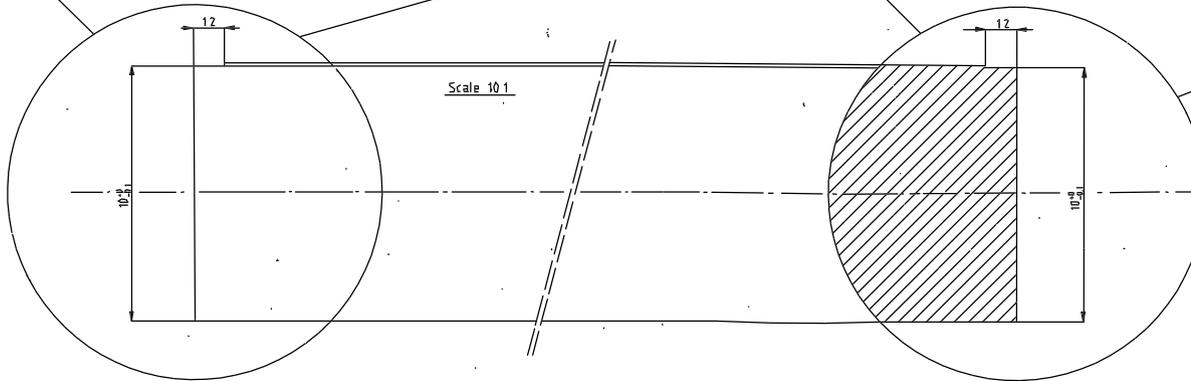
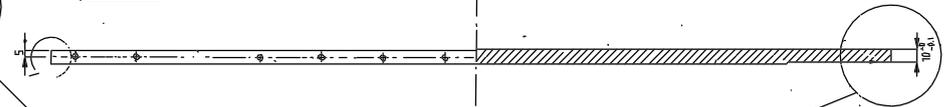
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Section A-A



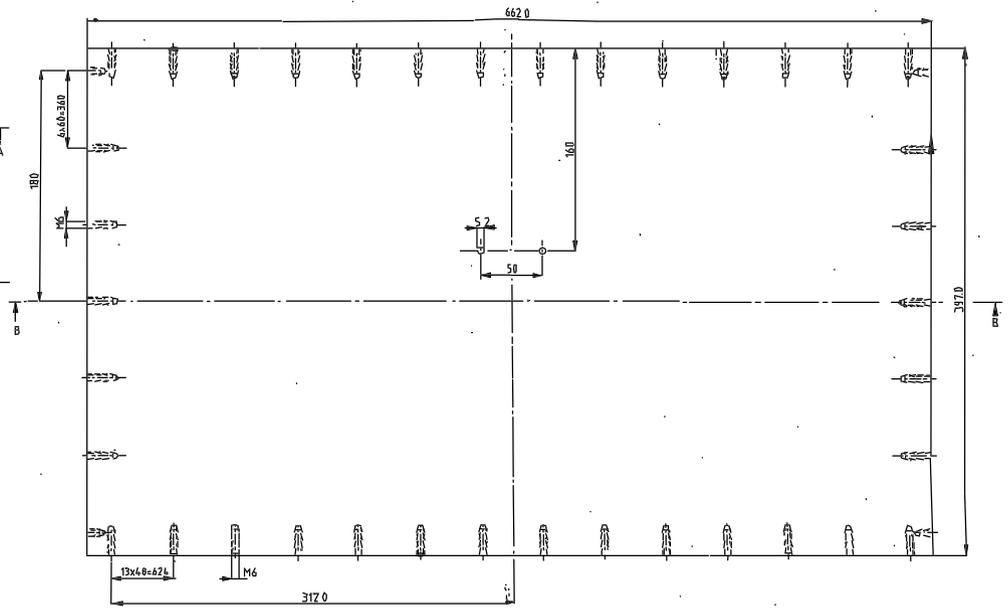
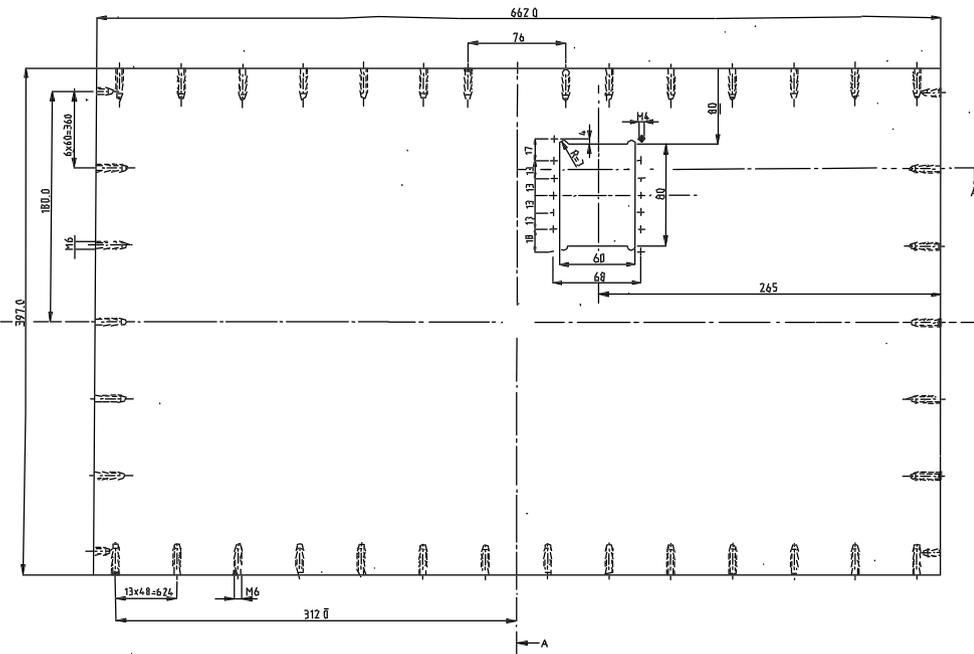
Section B-B



17	1	Side plate	662x315.5x10
16	1	Side plate	662x315.5x10
part no.	quantity	description	material
17	1	Side plate	662x315.5x10
16	1	Side plate	662x315.5x10
17 = 6.5 16 = 6.5 17 = 6.5 16 = 6.5		17 = 6.5 16 = 6.5 17 = 6.5 16 = 6.5	17 = 6.5 16 = 6.5 17 = 6.5 16 = 6.5
		COLLIATOR BOX (A40)	Taurus II
12		A. de Jong	8-7-85
KAPTEYN STERRENWACHT WERKGROEP		E 016 ^A	A1

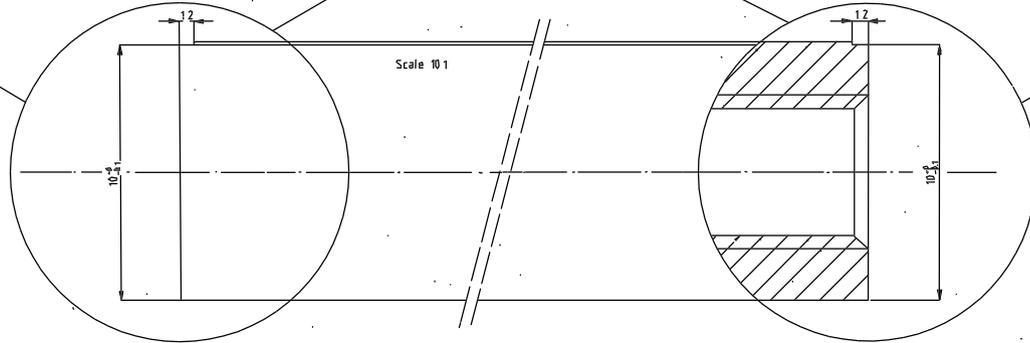
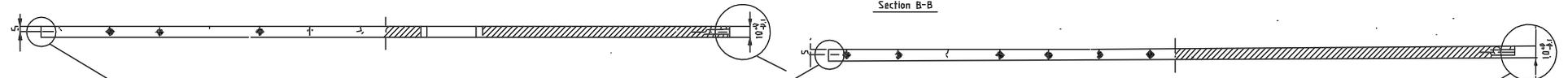
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17

