

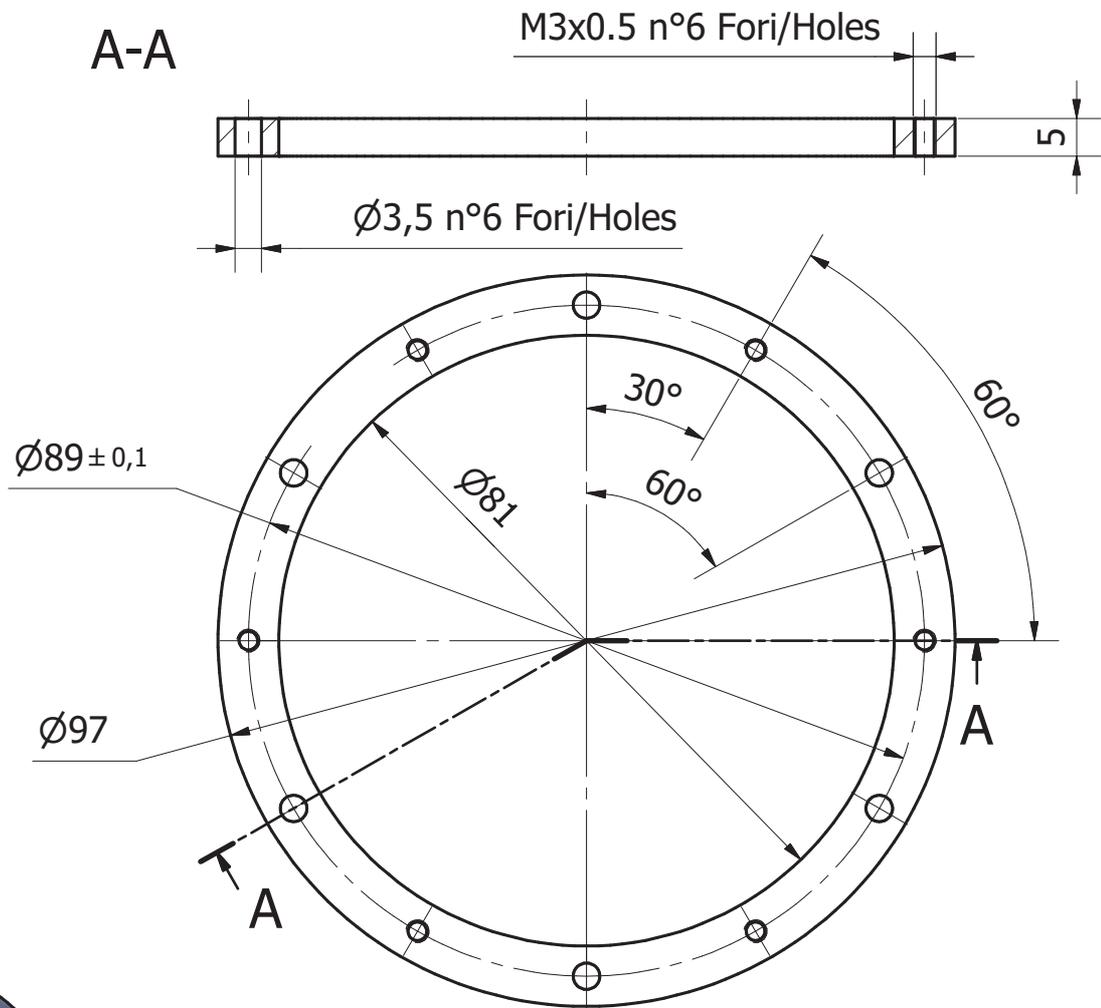
Total weight: 3,7 kg

ref.	pieces	standard	description	weight
8	6	ISO 7380-1 - M3 x 12	Vite con testa a bottone ed esagono incassato - Grado prodotto A	0,001 kg
Commercial Materials				

7	6	1524-D-1	Holed bolt ISO 10642 - M3 x 8	0 kg
6	1	1520-D-1	Air input shelter	0,06 kg
5	1	1519-D-1	Ring D97 d81	0,09 kg
4	1	1521-D-1	Air input filter	0,03 kg
3	3	1525-D-1	Holed bolt ISO 7380-1 - M6 x 12	0 kg
2	1	1522-D-1	Sleeve D97 Th.78	0,7 kg
1	1	1523-D-1	Flange DN100CF-DN40 CF	2,78 kg
ref.	pieces	draw.	added legend	weight

filename 0419-A-1-VAC-AirVentingFilter.idw		title Air venting filter		date 26/06/2017	scale 1:1
department				designed by A.Buggiani	
customer				drawing by A.Buggiani	
 EGO European Gravitational Observatory		section reference S0000-1 (Adv)	drawing from	approval by A.Pasqualetti	
 INFN - CNRS		code EGO-DWG-VAC 0419-A-1		index 1	format A2
drawing is to EGO property - reproduction drawing is forbidden				sheet 1/1	

