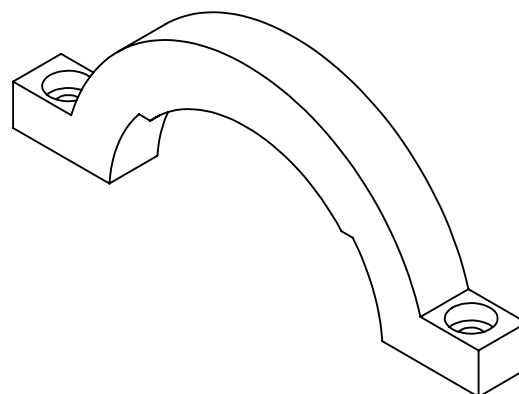
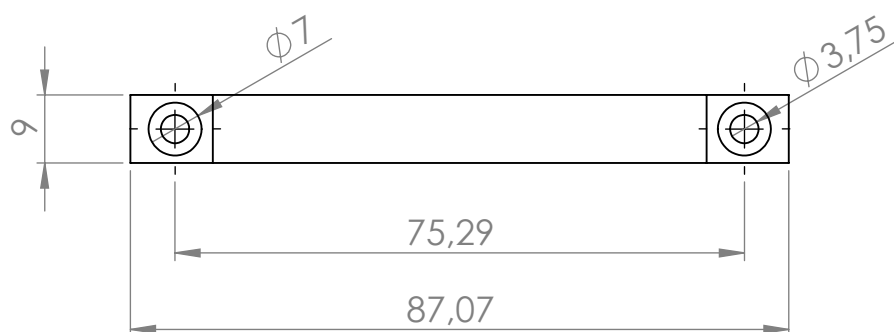
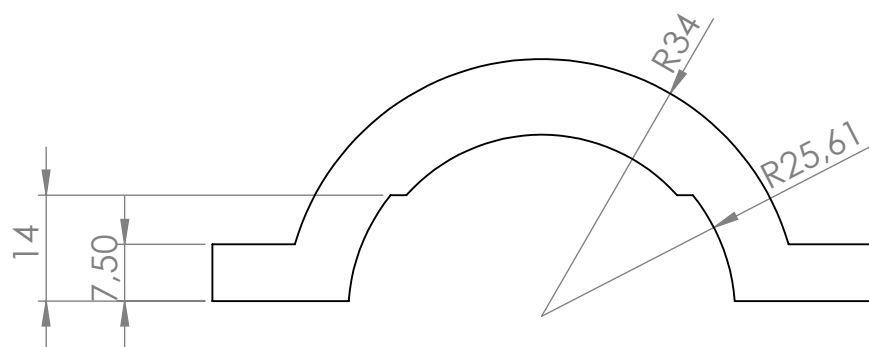
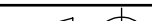