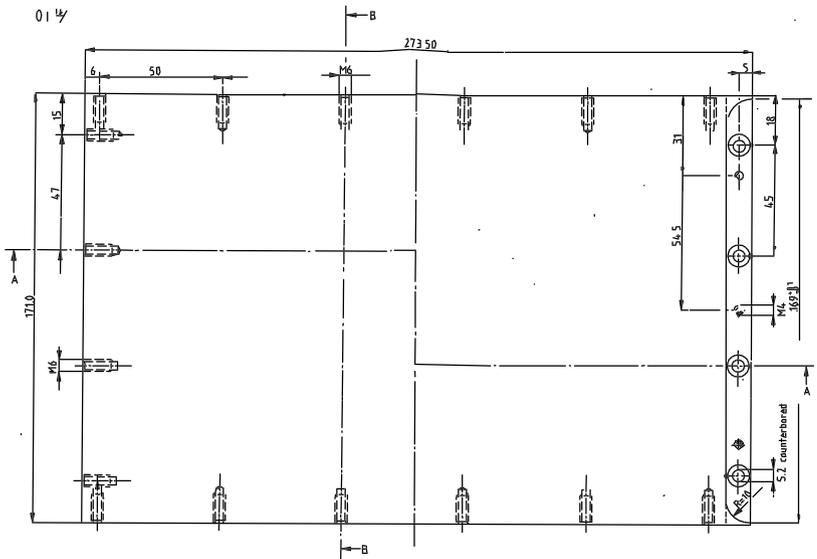


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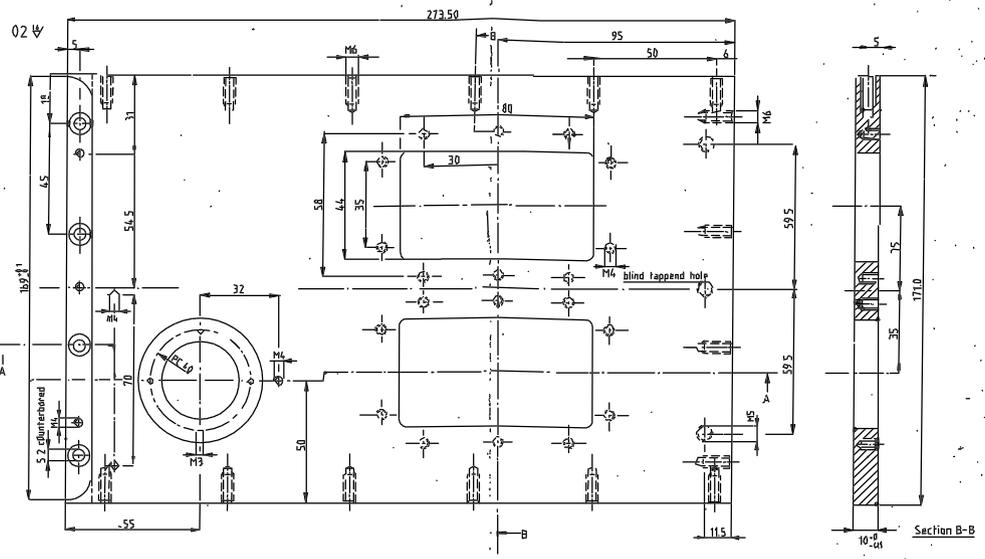
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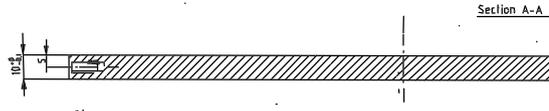
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D. nr.		overt.	de aftekening	material	dimensie	afm.
nom. nr.		aftekening	probleem	naam		
01-01 02-01 03-01 04-01 05-01 06-01 07-01 08-01 09-01 10-01 11-01 12-01 13-01 14-01 15-01 16-01 17-01 18-01 19-01 20-01 21-01 22-01 23-01 24-01 25-01 26-01 27-01 28-01 29-01 30-01 31-01 32-01 33-01 34-01 35-01 36-01 37-01 38-01 39-01 40-01 41-01 42-01 43-01 44-01 45-01 46-01 47-01 48-01 49-01 50-01 51-01 52-01 53-01 54-01 55-01 56-01 57-01 58-01 59-01 60-01 61-01 62-01 63-01 64-01 65-01 66-01 67-01 68-01 69-01 70-01 71-01 72-01 73-01 74-01 75-01 76-01 77-01 78-01 79-01 80-01 81-01 82-01 83-01 84-01 85-01 86-01 87-01 88-01 89-01 90-01 91-01 92-01 93-01 94-01 95-01 96-01 97-01 98-01 99-01 100-01		Taurus II scale 1:2 drawn A de Jong date 27-3-85		E Q16 A1		
KAPTEYN STEARENWACHT WERKGROEP						



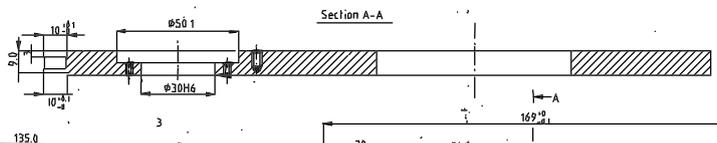
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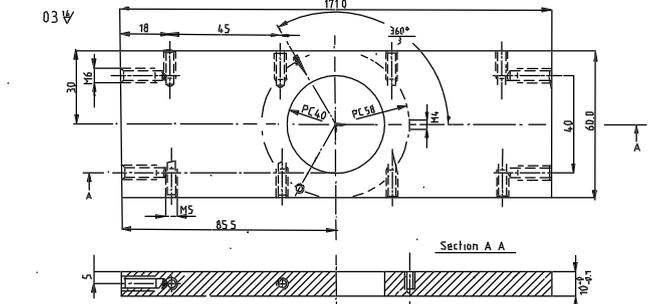
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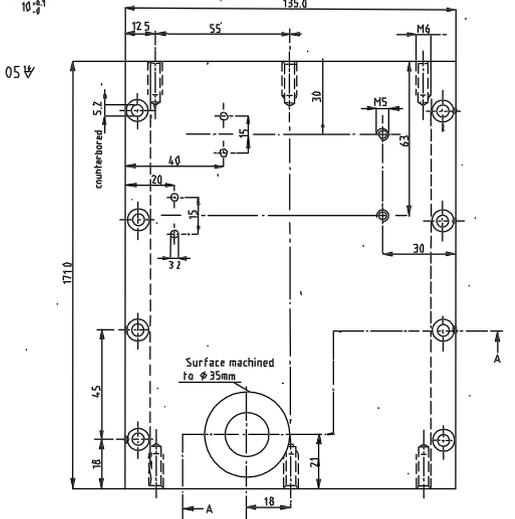
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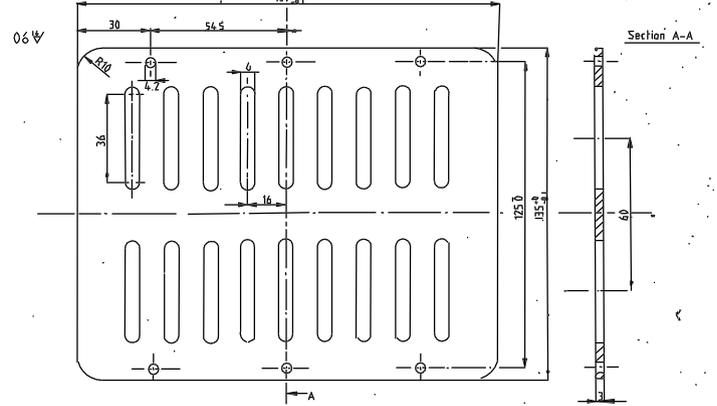
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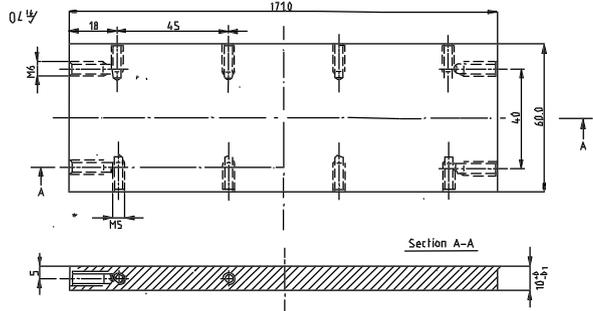
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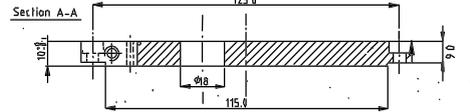
Section A-A