Note: 100000000



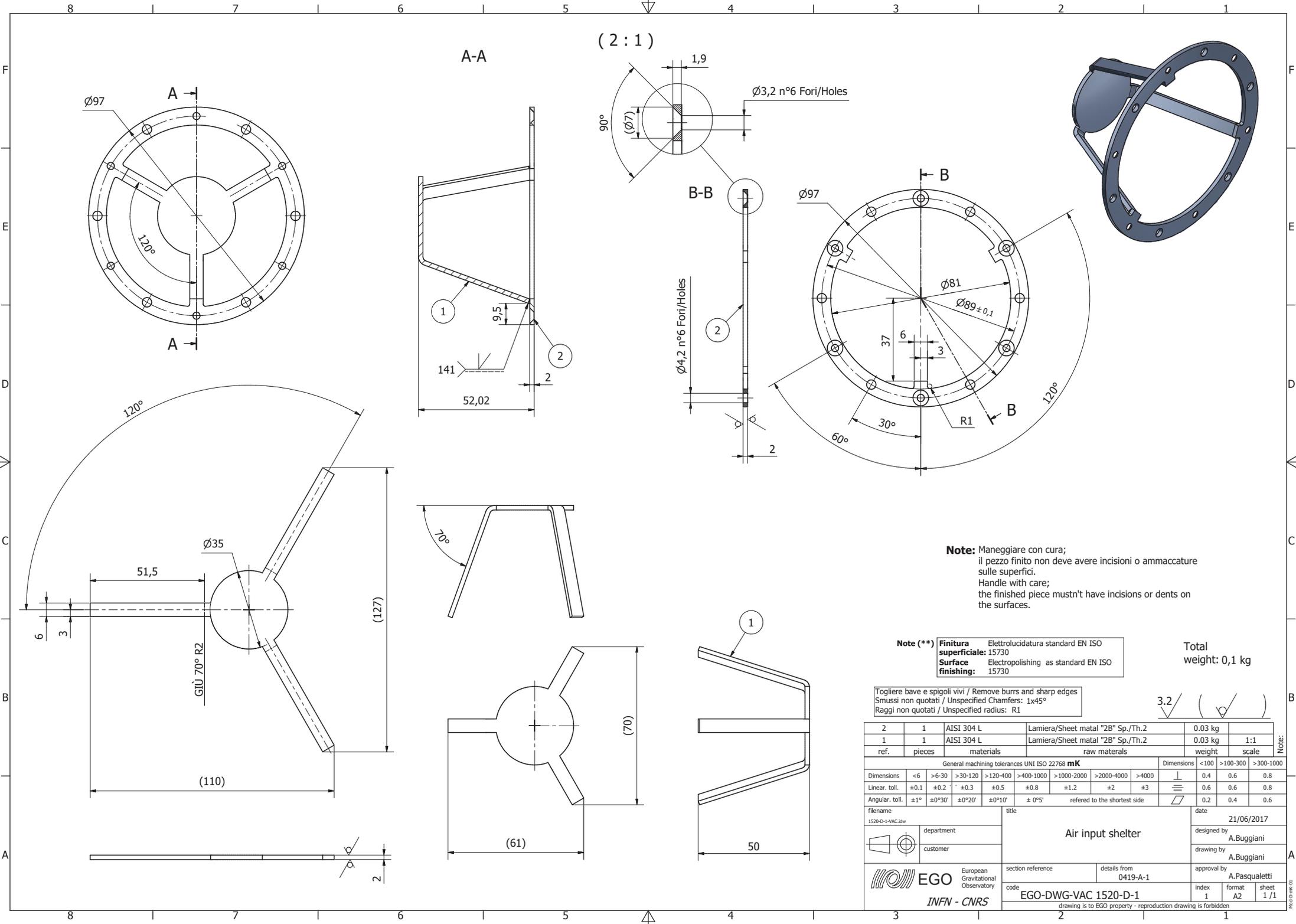
Note: Maneggiare con cura;
il pezzo finito non deve avere incisioni o ammaccature
sulle superfici.
Handle with care;
the finished piece mustn't have incisions or dents on
the surfaces.