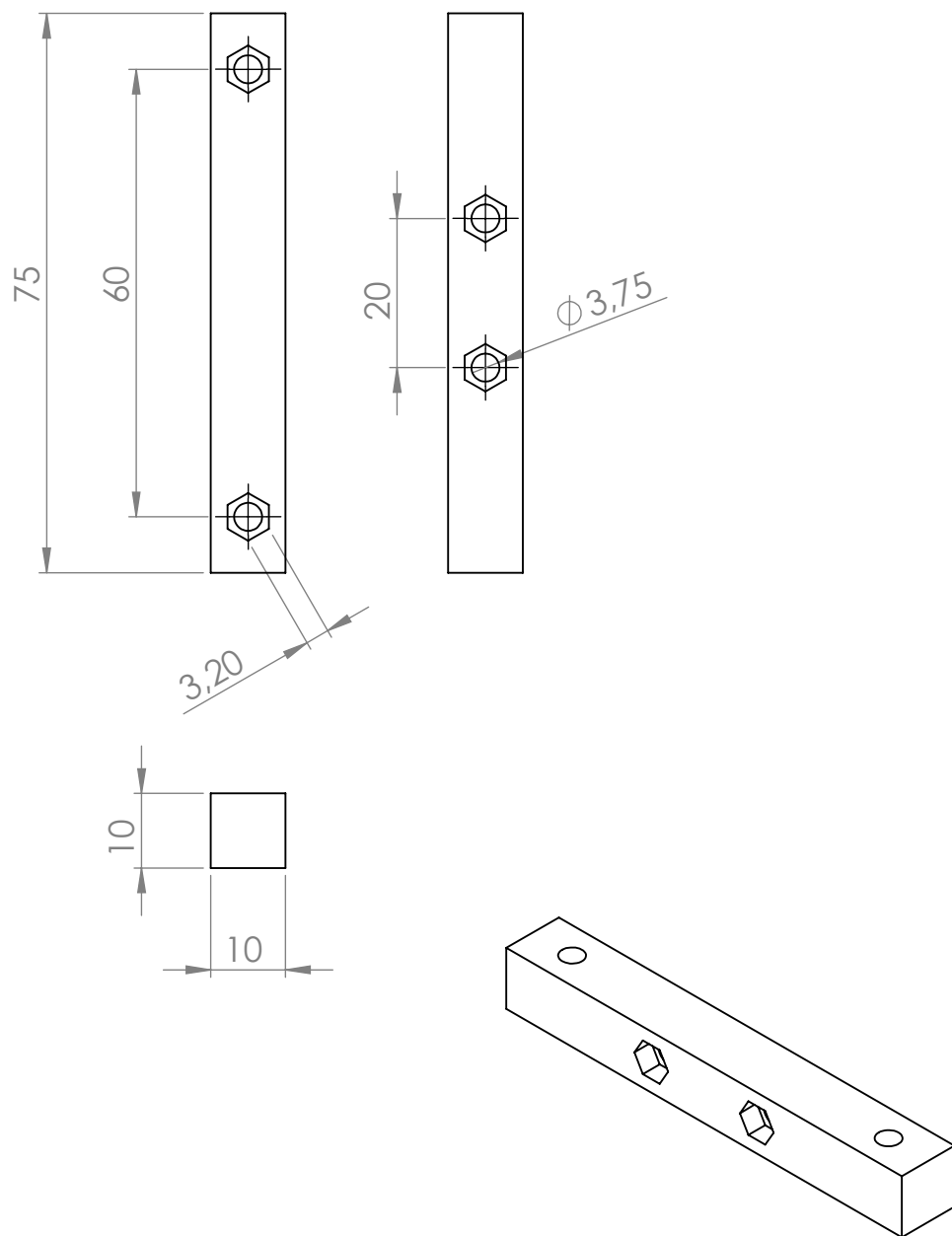
N.º DE ELEMENTO	N.º DE PIEZA	DESCRIPCIÓN	CANTIDAD
1	carcasa darrere		1
2	carcasa davant		1
3	carcasa dreta		1
4	carcasa esquerra		1
5	carcasa tapa		1
6	carcasa tapa		1
7	Anclatge 155		2
8	Anclatge 75		2
9	Engranatge XY NEMAA		2
10	Engranatge XY rosca		3
11	Engranatge Z NEMAA		1
12	Engranatge Z rosca		1
13	Engranatge XY NEMAA		1
14	Lado derecho combo		1
15	Pieza4combo		1
16	carro superior		1
17	Soporte Dremel Superior Superior.2		1
18	FijadorVarillaLisa		2
19	FijadorVarillaLisa superior		2
20	Suport rods davant		1
21	Suport rods davant		1
22	Suport rods davant		1
23	Suport rods davant		1
24	Separador rods		1
25	Suport rods		1
26	Suport rods		1
27	Abraçadera dremel		2
28	TAPA Distanciador RAMP52		1
29	Distanciador RAMP52		1
30	separador endstops		1
31	Suport cadenamod		2
32	AutolevelV.2		1
33	AutolevelV.2.2		1
34	radial ball bearing_68_din		7
35	LM8UU		12
36	Varilla lisa M8x250mm		2
37	Varilla lisa M8x150mm		2
38	Varilla lisa M8x200		2
39	Varilla roscada M8		2
40	Varilla roscada M8		1
41	Varilla roscada M8		1
42	socket countersunk head screw_din		8
43	socket countersunk head screw_din		2
44	prevailing torque nut style 1 insert_din		6
45	DIN EN ISO 7040 - M5 - N		16
46	Hexagon Nut ISO 4034 - M8 - N		10
47	plain washer grade a_din		3
48	plain washer grade a_din		57
49	Washer DIN 125 - A 5.3		16
50	Washer DIN 125 - A 4.3		2
51	hex thin nut gradeb_din		73
52	hex thin nut gradeb_iso		4
53	hex thin nut gradeb_din		2
54	Hexagon Nut ISO 4036 - M2 - N		6
55	socket head cap screw_din		5
56	socket head cap screw_din		45
57	socket head cap screw_din		14
58	socket head cap screw_din		6
59	socket head cap screw_din		3
60	socket head cap screw_din		6
61	DIN 912 M3 x 10 --- 10N		5
62	DIN 912 M5 x 16 --- 16N		18
63	DIN 912 M2 x 12 --- 12N		6
64	Muelle D11mm x H15mm		6
65	Base		4
67	Tapa		4
70	instrument ball bearing_68_dm		8
71	Gadgets 3D RAMP5 1.4 Complete		1
72	PCB_Mech_Endstop		3
85	Esquinas		8
86	imán		6
87	cadenaamod		8
88	cadenaamod2		8
89	Plataforma base		1
90	pinza2		2
92	femellapinçaindividual		2
93	femellapinça		2
94	femellapinçasup		2
95	pinçasup		2
97	Hexagon Nut ISO 4034 M5 - N		8

