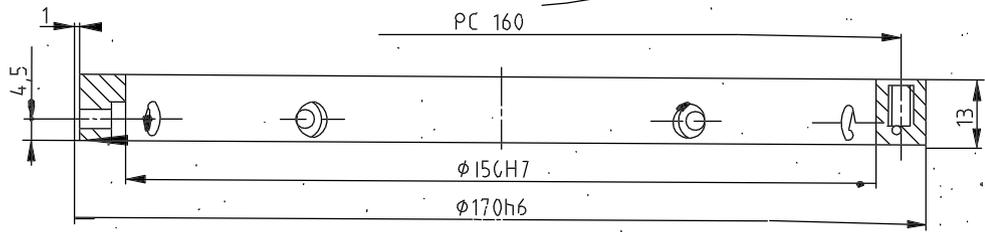


see assembly drawing C 000

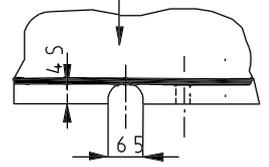
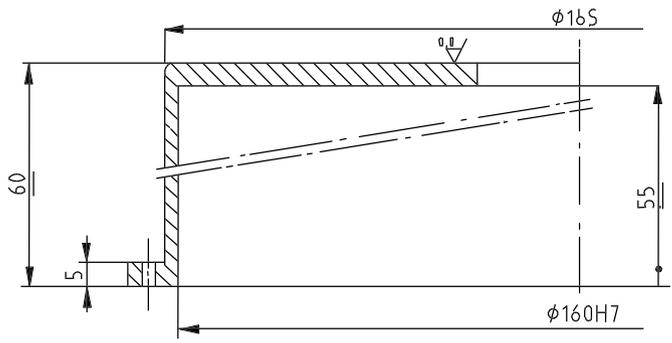
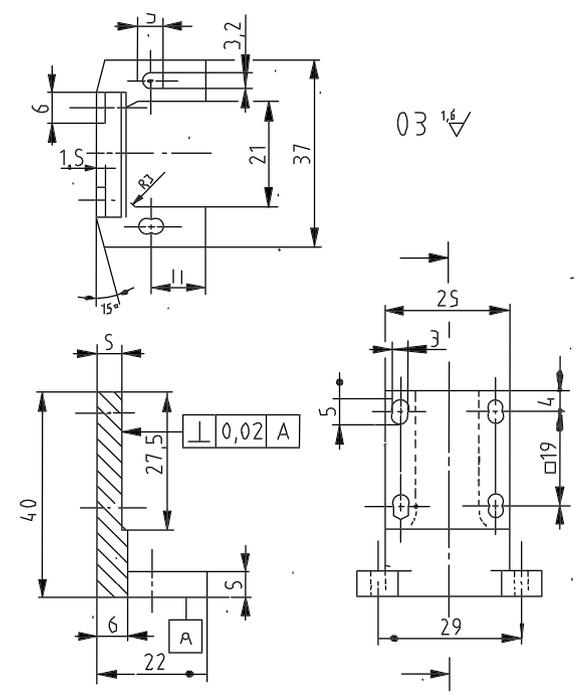
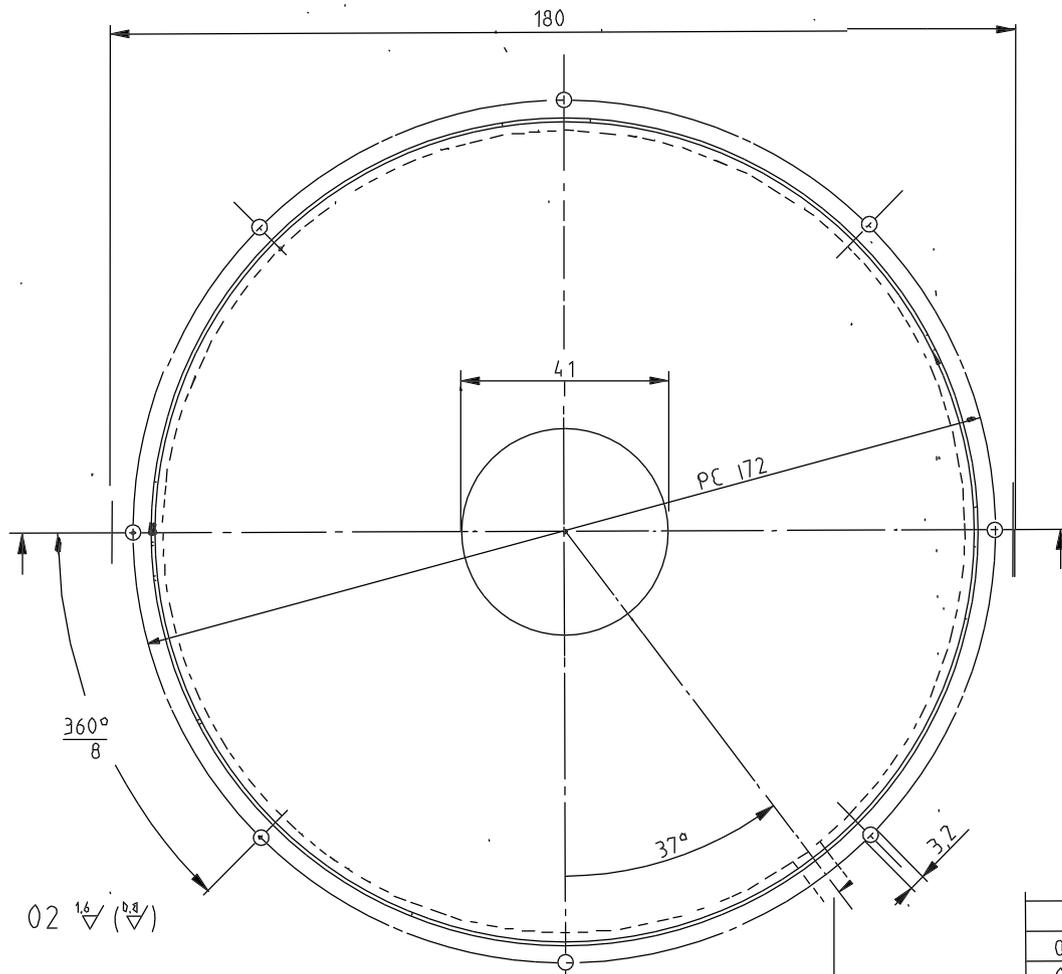