Note ()** **Finitura superficiale:** Elettrolucidatura standard EN ISO 15730
Surface finishing: Electropolishing as standard EN ISO 15730

Togliere bave e spigoli vivi / Remove burrs and sharp edges
Smussi non quotati / Unspecified Chamfers: 1x45°
Raggi non quotati / Unspecified radius: R1

3.2 / ()

-	-	AISI 304 L	Tubo/Pipe D101,6 Sp./Th.12,5						0.09 kg	1:1	Note:	
ref.	pieces	materials	raw materials						weight	scale		
General machining tolerances UNI ISO 22768 fH									Dimensions	<100		>100-300
Dimensions	<6	>6-30	>30-120	>120-400	>400-1000	>1000-2000	>2000-4000	>4000	\perp	0.2	0.3	0.4
Linear. toll.	±0.05	±0.1	±0.15	±0.2	±0.3	±0.5	-	-	\equiv	0.5	0.5	0.5
Angular. toll.	±1°	±0°30'	±0°20'	±0°10'	± 0°5'			referred to the shortest side	∇	0.1	0.2	0.3
filename 1519-D-1-VAC.idw		department		title Ring D97 d81				date 26/06/2017				
customer		customer						designed by A.Buggiani				
								drawing by A.Buggiani				
European Gravitational Observatory		European Gravitational Observatory		section reference S0000-1 (AdV)		details from 0419-A-1		approval by A.Pasqualetti				
EGO		EGO		code EGO-DWG-VAC 1519-D-1				index 1		format A4		sheet 1 / 1
INFN - CNRS		INFN - CNRS										
drawing is to EGO property - reproduction drawing is forbidden												



Note: Maneggiare con cura;
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Note ()** **Finitura superficiale:** Elettrolucidatura standard EN ISO 15730
Surface finishing: Electropolishing as standard EN ISO 15730

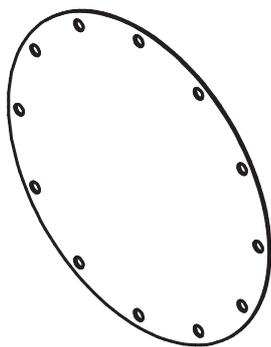
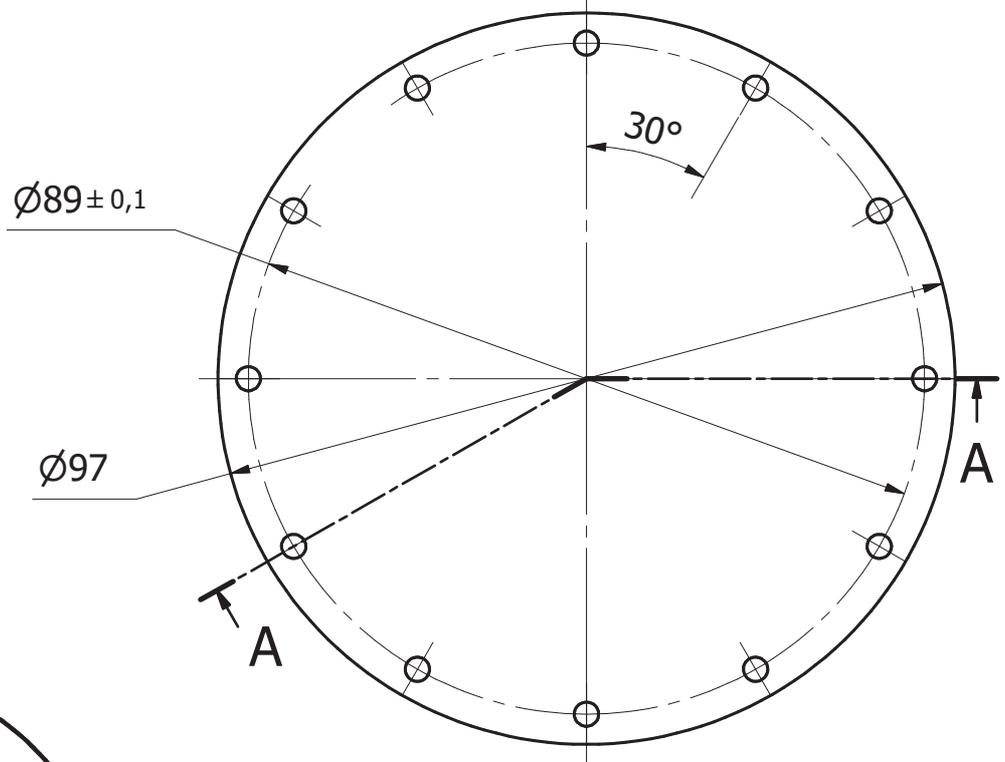
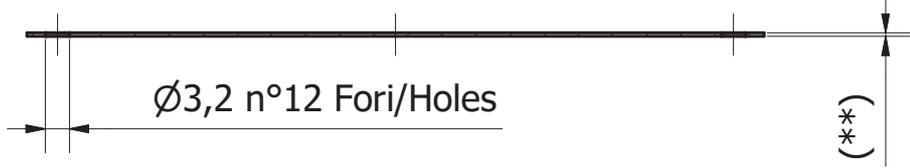
Total weight: 0,1 kg

Togliere bave e spigoli vivi / Remove burrs and sharp edges
 Smussi non quotati / Unspecified Chamfers: 1x45°
 Raggi non quotati / Unspecified radius: R1

