
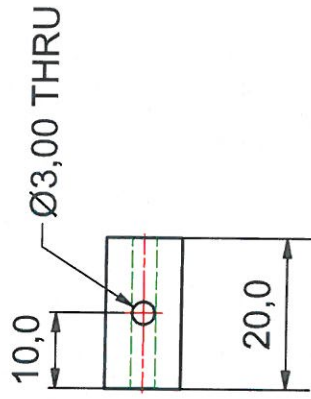
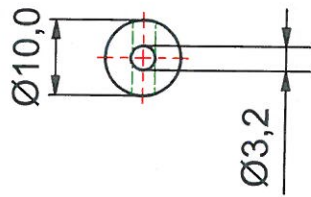


A-A (1:1)




1 stk.

Department of Physics and Astronomy University of Aarhus		 IFA		Mtr Stainless Steel
				Designer Henrik Juul
		Project		
		Creation date: 08-03-2017		Rev no.
		Last saved: 28 jan. 2014, 11:54		
		Created by: jeva		
Rev	Changes	Date	Name	
C:\Working Folder\Designs\Hans Fynbo\Ass Kernereaktionsopstilling 5MeV\018691 - Detector snout M16X1.ipt				A4
			018691 - Detector snout M16X1	



4 stk.



Department of Physics and Astronomy University of Aarhus		IFA	Mtr Aluminium
			Designer Henrik Juul
		Project	
		Creation date: 09-03-2017	Rev no.
		Last saved: 28 jan. 2014, 11:54	
		Created by: Henrik Juul	
Rev	Changes	Date	
C:\Working Folder\Designs\Hans Fynbo\3D Detectorholder\018901 - Spacer.ipt			A4
018901 - Spacer			

Henrik Juul

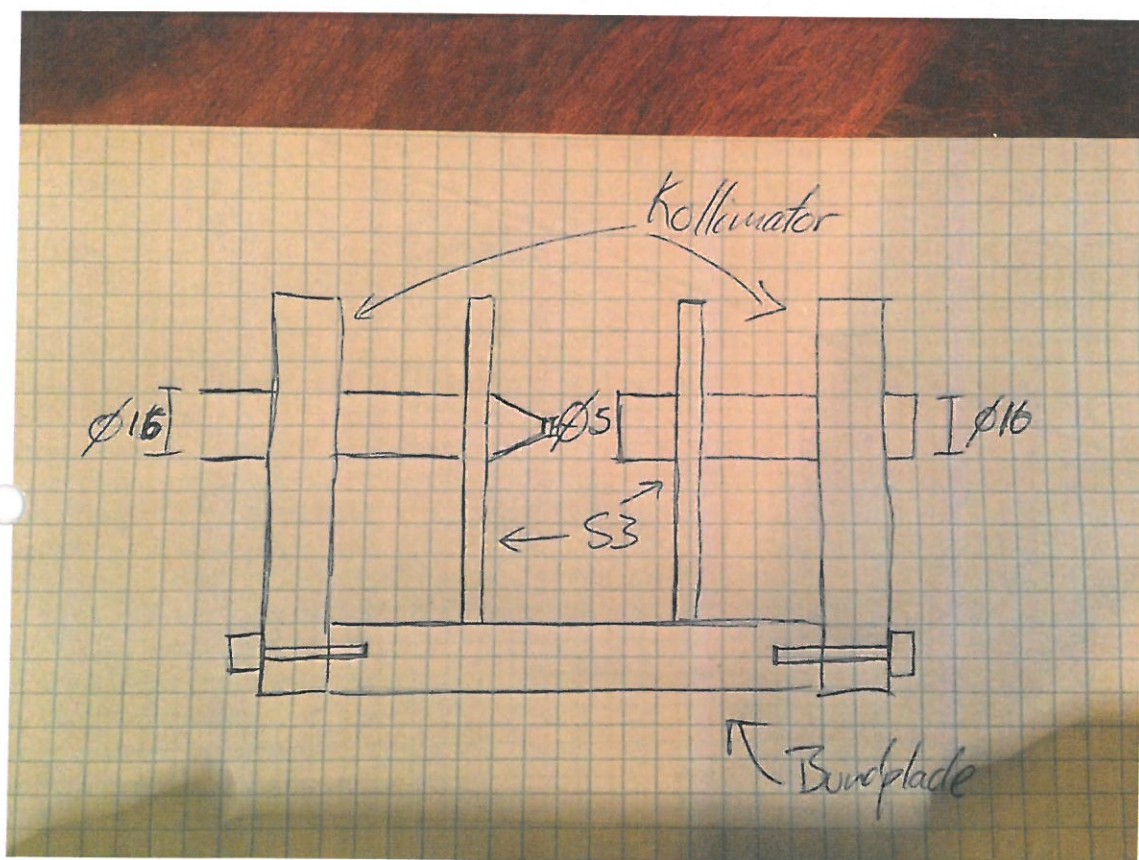
Fra: Michael Munch <mm.munk@gmail.com>
Sendt: 16. februar 2017 22:16
Til: Henrik Juul
Cc: Hans Otto Uldall Fynbo
Emne: Re: besøg fra oven

