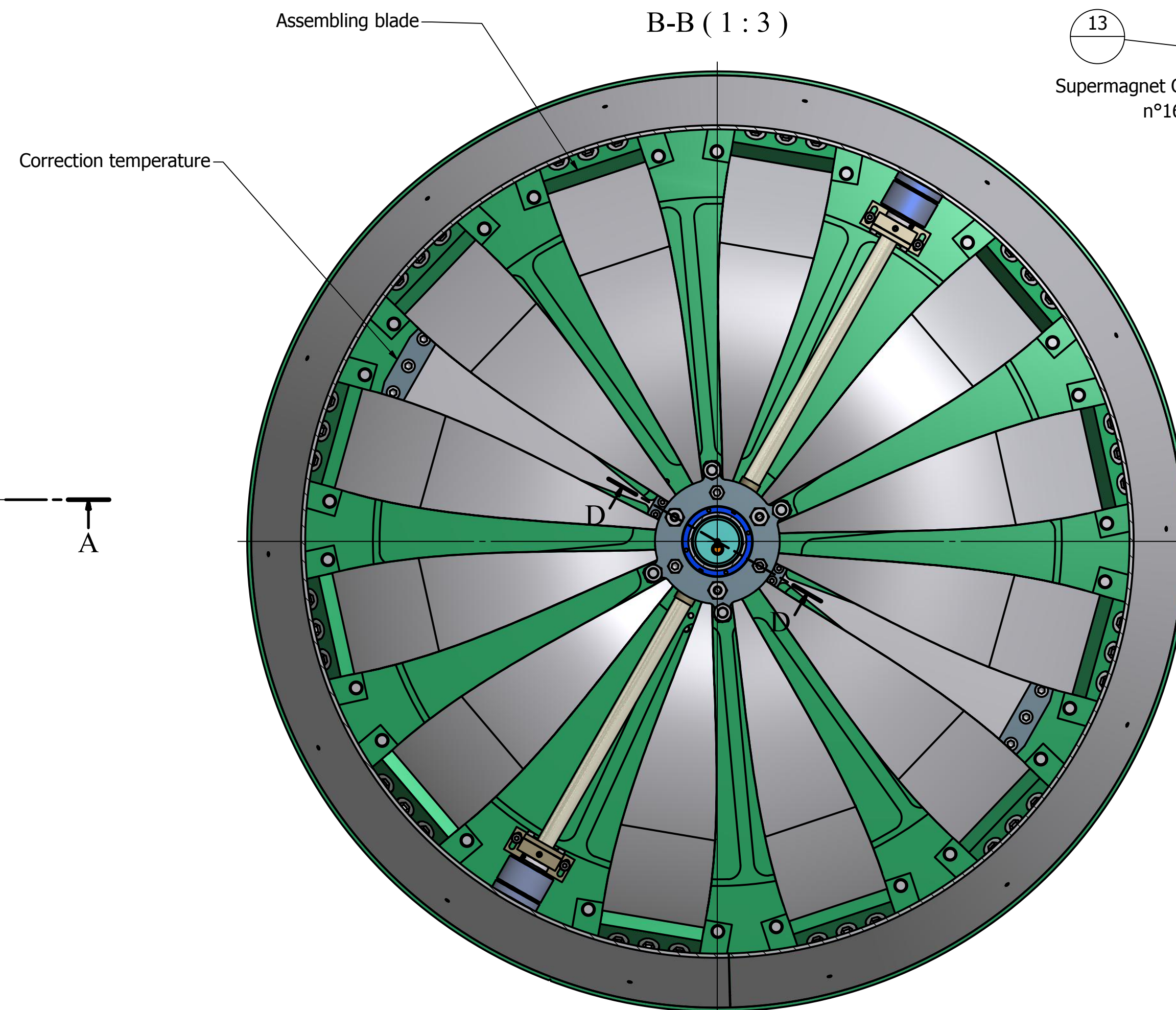
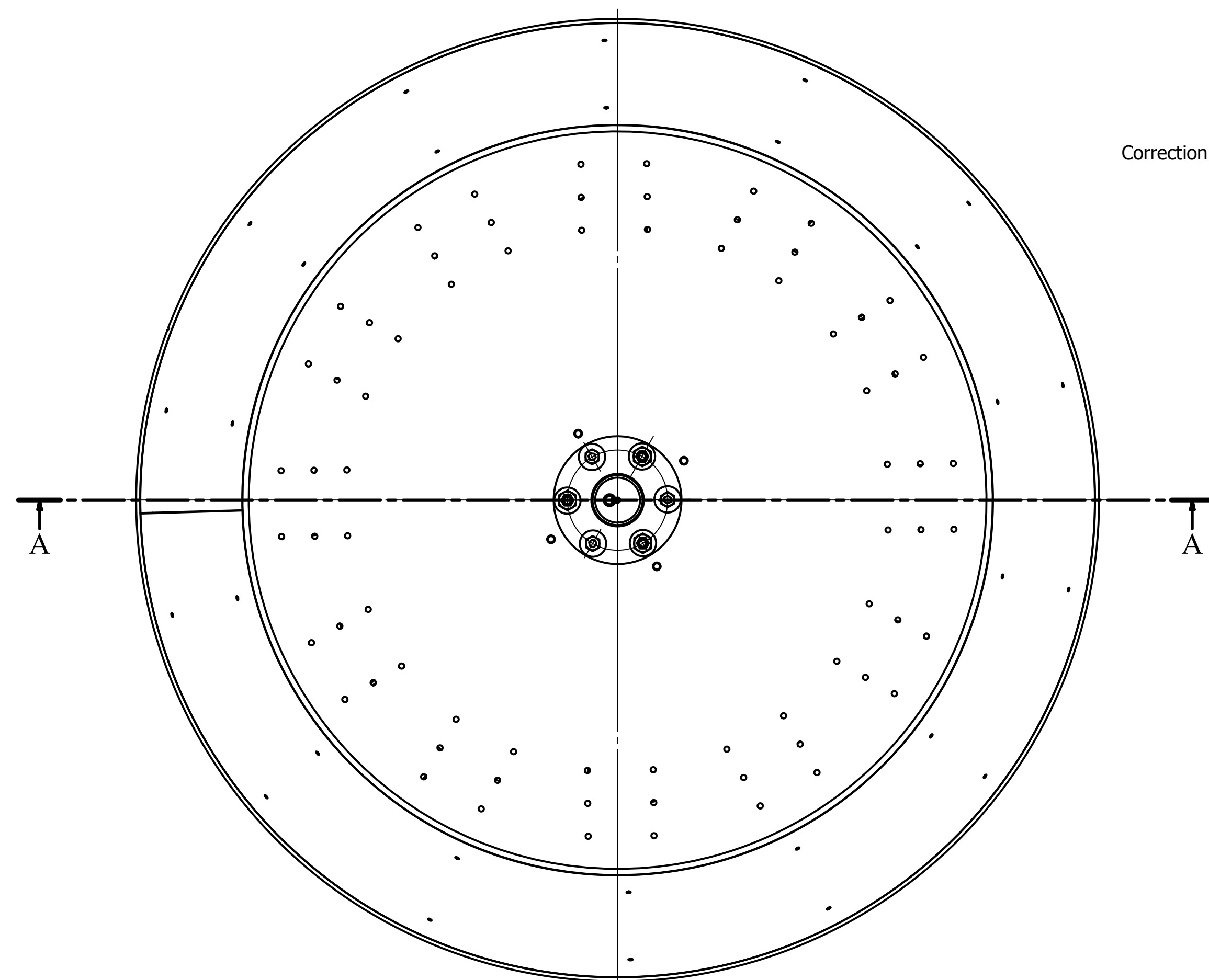
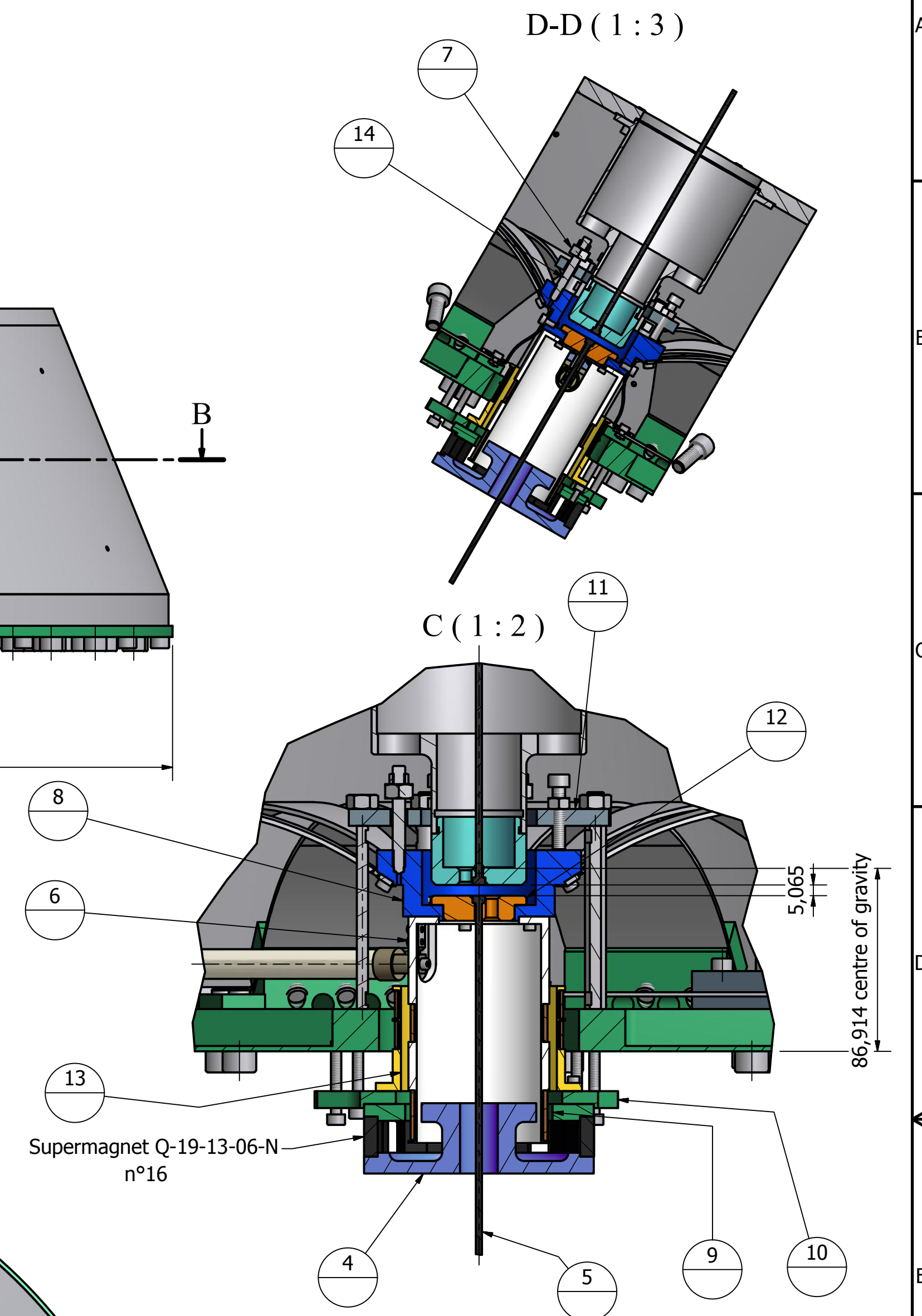
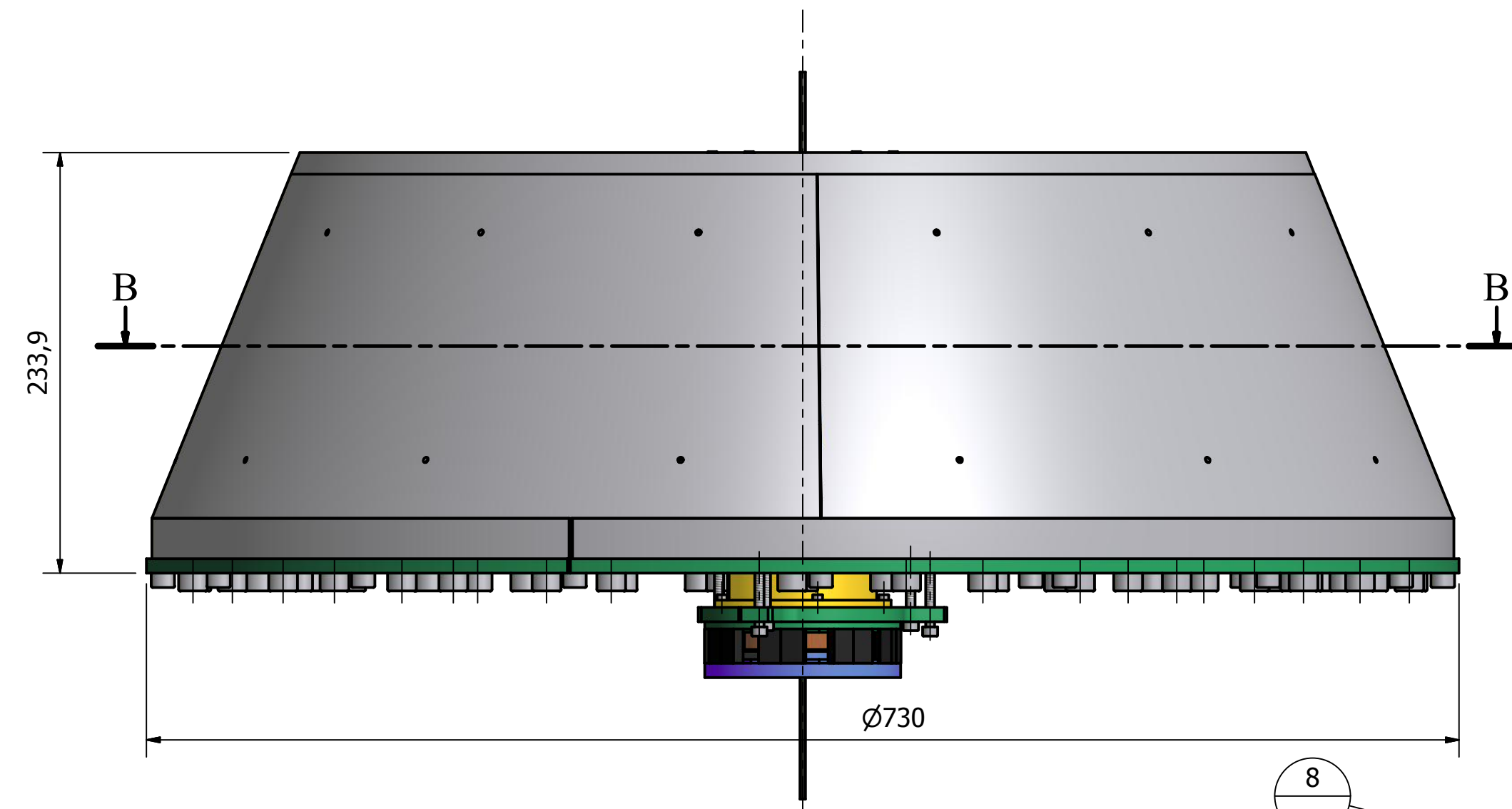
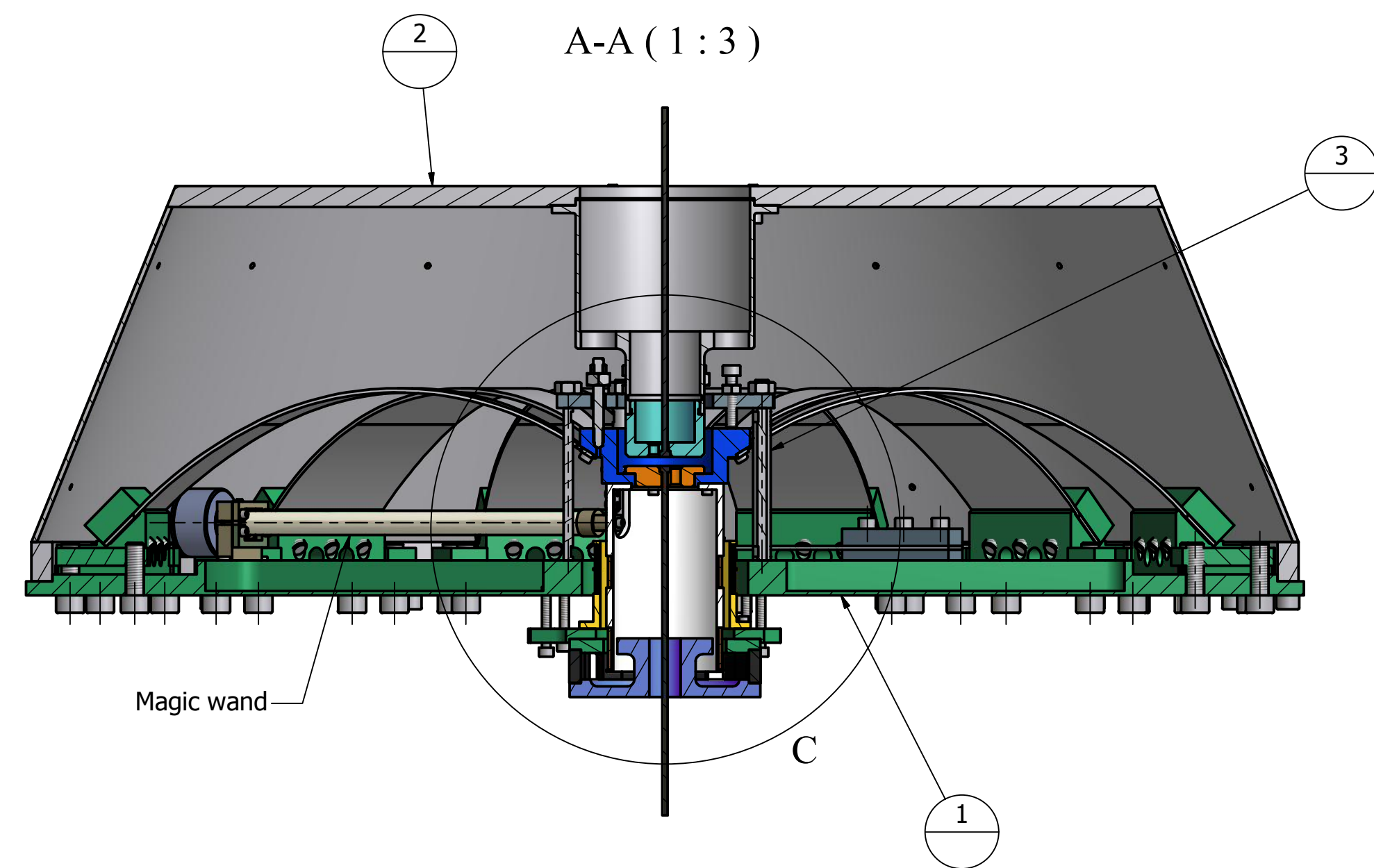
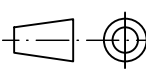
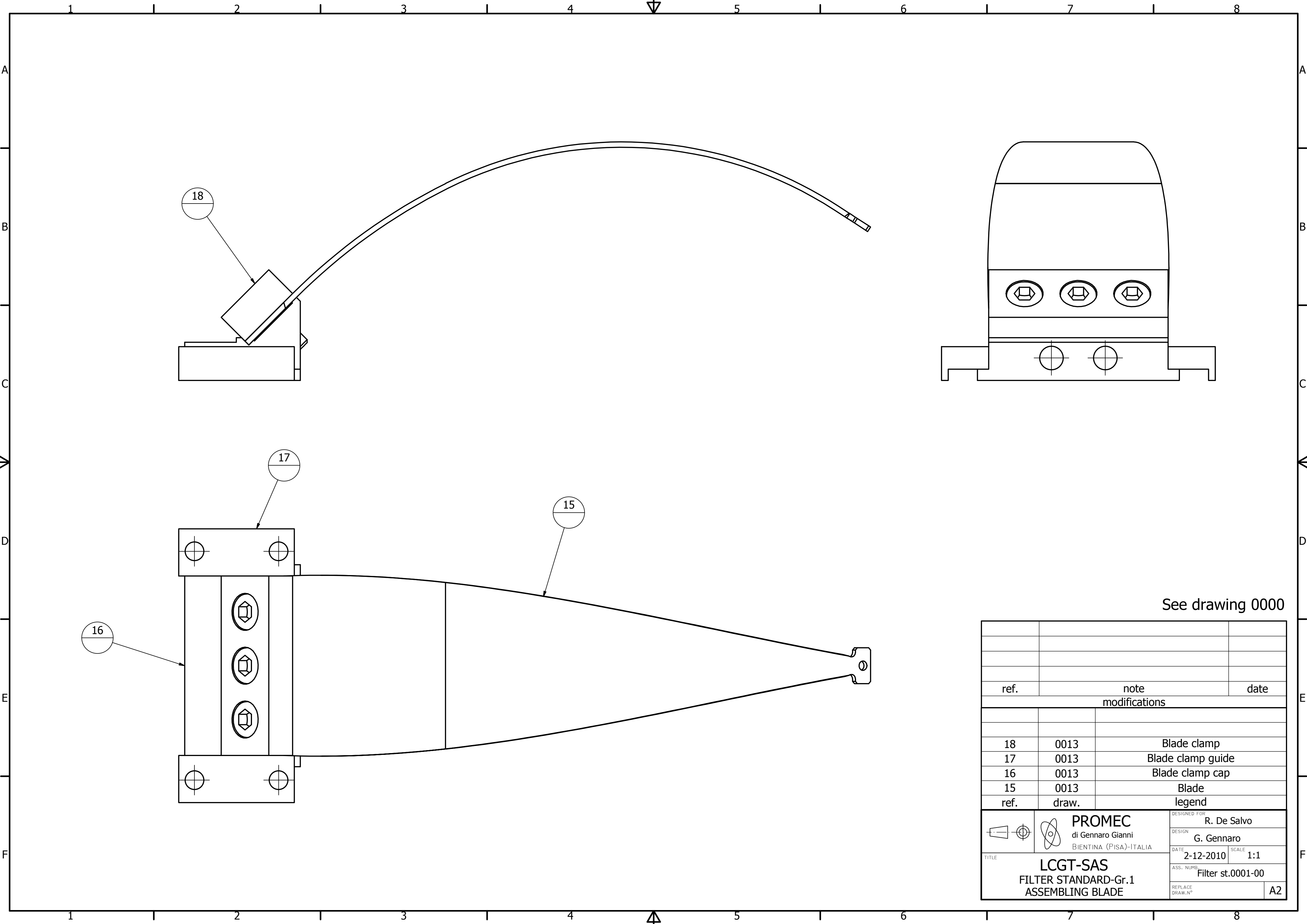