DRAUGHTSMAN	Marc Navarro	MATERIAL	TREATMENT	FINISHED	
DATE	09/05/2016				
REVISÉ					
DATE	02/06/2017				
SCALE:	1:1	ENSAMBLAJE			




SMOOTH SHARP EDGES

DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	21/10/2016					
REVISED						
DATE	21/02/2017					
SCALE: 1:1	Abraçadora Patí Superior					

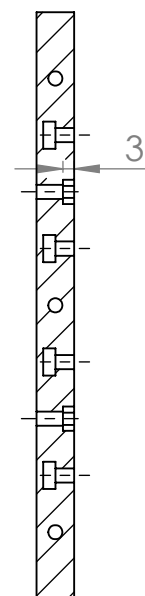
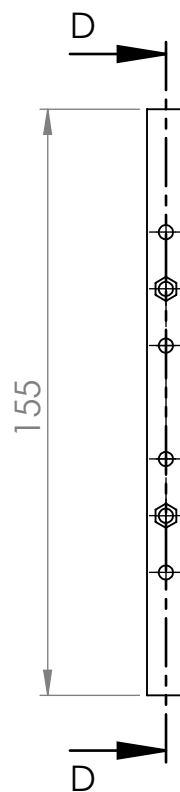
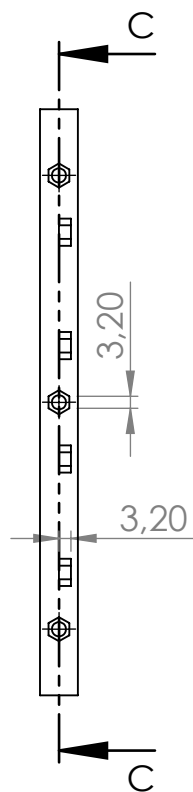
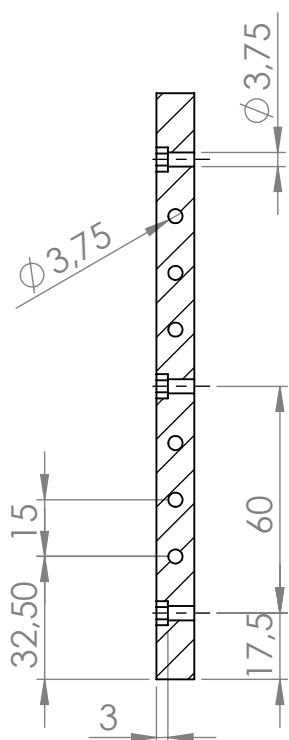


SMOOTH SHARP EDGES

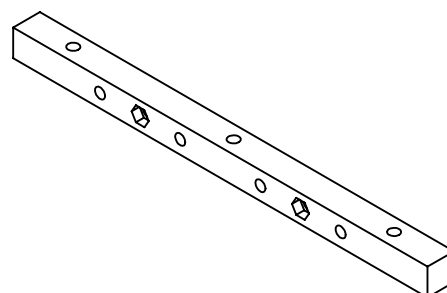
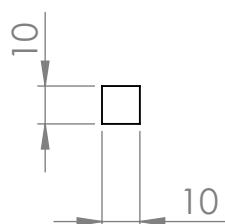
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DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	21/10/2016					
REVISED						
DATE	18/05/2017					
SCALE: 1:1	Anclatge 75					