Section A-A

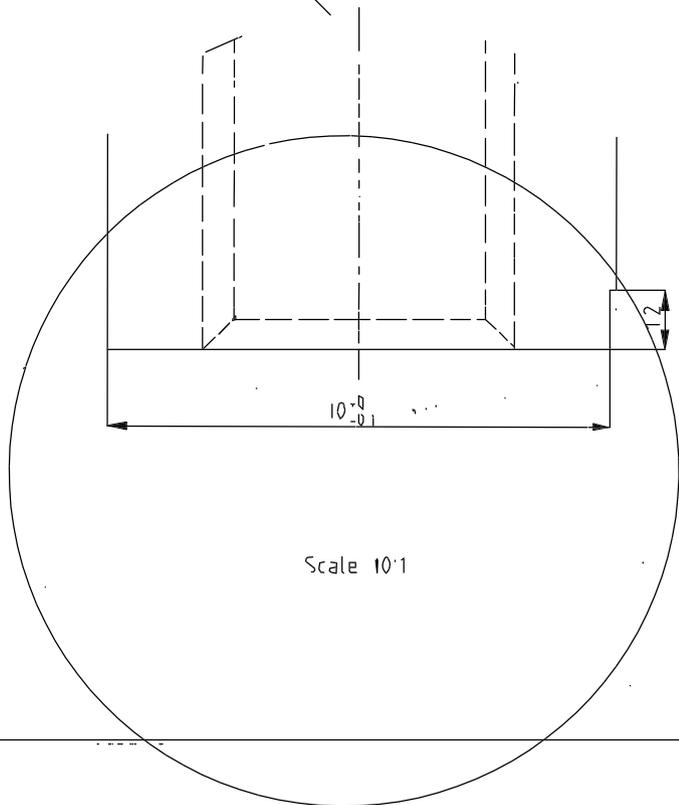
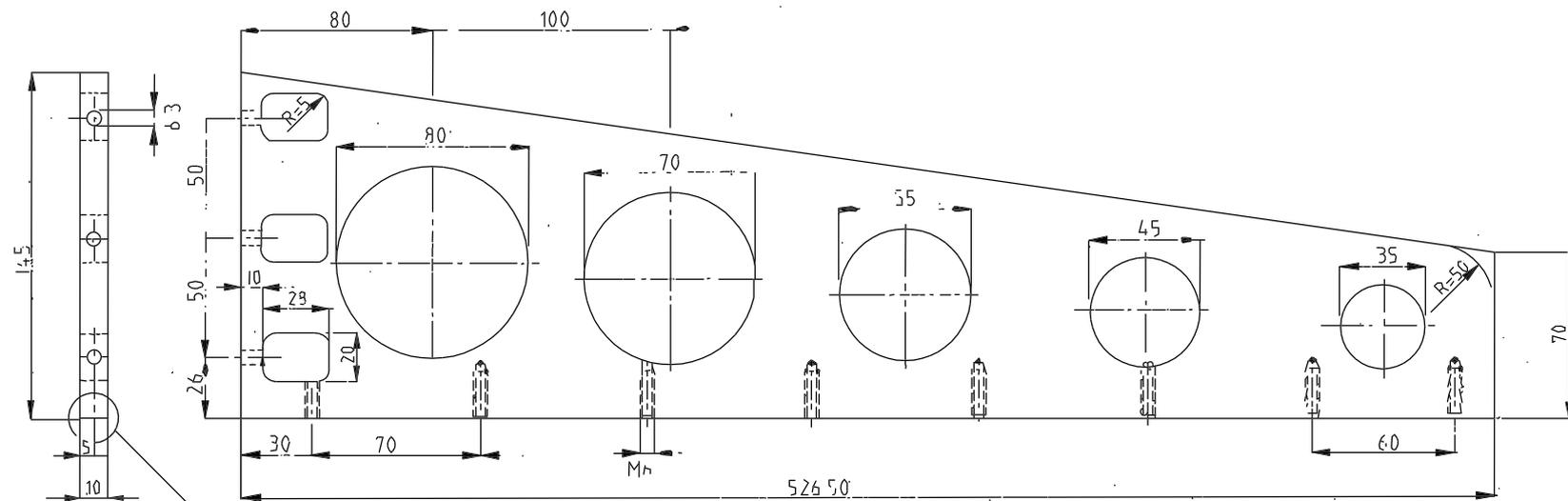


Section A-A

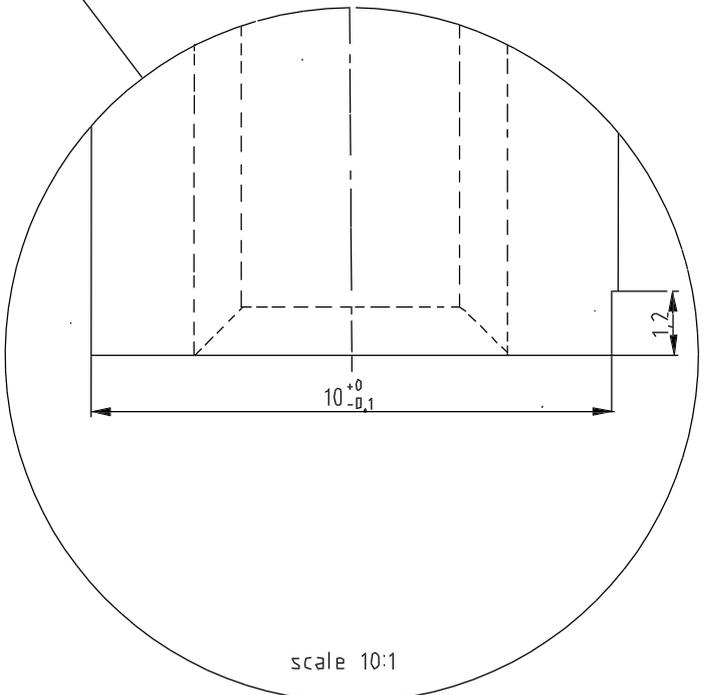
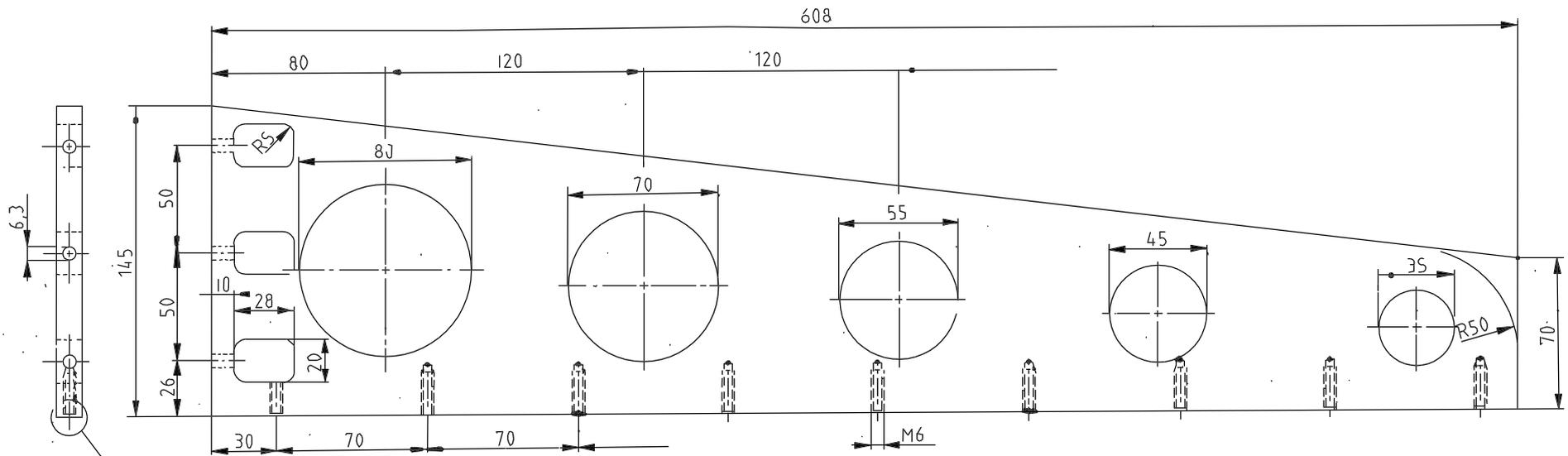