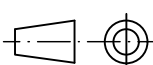


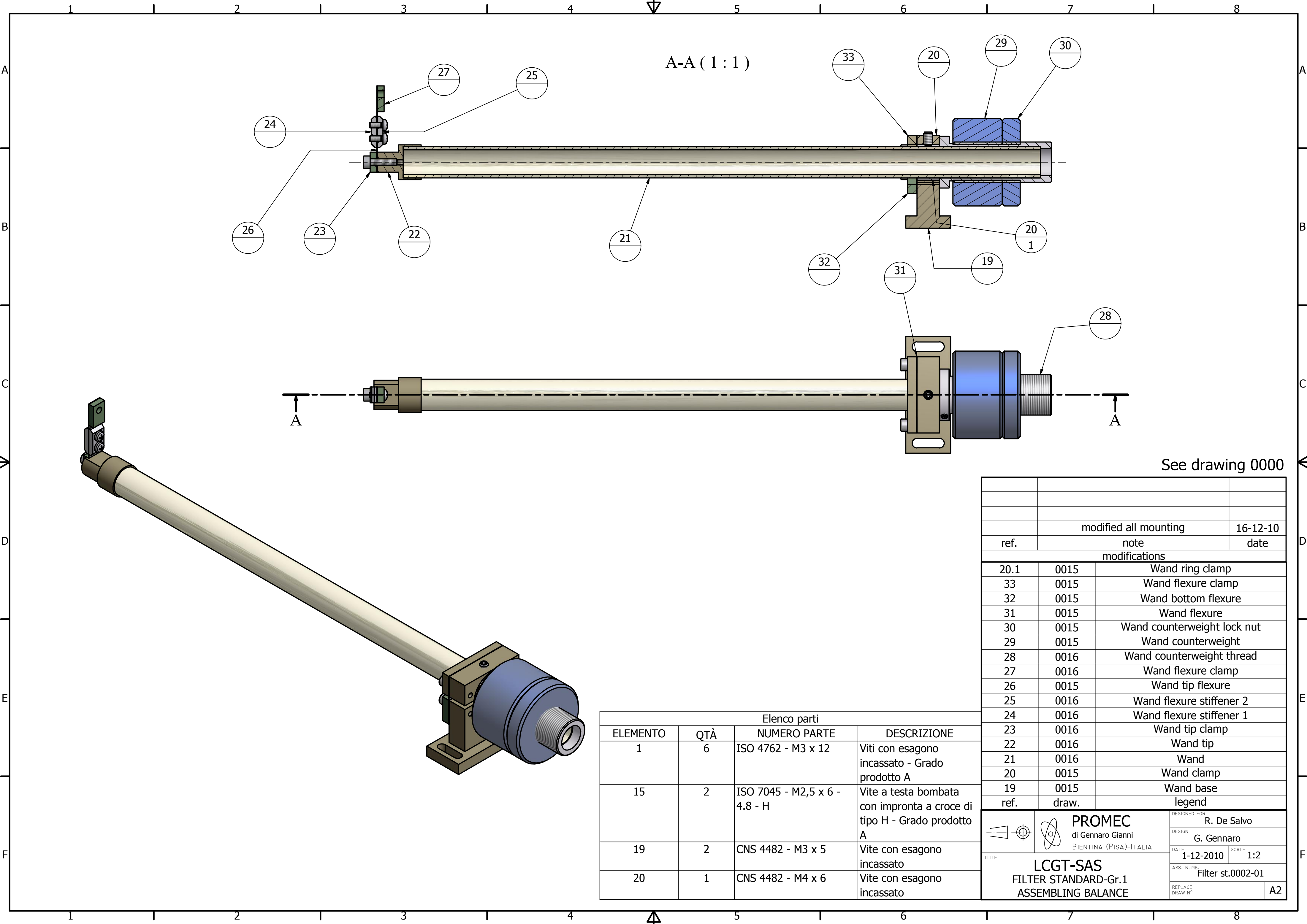
mass = 89,13 Kg

		changed cup	17-12-10
ref.		note	date
modifications			
14	0011	Threaded bar	
13	0010	LVDT secondary	
12	0012	Lower wire receptacle	
11	0011	Range limiter ring	
10	0009	LVDT adjustment plate	
9	0009	Magnet yoke body	
8	0011	Keystone	
7	0011	Special nut	
6	0010	LVDT-actuator coil	
5	0012	Suspension wire	
4	0009	Magnet yoke ring	
3	0012	Range limiter column	
2	0005-6-7-8	Shell	
1	0004	Base plate	
	0003	Thermal compensator	
	0002	Magic wand	
	0001	Blade assembling	
ref.	draw.	legend	
  PROMEC di Gennaro Gianni BIENTINA (PISA)-ITALIA		DESIGNED FOR R. De Salvo	
		DESIGN G. Gennaro	
		DATE 1-12-2010	SCALE 1:3
		ASS. NOME Filter st.0000-01	
		REPLACE DRAW. N°	
FILE		A1	
LCGT-SAS			
FILTER STANDARD-Gr.1			



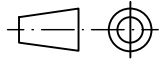
See drawing 0000

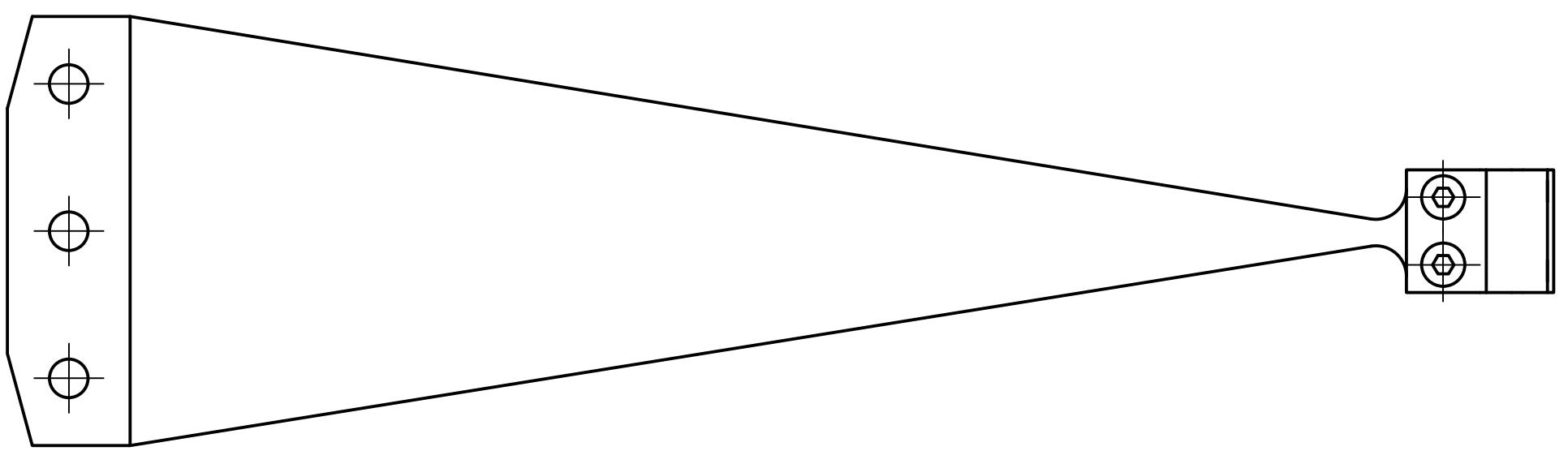
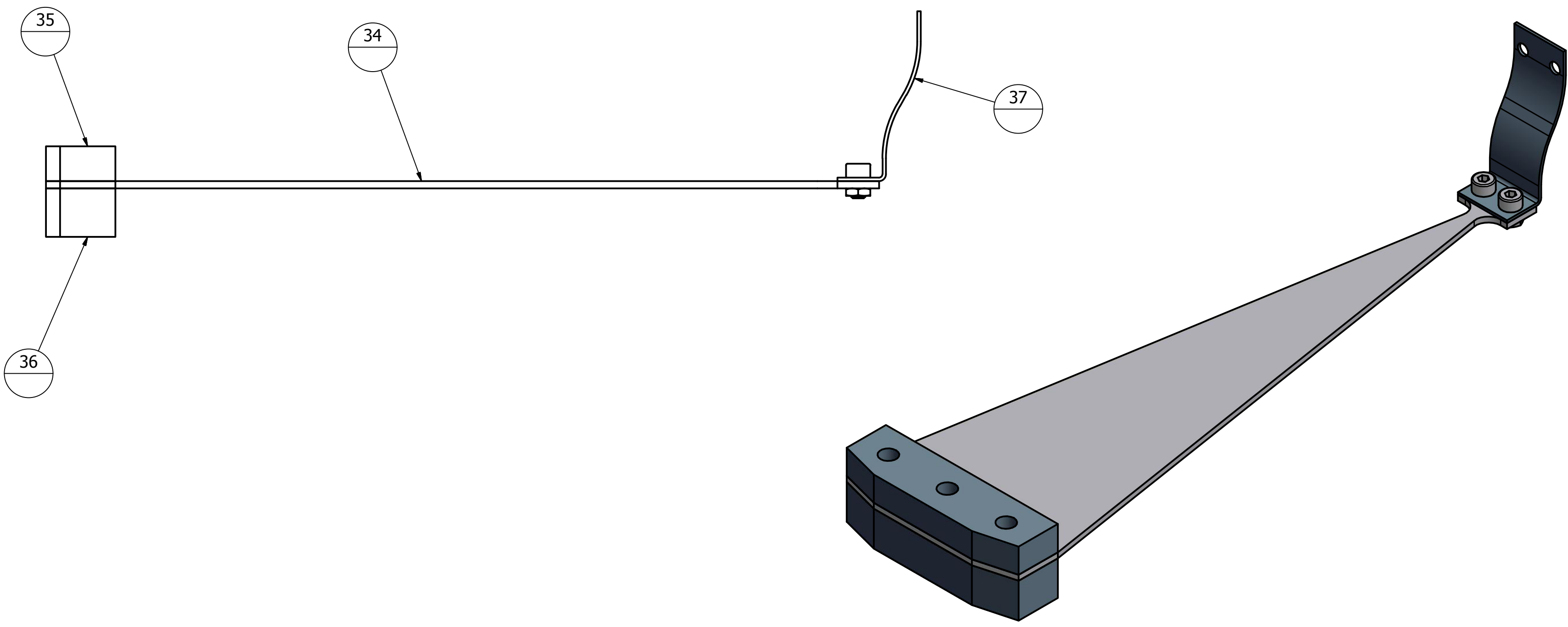
ref.	note	date	
modifications			
18	0013	Blade clamp	
17	0013	Blade clamp guide	
16	0013	Blade clamp cap	
15	0013	Blade	
ref.	draw.	legend	
 	PROMEC di Gennaro Gianni BIENTINA (PISA)-ITALIA	DESIGNED FOR R. De Salvo	
		DESIGN G. Gennaro	
		DATE 2-12-2010	SCALE 1:1
		ASS. NUMB. Filter st.0001-00	
		REPLACE DRAW.N°	
TITLE LCGT-SAS FILTER STANDARD-Gr.1 ASSEMBLING BLADE		A2	



See drawing 0000

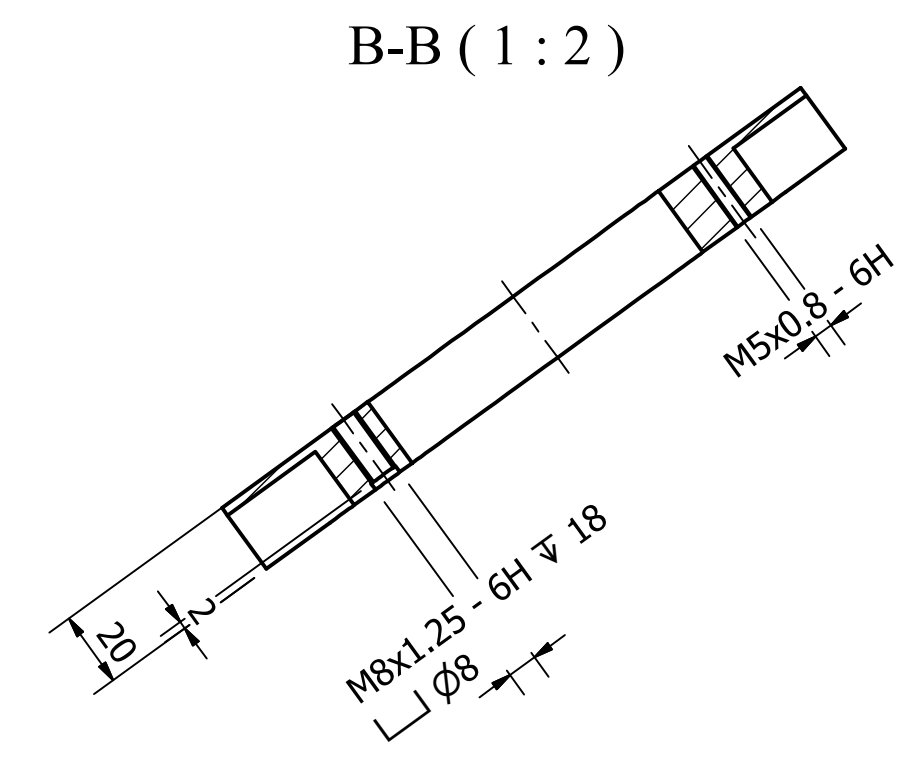
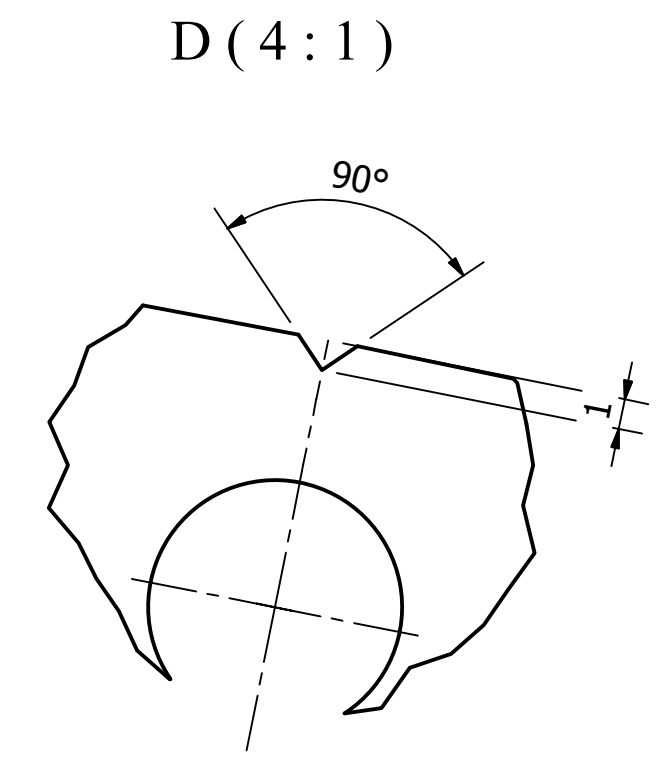
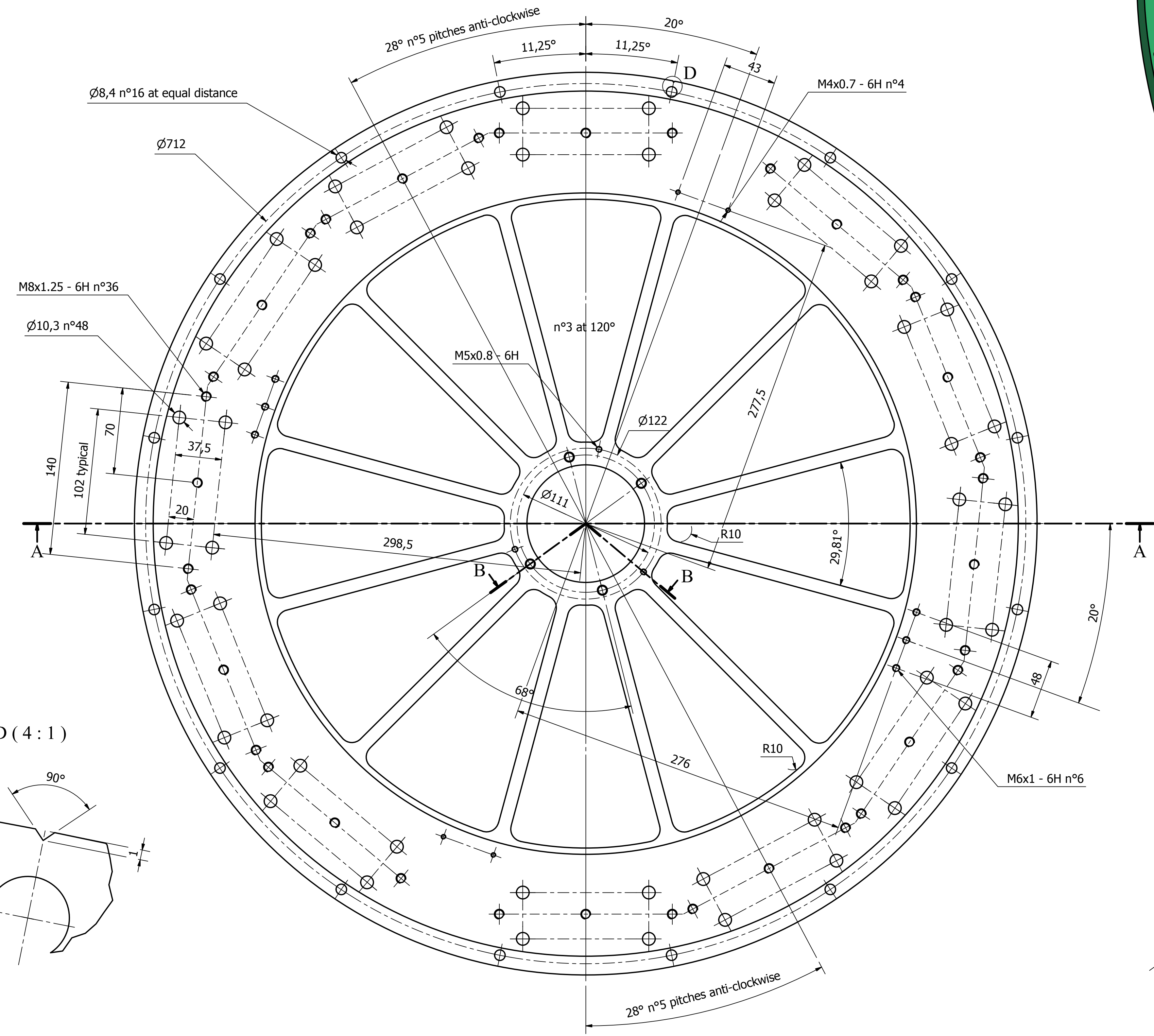
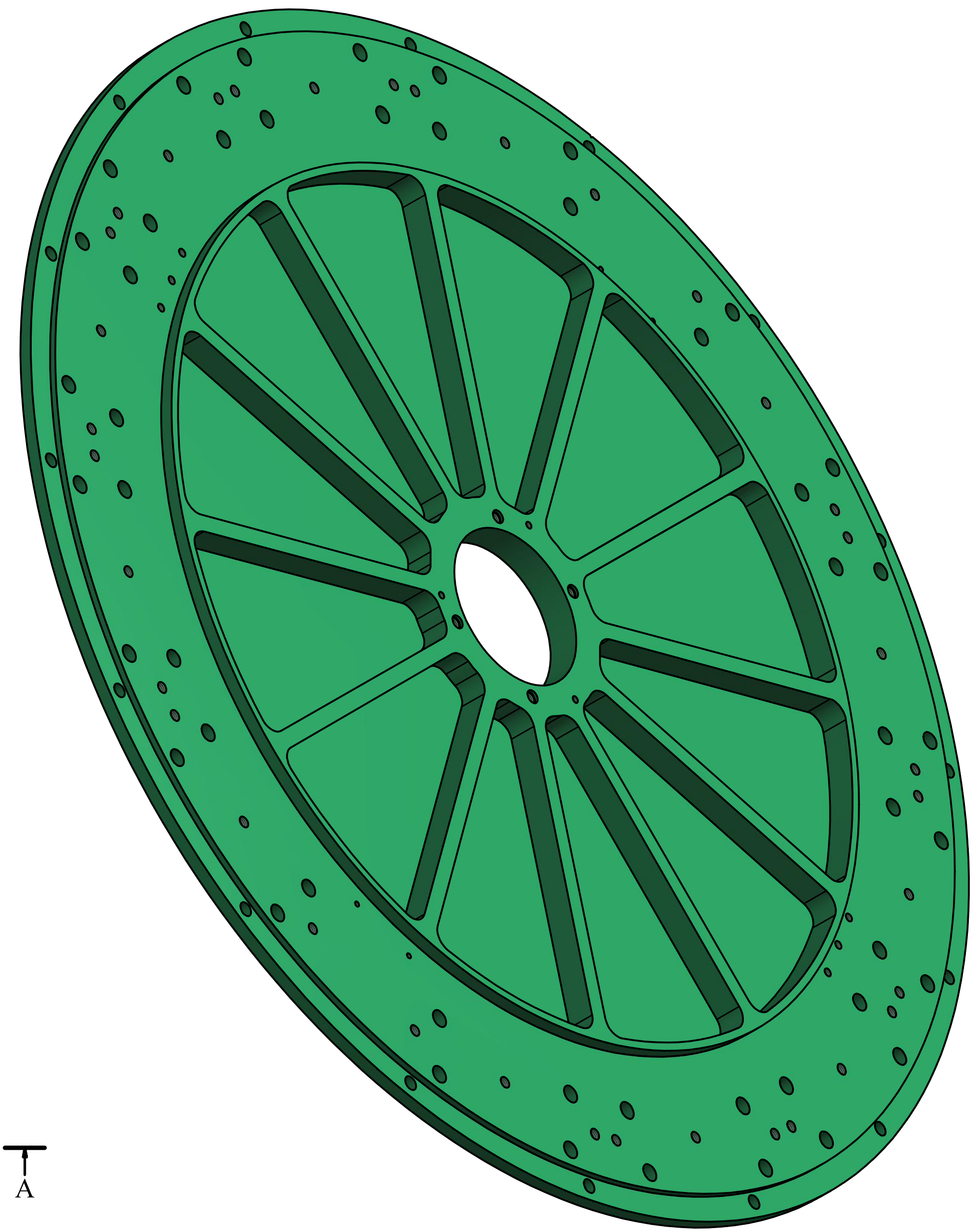
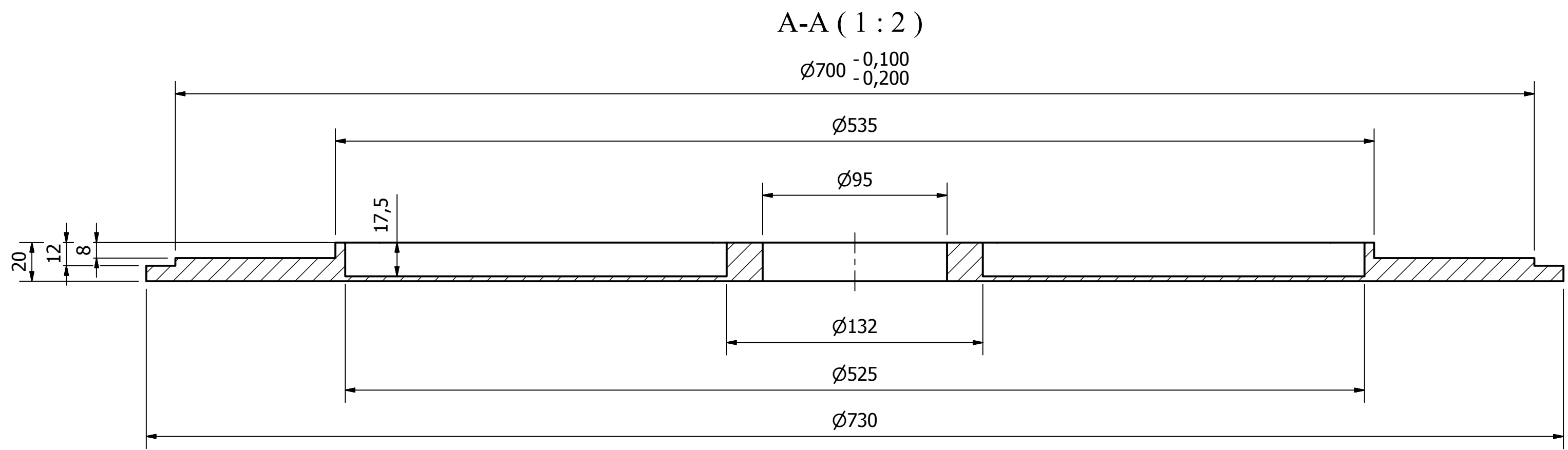
Elenco parti			
ELEMENTO	QTÀ	NUMERO PARTE	DESCRIZIONE
1	6	ISO 4762 - M3 x 12	Viti con esagono incassato - Grado prodotto A
15	2	ISO 7045 - M2,5 x 6 - 4.8 - H	Vite a testa bombata con impronta a croce di tipo H - Grado prodotto A
19	2	CNS 4482 - M3 x 5	Vite con esagono incassato
20	1	CNS 4482 - M4 x 6	Vite con esagono incassato

modified all mounting		16-12-10
ref.	note	date
modifications		
20.1	0015	Wand ring clamp
33	0015	Wand flexure clamp
32	0015	Wand bottom flexure
31	0015	Wand flexure
30	0015	Wand counterweight lock nut
29	0015	Wand counterweight
28	0016	Wand counterweight thread
27	0016	Wand flexure clamp
26	0015	Wand tip flexure
25	0016	Wand flexure stiffener 2
24	0016	Wand flexure stiffener 1
23	0016	Wand tip clamp
22	0016	Wand tip
21	0016	Wand
20	0015	Wand clamp
19	0015	Wand base
ref.	draw.	legend
	DESIGNED FOR R. De Salvo	
	DESIGN G. Gennaro	
	DATE 1-12-2010	SCALE 1:2
	ASS. NUMB. Filter st.0002-01	
TITLE LCGT-SAS FILTER STANDARD-Gr.1 ASSEMBLING BALANCE		REPLACE DRAW.N° A2



Elenco parti			
ELEMENTO	QTÀ	NUMERO PARTE	DESCRIZIONE
1	2	ISO 4035 - M4	Dado esagonale
6	2	ISO 4762 - M4 x 6	Viti con esagono incassato - Grado prodotto A