SECCIÓN C-C

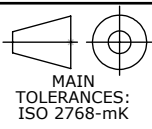


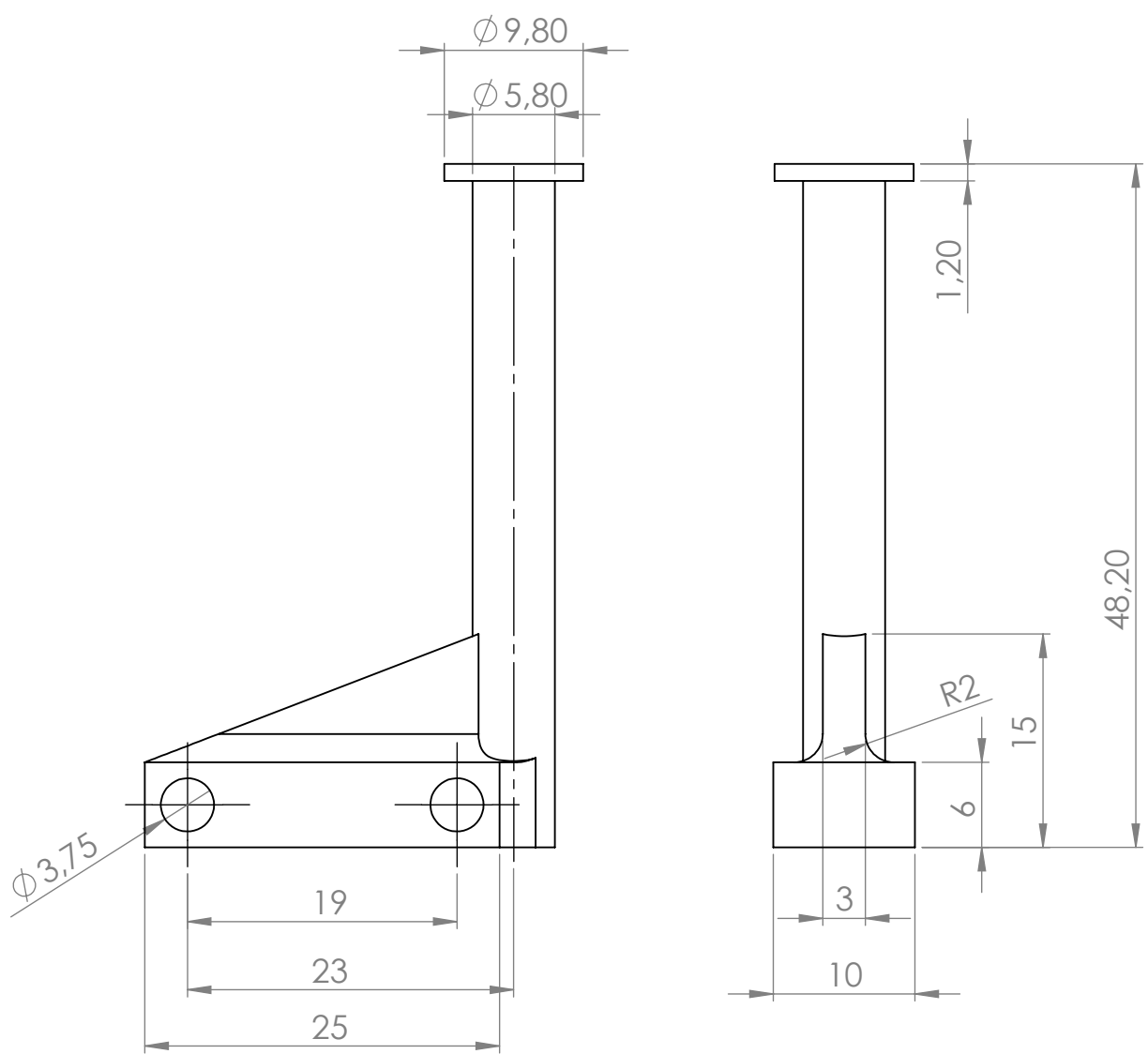
SECCIÓN D-D



SMOOTH SHARP EDGES

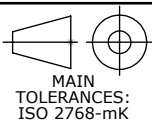