part no.	quantity	description	material	dim.	unit
06	1	Ventilation plate	duralump	169x135x1	
05	1	Assembly plate	aluminum	171x135x10	
04	1	Assembly plate	aluminum	171x60x10	
03	1	Side plate	aluminum	171x60x10	
07	1	Side plate	aluminum	171x57x10	
01	1	Side plate	aluminum	273.5x171x10	

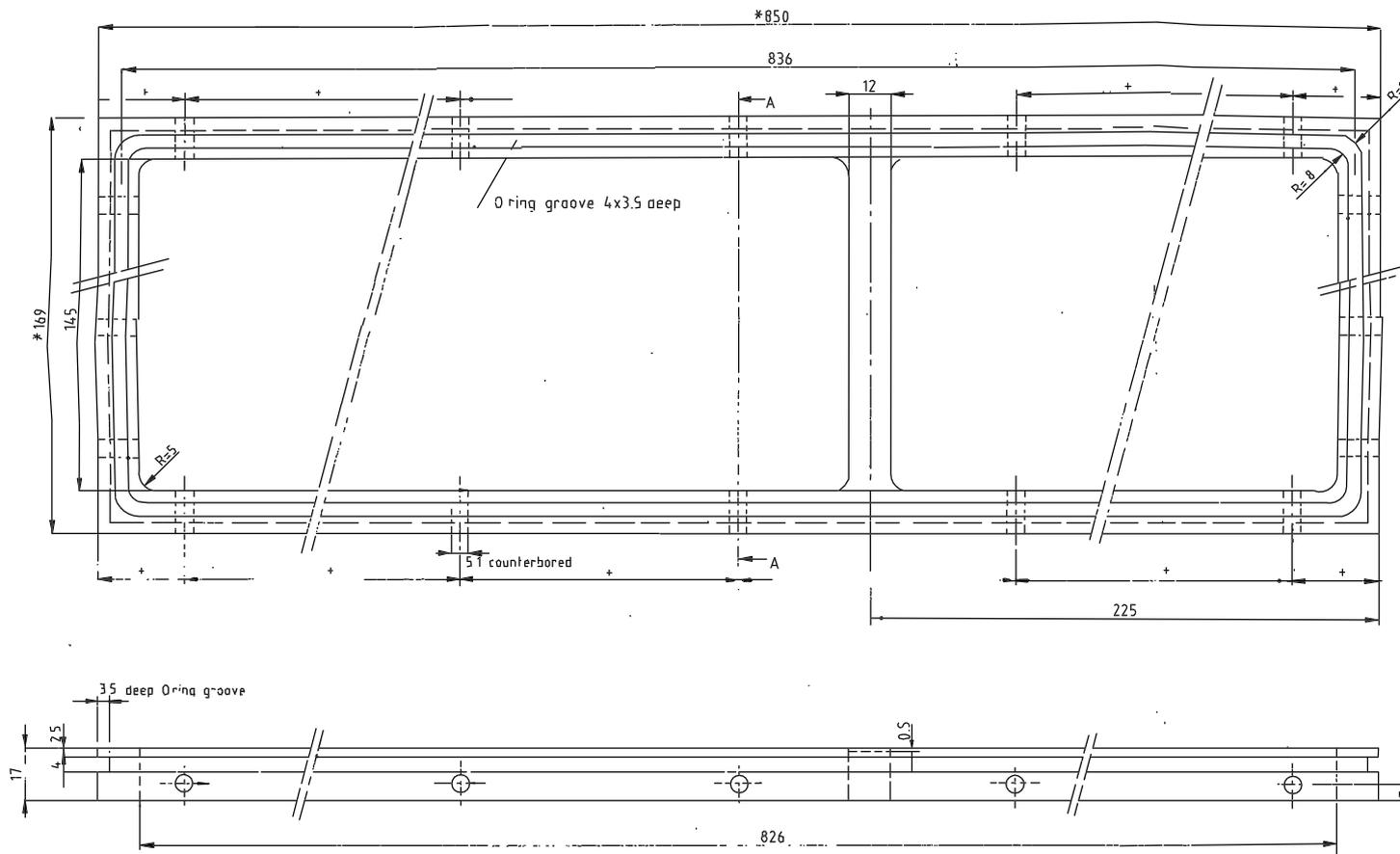
		ETALON BOX	
TAURUS II		order no. E 1010	
A de Jong 29-5-85		Kapteyn Sterrenwacht Werkgroep	



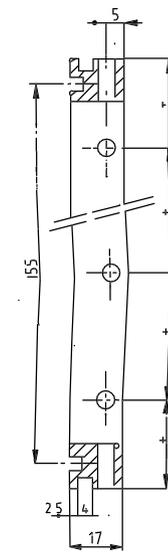
13	2	Rib		i26.5x14.5x10	
part no.	quant.	description	material	dimensions	finish remarks
tolerances $25 = \pm 2$ $26 = \pm 0.2$ $25.00 = \pm 0.02$ $26 = \pm 1$ $25.0 = \pm 0.1$ $25.00 = \pm 0.01$ $25 = \pm 0.5$ $26.0 = \pm 0.05$ $25.00 = \pm 0.005$ $25 + 0.1 = 25 - 0$		projection 	naming REMOVABLE-RIB (AA0)		
remarks 		going with project <i>Taurus II</i>		drawing no. E.009 ²	A3
		scale 1:2	drawn A de Jong	date 29-7-'85	address Mensingheweg 20 3001 KA Roden The Netherlands tel. no.: 05903 -1 9031 telex no.: 53767 KSW RO NL
KAPTEYN STERRENWACHT WERK GROEP					



13	2	Rib	aluminum cast anodized plate	608x145x10	
part no.	quant.	description	material	dimensions	finish remarks
tolerances		projection	naming		
25 ± 2	$25,0 \pm 0,2$	$25,00 \pm 0,02$		REMOVABLE RIB	
25 ± 1	$25,0 \pm 0,1$	$25,00 \pm 0,01$			
$25 \pm 0,5$	$25,0 \pm 0,05$	$25,00 \pm 0,005$			
	$25 + 0,1 = 25 - 0$	$+ 0,1$			
remarks		going with project		drawing no.	
		Taurus II		E 009	A3
		scale	drawn	date	address
		1:2		9-5-'85	Mensingheweg 20 9301 KA Roden The Netherlands tel. no.: 05906 - 19631 telex no.: 53767 KSW RO NL
KAPTEYN STERRENWACHT WERKGROEP					