part no.	quant.	description	material	dimensions	finish	remarks
02 <sup>b</sup>	2	rib	duralumin	120x12x8	anodize	
02 <sup>a</sup>	6	rib	duralumin	200x12x8	anodize	
03	1	ring	duralumin	∅170x13	anodize	

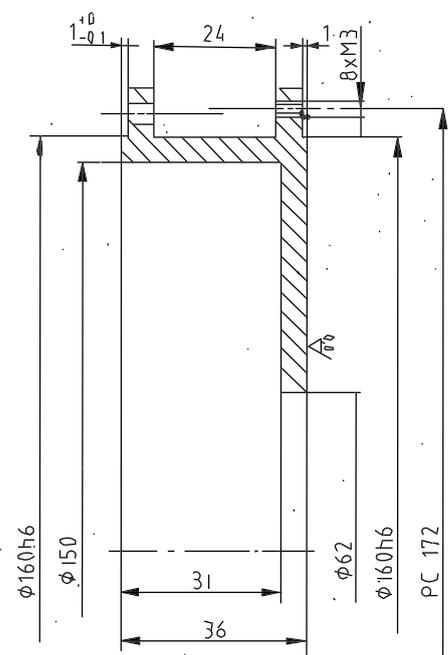
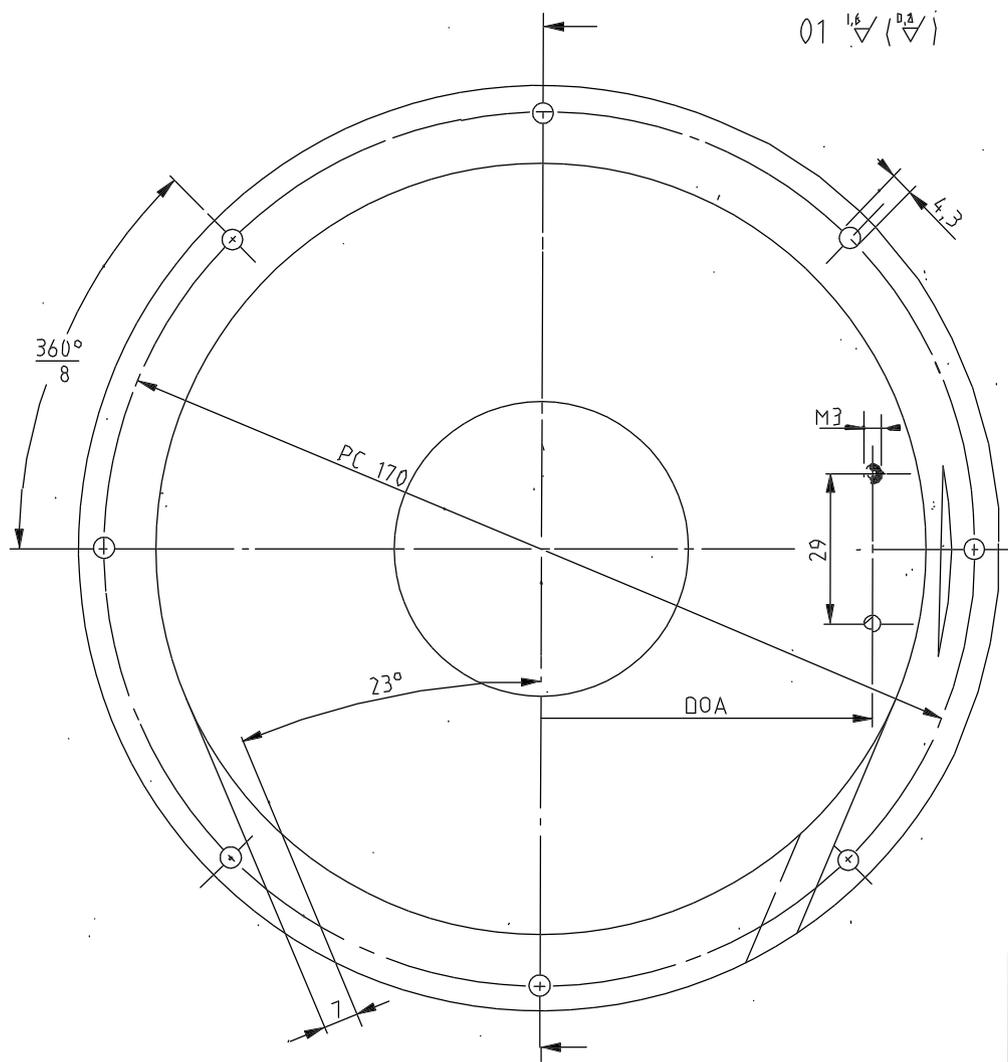
  

tolerances		projection	naming	
25 ± 2	25,0 ± 0,2		PUPIL FILTER WHEEL	
25 ± 1	25,0 ± 0,1			
25 ± 0,5	25,0 ± 0,05			
	25 + 0,1 - 25 - 0			
remarks		going with project	drawing no.	A3
		TAURUS II	C 004	
		scale	drawn	date
		1:1		22-11-81
		address		
		Mensinghe-veg 20 9301 KA Roden The Netherlands tel. no.: 05908-19631 telex no.: 53767 KSW RO NL		