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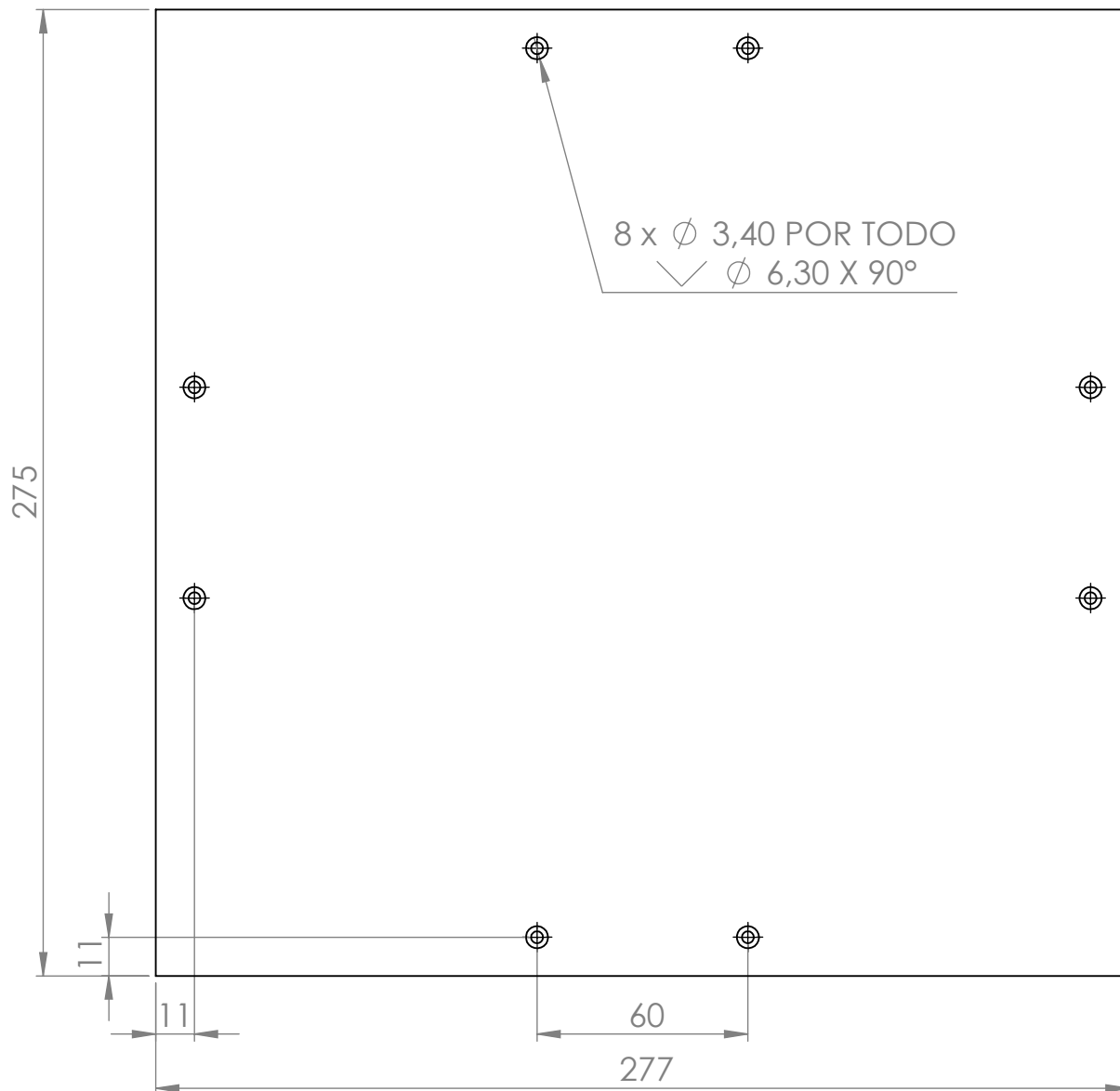
DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	21/10/2016					
REVISED						
DATE	18/05/2017					
SCALE: 1:2	Anclatge 155					