2	1	AISI 304 L	Lamiera/Sheet metal "2B" Sp./Th.2	0.03 kg	
1	1	AISI 304 L	Lamiera/Sheet metal "2B" Sp./Th.2	0.03 kg	1:1
ref.	pieces	materials	raw materials	weight	scale
General machining tolerances UNI ISO 22768 mK				Dimensions	
Dimensions	<6	>6-30	>30-120	>120-400	>400-1000
Linear, toll.	±0.1	±0.2	±0.3	±0.5	±0.8
Angular, toll.	±1°	±0°30'	±0°20'	±0°10'	± 0°5'
filename	1520-D-1-VAC.dwg				date
department	customer				21/06/2017
title				Air input shelter	
section reference				details from 0419-A-1	
code				index 1 format A2 sheet 1/1	
EGO European Gravitational Observatory				approval by A.Pasqualetti	
INFN - CNRS				drawing is to EGO property - reproduction drawing is forbidden	



A-A



(**): Tela metallica n°70 (Luce 0,3, Sup. utile 60%) o lamiera microforata con fori Ø2,8 (Luce 2,8, Sup. utile 57%)
Metallic wire cloths n°70 (Aperture 0,3, Useful surface 60%)
or microdrilled sheet metal with holes Ø2,8 (Aperture 2,8, Useful surface 57%)

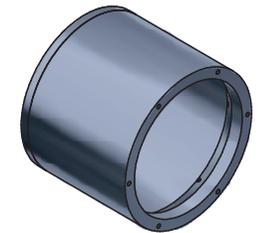
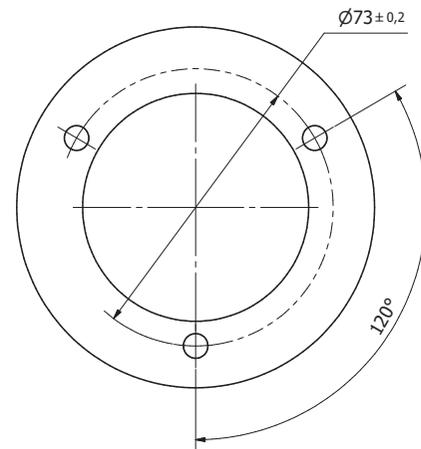
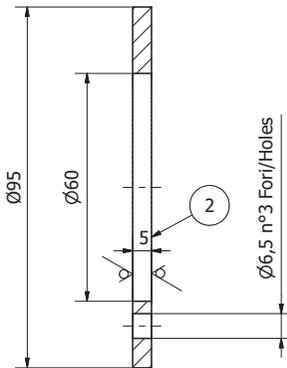
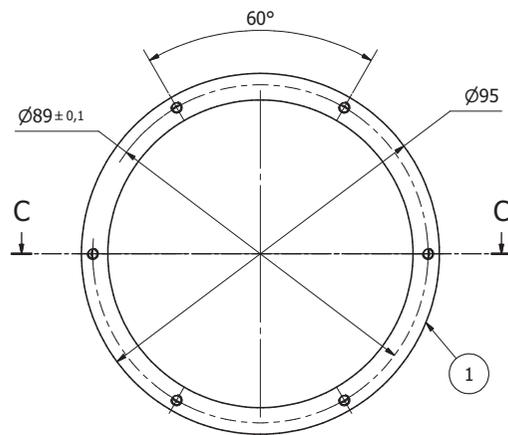
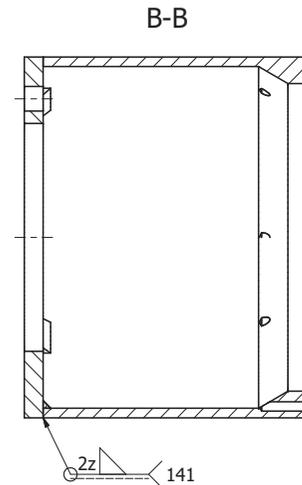
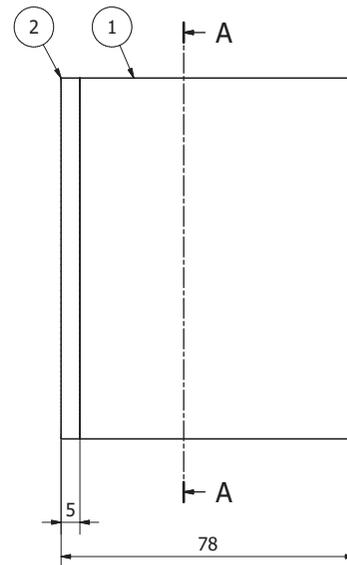
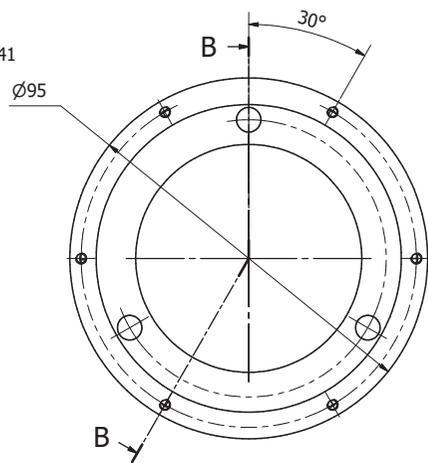
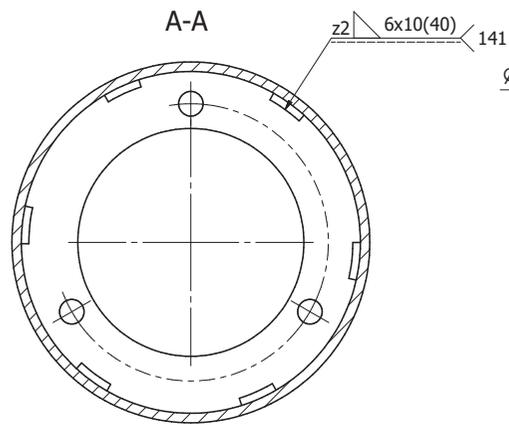
Togliere bave e spigoli vivi / Remove burrs and sharp edges
Smussi non quotati / Unspecified Chamfers: 1x45°
Raggi non quotati / Unspecified radius: R1