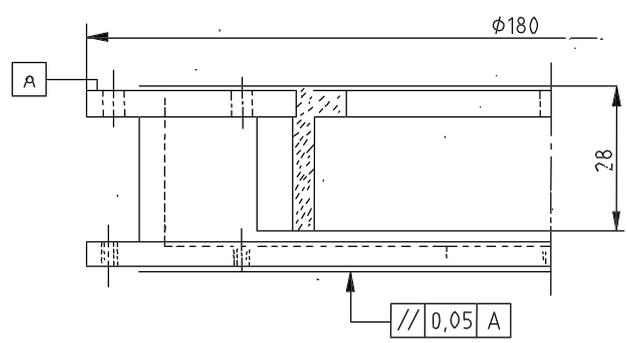
KAPTEYN STERRENWACHT WERKROEP



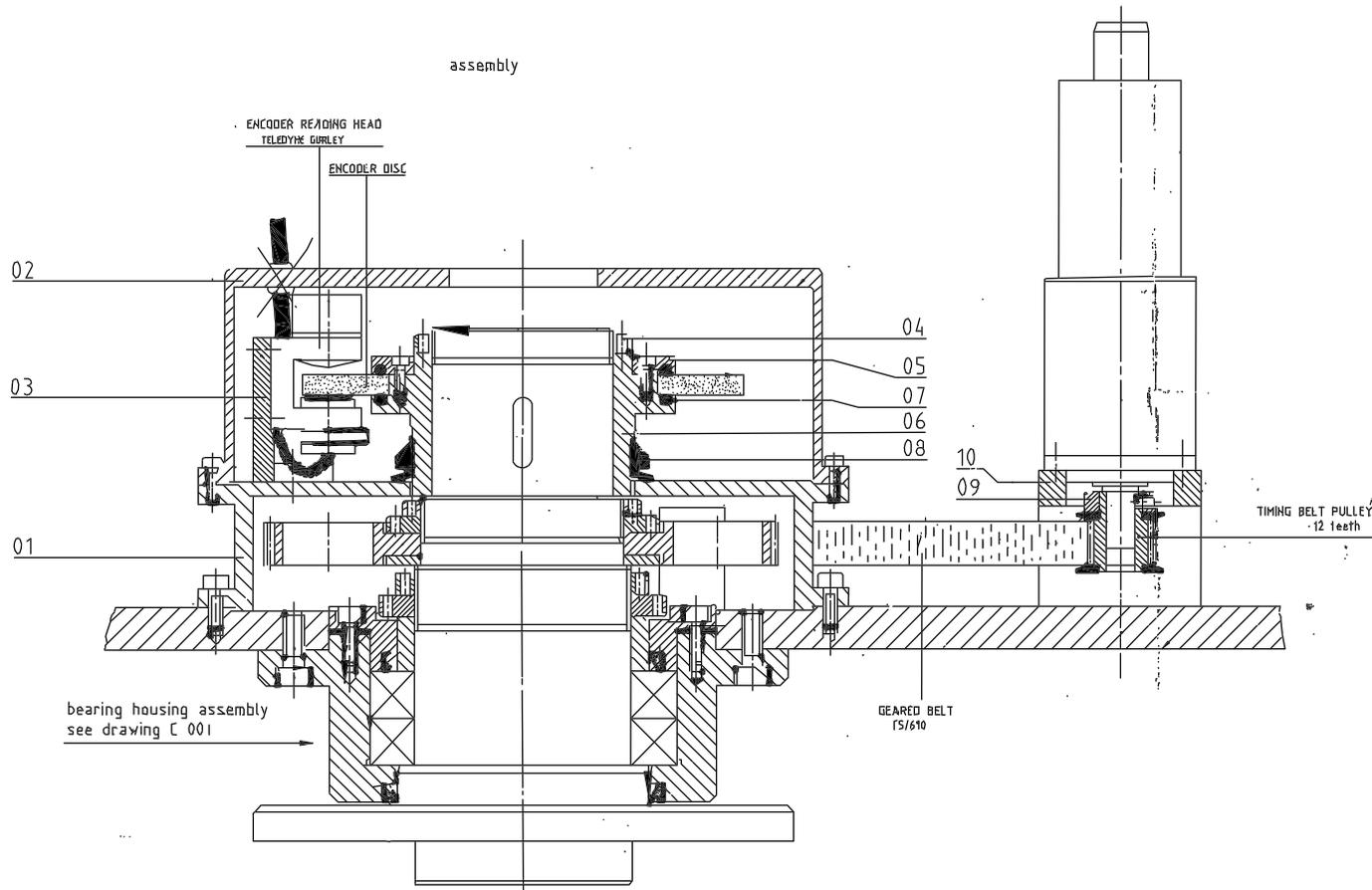
03	1	reading head support	duralumin	L1xJ7x22	anodize
02	1	cover	duralumin	φ180x60	anodize
part no.	quant.	description	material	dimensions	finish
					remarks
<b>tolerances</b> 25 = ± 2    25.7 = ± 0.2    25.00 = ± 0.02 26 = ± 1    25.0 = ± 0.1    25.00 = ± 0.01 26 = ± 0.5    25.0 = ± 0.05    25.00 = ± 0.005 25 + 0.1 = 25 - 0		<b>projection</b> 	<b>naming</b> ENCODER HOUSING PUPIL FILTER WHEEL		
<b>remarks</b> going with project TAURUS II		<b>drawing no.</b> C 009		A3	
<b>scale</b> 1:1		<b>drawn</b> 	<b>date</b> 7-2-85	<b>address</b> Mensinghe-erj 20 8001 Kx Roden The Netherlands tel. no.: 05908-18631 telex no.: 53787 KSW RO NL	
KAPTEYN STERRENWACHT WERK GROEP					