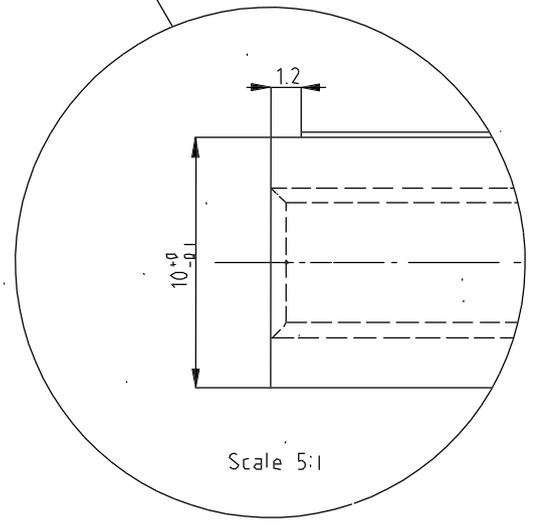
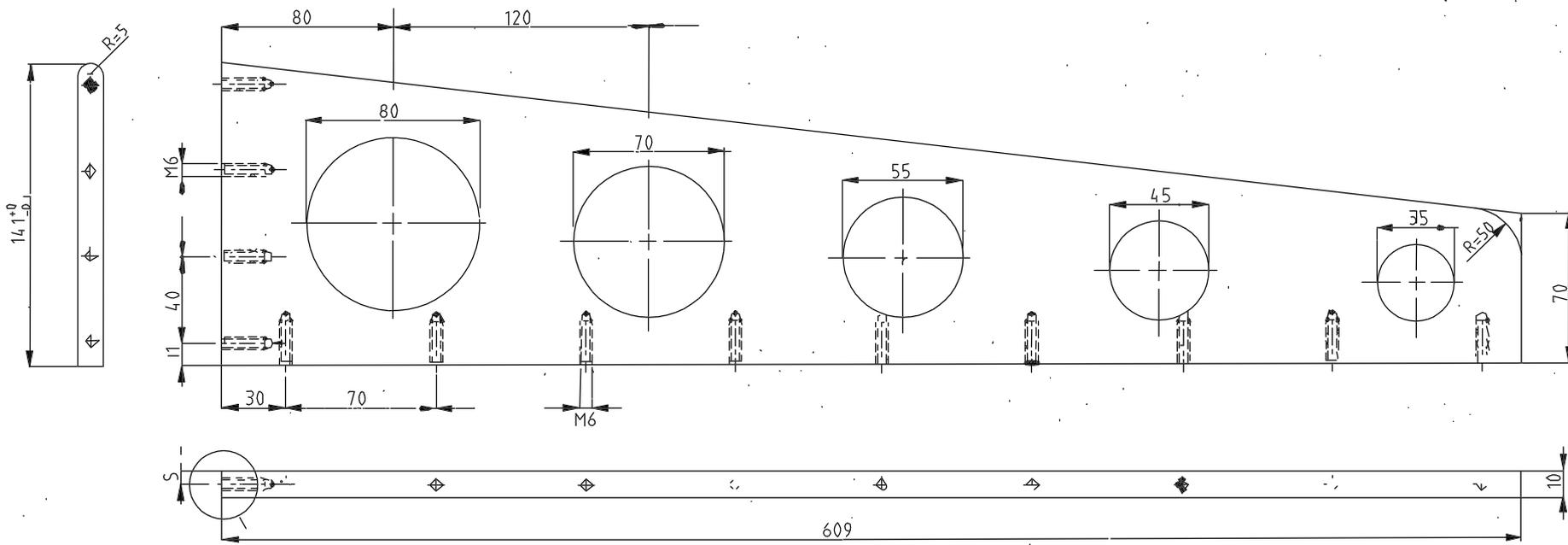
Section A-A



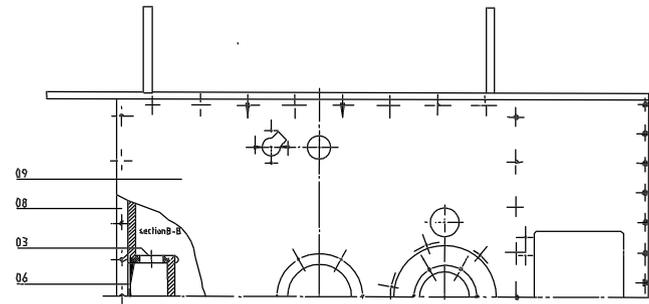
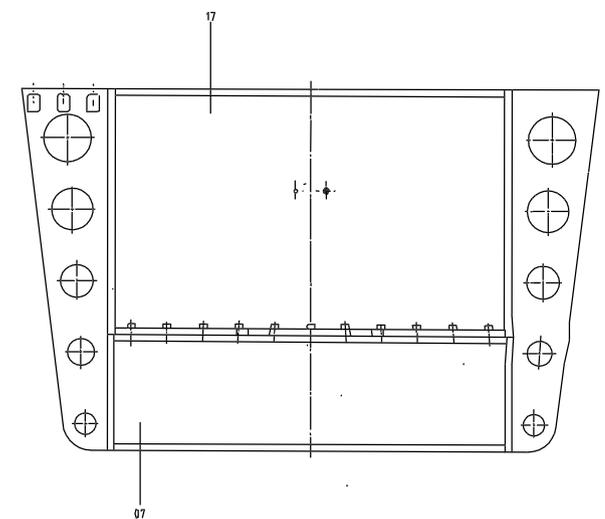
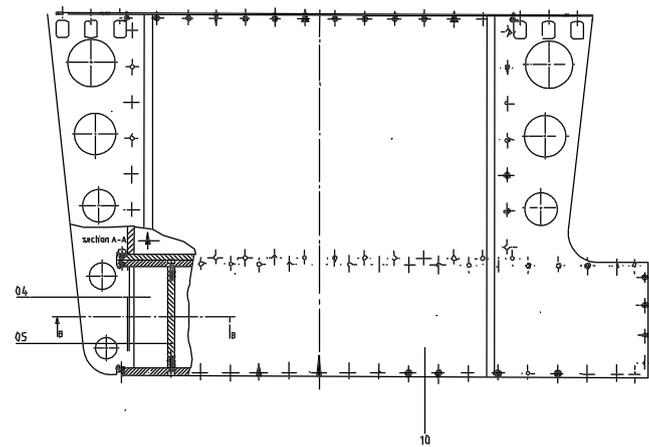
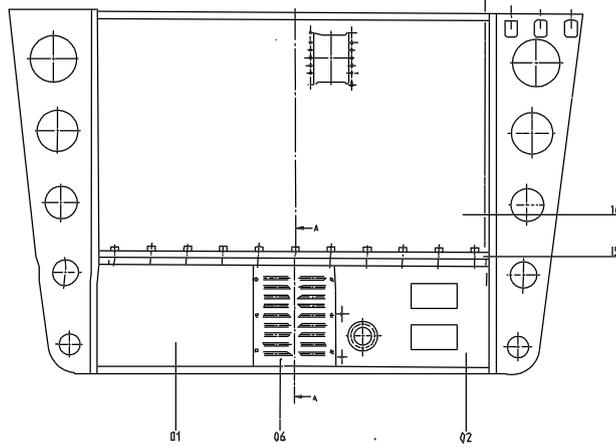
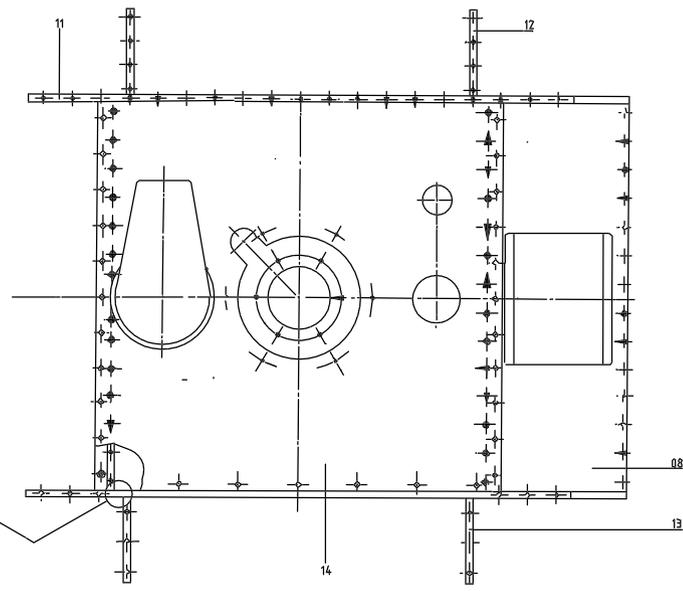
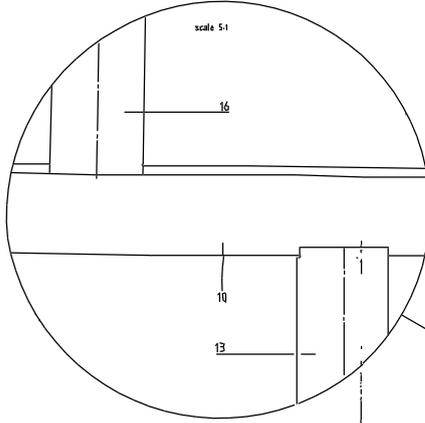
not to scale