Hej Henrik

Det ser ganske fornuftigt ud. Kan ikke lige gennemskue, hvad der er ikke er overholdt. Det ser umiddelbart ret fornuftigt ud.

Nomenklaturen er upstream er den S3 der vender mod magneten. Dvs. den retning beamet kommer fra. Det er den hvor der pt. er placeret to plader. Downstream er den modsatte.

Jeg har vedhæftet en skitse af hvordan jeg tænker det kan se ud. Beamet kommer ind fra venstre. Hvis vi skruer kollimatorer på enden så slipper vi for at vippe opstillingen for at montere detektorer. I det nuværende design er der M16 udvendigt gevind. Hvis vi laver det i begge sider så kan vi bytte frit rundt.

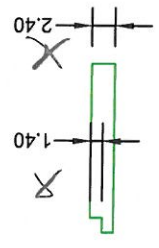
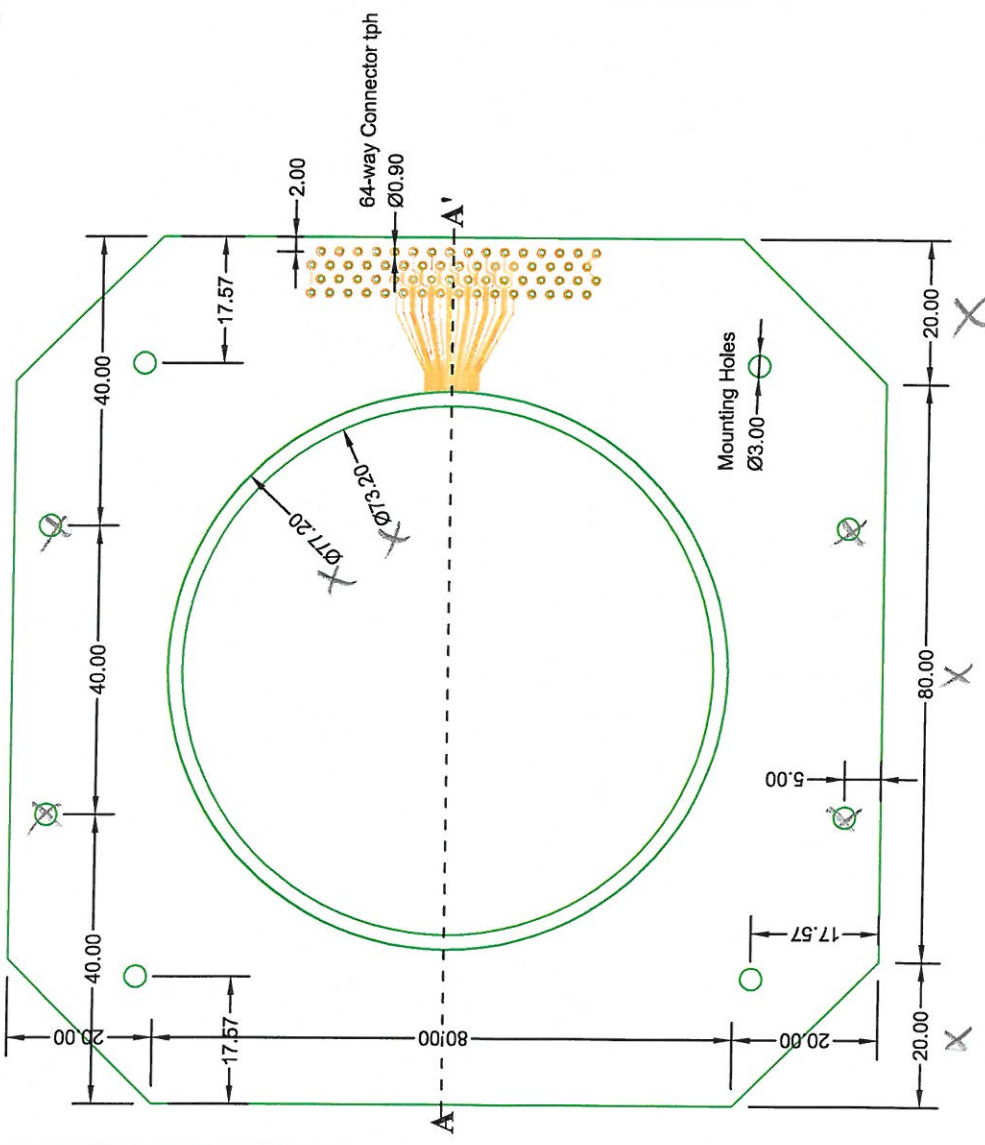