See drawing 0000		
ref.	note	date
modifications		
37	0014	Compensator blade flexure
36	0014	Compensator blade clamp 2
35	0014	Compensator blade clamp 1
34	0014	Compensator bymetal blade
ref.	draw.	legend
TITLE		
LCGT-SAS FILTER STANDARG-Gr.1 CORRECTION TEMPERATURE		
DESIGNED FOR		
R. De Salvo		
DESIGN		
G. Gennaro		
DATE		
1-12-2010		
SCALE		
1:1		
ASS. NUMB.		
Filter st.0003-00		
REPLACE		
DRAW.N°		
A2		



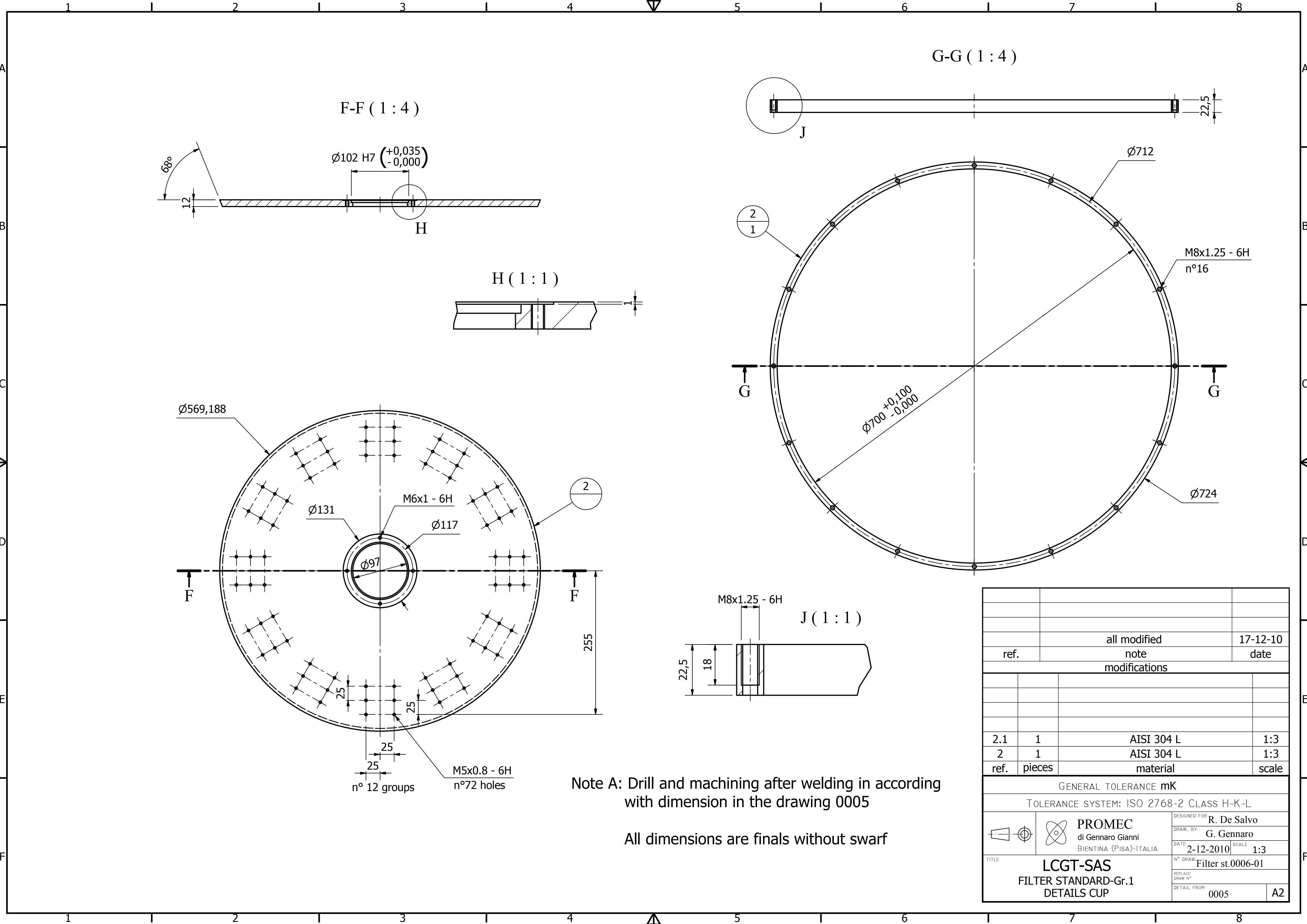
mass 36.553 Kg

ref.	note	date
modifications		
1	1	AISI 304
ref.	pieces	material
scale		
1:2		
GENERAL TOLERANCE mK		
TOLERANCE SYSTEM: ISO 2768-2 CLASS H-K-L		
DESIGNED FOR		
DRAW. BY		
G. Gennaro		
DATE		
1-12-2010		
SCALE		
1:2		
N° DRAW		
Filter st.0004-00		
REPLACE		
DRAW N°		
DETAIL FROM		
0000		
A1		

LCGT-SAS

FILTER STANDARD-Gr.1

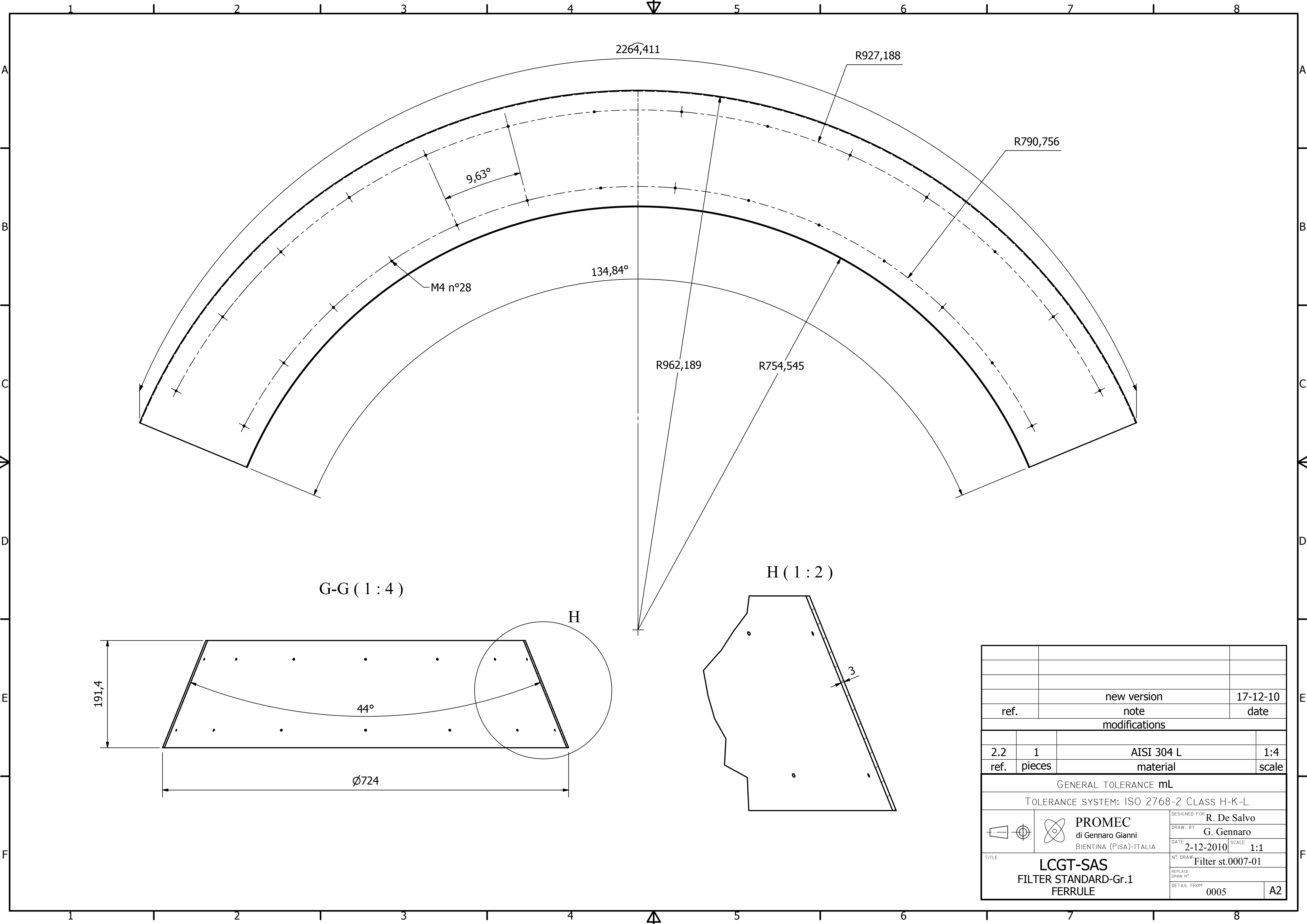
MAIN FILTER PLATFORM

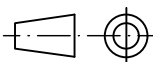


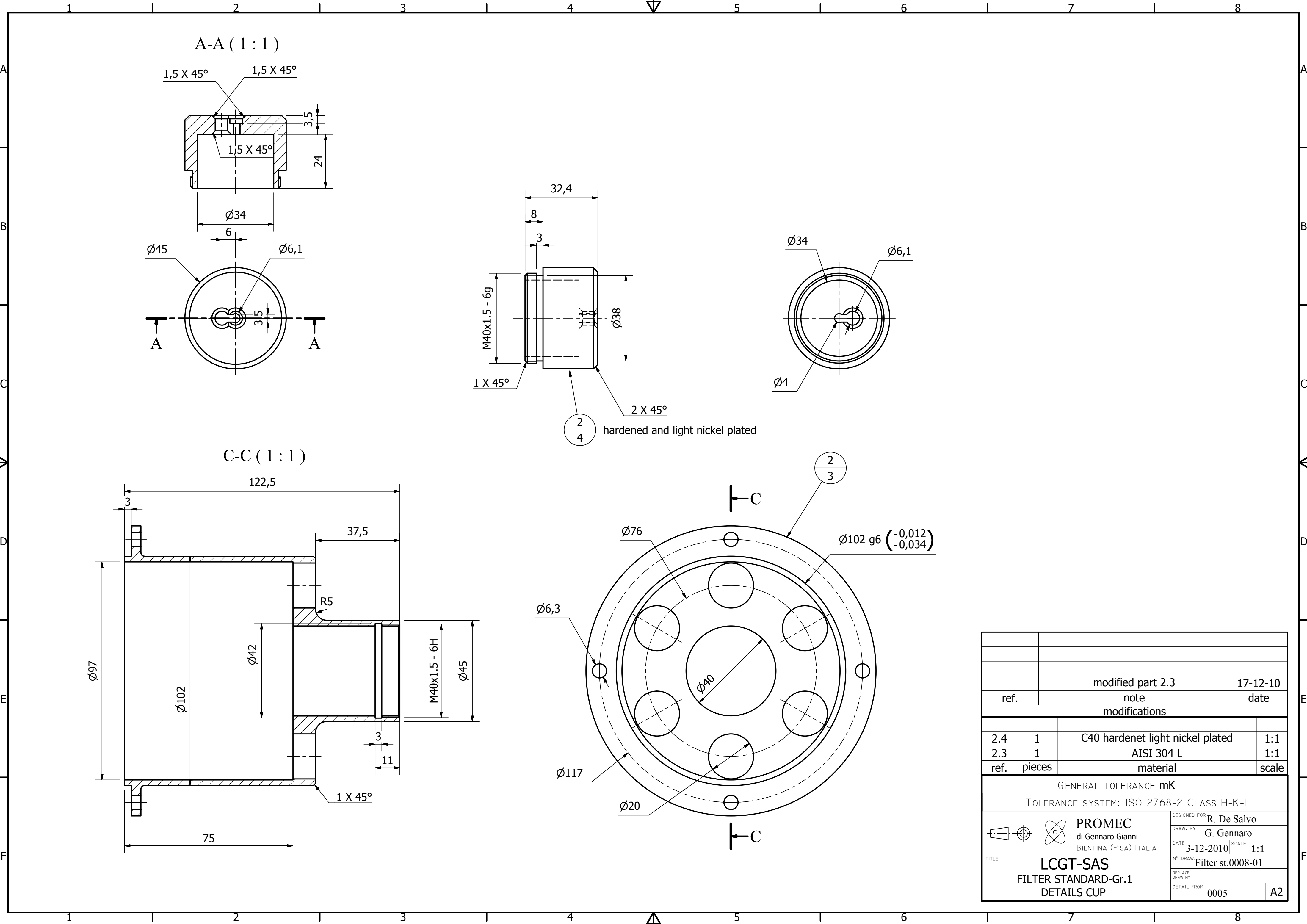
Note A: Drill and machining after welding in according with dimension in the drawing 0005

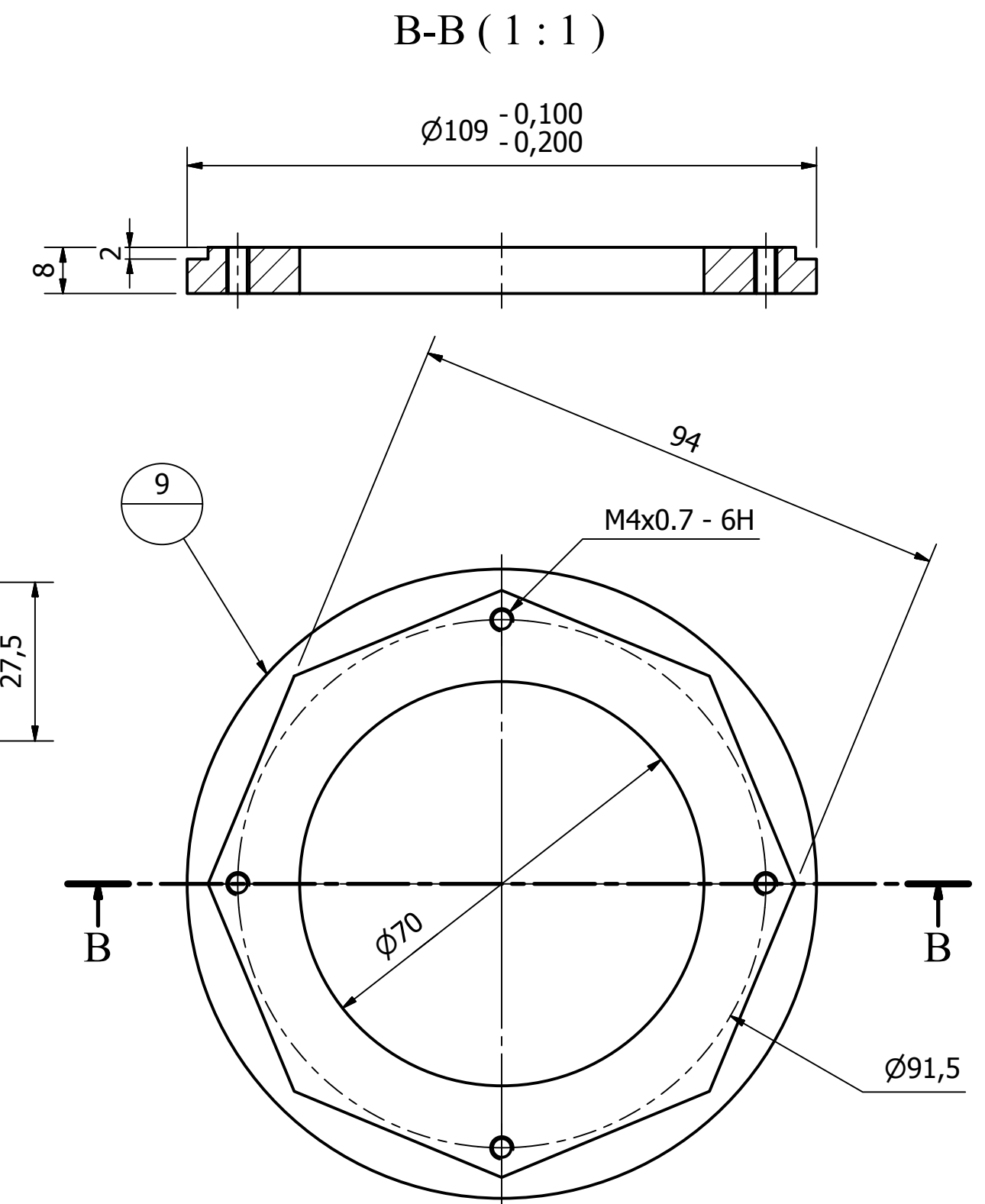
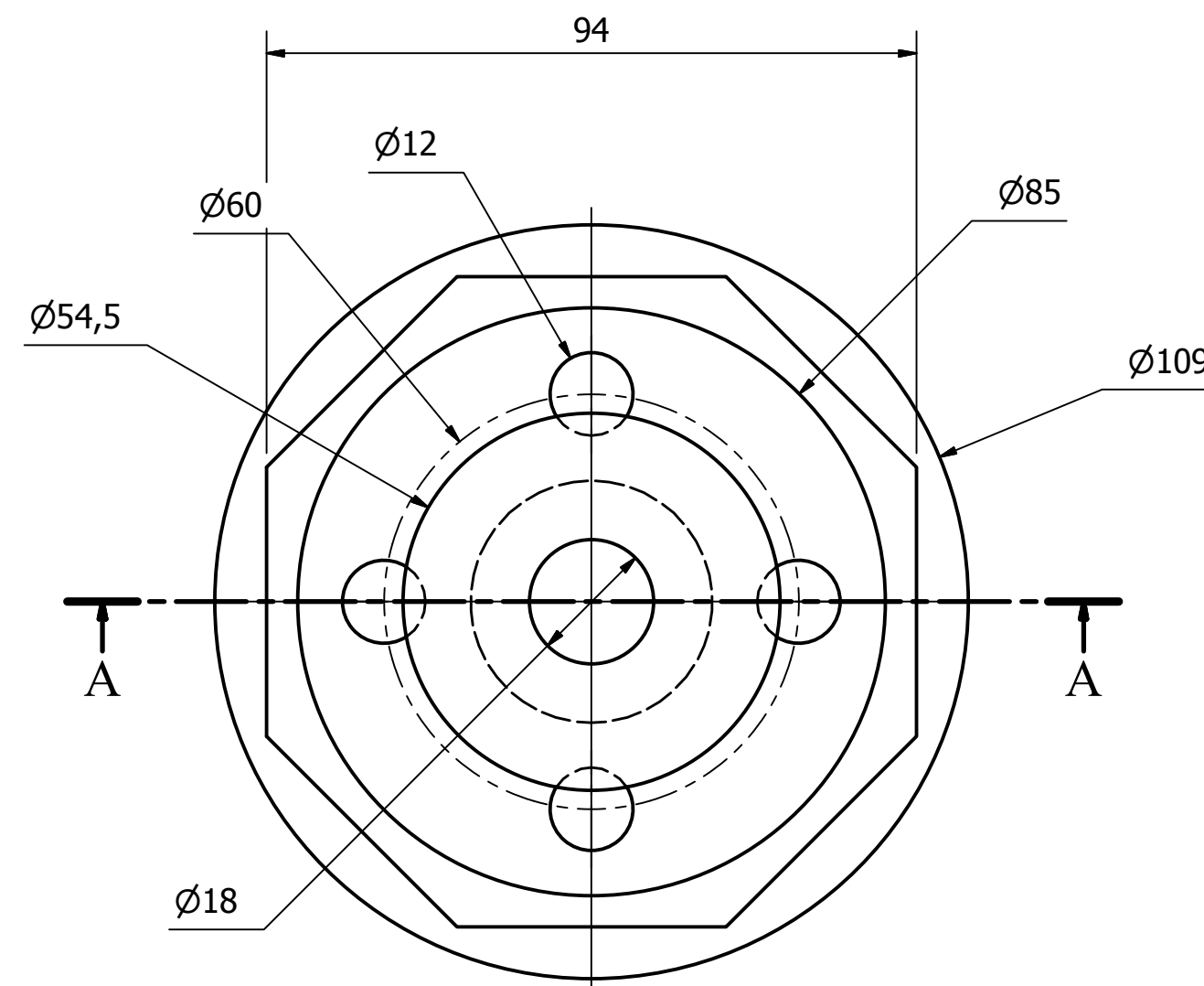
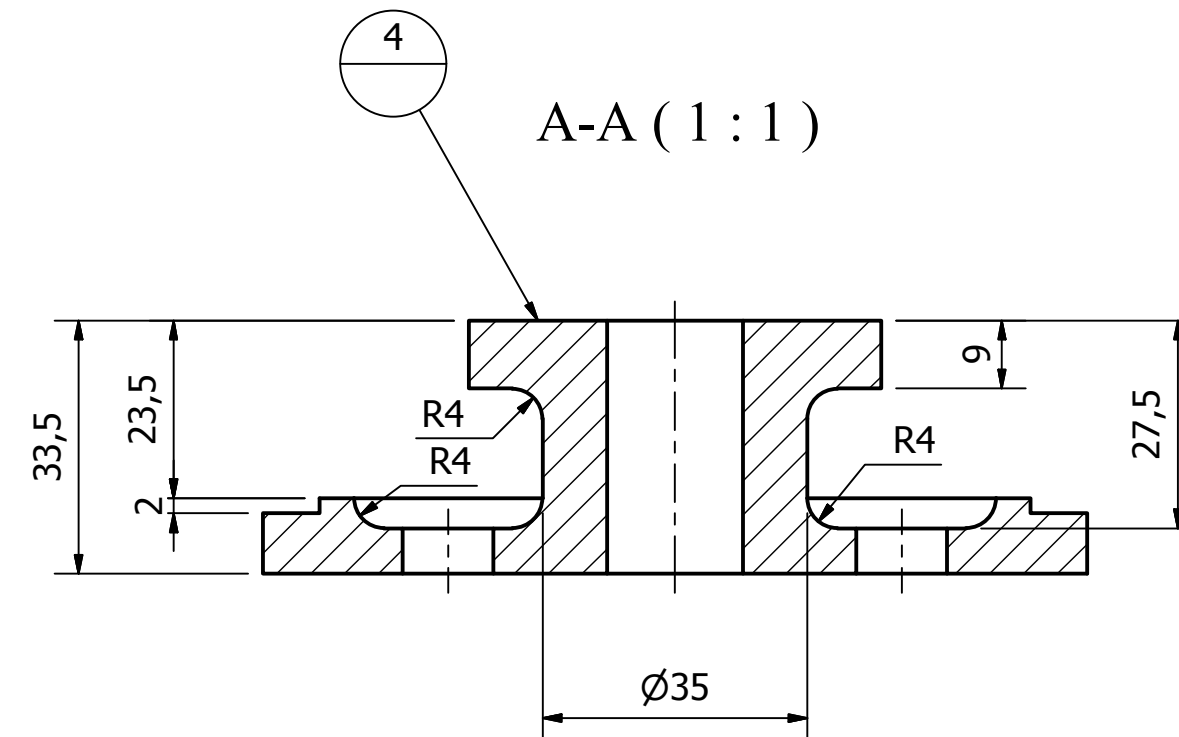
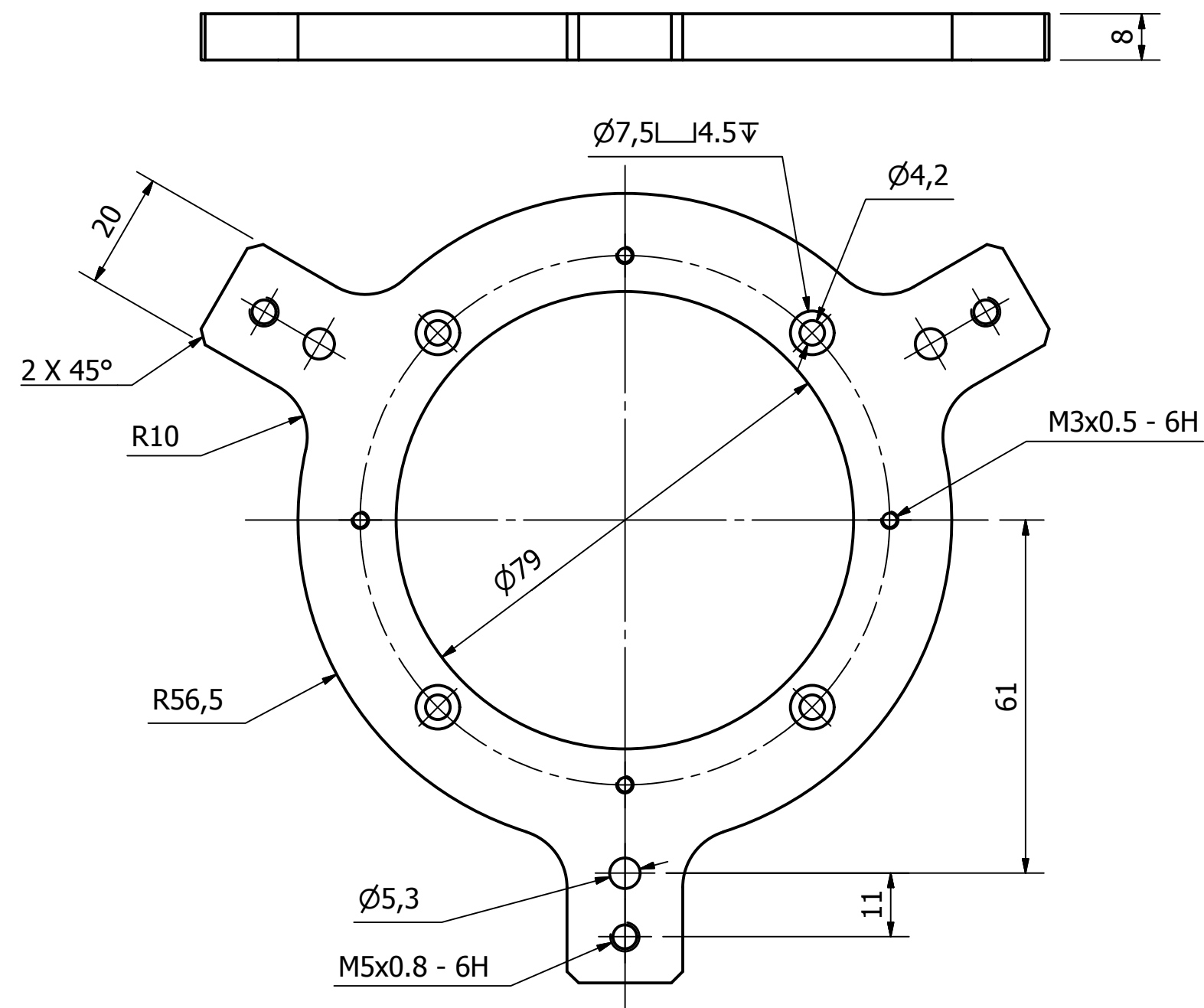
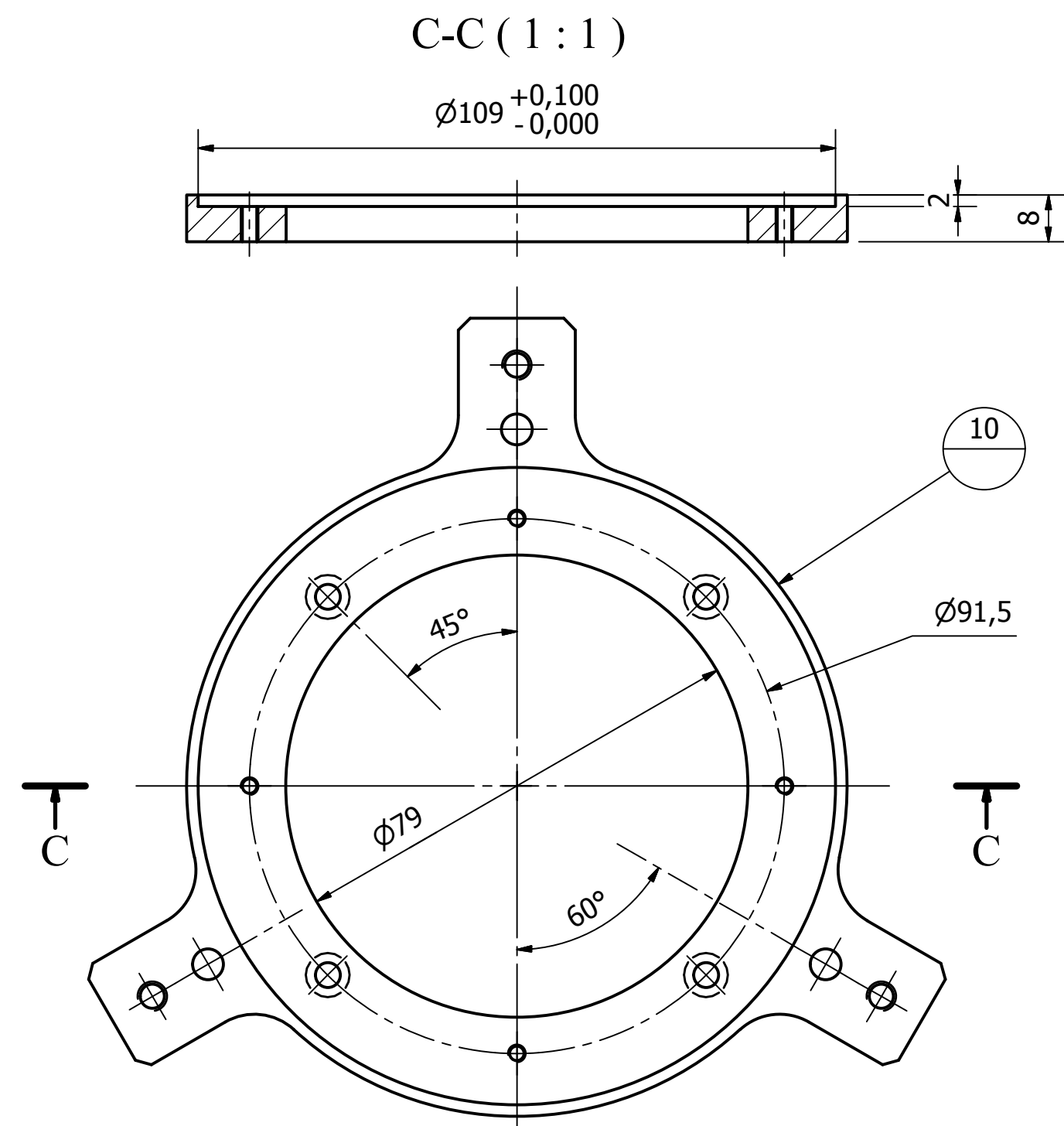
All dimensions are finals without swarf