+ Fixing holes determine on assembly

01		1	Sealing	alumin.	850x169x15	black.
part no.	quant.	description		material	dimensions	finish
						remarks
tolerances		projection		naming		
26 = ±2	26.0 = ±0.2	26.00 = ±0.02		Sealing Etalon box		
26 = ±1	26.0 = ±0.1	26.00 = ±0.01				
26 = ±0.5	26.0 = ±0.05	26.00 = ±0.005				
	26 + 0.1 = 26 + 0.1					
remarks		going with project		drawing no.		
* Fit to the Etalon box		Taurus II		E 030	A2	
		scale	drawn	date	address	
		not to scale	A de Jong	29-1-07	Mensingheweg 20 6301 CA Roosendaal The Netherlands tel. no.: 05908 - 1 00 01 telex no.: 50787 KSW RD NL	
KAPTEYN STERRENWACHT WERKGROEP						



part no.	12	quant.	2	description	Rib	material	509x14x10	finish													
remarks	<p>tolerances</p> <table border="0"> <tr> <td>25 = ± 2</td> <td>25.0 = ± 0,2</td> <td>25.00 = ± 0,02</td> </tr> <tr> <td>25 = ± 1</td> <td>25.0 = ± 0,1</td> <td>25.00 = ± 0,01</td> </tr> <tr> <td>25 = ± 0,5</td> <td>25.0 = ± 0,05</td> <td>25.00 = ± 0,005</td> </tr> <tr> <td></td> <td>25 + 0,1 = 25 - 0</td> <td></td> </tr> </table> <p>projection</p> <p>remarks</p> <p>going with project</p> <p><i>Taurus</i></p> <p>scale</p> <p>1:2</p> <p>drawn</p> <p>A de Jong</p> <p>date</p> <p>31-7-'85</p> <p>naming</p> <p><i>Fixed Rib</i></p> <p>drawing no.</p> <p>E 007</p> <p>address</p> <p>Mensingheweg 20 9301 KA Roden The Netherlands tel. no.: 05908 - 1 96 31 telax no.: 53767 KSW RD NL</p>									25 = ± 2	25.0 = ± 0,2	25.00 = ± 0,02	25 = ± 1	25.0 = ± 0,1	25.00 = ± 0,01	25 = ± 0,5	25.0 = ± 0,05	25.00 = ± 0,005		25 + 0,1 = 25 - 0	
25 = ± 2	25.0 = ± 0,2	25.00 = ± 0,02																			
25 = ± 1	25.0 = ± 0,1	25.00 = ± 0,01																			
25 = ± 0,5	25.0 = ± 0,05	25.00 = ± 0,005																			
	25 + 0,1 = 25 - 0																				



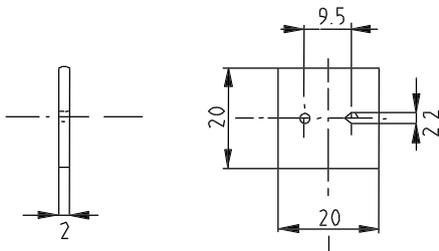
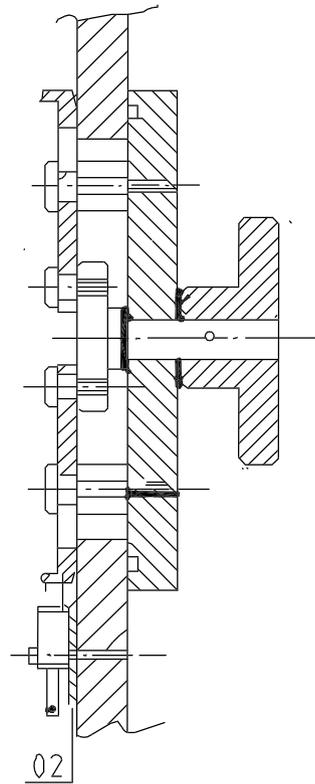
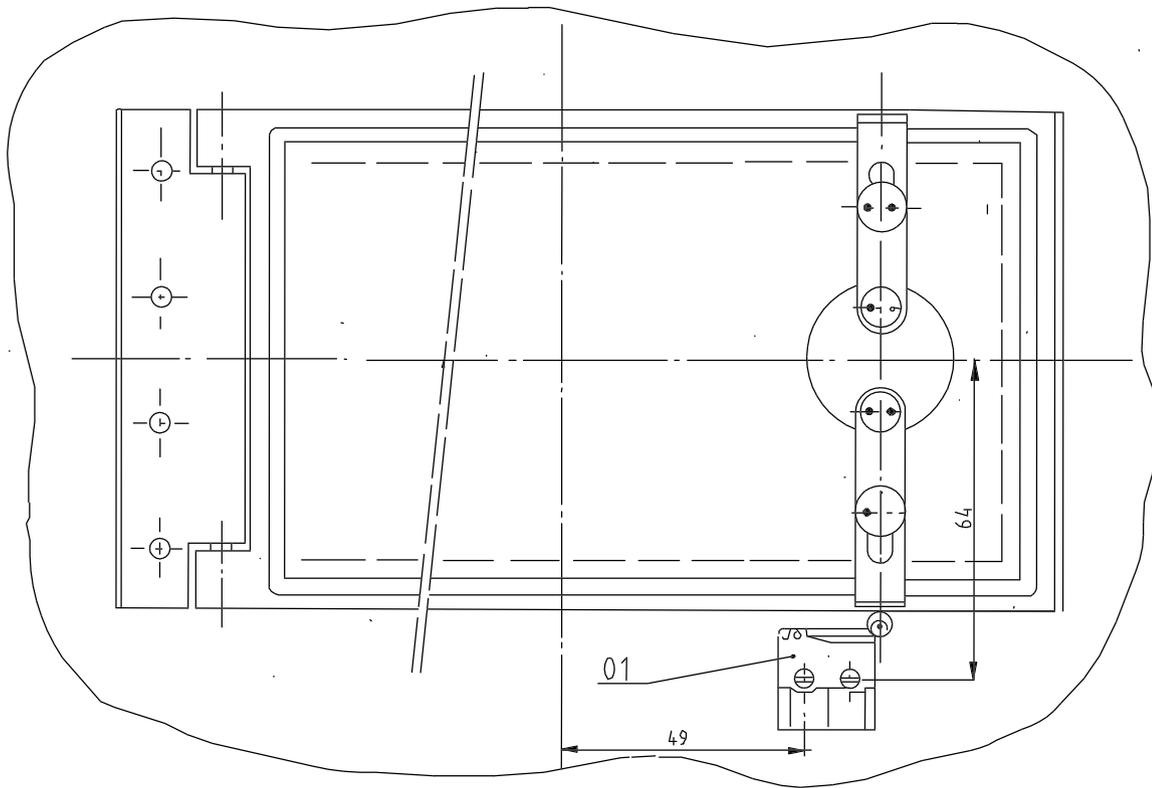
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16	1	side plate	171x40x10	682437210
15	1	under side plate	171x40x10	682437210
14	1	top side plate	171x40x10	682437210
13	2	transverse rib	600x15x10	682437210
12	2	transverse rib	600x15x10	682437210
11	1	structural plate	171x40x10	682437210
10	1	structural plate	171x40x10	682437210
09	1	under side plate	171x40x10	682437210
08	1	top side plate	171x40x10	682437210
07	1	side plate	171x40x10	682437210
16	1	ventilation plate	600x15x10	682437210
05	1	plate	171x40x10	682437210
04	1	plate	171x40x10	682437210
03	1	plate	171x40x10	682437210
02	1	side plate	171x40x10	682437210
01	1	side plate	171x40x10	682437210