To gennemsigtige plader lyder som en rigtig fin ide!

/M

Dwg. No. A-3329

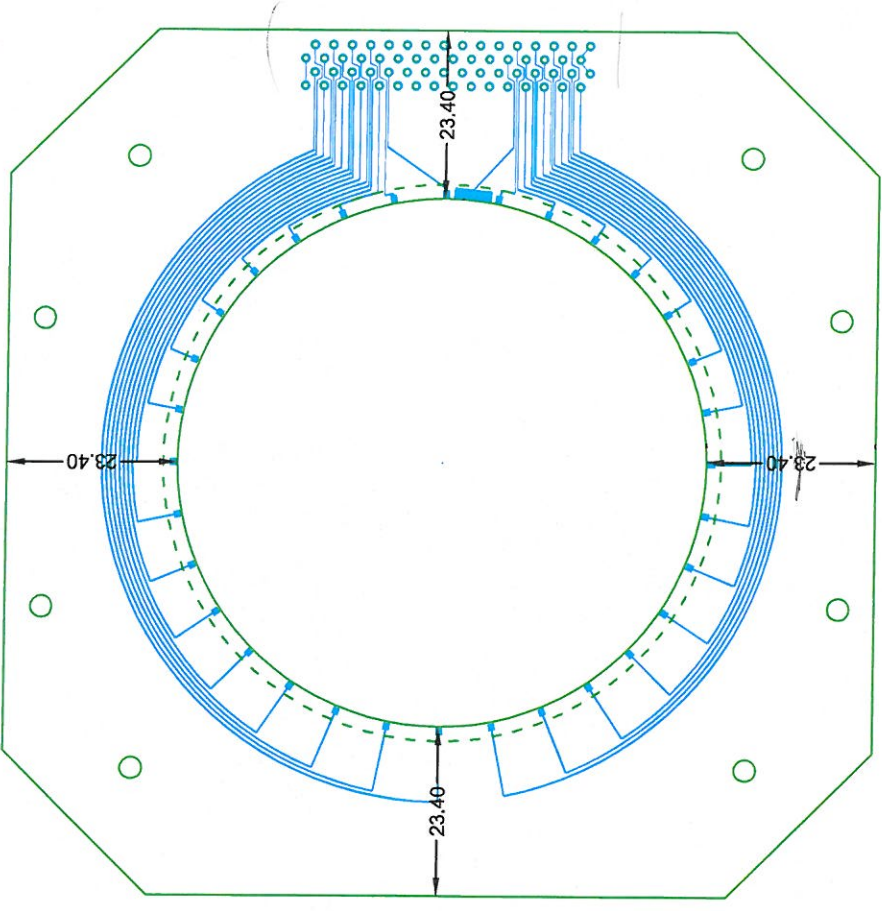
PCB Junction Side Viewed from the Front.



PCB Cross Section AA'.