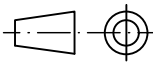
ref.		all modified note	17-12-10 date
modifications			
2.1	1	AISI 304 L	1:3
2	1	AISI 304 L	1:3
ref.	pieces	material	scale
GENERAL TOLERANCE mK			
TOLERANCE SYSTEM: ISO 2768-2 CLASS H-K-L			
	PROMEC di Gennaro Gianni BIENTINA (PISA)-ITALIA		DESIGNED FOR R. De Salvo
			DRAW. BY G. Gennaro
			DATE 2-12-2010 SCALE 1:3
			N° DRAW. Filter st.0006-01
TITLE		REPLACE DRAW N°	
LCGT-SAS		DETAIL FROM	
FILTER STANDARD-Gr.1		0005	
DETAILS CUP		A2	

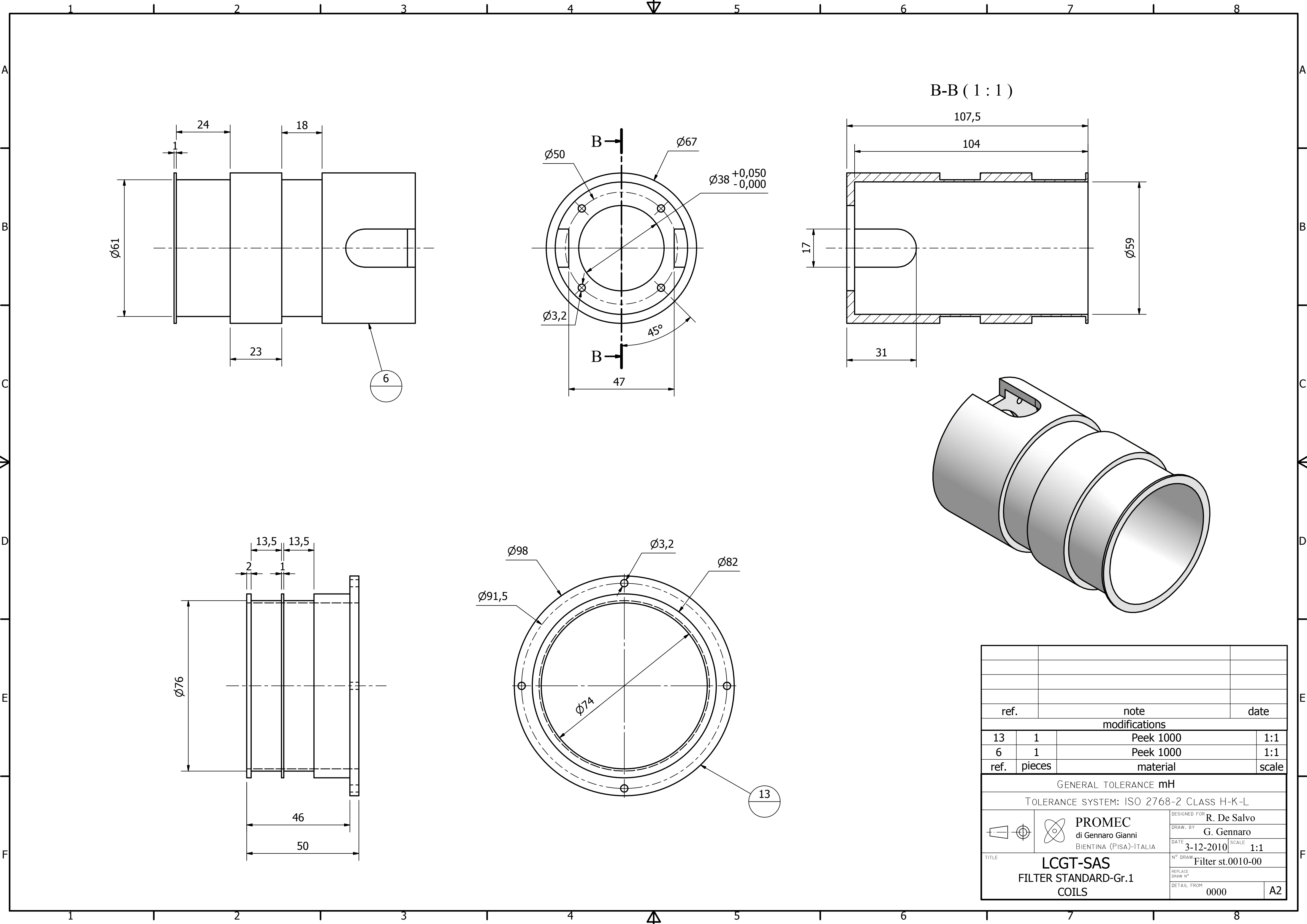


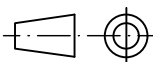
	new version		17-12-10
ref.	note		date
modifications			
2.2	1	AISI 304 L	1:4
ref.	pieces	material	scale
GENERAL TOLERANCE mL			
TOLERANCE SYSTEM: ISO 2768-2 CLASS H-K-L			
		DESIGNED FOR R. De Salvo	
		DRAW. BY G. Gennaro	
		DATE 2-12-2010	SCALE 1:1
		N° DRAW Filter st.0007-01	
TITLE LCGT-SAS FILTER STANDARD-Gr.1 FERRULE		REPLACE DRAW N° DETAIL FROM 0005	
		A2	

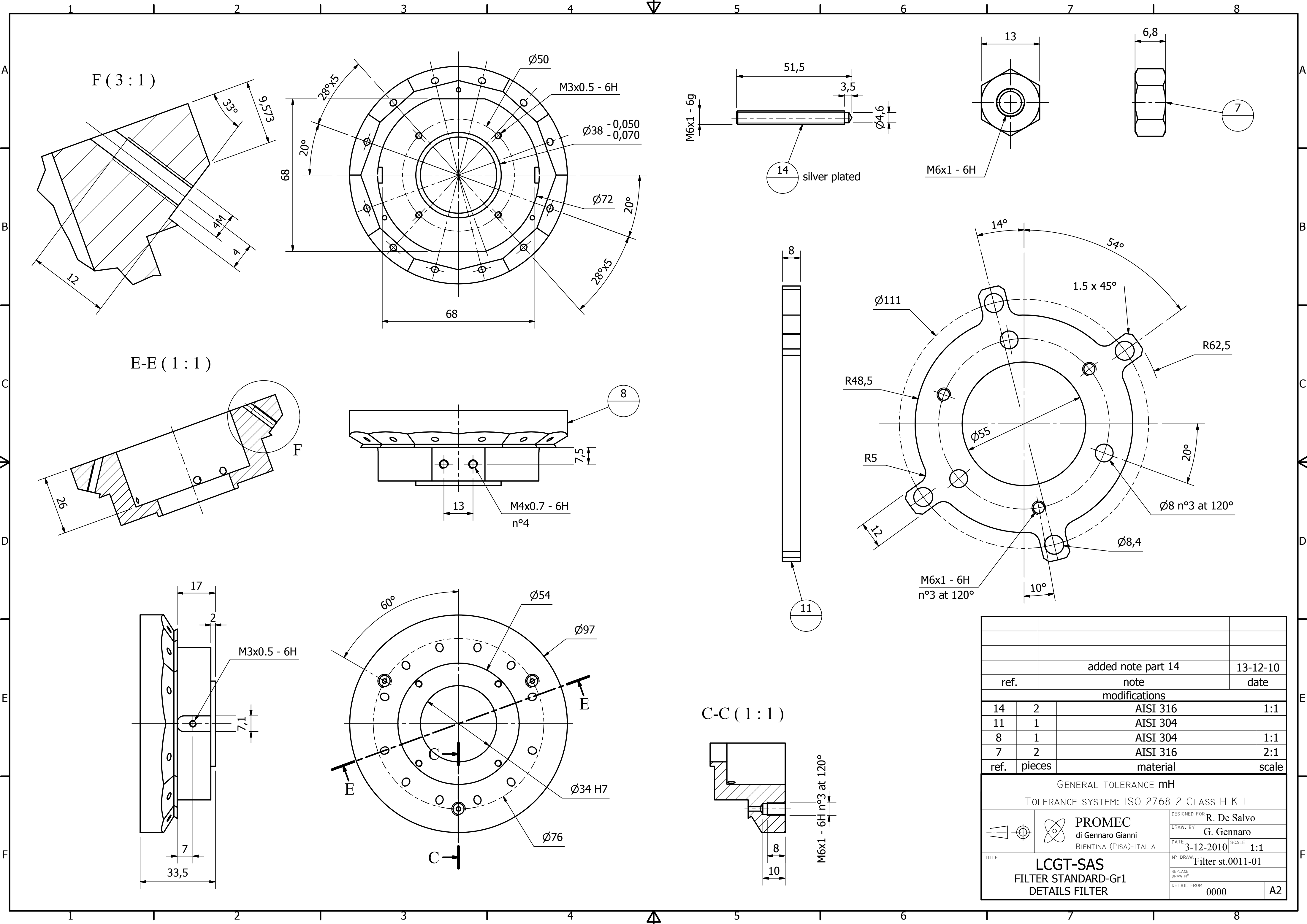


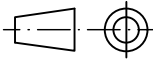


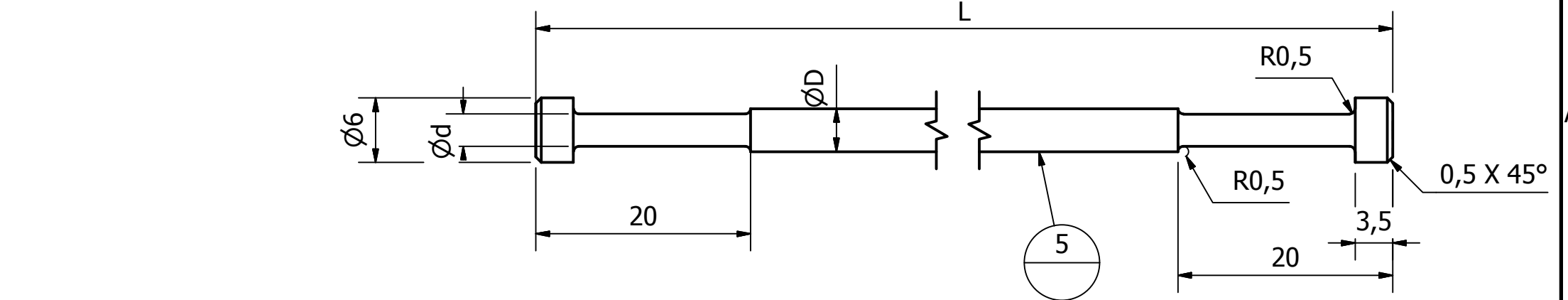
ref.		note	date
modifications			
10	1	AISI 304	1:1
9	1	ARMCO steel	1:1
4	1	ARMCO steel	1:1
ref.	pieces	material	scale
GENERAL TOLERANCE mH			
TOLERANCE SYSTEM: ISO 2768-2 CLASS H-K-L			
	 PROMEC di Gennaro Gianni BIENTINA (PISA)-ITALIA	DESIGNED FOR R. De Salvo DRAW. BY G. Gennaro DATE 3-12-2010 SCALE 1:1	
TITLE LCGT-SAS FILTER STANDARD-Gr1 DETAILS FILTER		N° DRAW. Filter st.0009-00	
		REPLACE DRAW N°	
		DETAIL FROM 0000	A2



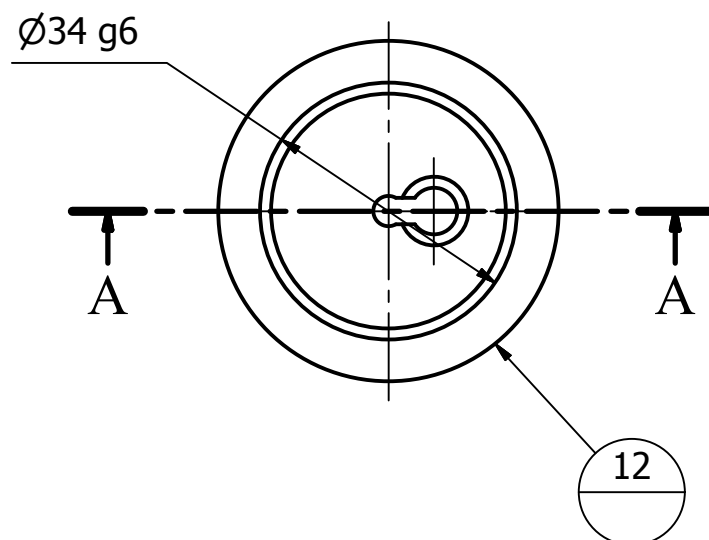
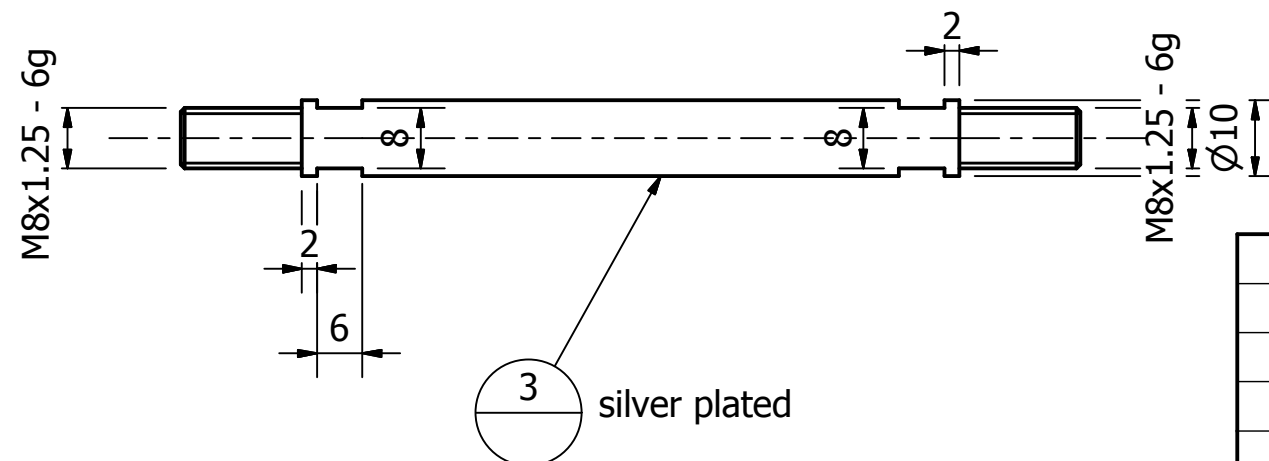
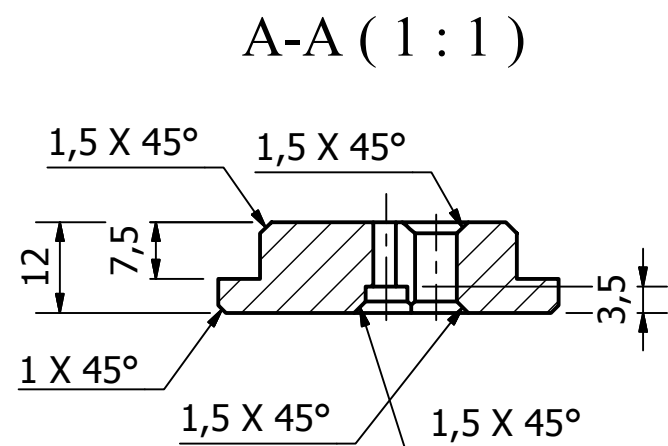
ref.		note	date
modifications			
13	1	Peek 1000	1:1
6	1	Peek 1000	1:1
ref.	pieces	material	scale
GENERAL TOLERANCE mH			
TOLERANCE SYSTEM: ISO 2768-2 CLASS H-K-L			
		DESIGNED FOR R. De Salvo	
		DRAW. BY G. Gennaro	
		DATE 3-12-2010	SCALE 1:1
		N° DRAW. Filter st.0010-00	
TITLE		REPLACE DRAW N°	
LCGT-SAS FILTER STANDARD-Gr.1 COILS		DETAIL FROM	
		0000	A2