ASSEMBLY COLL. v. TOOL BOX
ETALO + BOX

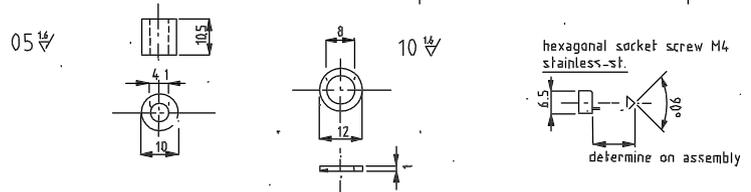
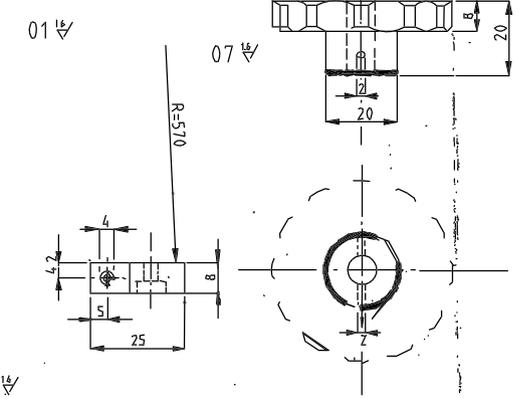
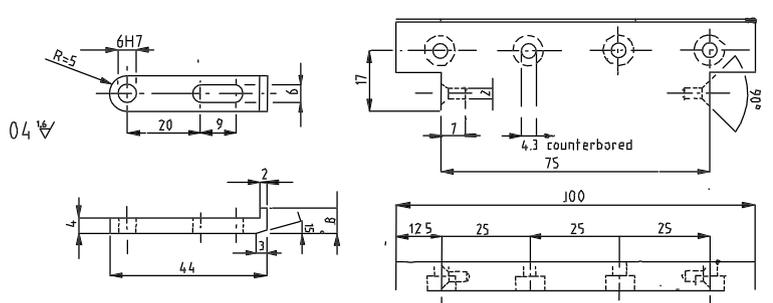
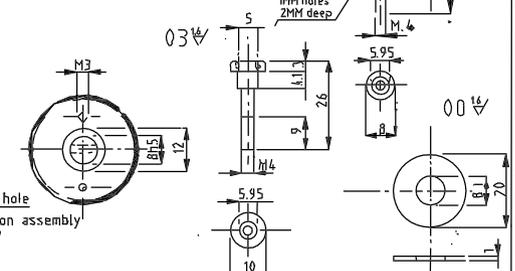
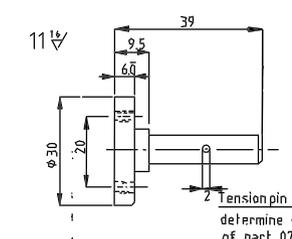
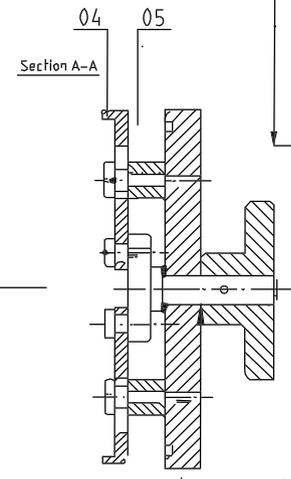
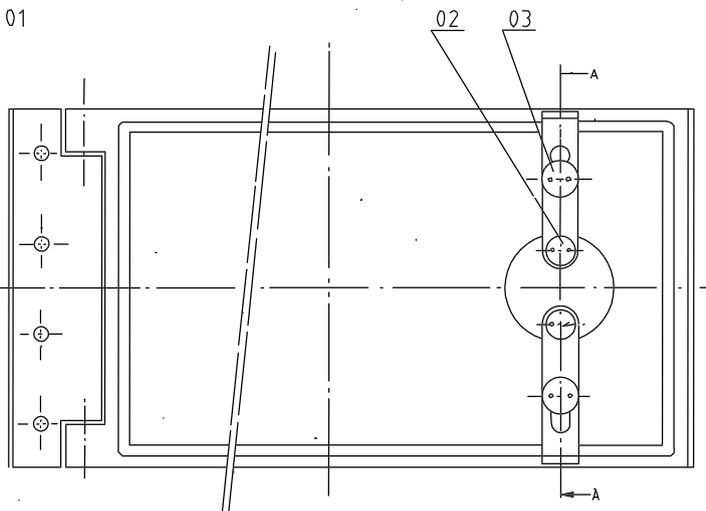
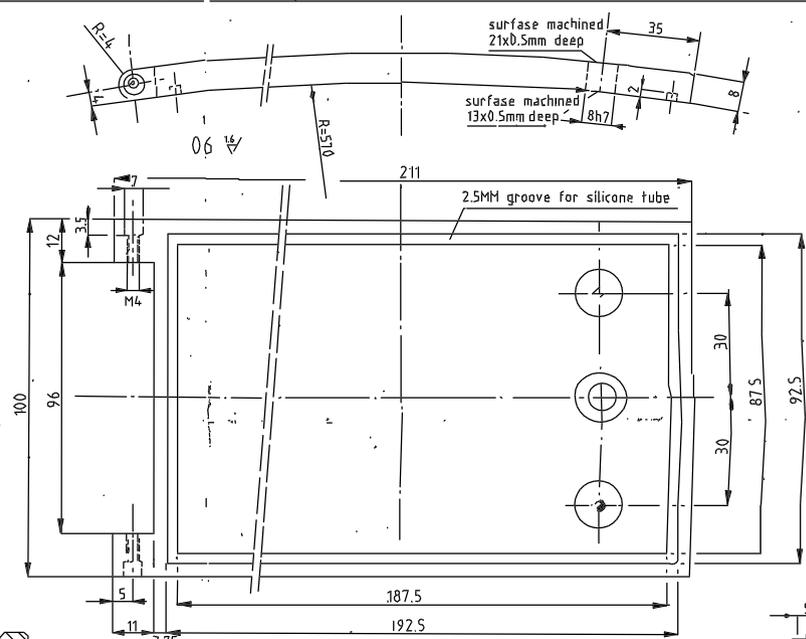
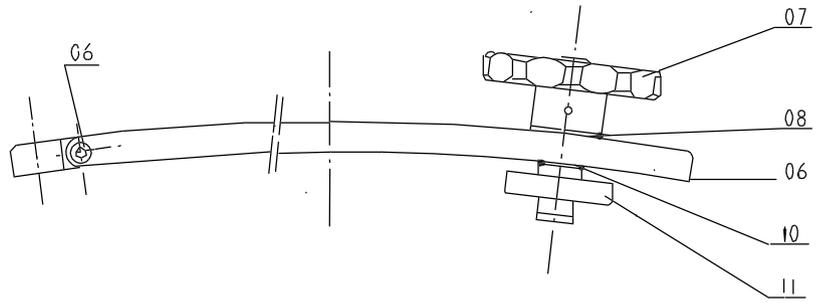
VALUIS X E 905 5 Ao