-	-	AISI 304 L							0.03 kg	1:1	Note:		
ref.	pieces	materials	raw materials						weight	scale			
General machining tolerances UNI ISO 22768 fH									Dimensions	<100		>100-300	>300-1000
Dimensions	<6	>6-30	>30-120	>120-400	>400-1000	>1000-2000	>2000-4000	>4000		0.2	0.3	0.4	
Linear. toll.	±0.05	±0.1	±0.15	±0.2	±0.3	±0.5	-	-		0.5	0.5	0.5	
Angular. toll.	±1°	±0°30'	±0°20'	±0°10'	± 0°5'			referred to the shortest side			0.1	0.2	0.3
filename 1521-D-1-VAC.idw		department		title Air input filter				date 26/06/2017		designed by A.Buggiani			
		customer						drawing by A.Buggiani					
								approval by A.Pasqualetti					
		European Gravitational Observatory INFN - CNRS		section reference S0000-1 (AdV)		details from 0419-A-1		approval by A.Pasqualetti		index 1		format A4	sheet 1 / 1
				code EGO-DWG-VAC 1521-D-1						index 1	format A4	sheet 1 / 1	
drawing is to EGO property - reproduction drawing is forbidden													

Mod-D-FH-01





Note: Maneggiare con cura;
il pezzo finito non deve avere incisioni o ammaccature sulle superfici.
Handle with care;
the finished piece mustn't have incisions or dents on the surfaces.

Note ()** **Finitura superficiale:** Elettrolucidatura standard EN ISO 15730
Surface finishing: Electropolishing as standard EN ISO 15730

Total weight: N/A

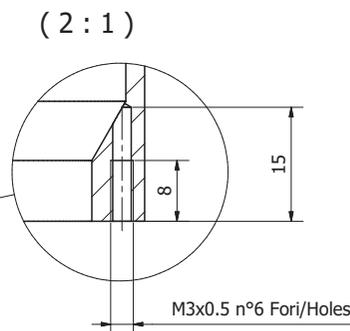
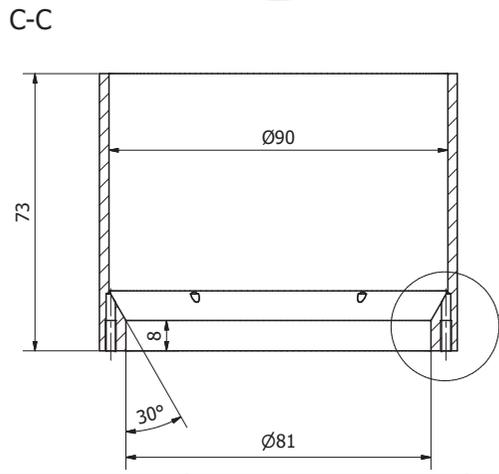
Togliere bave e spigoli vivi / Remove burrs and sharp edges
Smussi non quotati / Unspecified Chamfers: 1x45°
Raggi non quotati / Unspecified radius: R1