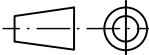


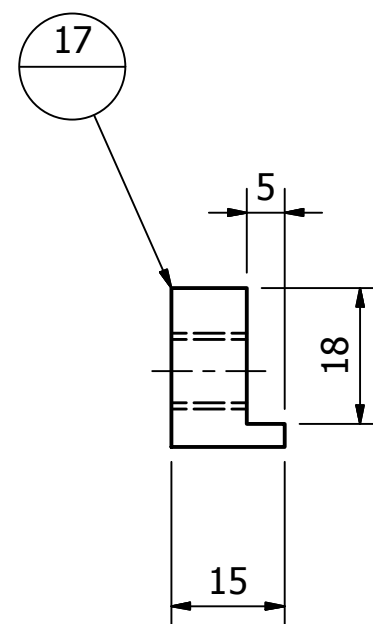
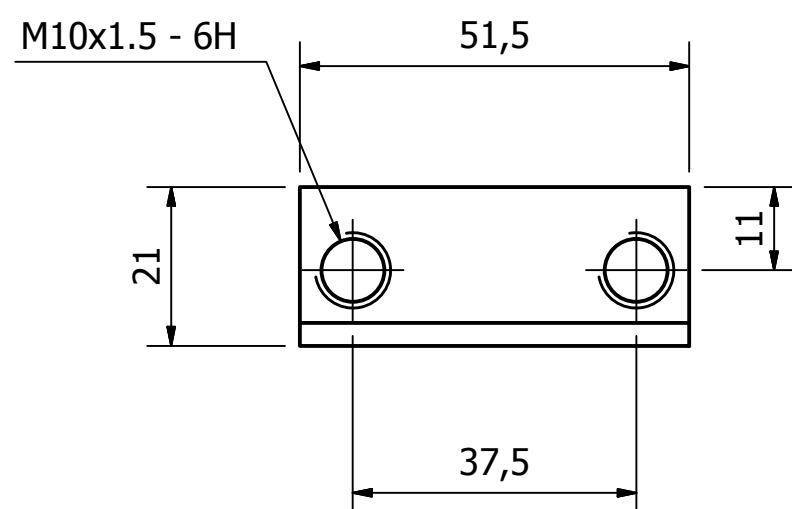
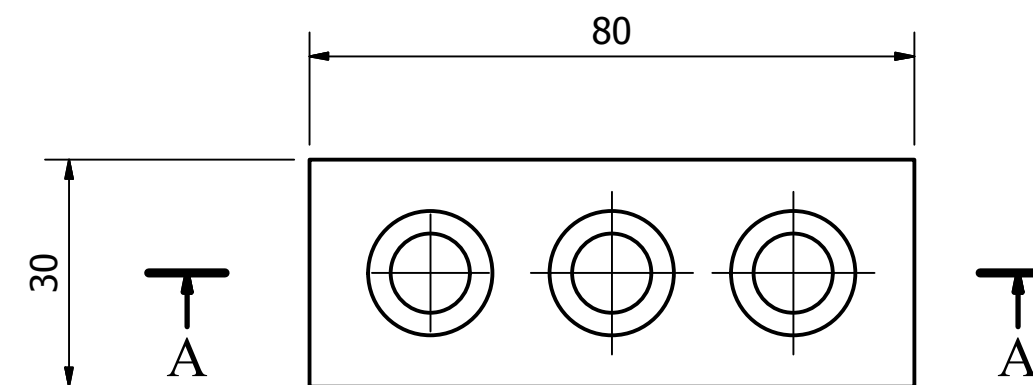
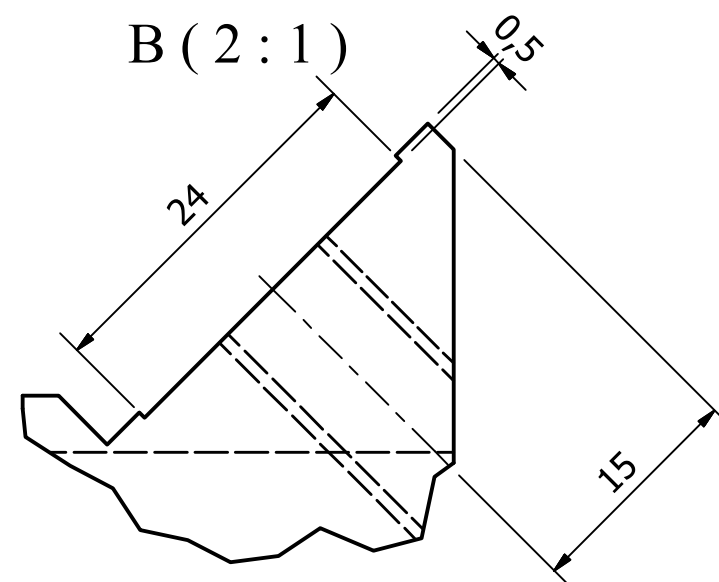
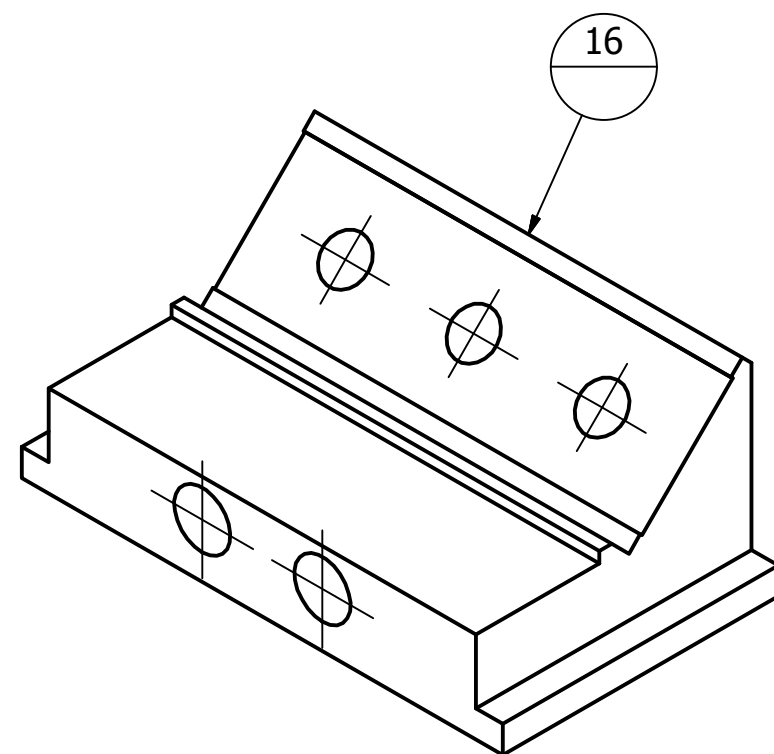
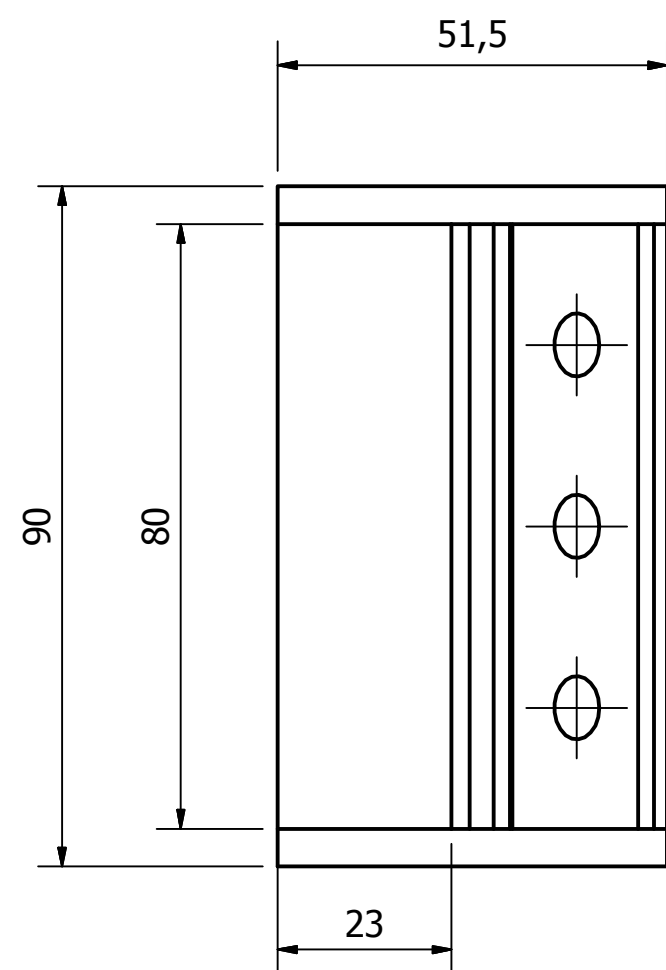
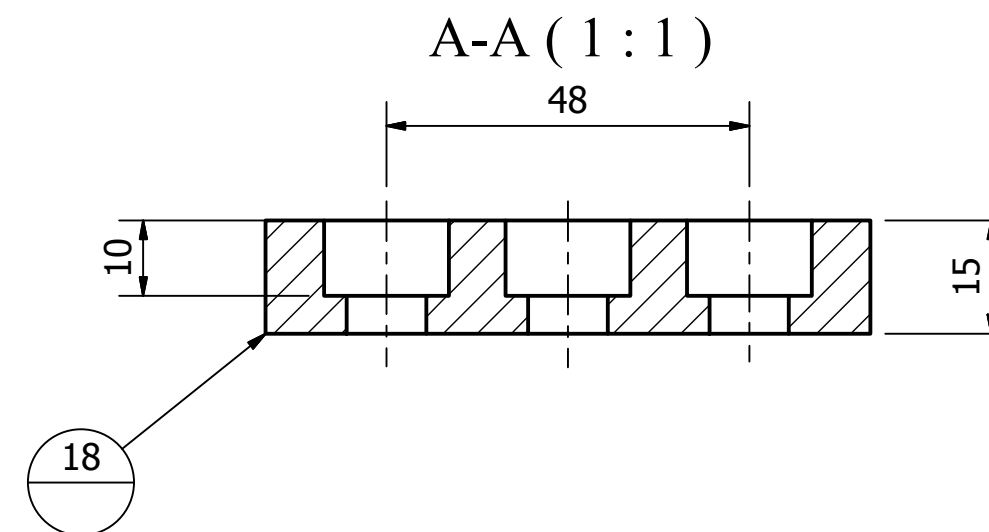
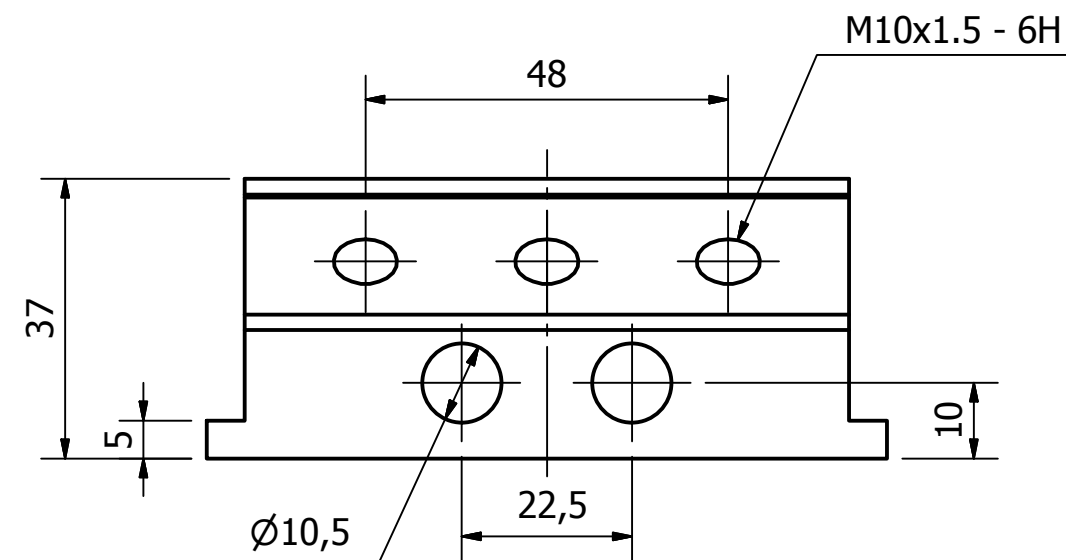
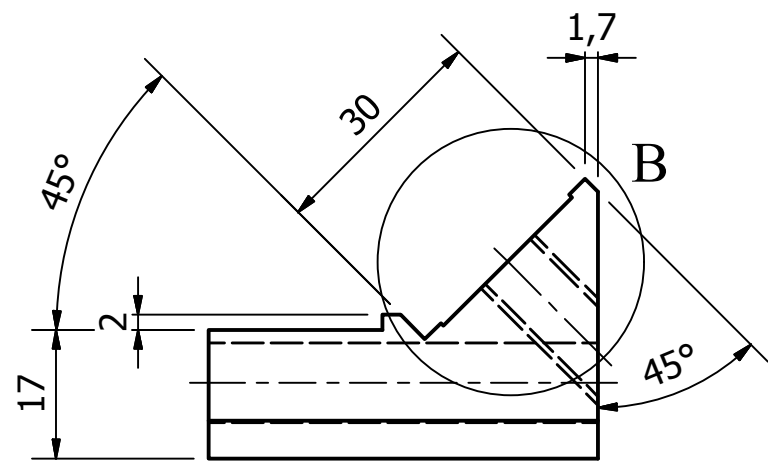
	added note part 14		13-12-10
ref.	note		date
modifications			
14	2	AISI 316	1:1
11	1	AISI 304	
8	1	AISI 304	1:1
7	2	AISI 316	2:1
ref.	pieces	material	scale
GENERAL TOLERANCE mH			
TOLERANCE SYSTEM: ISO 2768-2 CLASS H-K-L			
		DESIGNED FOR R. De Salvo	
		DRAW. BY G. Gennaro	
		DATE 3-12-2010	SCALE 1:1
TITLE LCGT-SAS FILTER STANDARD-Gr1 DETAILS FILTER		N° DRAW Filter st.0011-01	
		REPLACE DRAW N°	
		DETAIL: FROM 0000	
			A2

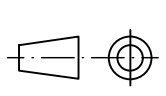


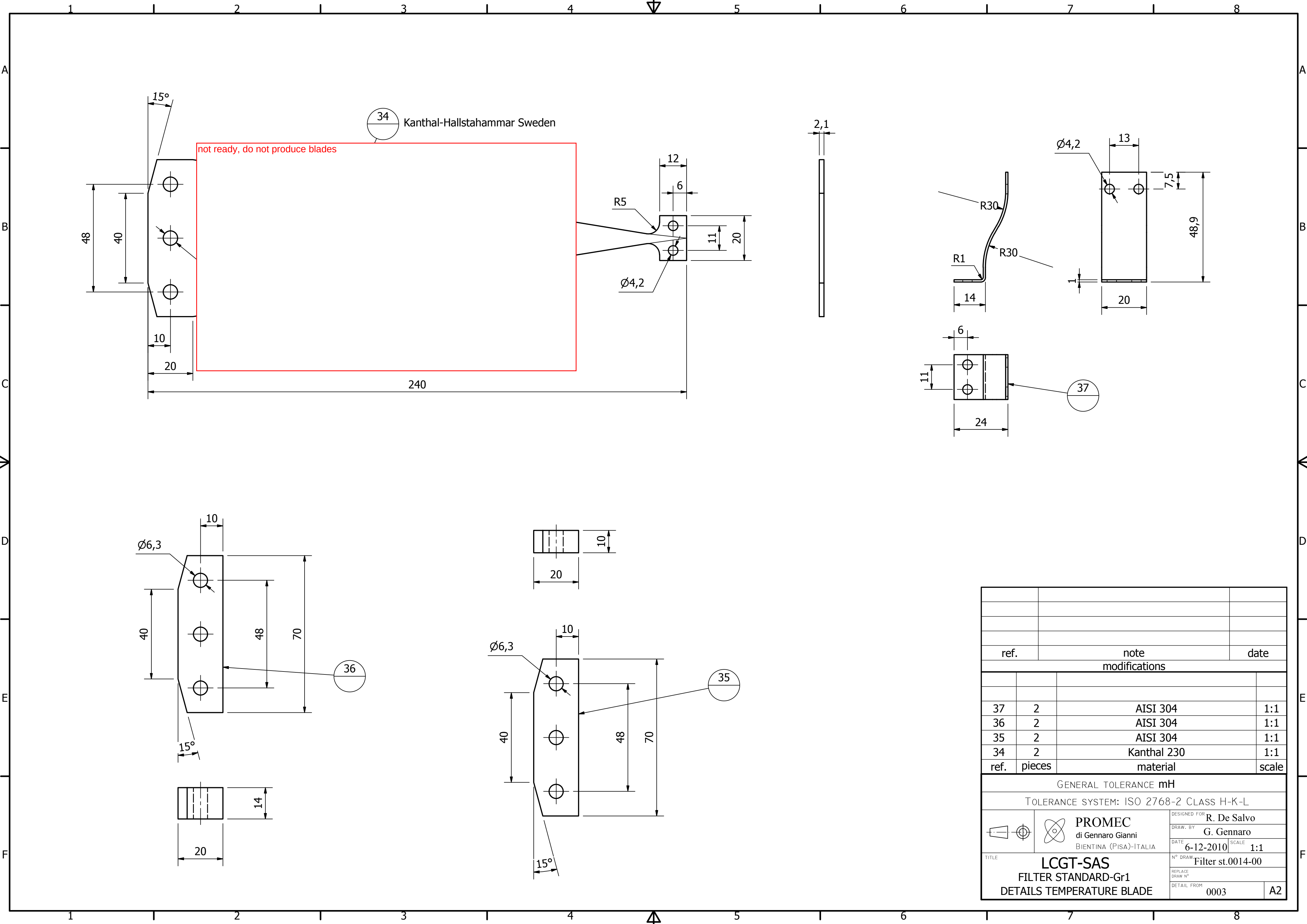
n°	L	d	D
1	2100	3.74 ?	3.74
2	2100	3.44 ?	3.74
3	2100	3.11	3.74
4	2100	2.74	2.94
5	1000	2.45	2.45

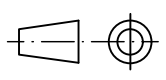


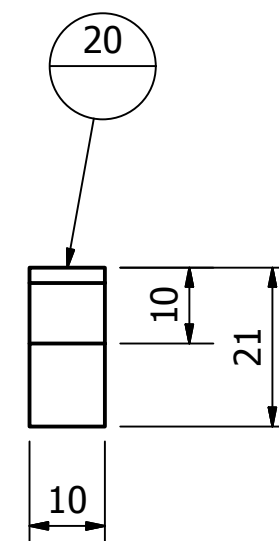
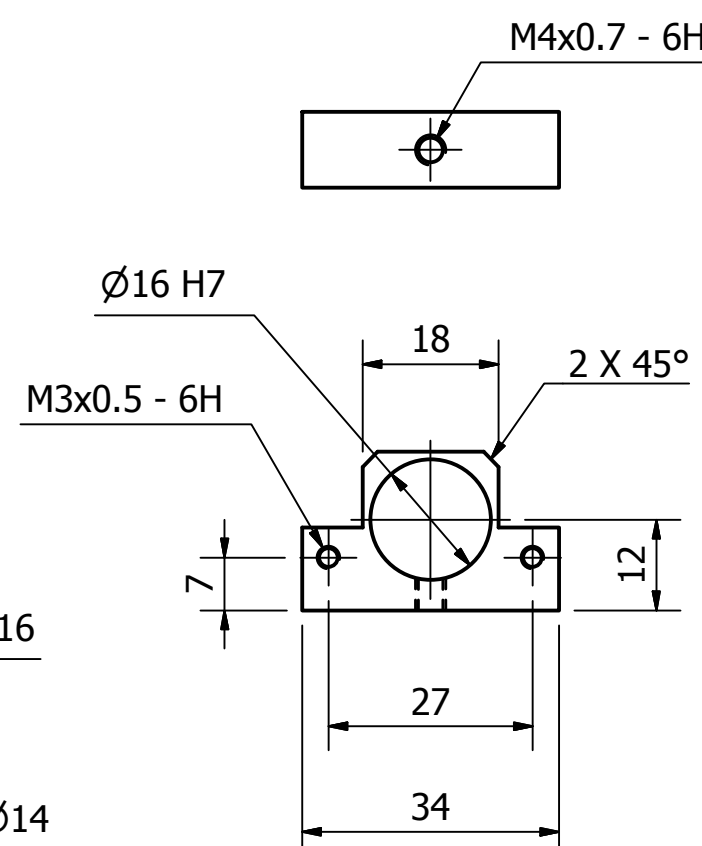
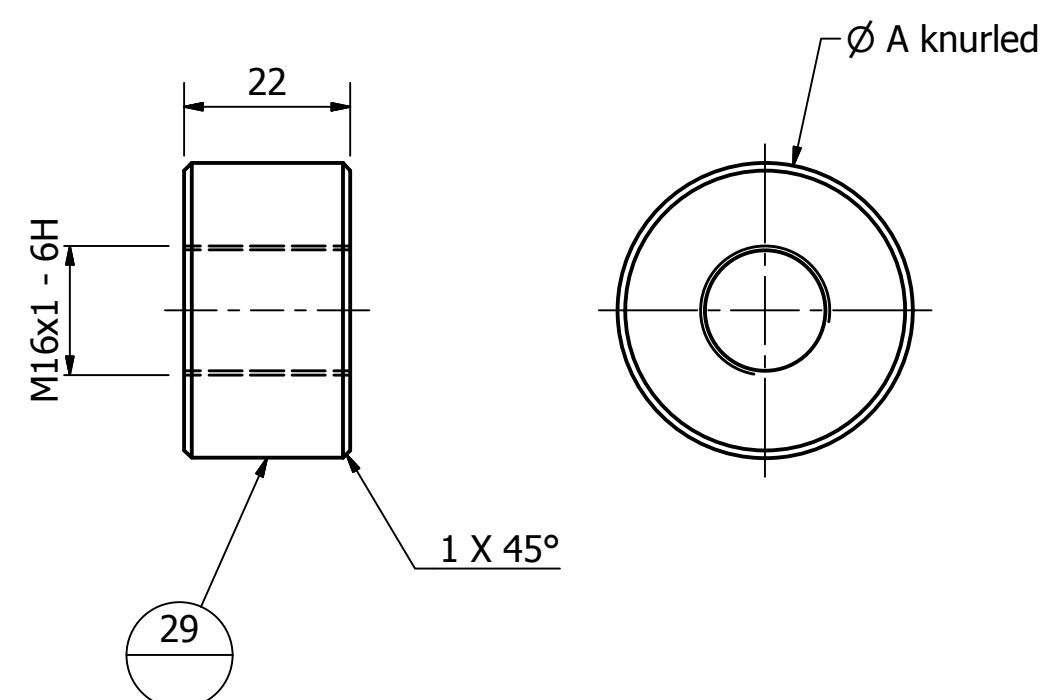
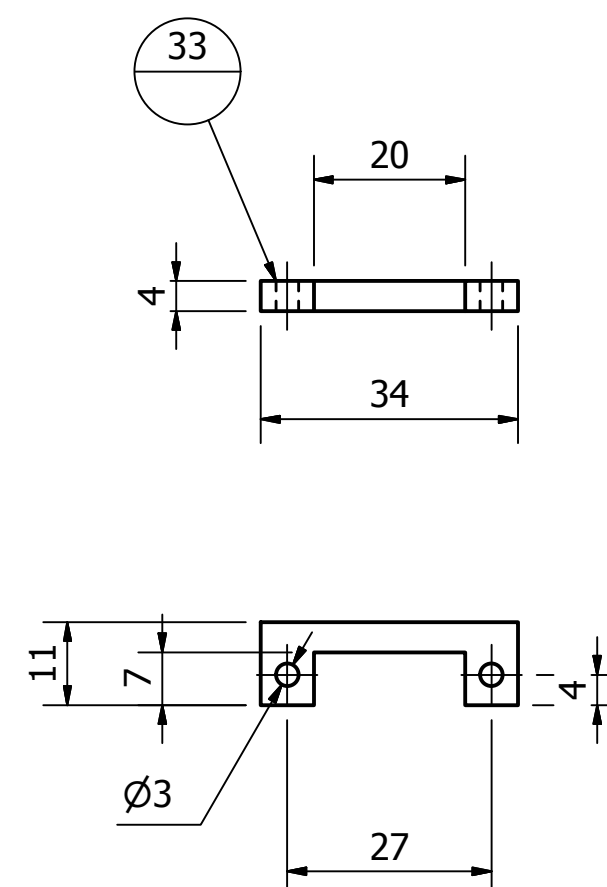
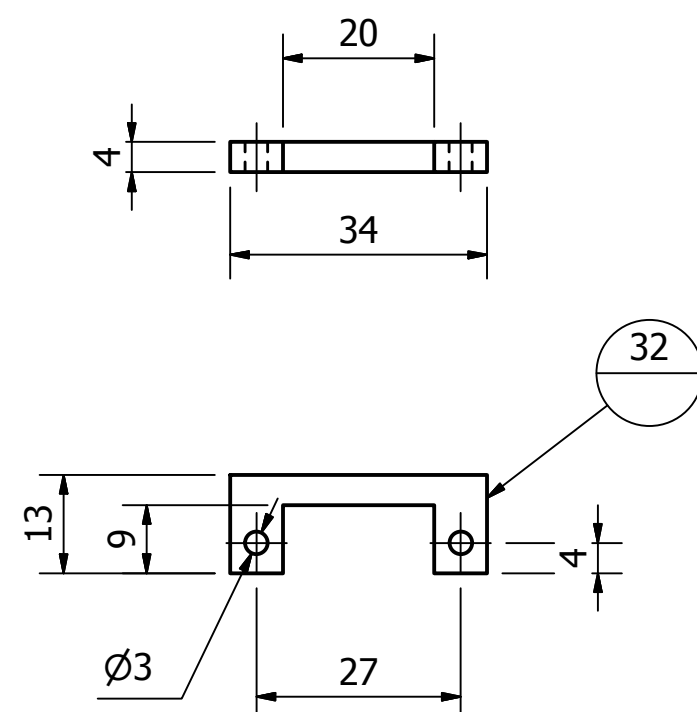
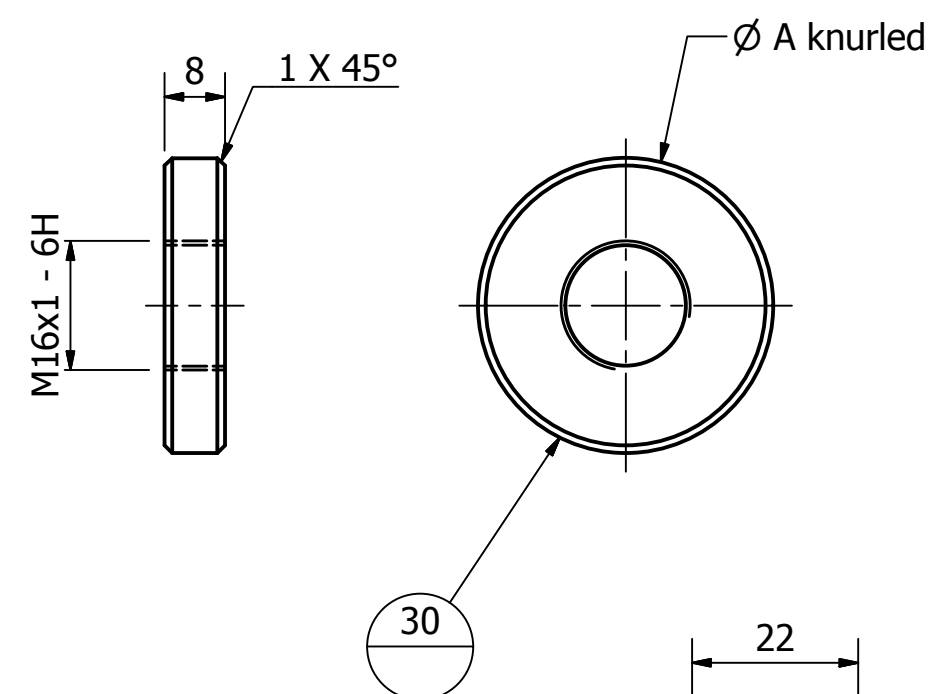
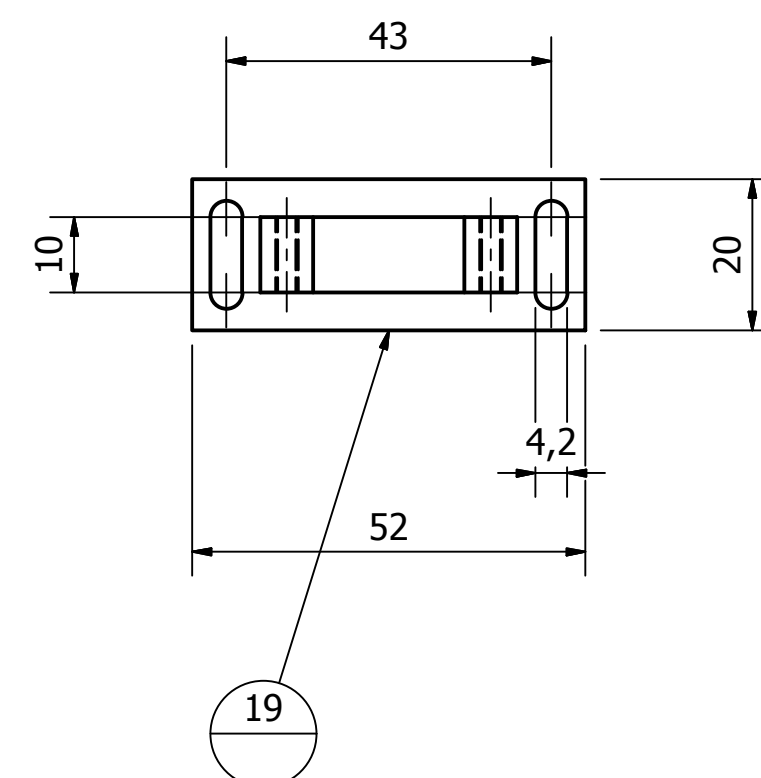
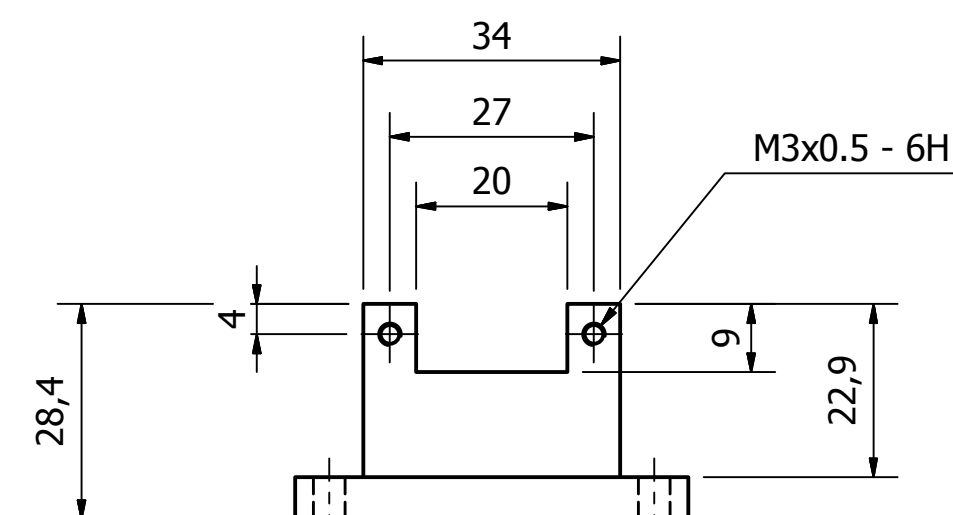
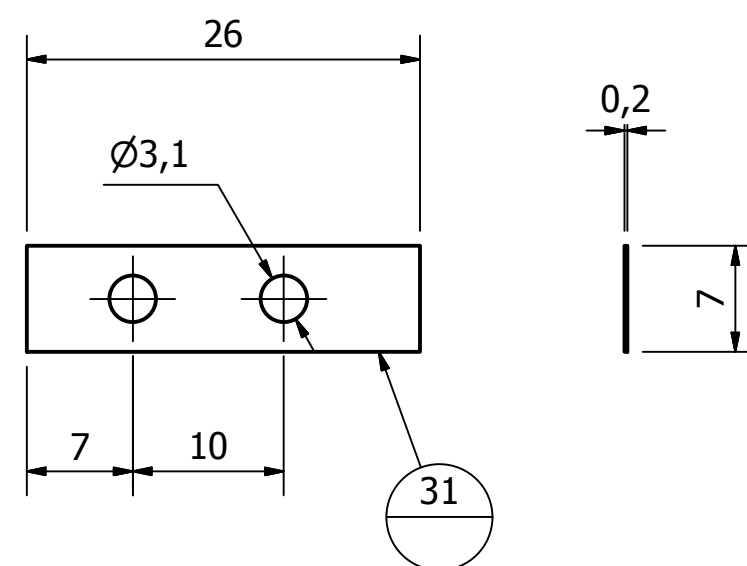
	added note part 3	13-12-10
ref.	note	date
modifications		
12	1	C40 hardened light nickel plated
5	X	maraging
3	4	AISI 304
ref.	pieces	material
		scale
GENERAL TOLERANCE mH		
TOLERANCE SYSTEM: ISO 2768-2 CLASS H-K-L		
	 PROMEC di Gennaro Gianni BIENTINA (PISA)-ITALIA	DESIGNED FOR R. De Salvo DRAW. BY G. Gennaro DATE 3-12-2010 SCALE 1:1
TITLE LCGT-SAS FILTER STANDARD-Gr.1 DETAILS FILTER		N° DRAW. Filter st.0012-01 REPLACE DRAW N° DETAIL FROM 0000 A3