see assembly drawing C 007

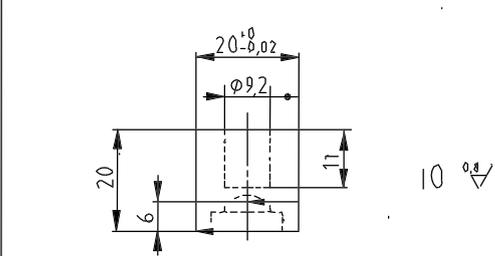


01	1	intermediate piece	duralumin	$\phi 180 \times 36$	anodize
part no.	quant.	description	material	dimensions	finish remarks
tolerances $25 \pm 2$ $25.0 \pm 0.2$ $25.00 \pm 0.02$ $25 \pm 1$ $25.0 \pm 0.1$ $25.00 \pm 0.01$ $25 \pm 0.6$ $25.0 \pm 0.05$ $25.00 \pm 0.005$ $25 + 0.1 = 25 - 0$		projection 	naming <b>ENCODER HOUSING</b> <b>PUPIL FILTER WHEEL</b>		
remarks going with project <b>TAURUS II</b>		drawing no. <b>C 008</b>		address A3	
scale 1:1		drawn 	date <b>7-2'85</b>		
KAPTEYN STERRENWACHT WERKGRUOP Mensingheweg 20 8001 K. Roden The Netherlands tel. no.: 06908 - 19631 telex no.: 63767 KSW RO NL					

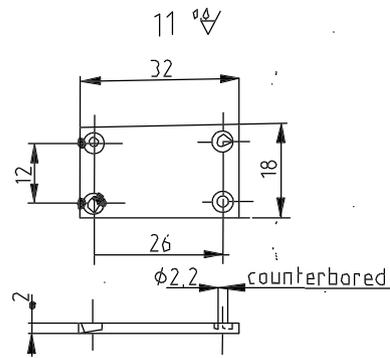


part no.	quant.	description	material	dimensions	finish
10	1	motor support	duralumin	82x45x37	anodize
09	1	ring	duralumin	∅20x6	anodize
08	1	V-ring	nitrilerubber	V-60	ERIKS N.V.
07	2	O-ring	neoprene	No.151	ERIKS N.V.
06	1	encoder holder	duralumin	∅84x40	anodize
05	1	pressure ring	duralumin	∅84x5	anodize
04	1	nut	free cutting steel	∅60x5	
03	1	reading head support	duralumin	41x37x22	anodize
02	1	cover	duralumin	∅180x60	anodize
01	1	intermediate piece	duralumin	∅180x36	anodize

tolerances		projection	drawing no.	
25 ± 0.2	25.0 ± 0.02		<b>ENCODER HOUSING</b> <b>PUPIL FILTER WHEEL</b>	
25 ± 0.1	25.0 ± 0.01			
25 ± 0.05	25.0 ± 0.005			
25 ± 0.1 ± 0.05	25.0 ± 0.005			
rem/qs	point with projec.	drawing no.		
	TAURUS II	C 007		A2
scale	drawn	date	address	
1:1		30-1'85	Herenghe 20 8301 K. Poperinghe The Netherlands tel. no.: 05908-18831 telefax no.: 53787 KSWRO NL	
KAPTEYN STERRENWACHT WERK GROEP				

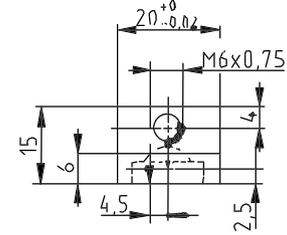


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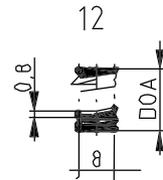
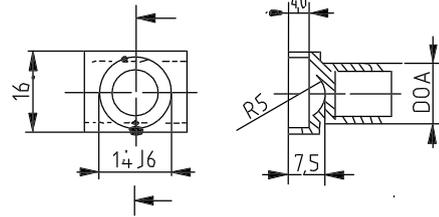


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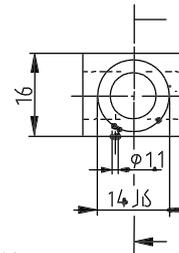
counterbored



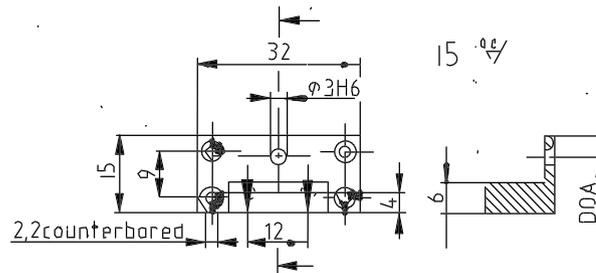
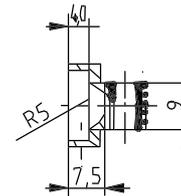
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12