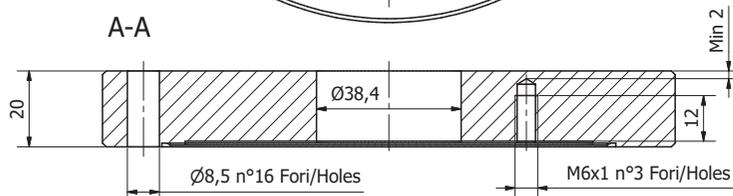
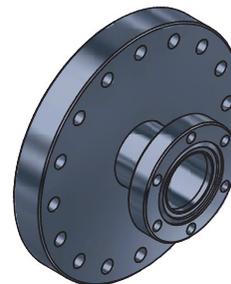
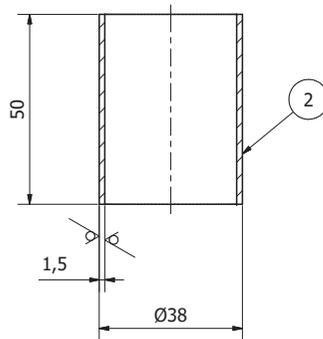
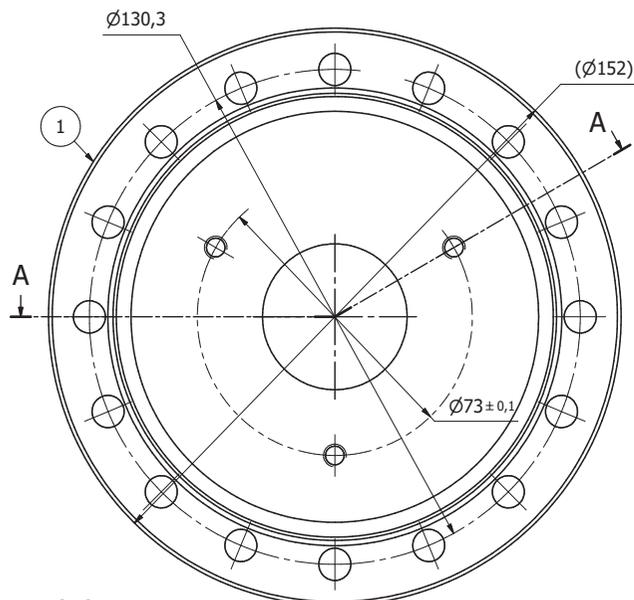
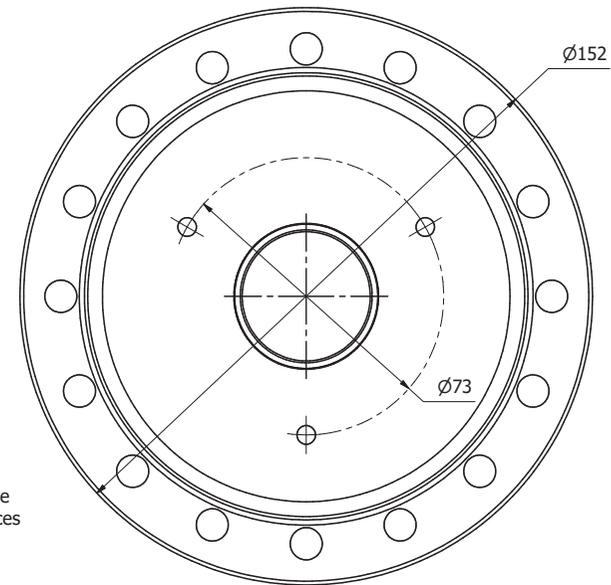
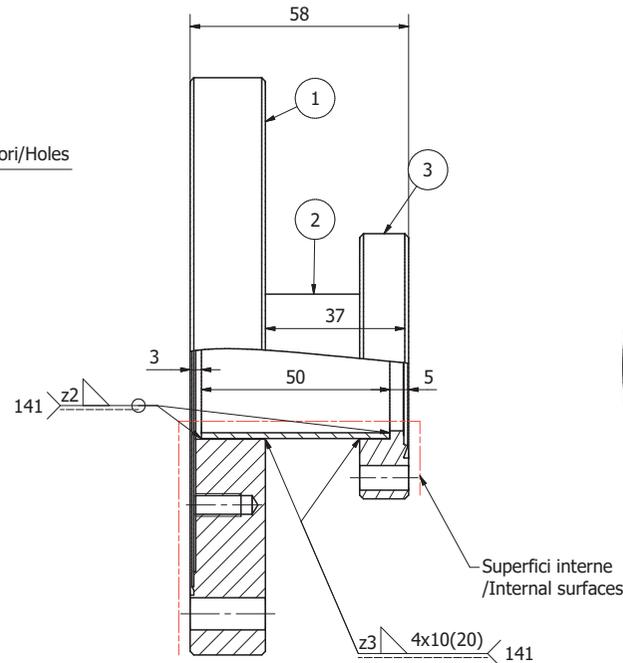
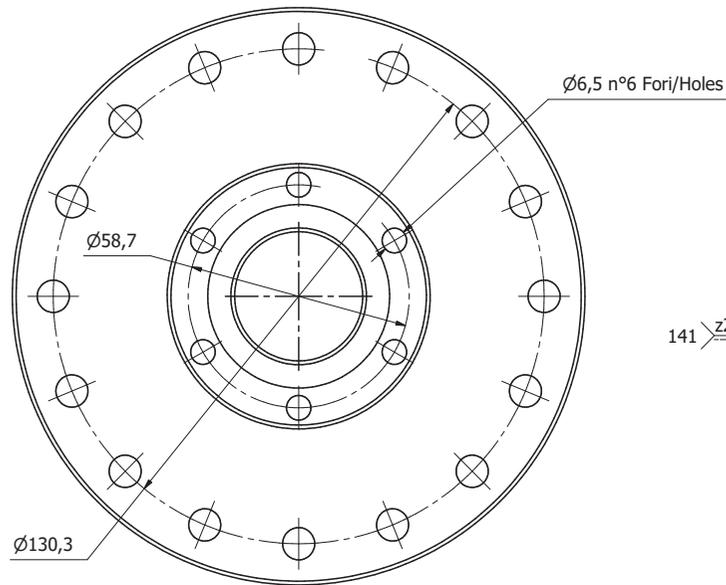
2	1	AISI 304 L	Tube/Pipe D101,6 Sp.12,5	0.17 kg	
1	1	AISI 304 L	Tube/Pipe D101,6 Sp.12,5	0.54 kg	1:1
ref.	pieces	materials	raw materials	weight	scale