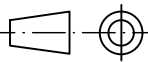
ref.		note	date
modifications			
18	X	AISI 304	1:1
17	X	AISI 304	1:1
16	X	AISI 304	1:1
ref.	pieces	material	scale
GENERAL TOLERANCE mH			
TOLERANCE SYSTEM: ISO 2768-2 CLASS H-K-L			
	DESIGNED FOR		R. De Salvo
	DRAW. BY		G. Gennaro
	DATE		5-12-2010
	SCALE		1:1
N° DRAW.		Filter st.0013-01	
REPLACE DRAW N°			
DETAIL FROM		0001	A2
TITLE			
LCGT-SAS			
FILTER STANDARD-Gr.1			
BLADE AND SUPPORT			

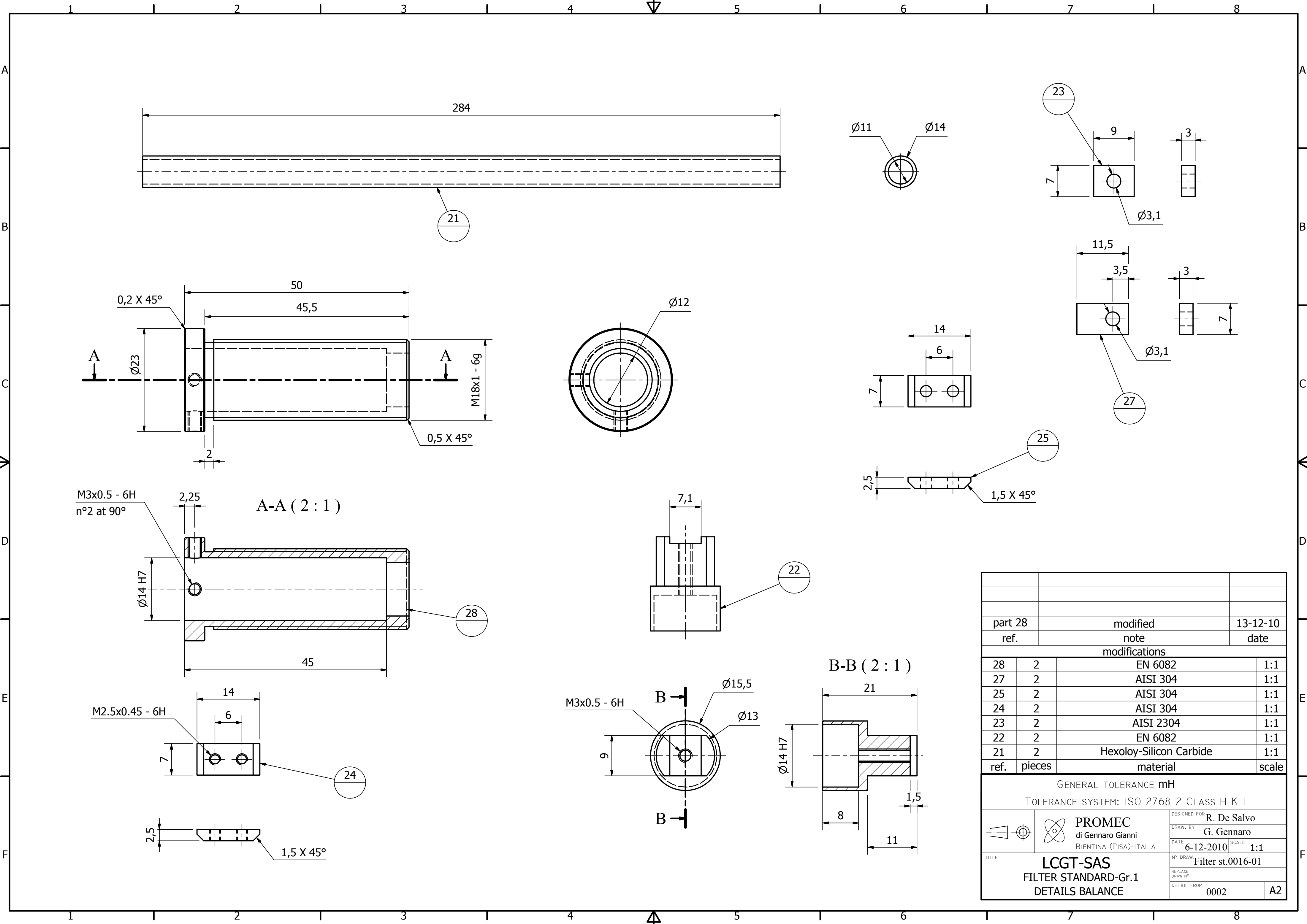


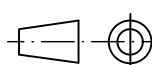
ref.		note	date
modifications			
37	2	AISI 304	1:1
36	2	AISI 304	1:1
35	2	AISI 304	1:1
34	2	Kanthal 230	1:1
ref.	pieces	material	scale
GENERAL TOLERANCE mH			
TOLERANCE SYSTEM: ISO 2768-2 CLASS H-K-L			
	DESIGNED FOR		R. De Salvo
	DRAW. BY		G. Gennaro
	DATE		6-12-2010
	SCALE		1:1
N° DRAW.		Filter st.0014-00	
REPLACE DRAW N°			
DETAIL FROM		0003	A2
TITLE			
LCGT-SAS			
FILTER STANDARD-Gr1			
DETAILS TEMPERATURE BLADE			

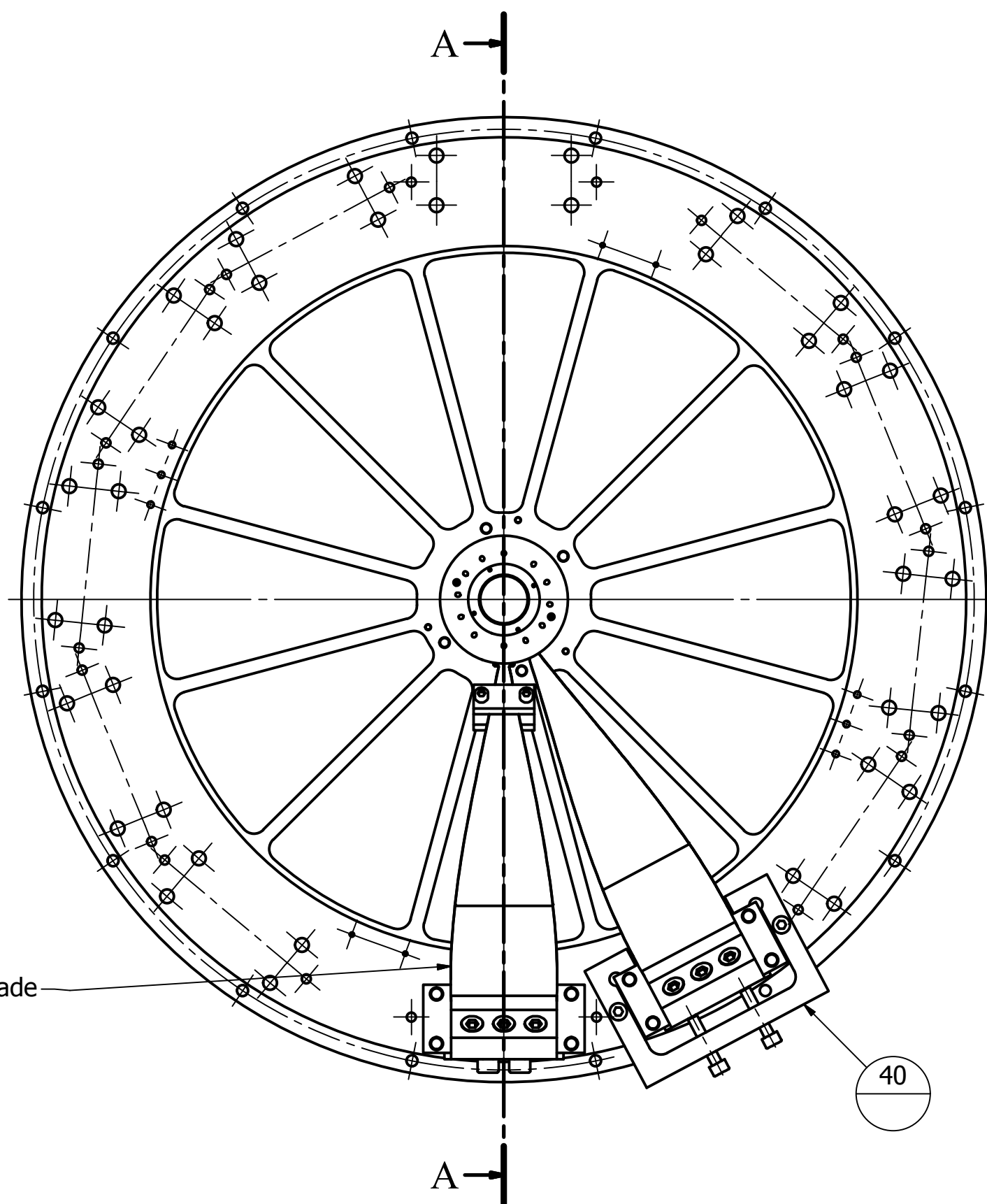
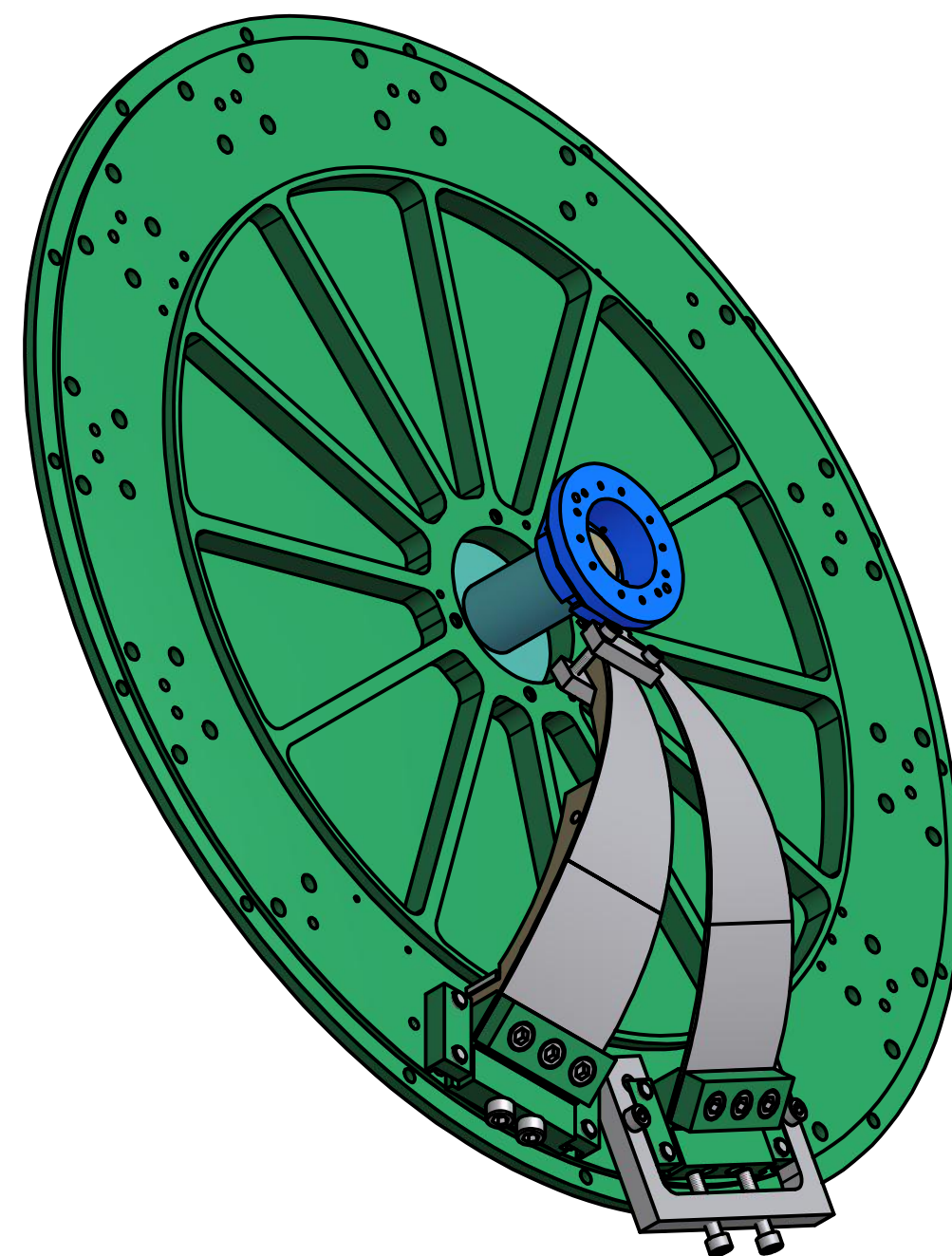
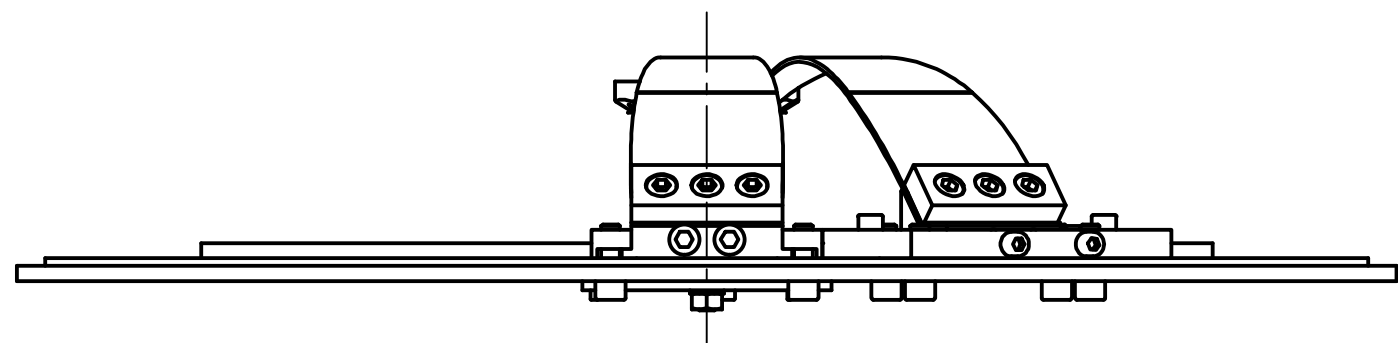


Dimension and mass parts 29 and 30			Filter with 12 blades	
part	Ø mm	mass Kg	Ø mm	mass Kg
29	39	0.172	46.5	0.259
30	39	0.062	46.5	0.093

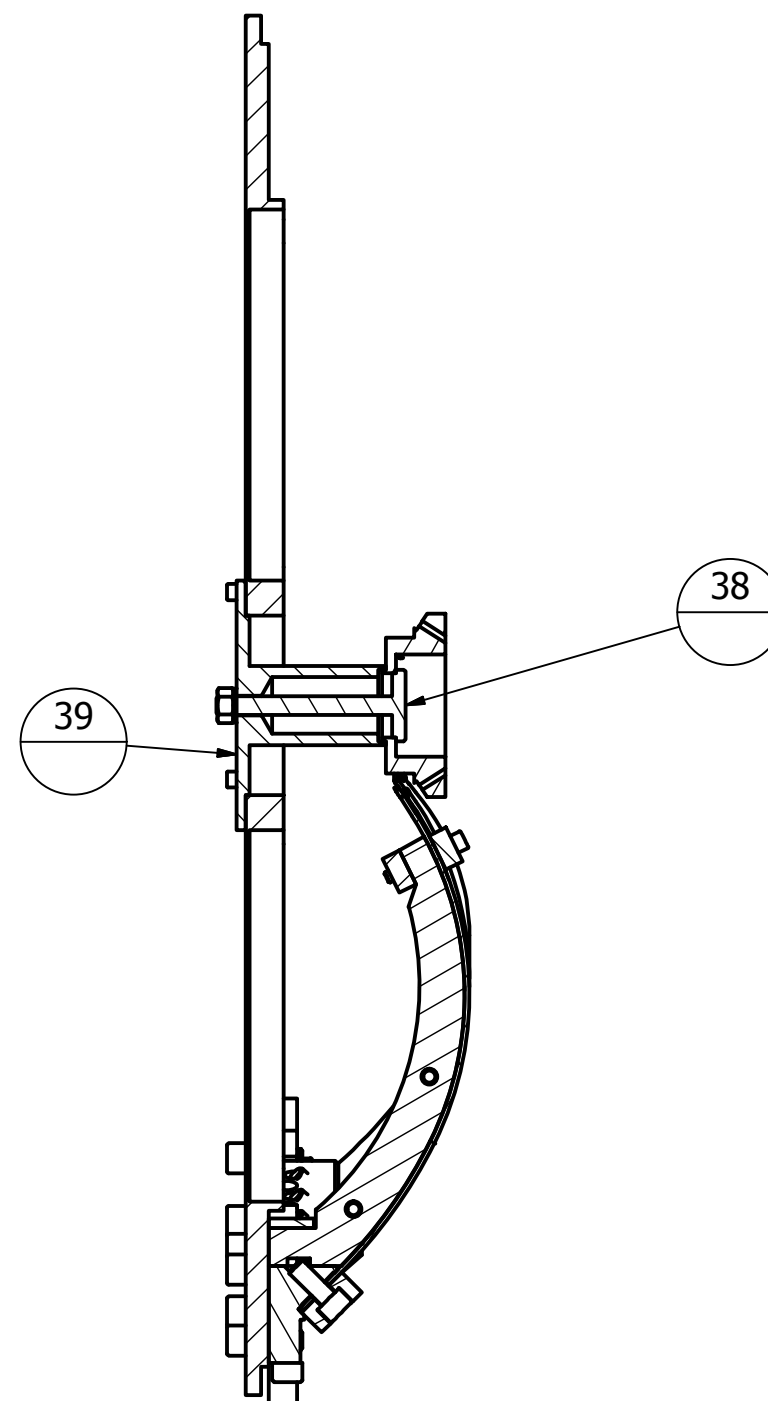
	modified 20 and added 20.1	13.12-10
ref.	note	date
modifications		
20.1	2	EN 6082
33	2	EN 6082
32	2	EN 6082
31	4	Spring steel
30	2	AISI 304
29	2	AISI 304
26	2	Spring steel
20	2	EN 6082
19	2	AISI 304
ref.	pieces	material
GENERAL TOLERANCE mH		
TOLERANCE SYSTEM: ISO 2768-2 CLASS H-K-L		
	 PROMEC di Gennaro Gianni BIENTINA (PISA)-ITALIA	DESIGNED FOR R. De Salvo DRAW. BY G. Gennaro DATE 6-12-2010 SCALE 1:1
TITLE	LCGT-SAS FILTER STANDARD-Gr.1 DETAILS BALANCE	N° DRAW Filter st.0015-01 REPLACE DRAW N° DETAIL FROM 0002
		A2



part 28		modified	13-12-10
ref.		note	date
modifications			
28	2	EN 6082	1:1
27	2	AISI 304	1:1
25	2	AISI 304	1:1
24	2	AISI 304	1:1
23	2	AISI 2304	1:1
22	2	EN 6082	1:1
21	2	Hexoloy-Silicon Carbide	1:1
ref.	pieces	material	scale
GENERAL TOLERANCE mH			
TOLERANCE SYSTEM: ISO 2768-2 CLASS H-K-L			
	DESIGNED FOR		R. De Salvo
	DRAW. BY		G. Gennaro
	DATE		6-12-2010
	SCALE		1:1
N° DRAW.		Filter st.0016-01	
TITLE		LCGT-SAS	
		FILTER STANDARD-Gr.1	
		DETAILS BALANCE	
		0002	A2