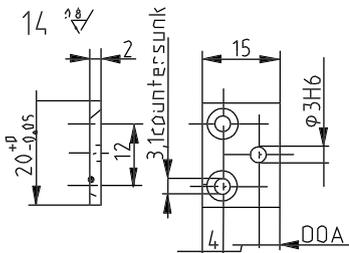


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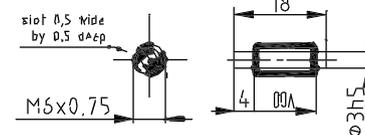


15

2,2 counterbored

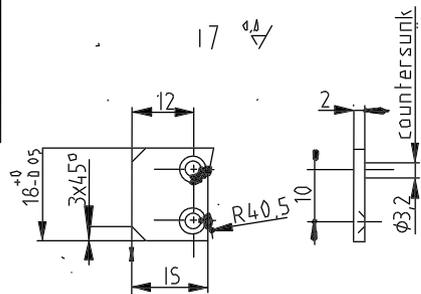


14

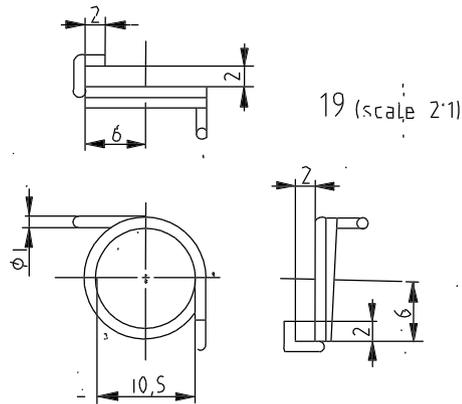


16

see assembly drawing C 000



17

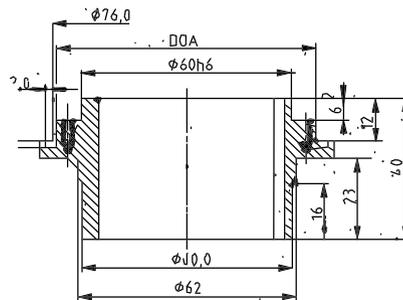
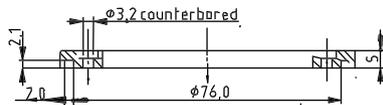
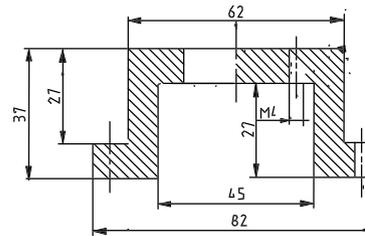
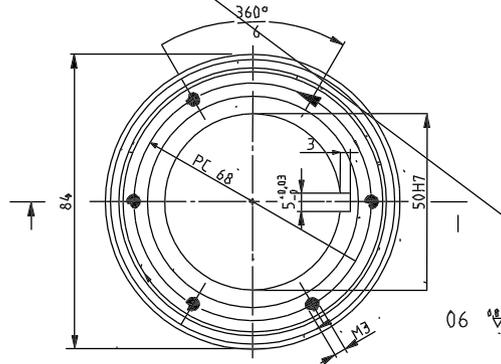
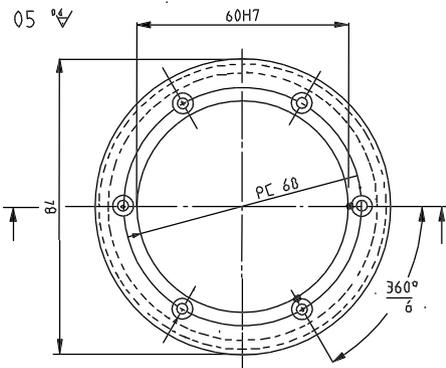
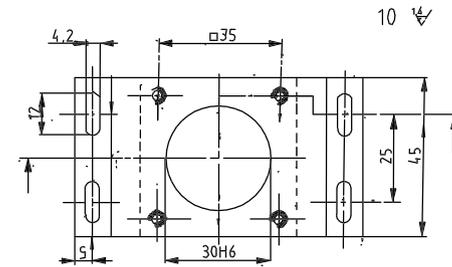
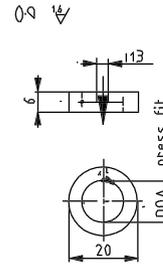
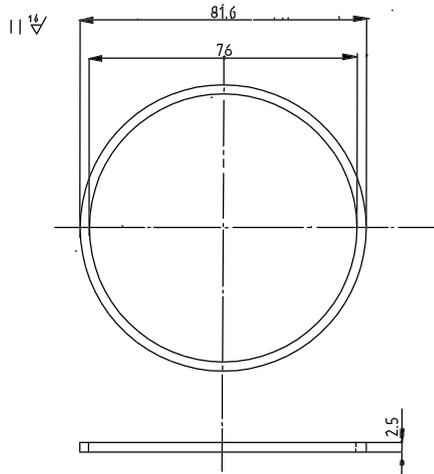
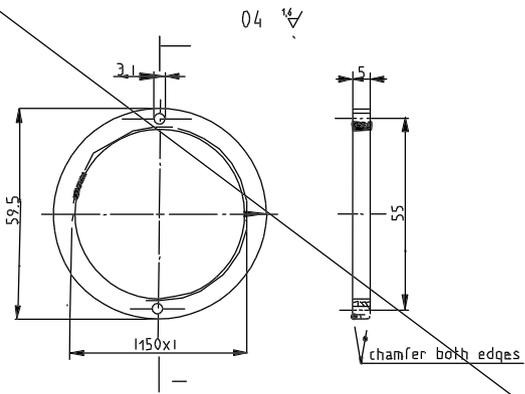