SMOOTH SHARP EDGES

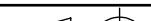
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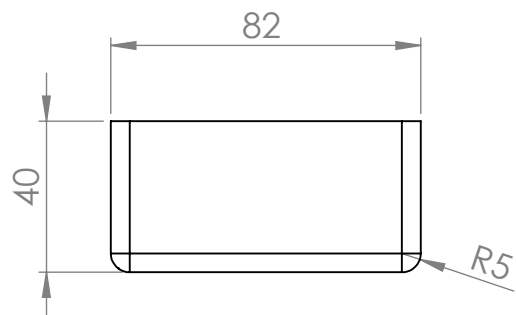
DRAUGHTSMAN	Marc Navarro	MATERIAL	TREATMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	21/10/2016					
REVISED						
DATE	18/05/2017					
SCALE: 2:1	Autolevel					



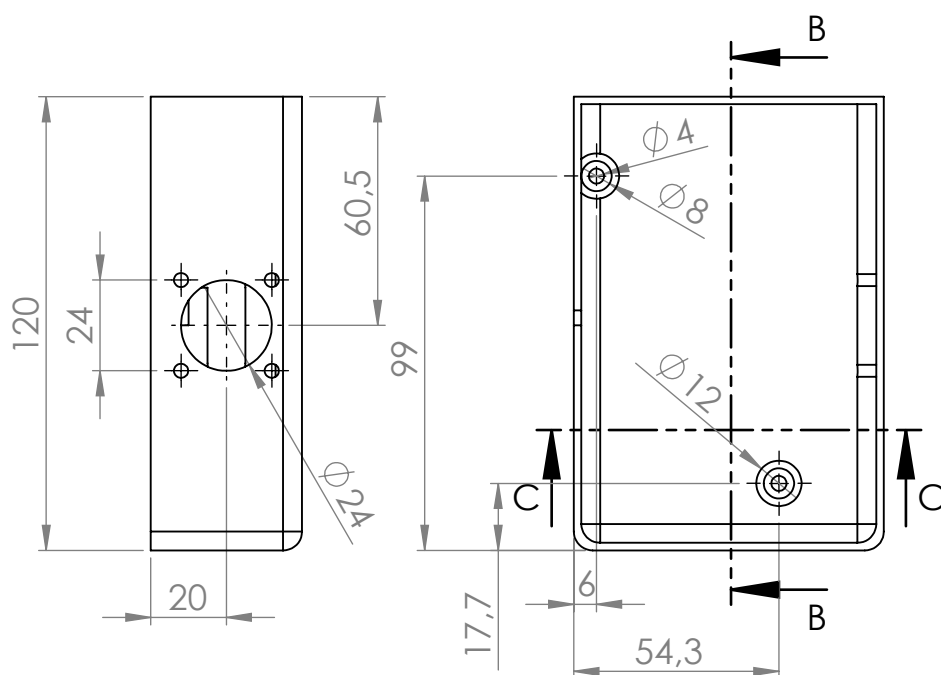
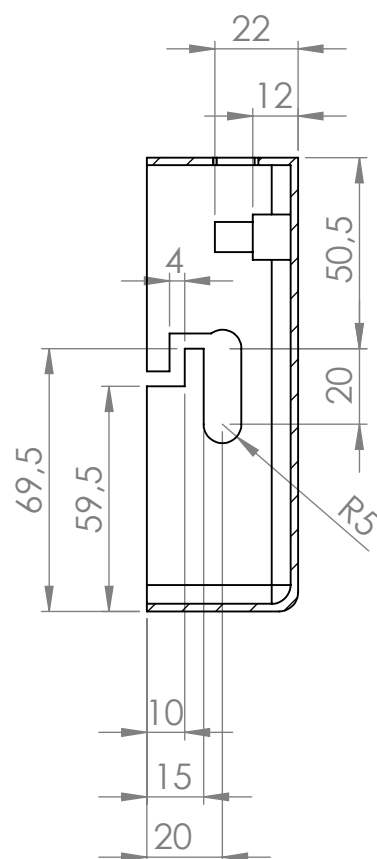
SMOOTH SHARP EDGES