A-A (1 : 4)

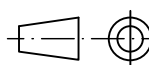


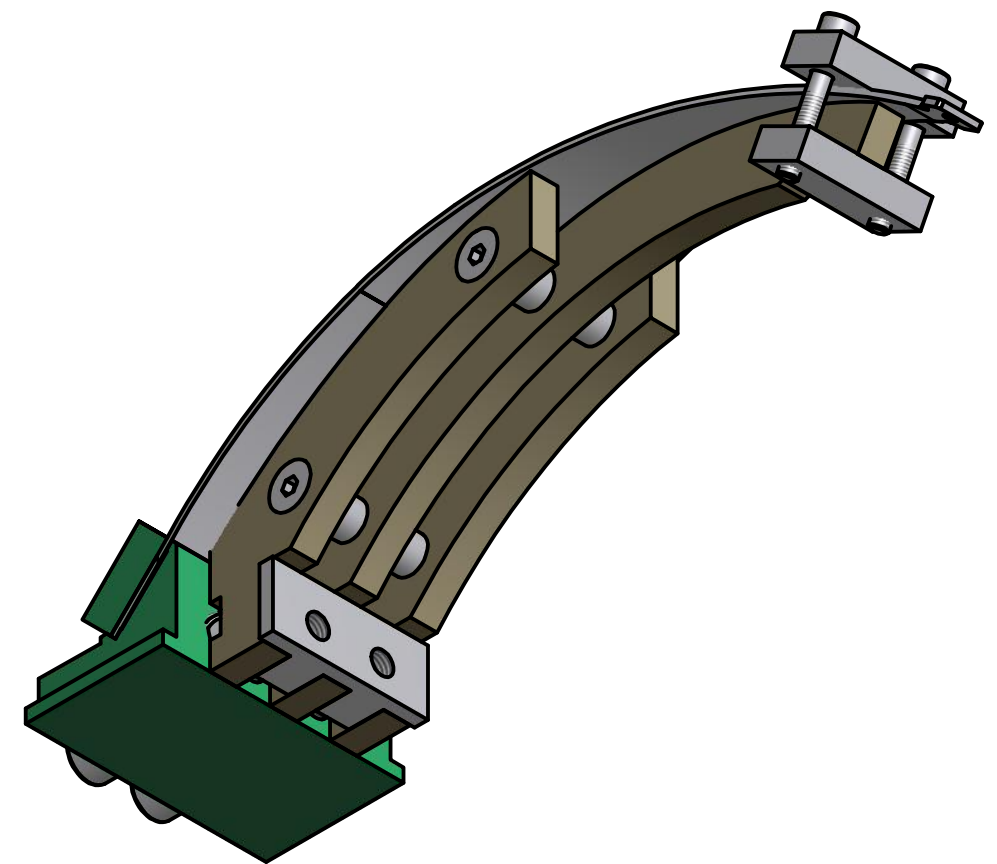
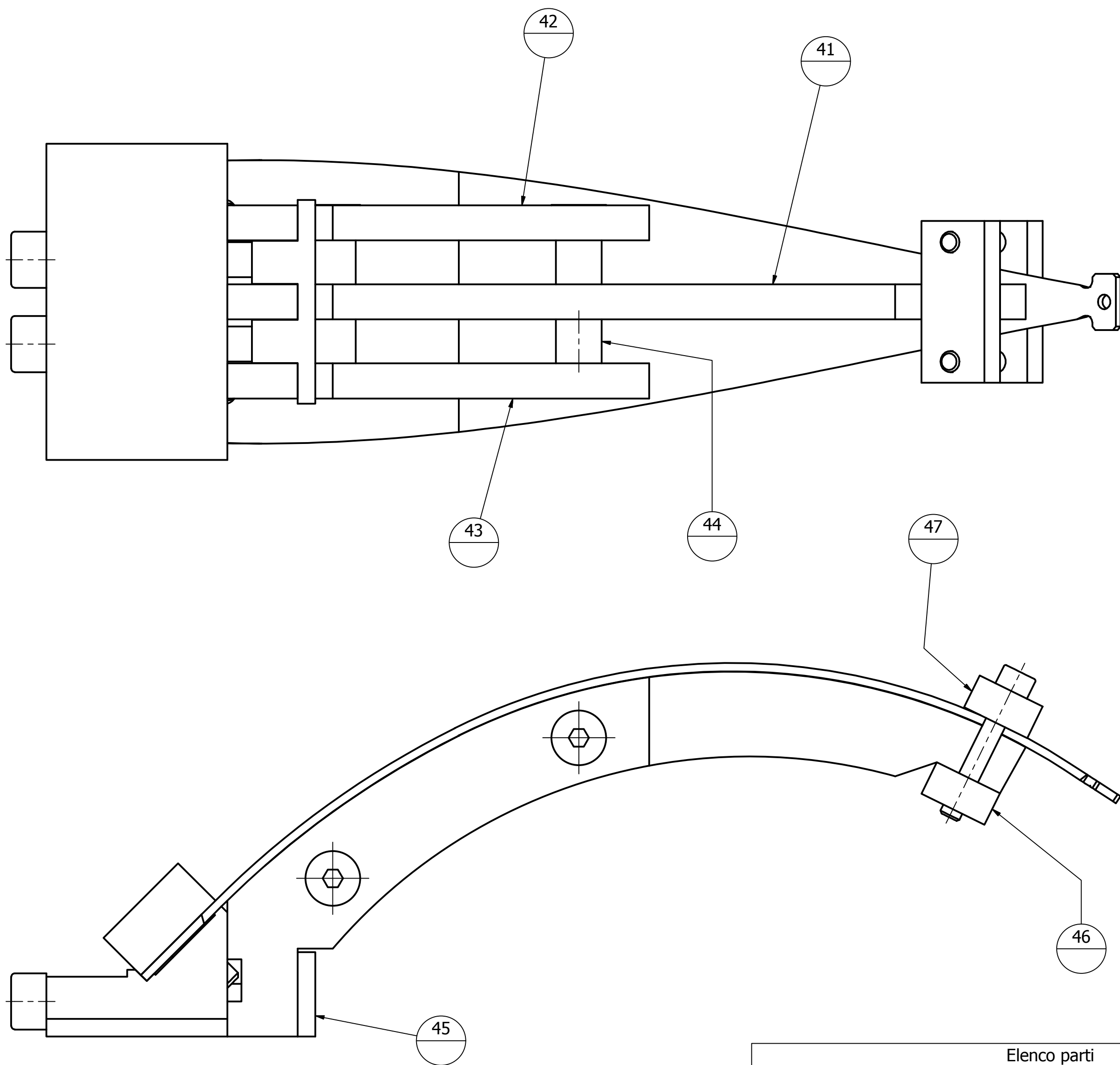
Assembling insertion blade

40

38

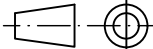
39

ref.	note	date
modifications		
40	0020	Pusher blade tool
39	0020	Fixing clamp tip blade
38	0020	Tie rod
	0019	Assembling insertion blade
ref.	draw.	legend
 PROMEC di Gennaro Gianni BIENTINA (PISA)-ITALIA	DESIGNED FOR R. De Salvo	
	DESIGN G. Gennaro	
	DATE 6-12-2010	SCALE 1:4
	ASS. NUMB. Filter st.0018-00	
	REPLACE DRAW.N°	A2
TITLE LCGT-SAS FILTER STANDARD-Gr.1 ASSEMBLING TOOL		

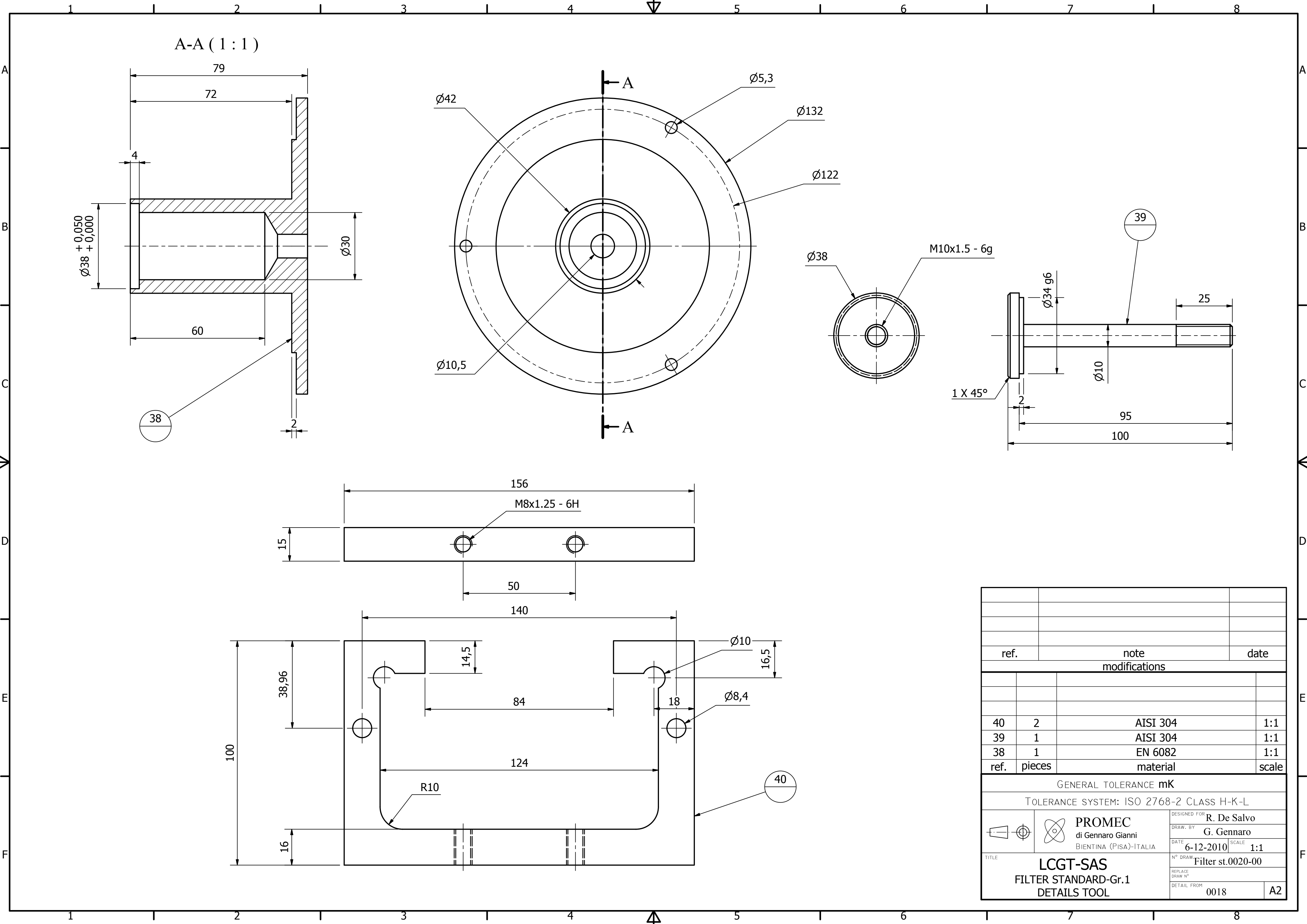


SEE DRAWING 0018

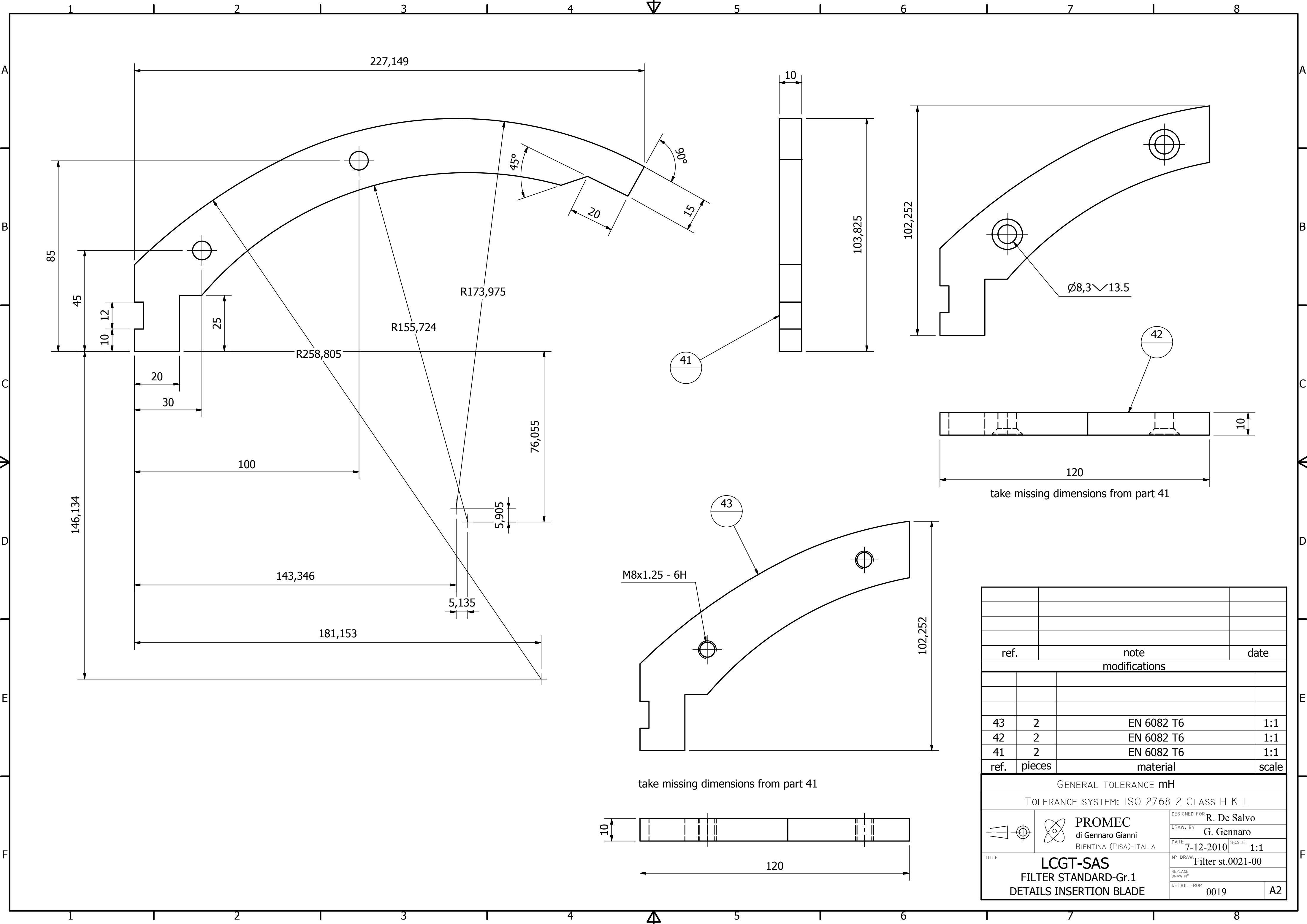
Elenco parti			
ELEMENTO	QTÀ	NUMERO PARTE	DESCRIZIONE
5	2	ISO 4762 - M6 x 40	Viti con esagono incassato - Grado prodotto A
6	2	ISO 5933 - M10 x 70	Viti svasata con esagono incassato
10	3	ISO 4762 - M10 x 25	Viti con esagono incassato - Grado prodotto A

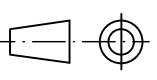
ref.	note		
	date		
modifications			
47	0022	Clamp tip blade	
46	0022	Clamp tip blade	
45	0022	Blade clamp	
44	0022	Spacer	
43	0021	Lateral curve gauge	
42	0021	Lateral curve gauge	
41	0021	Central curve gauge	
ref.	draw.	legend	
	 PROMEC di Gennaro Gianni BIENTINA (PISA)-ITALIA	DESIGNED FOR R. De Salvo	
		DESIGN G. Gennaro	
		DATE 6-12-2010	SCALE 1:1
		ASS. NUMB. Filter st.0019-00	
		REPLACE DRAW. N°	
A2			

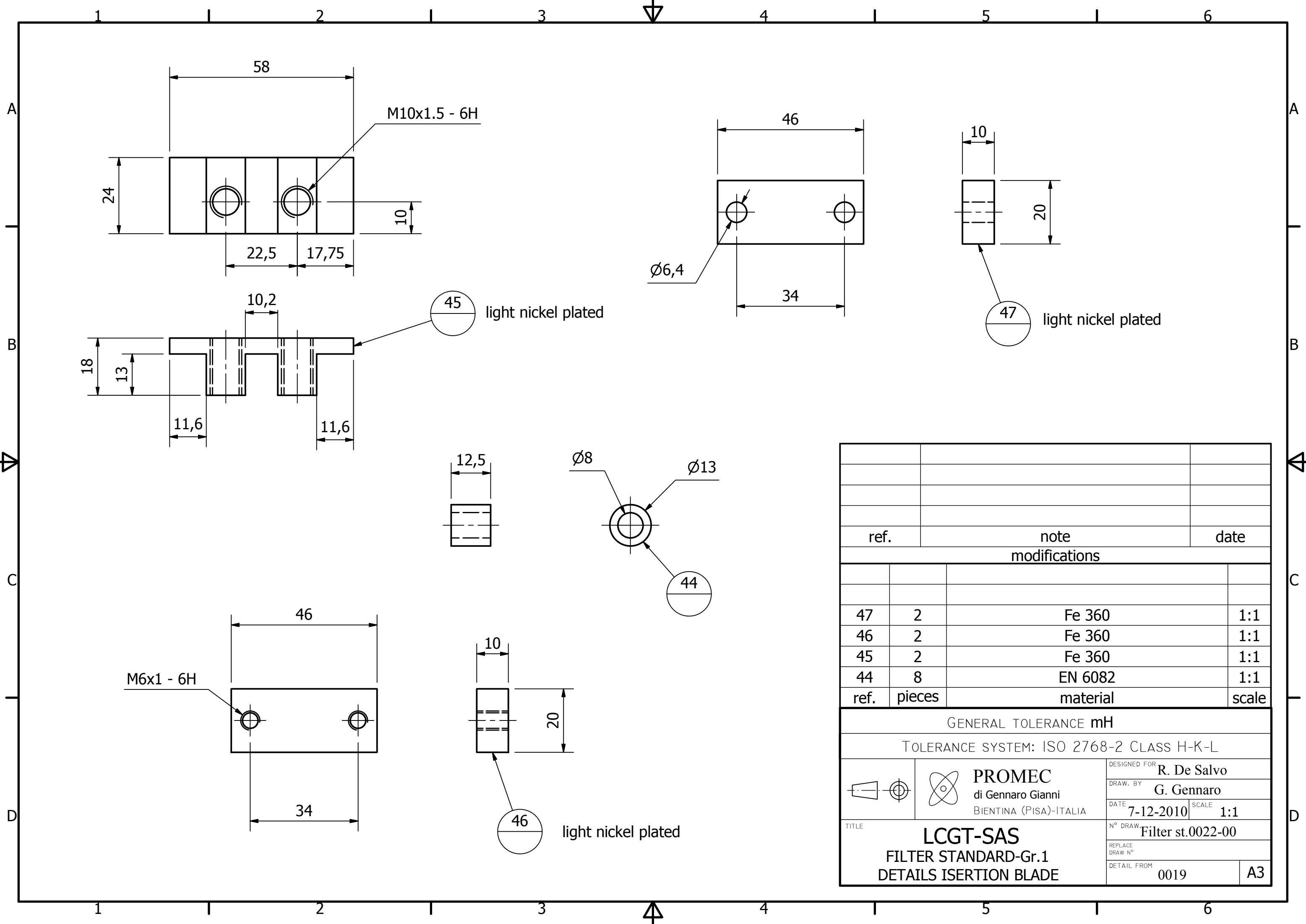
TITLE	LCGT-SAS FILTER STANDARD-Gr1 ASSEMBLING INSERTION BLADE
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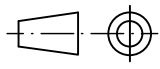


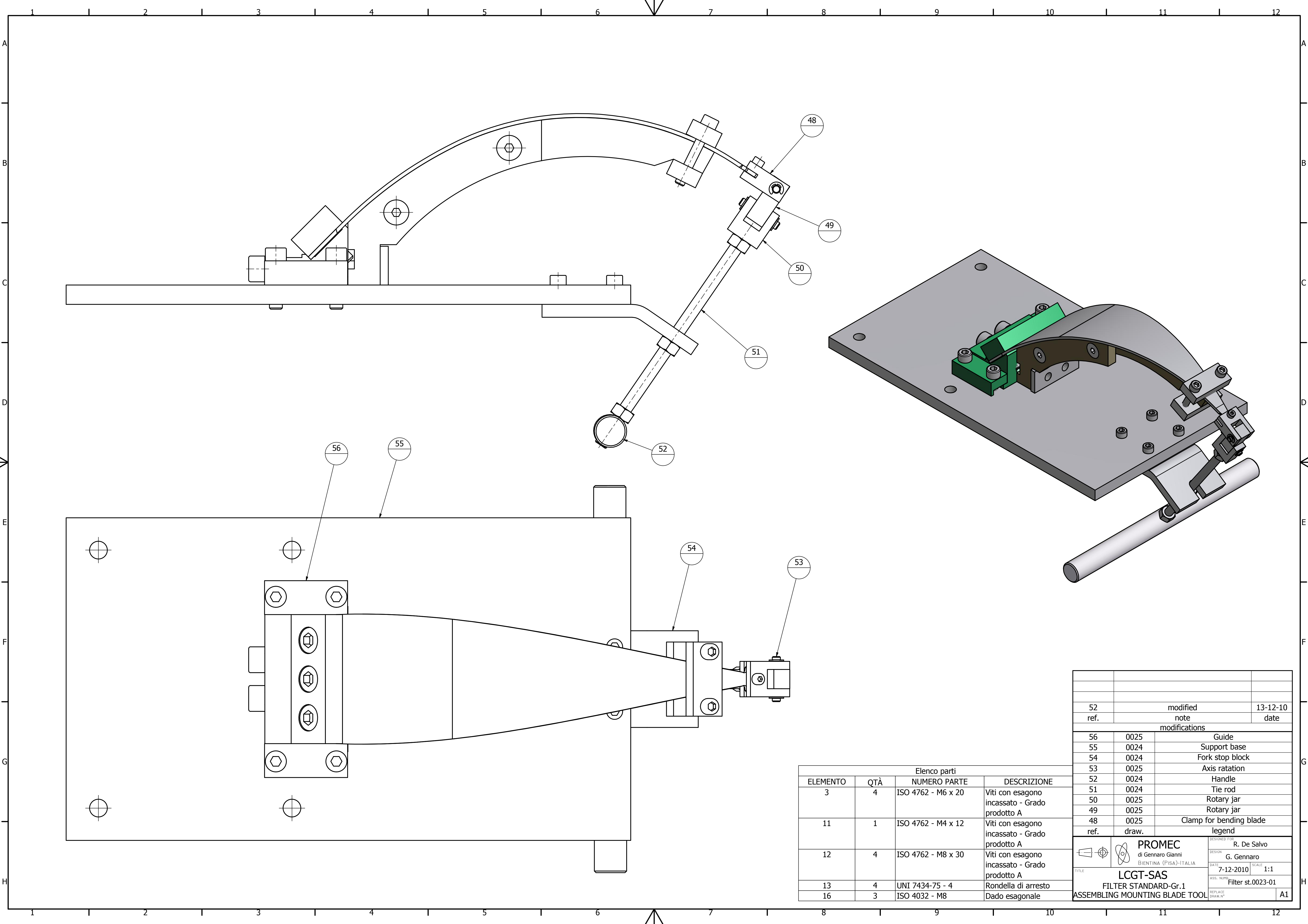
ref.		note	date
modifications			
40	2	AISI 304	1:1
39	1	AISI 304	1:1
38	1	EN 6082	1:1
ref.	pieces	material	scale
GENERAL TOLERANCE mK			
TOLERANCE SYSTEM: ISO 2768-2 CLASS H-K-L			
	PROMEC di Gennaro Gianni BIENTINA (PISA)-ITALIA		DESIGNED FOR R. De Salvo
			DRAW. BY G. Gennaro
			DATE 6-12-2010 SCALE 1:1
			N° DRAW. Filter st.0020-00
TITLE		REPLACE DRAW N°	
LCGT-SAS		0018	
FILTER STANDARD-Gr.1		A2	
DETAILS TOOL			