19 (scale 2:1)

part no.	quant.	description	material	dimensions	finish	remarks
19	7	spring	spring wire	Ø 1 mm		
17	7	plate	duralumin	10x15x2	anodize	
16	7	adjusting screw	stainless st	M6x18		
15	7	block	duralumin	32x15x15	anodize	
14	7	plate	duralumin	20x15x2	anodize	
13	7	adjusting block	duralumin	20x16x15	anodize	
12	7	pressure spring	spring wire	Ø8x0,8	KSV store	
11	14	plate	duralumin	32x18x2	anodize	
10	7	pressure block	duralumin	20x20x16	anodize	

tolerances		projection	naming		
25 ± 0,2	25,0 ± 0,2		<p>PUPIL FILTER WHEEL</p>		
25 ± 0,1	25,0 ± 0,1				
25 ± 0,5	25,0 ± 0,5				
25 ± 0,1	25,0 ± 0,1				
25 ± 0,1	25,0 ± 0,1				
remark		going with project		drawing no.	
		TAURUS II		C 006	A3
		scale	date	address	
		1:1	29-11-94	Meninghagen 20 9301 KA Roden The Netherlands tel. no.: 03020-10631 telefax: 030767 KSW RO NL	
KAPTEYN STERRENWACHT WERKGROEP					



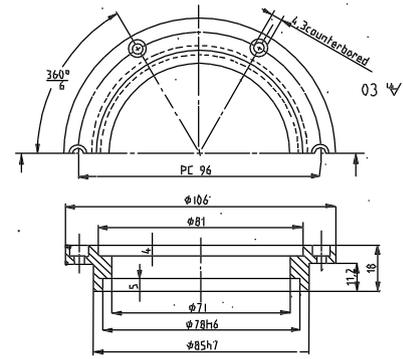
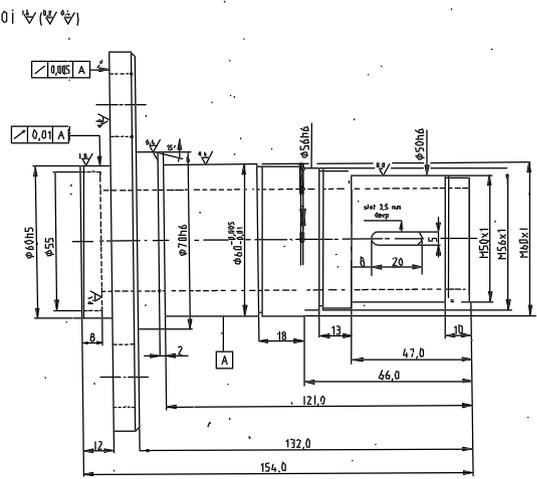
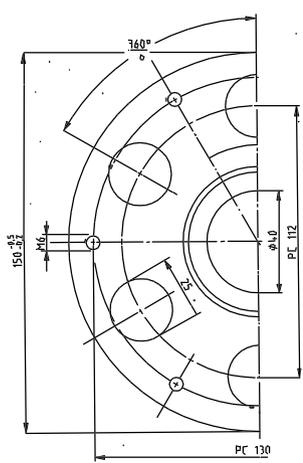
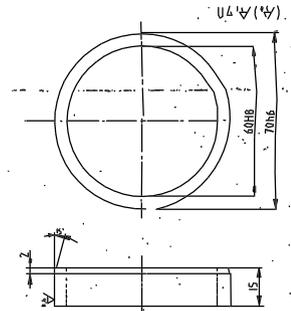
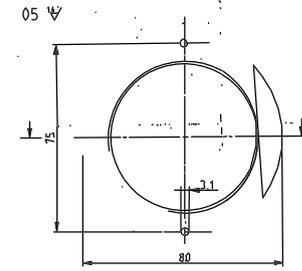
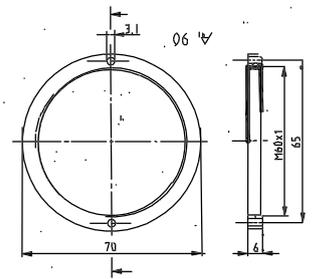
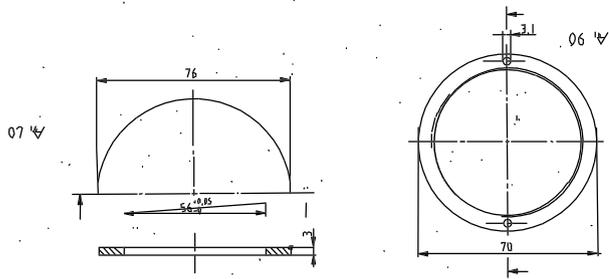
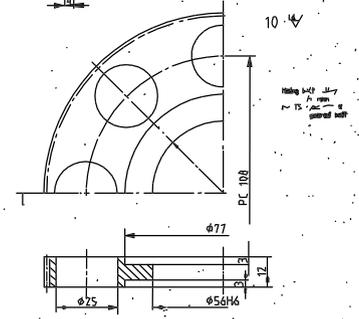
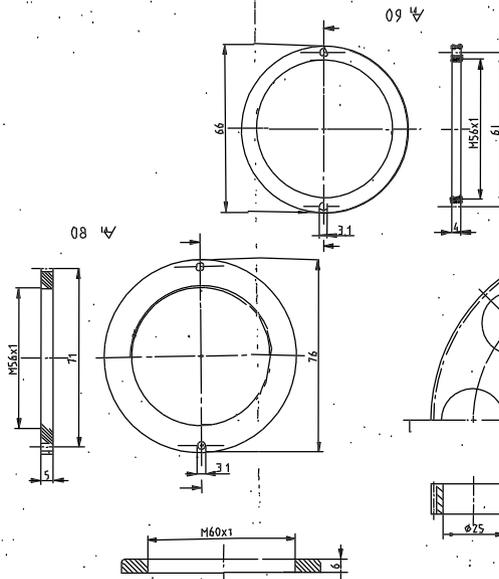
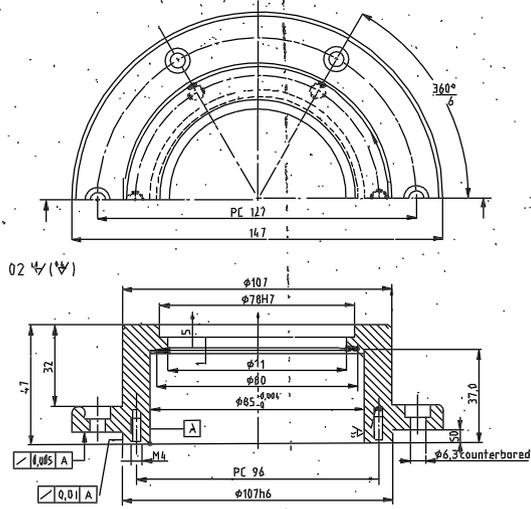
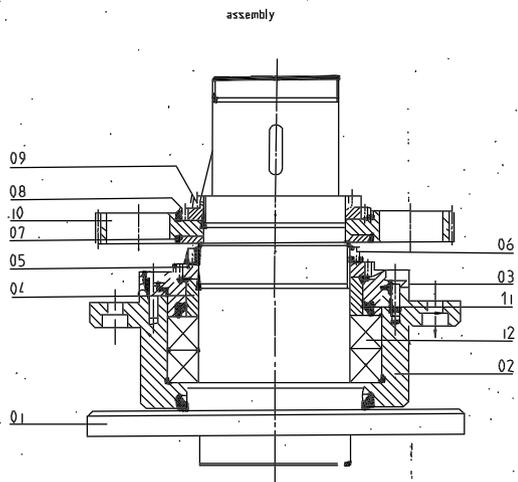