General machining tolerances UNI ISO 22768 mK								Dimensions			
Dimensions	<6	>6-30	>30-120	>120-400	>400-1000	>1000-2000	>2000-4000	>4000	<100	>100-300	>300-1000
Linear, toll.	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	0.4	0.6	0.8
Angular, toll.	±1°	±0°30'	±0°20'	±0°10'	±0°5'	referred to the shortest side					
									0.2	0.4	0.6

filename 1522-D-1-VAC.dwg	department	customer	title Sleeve D97 Th.78	date 21/06/2017
EGO European Gravitational Observatory INFN - CNRS			section reference 0419-A-1	designed by A.Buggiani
			details from 0419-A-1	drawing by A.Buggiani
			approval by A.Pasqualetti	index 1
			code EGO-DWG-VAC 1522-D-1	format A2
			sheet 1/1	



Note: 1000/2000



Note: Maneggiare con cura;
il pezzo finito non deve avere incisioni o ammaccature sulle superfici.
Handle with care;
the finished piece mustn't have incisions or dents on the surfaces.

Note ()** **Finitura superficiale:** Elettrolucidatura standard EN ISO 15730 su superfici interne
Surface finishing: Electropolishing as standard EN ISO 15730 on internal surfaces

Total weight: 2,8 kg

Togliere bave e spigoli vivi / Remove burrs and sharp edges
Smussi non quotati / Unspecified Chamfers: 1x45°
Raggi non quotati / Unspecified radius: R1

3	1	Tipo "Cecom-03-102-02021"	DN 40-CF Flangia fissa/Fixed Flange	0.258 kg
ref.	pieces	standard	description	weight
Commercial Materials				

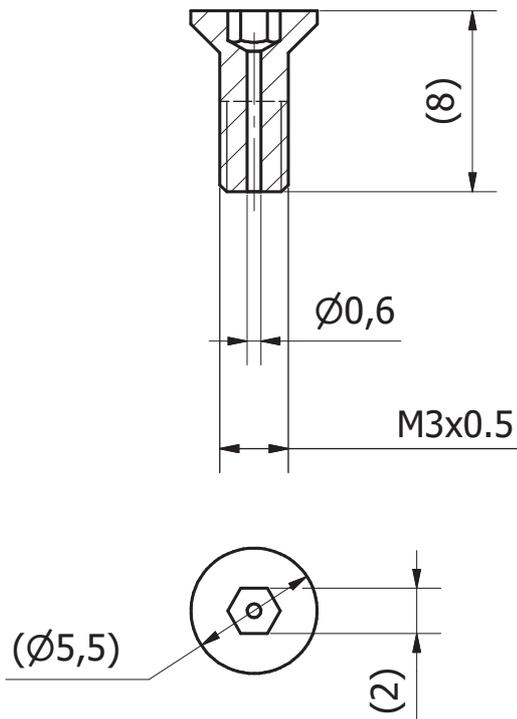
2	1	AISI 304 L	Tubo senza saldatura/Weldless pipe D38 Sp./Th.1,5	0.07 kg
1	1	AISI 304 L	Flangia/Flange "Cecom 03-100-02003-DN-100-CF"	2.45 kg
ref.	pieces	materials	raw materials	weight
				scale
				1:1

General machining tolerances UNI ISO 22768 mK								Dimensions			
Dimensions	<6	>6-30	>30-120	>120-400	>400-1000	>1000-2000	>2000-4000	>4000	<100	>100-300	>300-1000
Linear, toll.	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	0.4	0.6	0.8
Angular, toll.	±1°	±0°30'	±0°20'	±0°10'	± 0°5'	referred to the shortest side					
									0.2	0.4	0.6

filename 1523-D-1-VAC.dwg	department	customer	title Flange DN100-DN40 CF	date 26/06/2017
designed by A.Buggiani	drawing by A.Buggiani	approval by A.Pasqualetti	section reference S0000-1 (Adv)	details from 0419-A-1
code EGO-DWG-VAC 1523-D-1	index 1	format A2	sheet 1/1	drawing is to EGO property - reproduction drawing is forbidden

Note: Le dimensioni sono riferite alla sola modifica.
Dimensions are referred only modification.