CHIP DIAMETER = 76000 um

PCB Ohmic Side Viewed Through the PCB from the Junction Side.

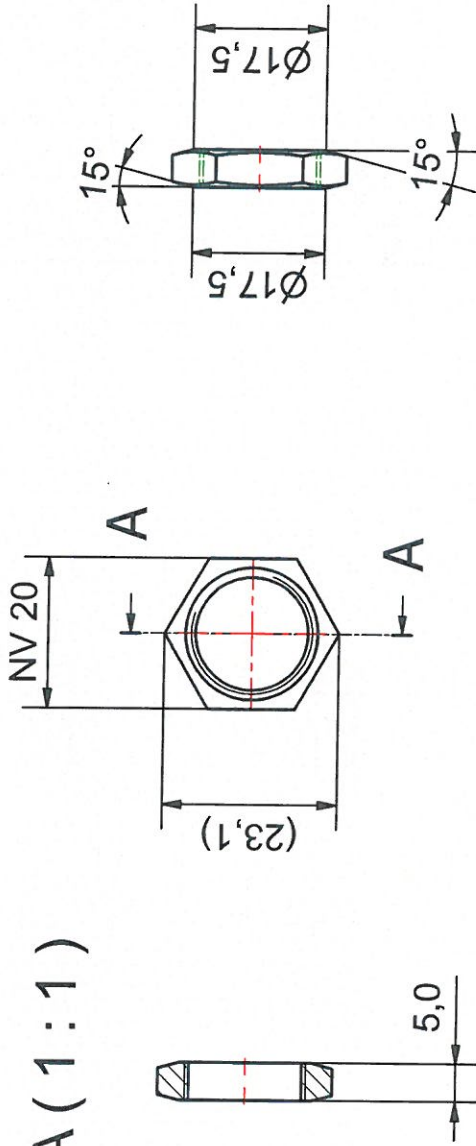


Key

- PCB
- Front Tracking
- Rear Tracking

Drawn. Checked	Date	Tolerances Unless Stated		Title	
S.W.A.N	04/06/2007	Material - Standard FR4 2.40 mm Total Thickness	S3 PCB Design.		
Design Approved		Package O/D ± 0.1mm	Plating - Soft Au on 1 oz Cu	MICRON SEMICONDUCTOR LIMITED	
		Package Hole Ø ± 0.05mm	Solder Resist Front - N/A	THIS DOCUMENT IS THE PROPERTY OF M.S.L. AND IS COMMERCIAL IN CONFIDENCE.	
		Package Hole Pos'n ± 0.1mm	Solder Resist Rear - N/A	design@micronsemiconductor.co.uk	
		Material Thickness ± 0.1	Ledge - 1.4 mm from Top Surface	Scale: 1:1	Dims In. mm
					Drg. No. A-3329

A-A (1:1)

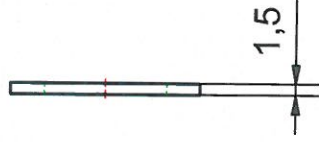
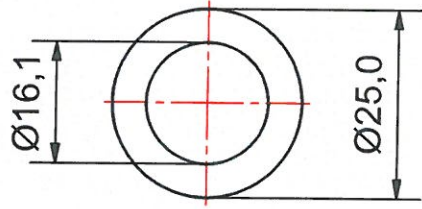


2 stk.

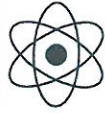


Department of Physics and Astronomy University of Aarhus		IFA	Mtr Aluminium
		Project	Designer Henrik Juul
		Creation date: 16-03-2017	
		Last saved: 28 jan. 2014, 11:54	Rev no.
		Created by: jeva	A4
Rev	Changes	Date	Name
C:\Working Folder\Designs\Hans Fynbo\3D Detectorholder\019078 - Nut M16X1.ipt			