e: 6mm

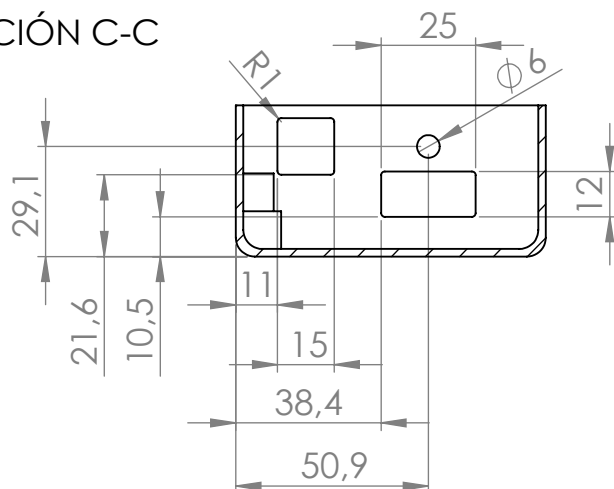
DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	21/02/2017					
REVISED						
DATE	21/02/2017					
SCALE: 1:2	Base Carcassa					



SECCIÓN B-B

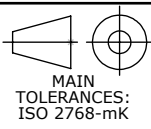


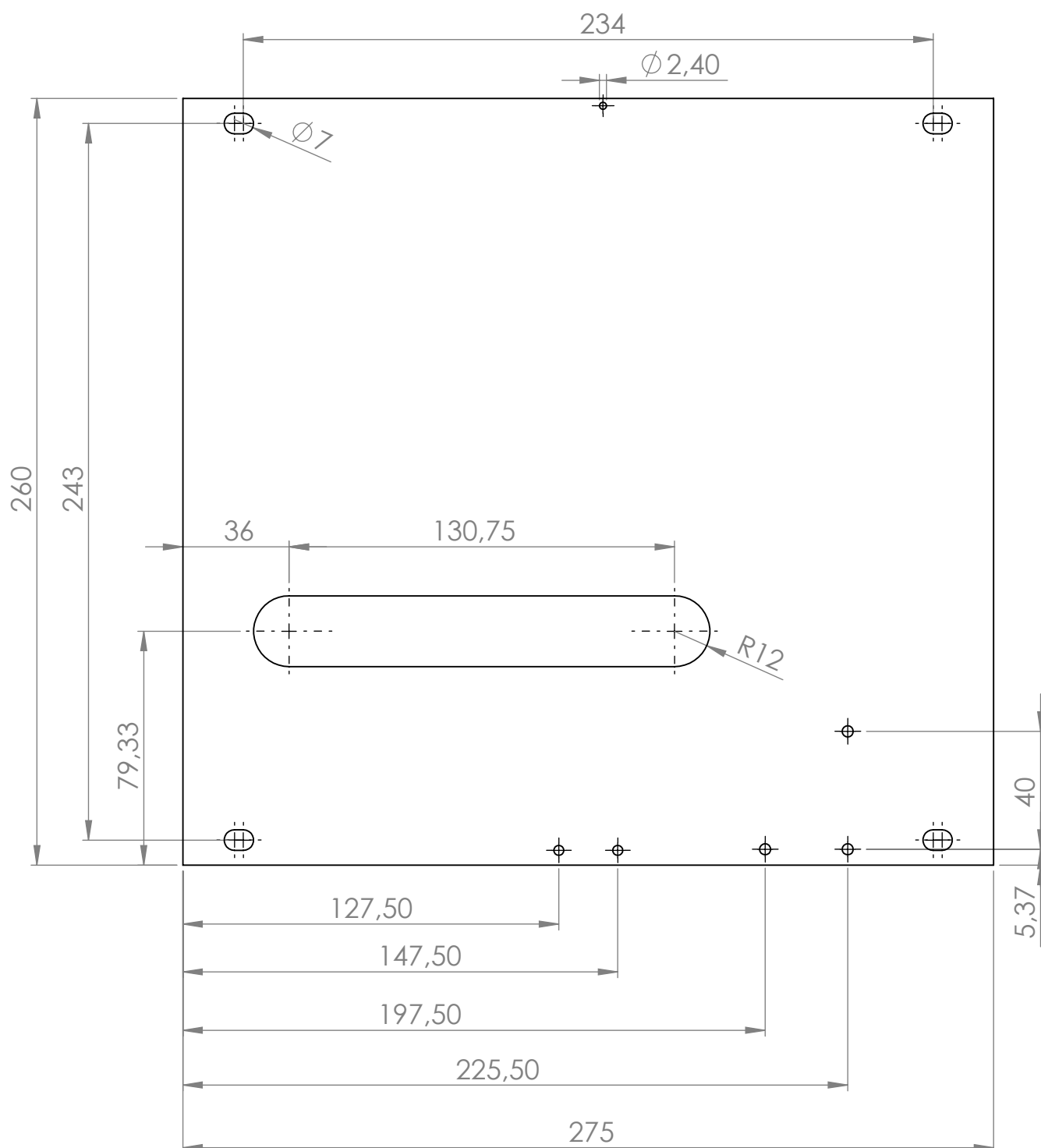
SECCIÓN C-C



SMOOTH SHARP EDGES

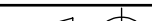
e:


DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	21/10/2016					
REVISED						
DATE	18/05/2017					
SCALE: 1:2	Caixa electrònica					