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Note: Le dimensioni sono riferite alla sola modifica.
Dimensions are referred only modification.

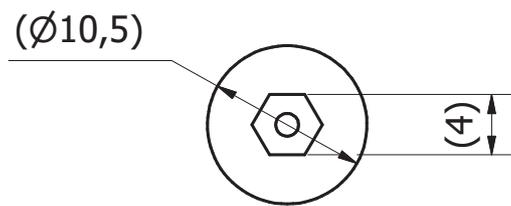
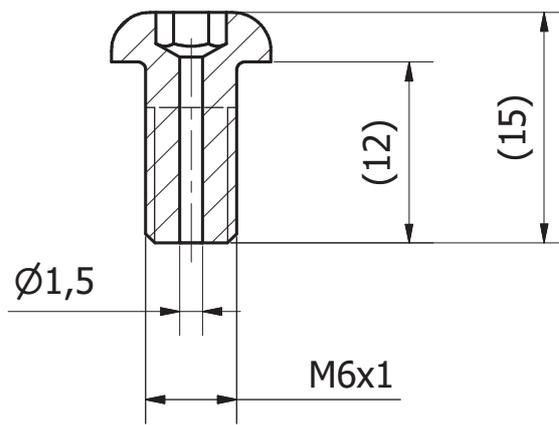
Togliere bave e spigoli vivi / Remove burrs and sharp edges
Smussi non quotati / Unspecified Chamfers: 1x45°
Raggi non quotati / Unspecified radius: R1



-	-	Classe A2	ISO 10642 - M3 x 8						0 kg	3:1		
ref.	pieces	materials	raw materials						weight	scale		
General machining tolerances UNI ISO 22768 fH									Dimensions	<100	>100-300	>300-1000
Dimensions	<6	>6-30	>30-120	>120-400	>400-1000	>1000-2000	>2000-4000	>4000	\perp	0.2	0.3	0.4
Linear. toll.	± 0.05	± 0.1	± 0.15	± 0.2	± 0.3	± 0.5	-	-	\equiv	0.5	0.5	0.5
Angular. toll.	$\pm 1^\circ$	$\pm 0^\circ 30'$	$\pm 0^\circ 20'$	$\pm 0^\circ 10'$	$\pm 0^\circ 5'$			referred to the shortest side	\parallel	0.1	0.2	0.3
filename 1524-D-1-VAC.idw		department		title Holed bolt ISO 10642 - M3 x 8				date 26/06/2017				
customer		customer						designed by A.Buggiani				
								drawing by A.Buggiani				
 EGO European Gravitational Observatory INFN - CNRS		section reference		details from 0419-A-1				approval by A.Pasqualetti				
				code EGO-DWG-VAC 1524-D-1				index 1	format A4	sheet 1 / 1		
drawing is to EGO property - reproduction drawing is forbidden												

Note:

Mod-D-FH-01



Note: Maneggiare con cura;
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the surfaces.



Note: Le dimensioni sono riferite alla sola modifica.
Dimensions are refered only modification.

Togliere bave e spigoli vivi / Remove burrs and sharp edges
Smussi non quotati / Unspecified Chamfers: 1x45°
Raggi non quotati / Unspecified radius: R1



-	-	Classe A2	ISO 7380-1 - M6 x 12						0 kg	2:1		
ref.	pieces	materials	raw materials						weight	scale		
General machining tolerances UNI ISO 22768 fH									Dimensions	<100	>100-300	>300-1000
Dimensions	<6	>6-30	>30-120	>120-400	>400-1000	>1000-2000	>2000-4000	>4000		0.2	0.3	0.4
Linear. toll.	±0.05	±0.1	±0.15	±0.2	±0.3	±0.5	-	-		0.5	0.5	0.5
Angular. toll.	±1°	±0°30'	±0°20'	±0°10'	± 0°5'			referred to the shortest side		0.1	0.2	0.3
filename 1525-D-1-VAC.idw		department		title Holed bolt ISO 7380-1 - M6 x 12					date 26/06/2017			
		customer							designed by A.Buggiani			
									drawing by A.Buggiani			
		European Gravitational Observatory INFN - CNRS		section reference		details from 0419-A-1		approval by A.Pasqualetti				
				code EGO-DWG-VAC 1525-D-1				index 1	format A4	sheet 1 / 1		
drawing is to EGO property - reproduction drawing is forbidden												

Note:

Mod-D-fH-01