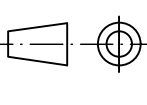
ref.		note	date
modifications			
43	2	EN 6082 T6	1:1
42	2	EN 6082 T6	1:1
41	2	EN 6082 T6	1:1
ref.	pieces	material	scale
GENERAL TOLERANCE mH			
TOLERANCE SYSTEM: ISO 2768-2 CLASS H-K-L			
	DESIGNED FOR		R. De Salvo
	DRAW. BY		G. Gennaro
	DATE		7-12-2010
	SCALE		1:1
N° DRAW.		Filter st.0021-00	
REPLACE DRAW N°			
DETAIL FROM			
TITLE			
LCGT-SAS			
FILTER STANDARD-Gr.1			
DETAILS INSERTION BLADE			
0019			A2

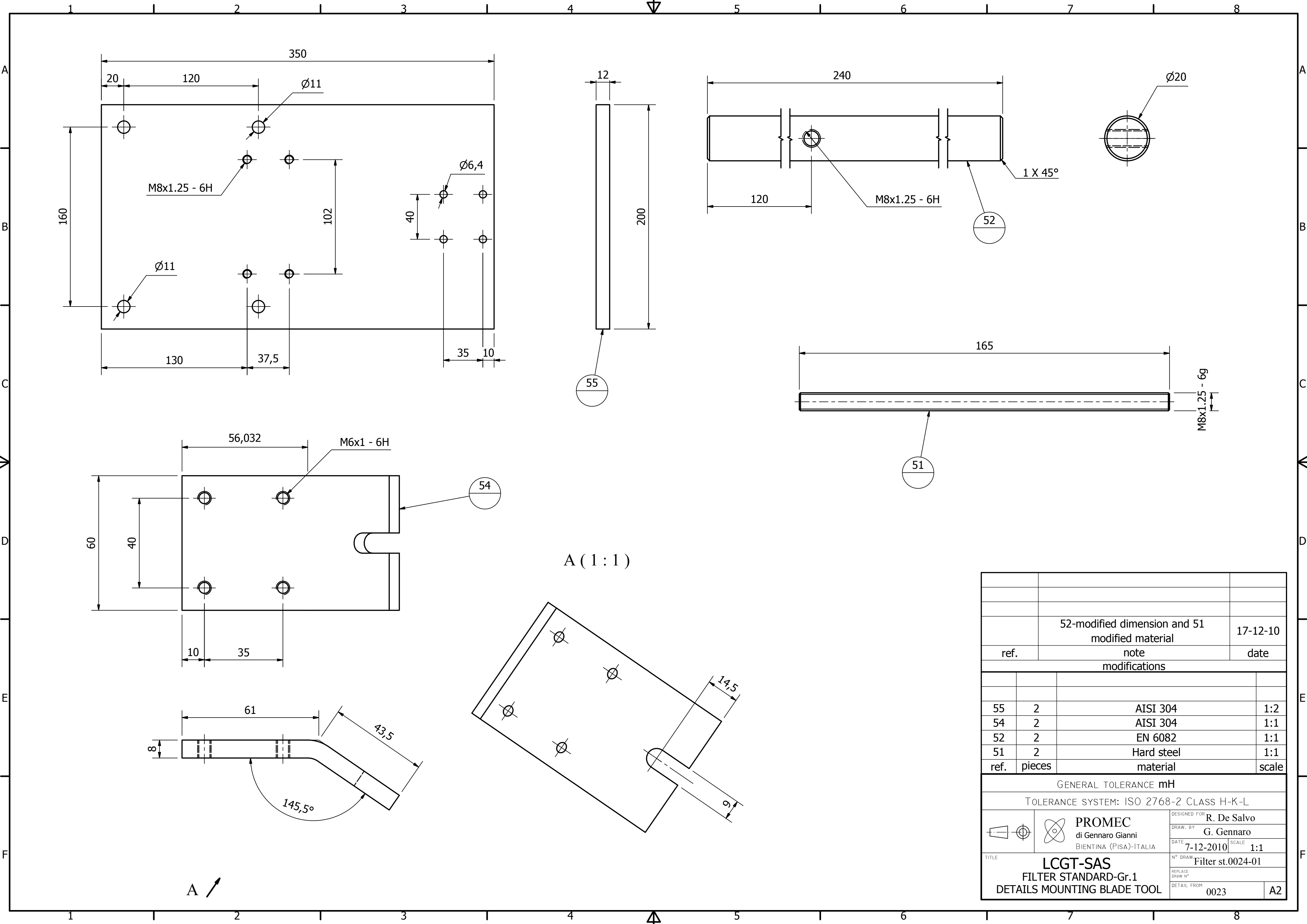


ref.	note		date
modifications			
47	2	Fe 360	1:1
46	2	Fe 360	1:1
45	2	Fe 360	1:1
44	8	EN 6082	1:1
ref.	pieces	material	scale
GENERAL TOLERANCE mH			
TOLERANCE SYSTEM: ISO 2768-2 CLASS H-K-L			
 	 PROMEC di Gennaro Gianni BIENTINA (PISA)-ITALIA		DESIGNED FOR R. De Salvo
			DRAW. BY G. Gennaro
			DATE 7-12-2010 SCALE 1:1
			N° DRAW Filter st.0022-00
TITLE LCGT-SAS FILTER STANDARD-Gr.1 DETAILS ISERTION BLADE		REPLACE DRAW N°	
		DETAIL FROM 0019 A3	

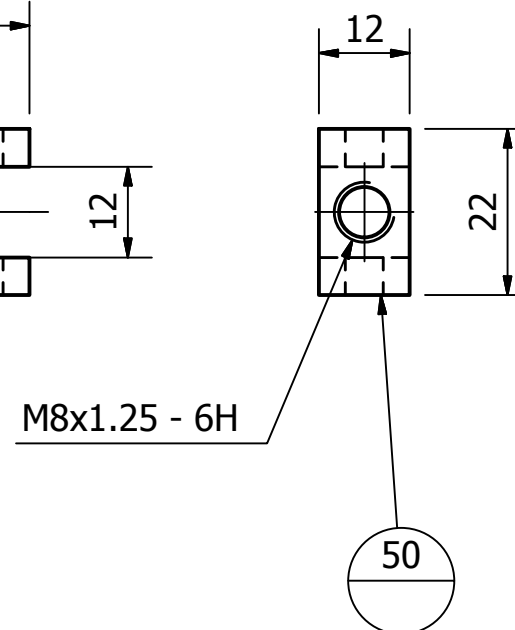


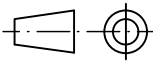
Elenco parti			
ELEMENTO	QTÀ	NUMERO PARTE	DESCRIZIONE
3	4	ISO 4762 - M6 x 20	Viti con esagono incassato - Grado prodotto A
11	1	ISO 4762 - M4 x 12	Viti con esagono incassato - Grado prodotto A
12	4	ISO 4762 - M8 x 30	Viti con esagono incassato - Grado prodotto A
13	4	UNI 7434-75 - 4	Rondella di arresto
16	3	ISO 4032 - M8	Dado esagonale

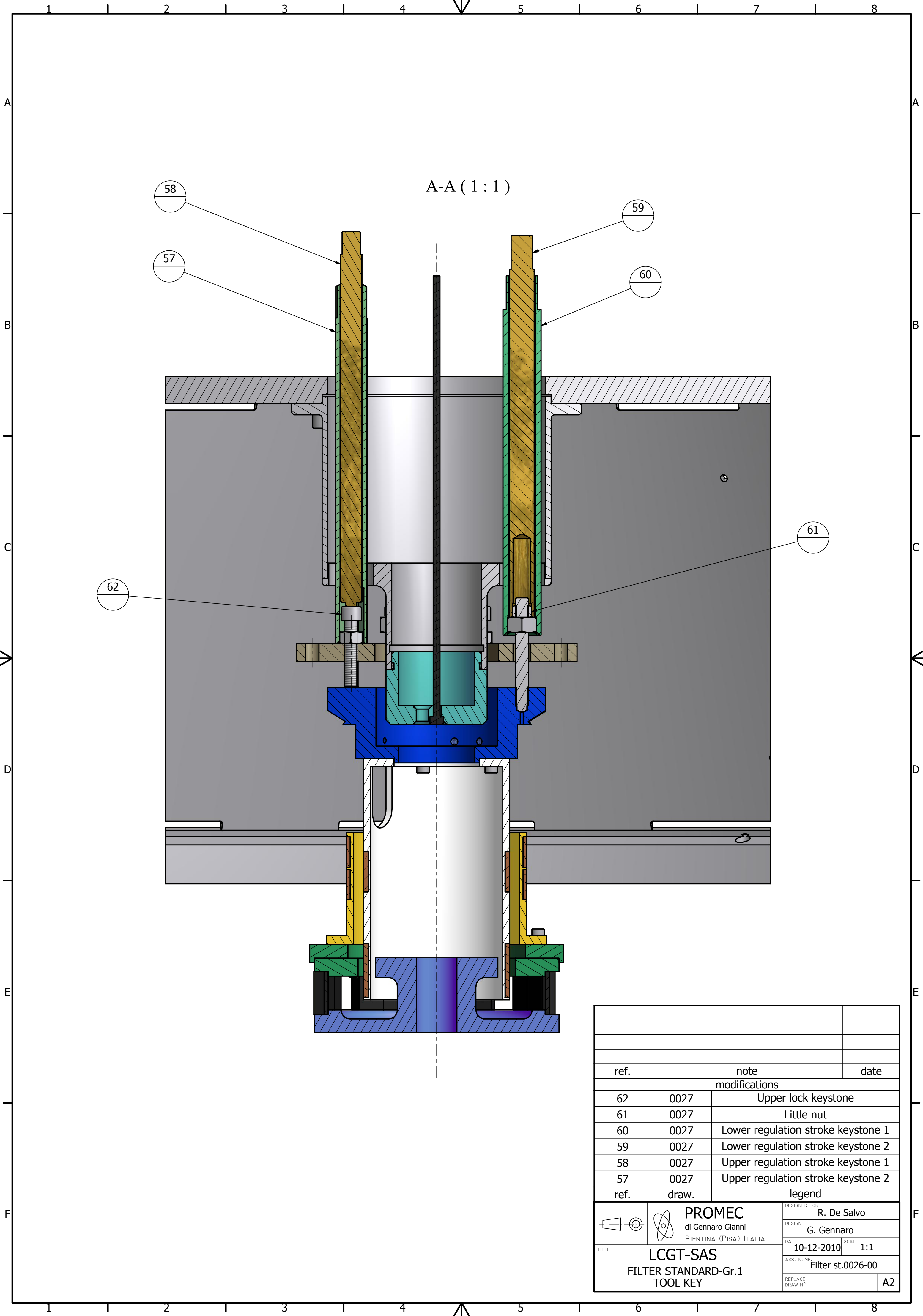
52	modified	13-12-10
ref.	note	date
modifications		
56	0025	Guide
55	0024	Support base
54	0024	Fork stop block
53	0025	Axis ratation
52	0024	Handle
51	0024	Tie rod
50	0025	Rotary jar
49	0025	Rotary jar
48	0025	Clamp for bending blade
ref.	draw.	legend
 PROMEC di Gennaro Gianni BIENTINA (PISA)-ITALIA		DESIGNED FOR R. De Salvo
TITLE LCGT-SAS FILTER STANDARD-Gr.1 ASSEMBLING MOUNTING BLADE TOOL		DESIGN G. Gennaro DATE 7-12-2010 ASS. NUM. Filter st.0023-01
		SCALE 1:1 REPLACE Draw. 01
		A1

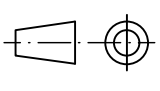


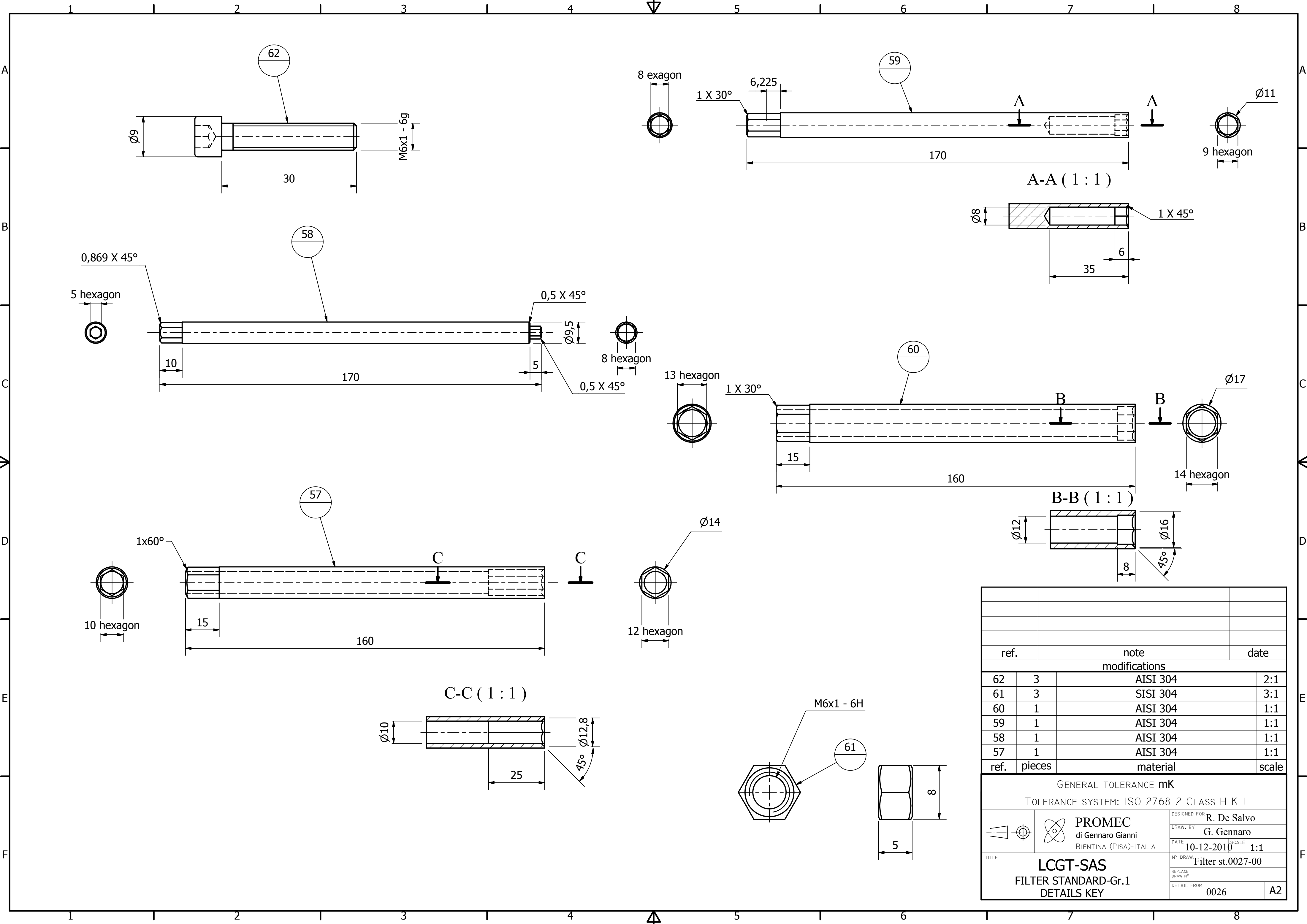
		52-modified dimension and 51 modified material	17-12-10
ref.		note	date
modifications			
55	2	AISI 304	1:2
54	2	AISI 304	1:1
52	2	EN 6082	1:1
51	2	Hard steel	1:1
ref.	pieces	material	scale
GENERAL TOLERANCE mH			
TOLERANCE SYSTEM: ISO 2768-2 CLASS H-K-L			
	PROMEC di Gennaro Gianni BIENTINA (PISA)-ITALIA		DESIGNED FOR R. De Salvo
			DRAW. BY G. Gennaro
			DATE 7-12-2010 SCALE 1:1
TITLE		N° DRAW. Filter st.0024-01	
LCGT-SAS FILTER STANDARD-Gr.1 DETAILS MOUNTING BLADE TOOL		REPLACE DRAW N°	
		DETAIL FROM 0023	A2

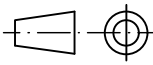


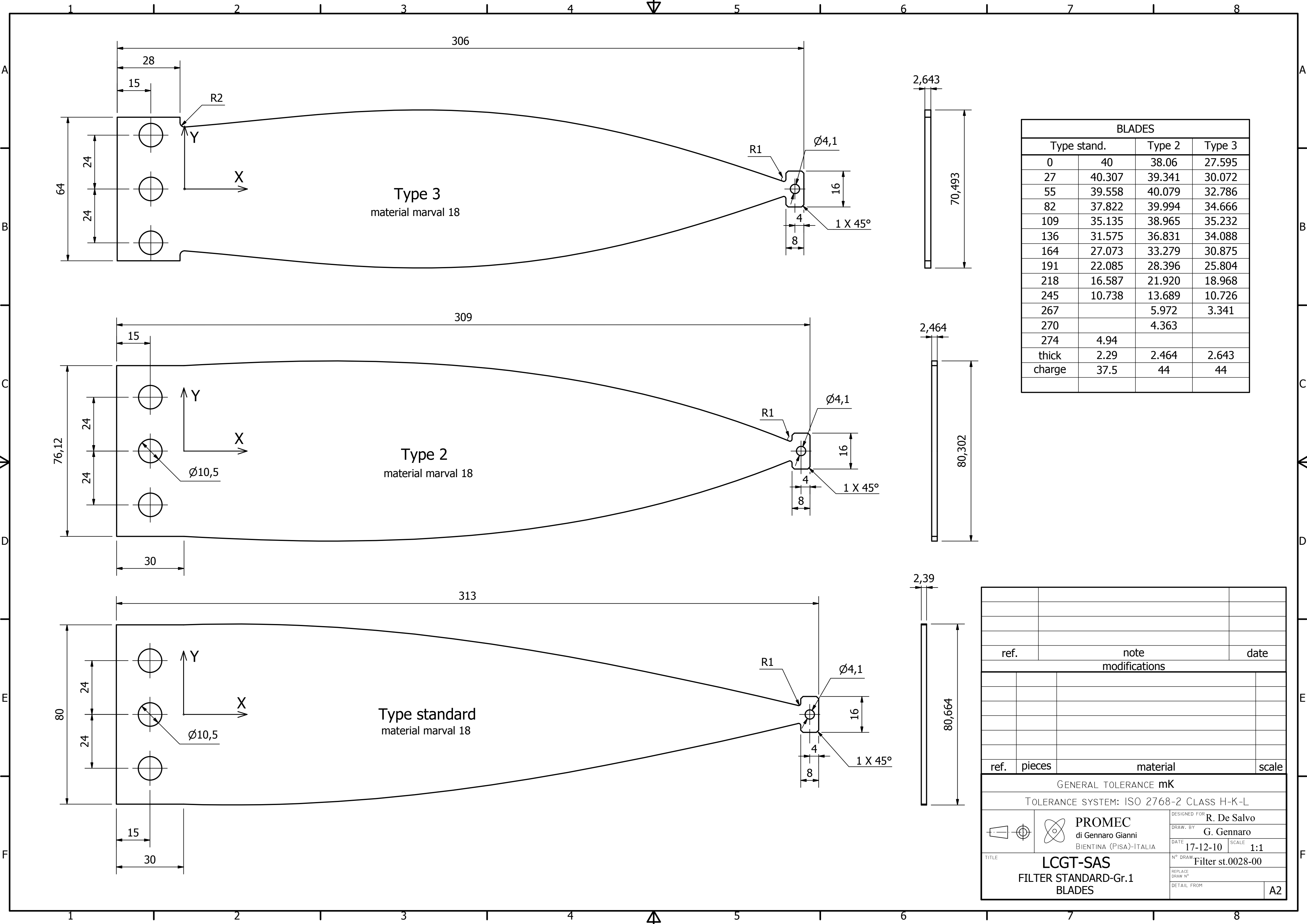
		modified part 50	17-12-10
ref.		note	date
modifications			
56	4	AISI 304	1:1
53	4	C 40	2:1
50	2	AISI 304	1:1
49	2	AISI 304	1:1
48	2	AISI 304	1:1
ref.	pieces	material	scale
GENERAL TOLERANCE mH			
TOLERANCE SYSTEM: ISO 2768-2 CLASS H-K-L			
 		DESIGNED FOR R. De Salvo DRAW. BY G. Gennaro DATE 7-12-2010 SCALE 1:1	
TITLE LCGT-SAS FILTER STANDARD-Gr.1 DETAILS MOUNTING BLADE TOOL		N° DRAW. Filter st.0025-01 REPLACE DRAW N° DETAIL FROM 0023 A3	



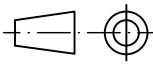
ref.	note	date
modifications		
62	0027	Upper lock keystone
61	0027	Little nut
60	0027	Lower regulation stroke keystone 1
59	0027	Lower regulation stroke keystone 2
58	0027	Upper regulation stroke keystone 1
57	0027	Upper regulation stroke keystone 2
ref.	draw.	legend
 PROMEC di Gennaro Gianni BIENTINA (PISA)-ITALIA		DESIGNED FOR R. De Salvo
 LCGT-SAS FILTER STANDARD-Gr.1 TOOL KEY		DESIGN G. Gennaro
TITLE		DATE 10-12-2010
		SCALE 1:1
		ASS. NUMB. Filter st.0026-00
		REPLACE DRAW.N° A2



ref.	note		date
modifications			
62	3	AISI 304	2:1
61	3	SISI 304	3:1
60	1	AISI 304	1:1
59	1	AISI 304	1:1
58	1	AISI 304	1:1
57	1	AISI 304	1:1
ref.	pieces	material	scale
GENERAL TOLERANCE mK			
TOLERANCE SYSTEM: ISO 2768-2 CLASS H-K-L			
  PROMEC di Gennaro Gianni BIENTINA (PISA)-ITALIA		DESIGNED FOR R. De Salvo	
		DRAW. BY G. Gennaro	
		DATE 10-12-2010	SCALE 1:1
		N° DRAW Filter st.0027-00	
TITLE LCGT-SAS FILTER STANDARD-Gr.1 DETAILS KEY		REPLACE DRAW N°	
		DETAIL: FROM 0026	
		A2	



BLADES			
Type stand.		Type 2	Type 3
0	40	38.06	27.595
27	40.307	39.341	30.072
55	39.558	40.079	32.786
82	37.822	39.994	34.666
109	35.135	38.965	35.232
136	31.575	36.831	34.088
164	27.073	33.279	30.875
191	22.085	28.396	25.804
218	16.587	21.920	18.968
245	10.738	13.689	10.726
267		5.972	3.341
270		4.363	
274	4.94		
thick	2.29	2.464	2.643
charge	37.5	44	44

ref.	note		date	
modifications				
ref.	pieces	material	scale	
GENERAL TOLERANCE mK				
TOLERANCE SYSTEM: ISO 2768-2 CLASS H-K-L				
 	DESIGNED FOR		R. De Salvo	
	DRAW. BY		G. Gennaro	
	DATE	17-12-10	SCALE	1:1
	N° DRAW			Filter st.0028-00
TITLE		LCGT-SAS		
		FILTER STANDARD-Gr.1		
		BLADES		
REPLACE DRAW N°				
DETAIL FROM			A2	