part no.	quantity	description	material	dimensions	finish
11	1	deirin ring	delciu	81.6x2.5	
10	1	motor support	duralumin	82x45x17	zandz
09	1	ring	duralumin	ø20x6	zandz
06	1	pressure holder	duralumin	ø60x10	zandz
05	1	pressure ring	duralumin	ø60x5	zandz
04	1	nut	free cutting steel	ø6x5	

tolerance: 25 ± 0.1    25.5 ± 0.05    26.00 ± 0.02 26 ± 0.1    26.5 ± 0.05    26.00 ± 0.01 26 ± 0.05    26.0 ± 0.04    26.00 ± 0.005 26 ± 0.1 ± 0.1 26 ± 0.1 ± 0.1		projection: 	<b>ENCODER HOUSING</b> PUP. FILIEP. WZEL.	
drawing: 		go'ing with prof. of: <b>TAURUS</b>	date: 17-7-85	sheet: A2
<b>KAPTEYN STERRENWACHT WERK GROEP</b>			The Mother Job tel. 020-685-1888 ad. v. 1971/1985/86	





part no.	quant.	description	material	part no.	description
12	2	check nut	free cutting steel	72H9312 XI	Fafnir Tuftron Ltd
11	2	sealing ring	synthetic rubber	G70x78x5	INA
10	1	timing belt pulley	duralumin	Thickness 18	Bergmann
19	1	check nut	free cutting steel	<math>\phi 66 \times 4</math>	
08	1	nut	free cutting steel	<math>\phi 76 \times 5</math>	
07	1	ring	free cutting steel	<math>\phi 76 \times 3</math>	
06	1	check nut	free cutting steel	<math>\phi 70 \times 6</math>	
05	1	nut	free cutting steel	<math>\phi 80 \times 6</math>	
04	1	bush	free cutting steel	<math>\phi 70 \times 15</math>	
03	1	press on ring	free cutting steel	<math>\phi 109 \times 18</math>	
02	1	bearing house	free cutting steel	<math>\phi 147 \times 47</math>	
D1	1	shaft	free cutting steel	<math>\phi 150 \times 154</math>	