019078 - Nut M16X1



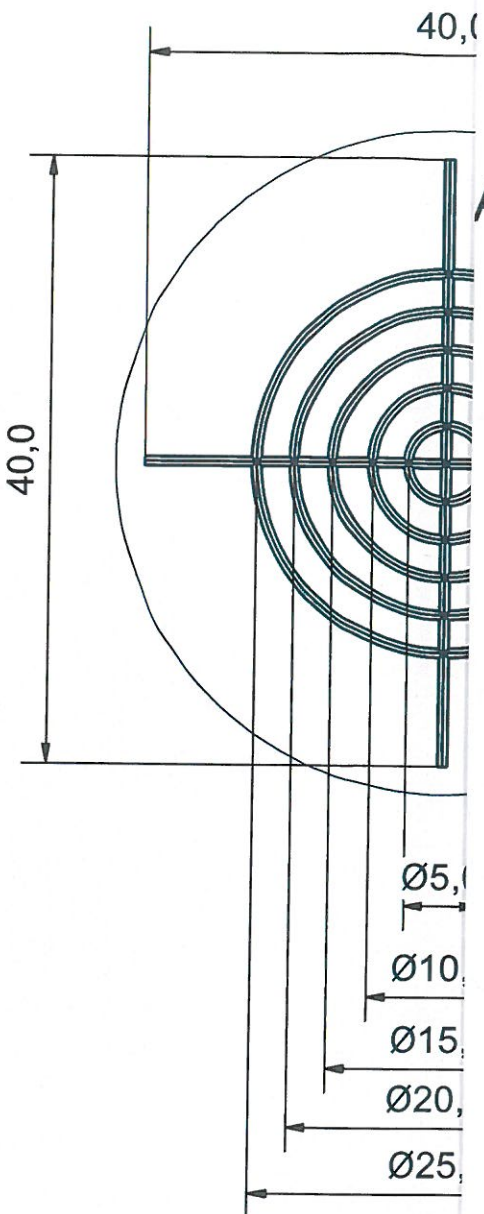
2 stk.

Department of Physics and Astronomy University of Aarhus		IFA 	Mtr Stainless Steel
		Project	Designer Henrik Juul
		Creation date: 16-03-2017	
		Last saved: 28 Jan. 2014, 11:54	
		Created by:	
Rev	Changes	Date	Name
			Rev no. 019077 - Washer
			A4
C:\Working Folder\Designs\Hans Fynbo\3D Detectorholder\019077 - Washer.ipt			

1 1 5 6

A

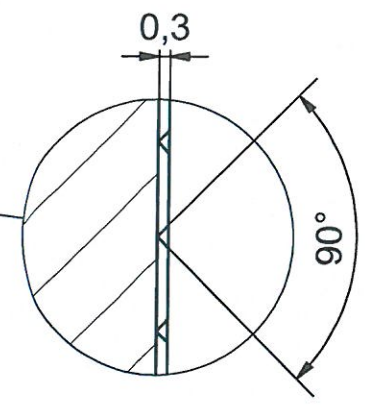
A



A (1 : 1)



B



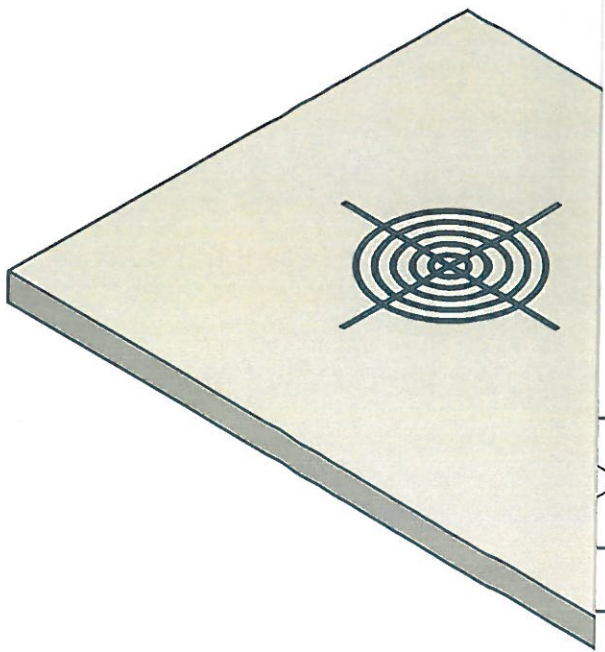
B (5 : 1)

B

B

C

C



2 stk.

D

D

Mtr Polycarbonate, Clear

Designer Henrik Juul

019079 - Alignment plate

Rev no.

A3

ent plate.ipt

1 1 5 6