13 9-7'85

KAPTEYN STERRENWACHT WERKSGROEP



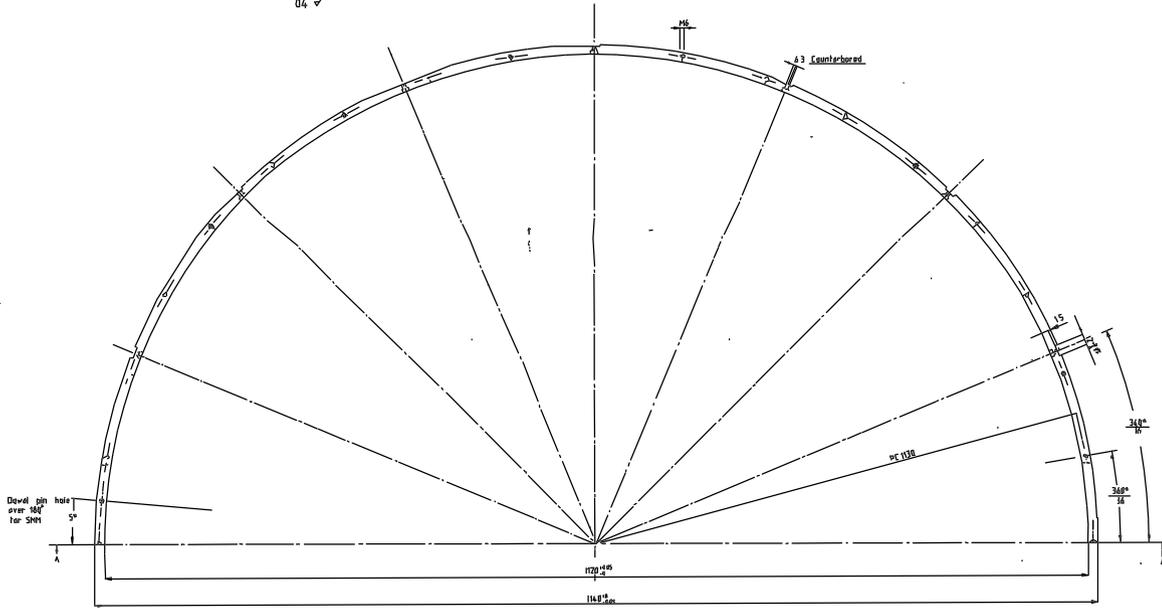
02	2	Spacer strip	Delrin	20x20x2			
01	2	Marquardt microswitch	no.1052 7701				
part no.	quant.	description	material	dimensions	finish		
					remarks		
tolerances 25 ± 2 25 ± 1 $25 \pm 0,5$		tolerances $25,00 \pm 0,2$ $25,00 \pm 0,1$ $25,00 \pm 0,05$ $25,00 \pm 0,005$ $+0,1$ $25 + 0,1 = 25 - 0$		projection 		naming <i>Mounting microswitch FPFV and FPAV Interlockdoor</i>	
remarks KAPTEYN STERRENWACHT		going with project <i>Taurus II</i>			drawing no. E001 ^a		A3
		scale 1:1	drawn A de Jong	date 29-1-86	address Mensingeweg 20 8301 KA Roden The Netherlands tel. no.: 06908-19831 telex no.: 53787 KSW RO NL		
KAPTEYN STERRENWACHT WERKGROEP							



part no.	quant.	description	material	dimension	remark
11	1	Shaft	Stainless st	∅30x39	
10	1	Spacing ring	Brass	∅12x1	
09	1	Hinge screw	Stainless st	M4	
08	1	Spacing ring	Brass	∅12x1	
07	1	Knob	Duralumin	∅50x20	BLK. anodize
06	2	Interlock door	Duralumin	211x100x8	Blk. anodize
05	2	Spacing spacer	brass	10.5x10	
04	2	Latch	Stainless st	4.1x10x8	
03	2	Screw	Stainless st	∅10x26	
02	2	Lock screw	Stainless st	∅8x13	
01	1	Hinge	Duralumin	100x25x8	BLK. anodize

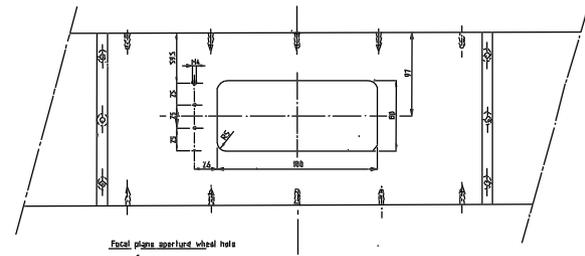
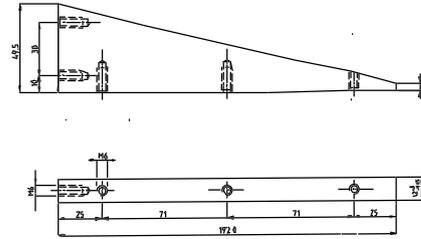
tolerances 25 ± 0.2 25.0 ± 0.02 25.00 ± 0.02 26 ± 0.1 26.0 ± 0.1 26.00 ± 0.01 28 ± 0.05 28.0 ± 0.05 28.00 ± 0.005 28 ± 0.1 28 ± 0.1		projection 	naming FPFV and FPAV interlock - door
remark going to assembly	scale 1:1	drawn A. de Jong	date 30 1 85
drawing no. E 001		drawing Az	Men. inghe op 20 9301 KA Roden The Netherlands TEL no.: 05308 - 1 8891 telex no.: 53787 KSP / RO NL
KAPTEYN STERRENWACHT WERKGROEP			

04

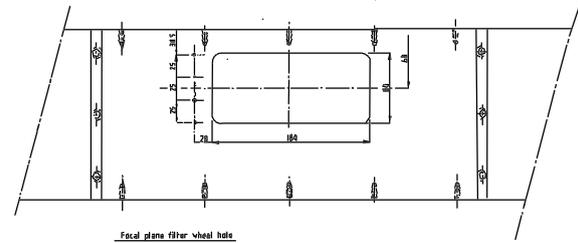
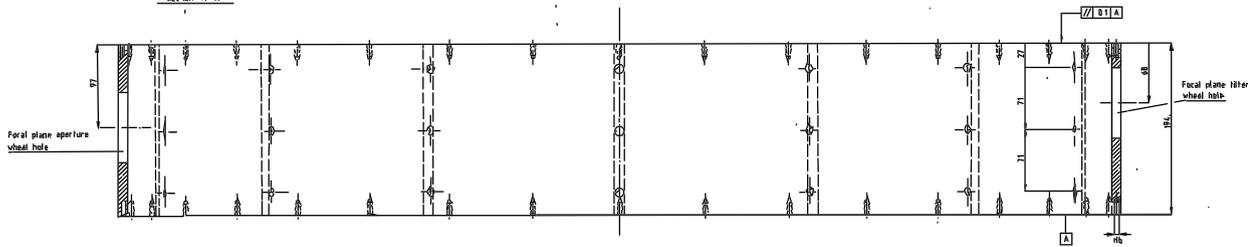


08

scale 1:1



Section A-A



10	16	RB	192x49.5x16	BLK. aperture										
06	1	R100	30x110x50	BLK. aperture										
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1	1000000	1000000	1000000	1000000										
1000000	1000000	1000000	1000000	1000000										
Focal Plane Box														
Taurus II														
A der Jgung 22-90-41														
KAPTEYN STERRENWACHT WERKROEP														