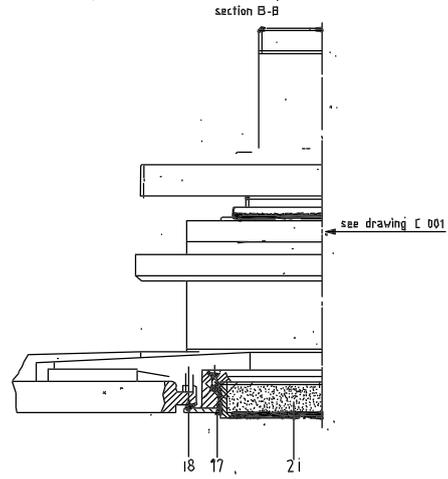
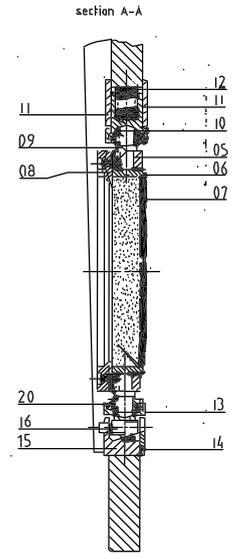
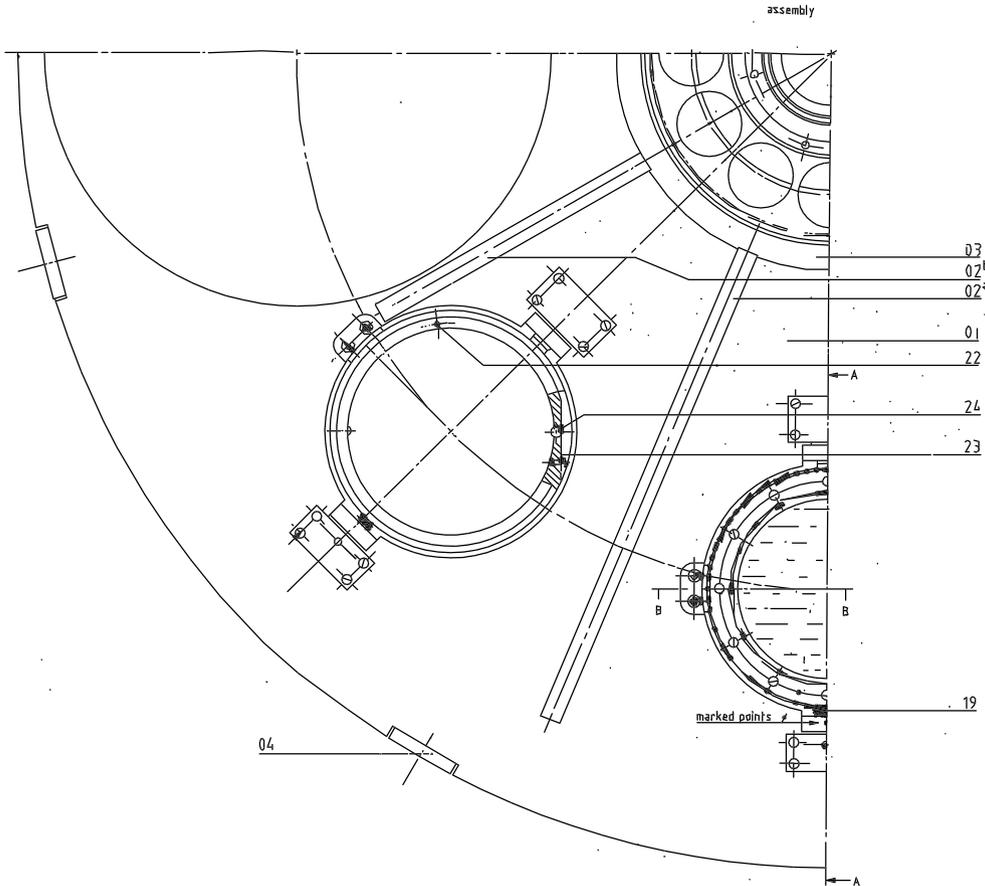
TOLERANCES:  $\pm 0.05$  mm,  $\pm 0.02$  mm,  $\pm 0.01$  mm,  $\pm 0.005$  mm  
 SURFACES: Ra 3.2, Ra 1.6, Ra 0.8, Ra 0.4  
 DIMENSIONS: IN MILLIMETERS  
 UNITS: mm, cm, m

**BEARING HOUSING**  
**PUPIL FILTER WHEEL**

TAURUS II  
 1:1  
 21-12-84

C 001  
 Ai

KAPTEYN STERRENWACHT WERKGROEP



24	14	ball	stainless st	ø4	
23	14	leaf spring	phosphor br	18x4x0.3	
22	7	pin	stainless st	ø1.5x10	
21	7	filter		ø75x11	
20	14	ball joint bearing		GE 6 C	SKF
19	7	spring	spring wire	ø1	
18	14	adjusting screw	stainless st	M3x14	
17	7	plate	duralumin	18x15x2	anodize
16	7	adjusting screw	stainless st	M4x18	
15	7	block	duralumin	32x14x15	anodize
14	7	plate	duralumin	32x15x2	anodize
13	7	adjusting block	duralumin	20x16x15	anodize
12	7	pressure spring	spring wire	ø8x0.8	KSW store
11	14	plate	duralumin	32x18x2	anodize
10	7	pressure block	duralumin	20x20x16	anodize
09	14	shaft	stainless st	ø8x14.9	
08	7	ring	delrin	ø95x6	
07	7	ring	delrin	ø75x0.6	
06	7	ring	duralumin	ø90x13	anodize
05	7	ring	duralumin	ø95.35x11	anodize
04	8	stop catch	stainless st	28x18x5	
03	1	ring	duralumin	ø170x13	anodize
02 <sup>a</sup>	2	rib	duralumin	120x12x8	anodize
02 <sup>b</sup>	6	rib	duralumin	200x12x8	anodize
01	1	wheel	duralumin	ø64x12	anodize

PUPIL FILTER 'HEEL  
 TAURUS II  
 1:1  
 15-11'04  
 KAOTEYN STERRENWACHT WERKGROEP