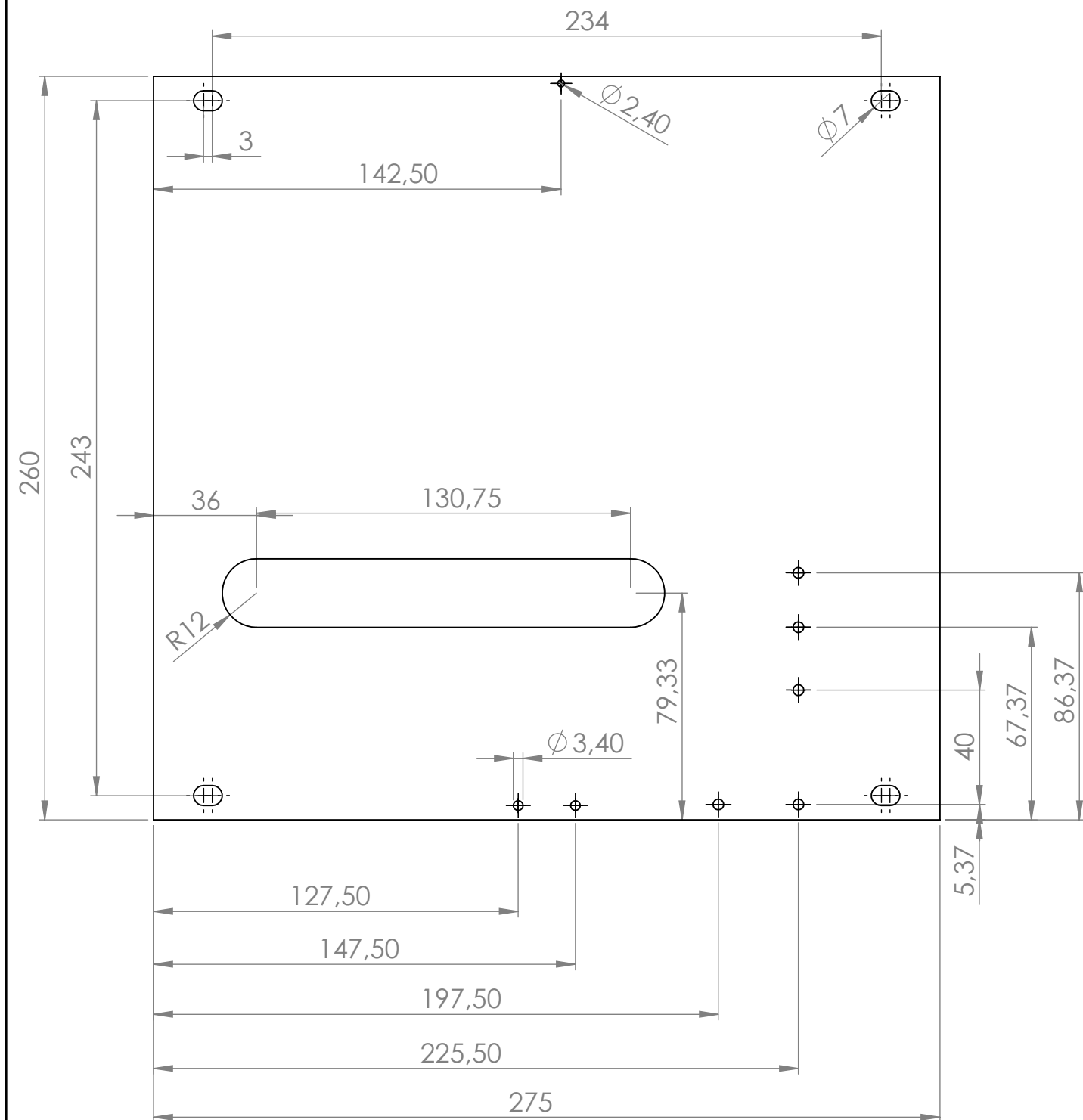


SMOOTH SHARP EDGES

e: 6mm

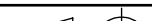
DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	21/02/2017					
REVISED						
DATE	21/02/2017					
SCALE: 1:2	Carcassa Dreta					

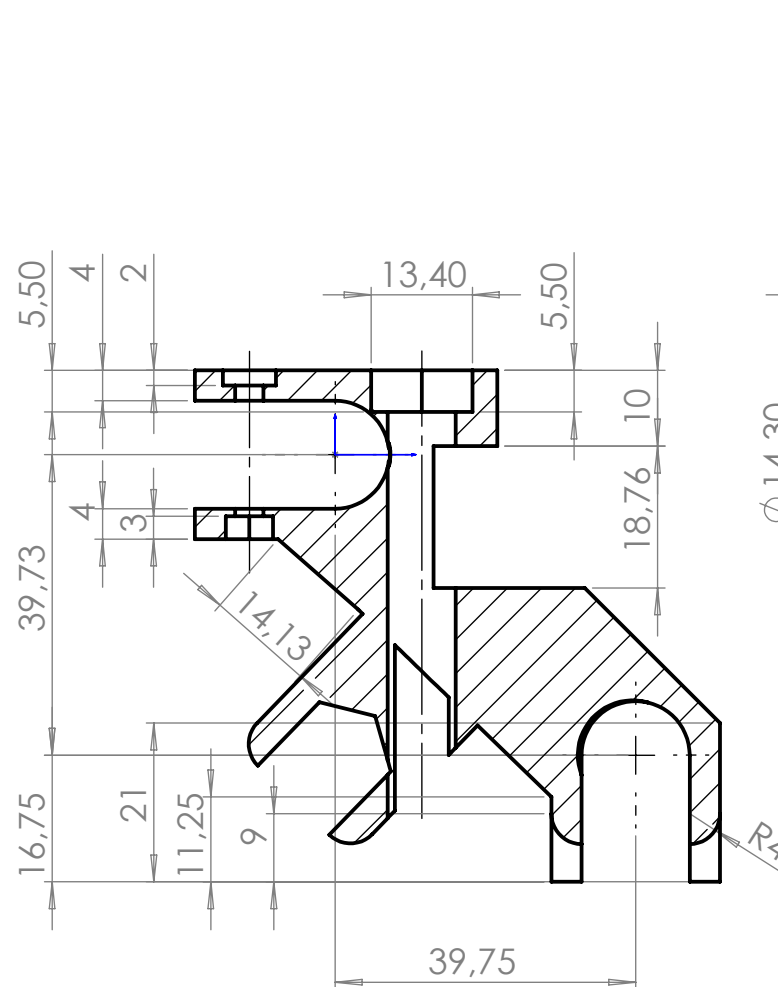
<i>DRAUGHTSMAN</i>	<i>Marc Navarro</i>	<i>MATERIAL</i>	<i>TREADMENT</i>	<i>FINISHED</i>	 <p>MAIN TOLERANCES: ISO 2768-mK</p>	
<i>DATE</i>	<i>21/02/2017</i>					
<i>REVISED</i>						
<i>DATE</i>	<i>21/02/2017</i>					
<i>SCALE: 1:2</i>	<i>Tapa Carcassa</i>					



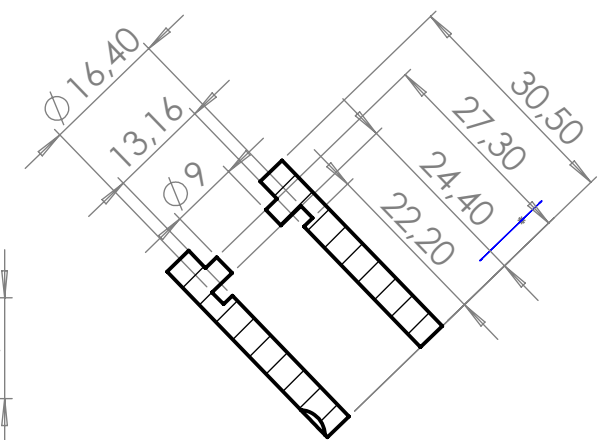
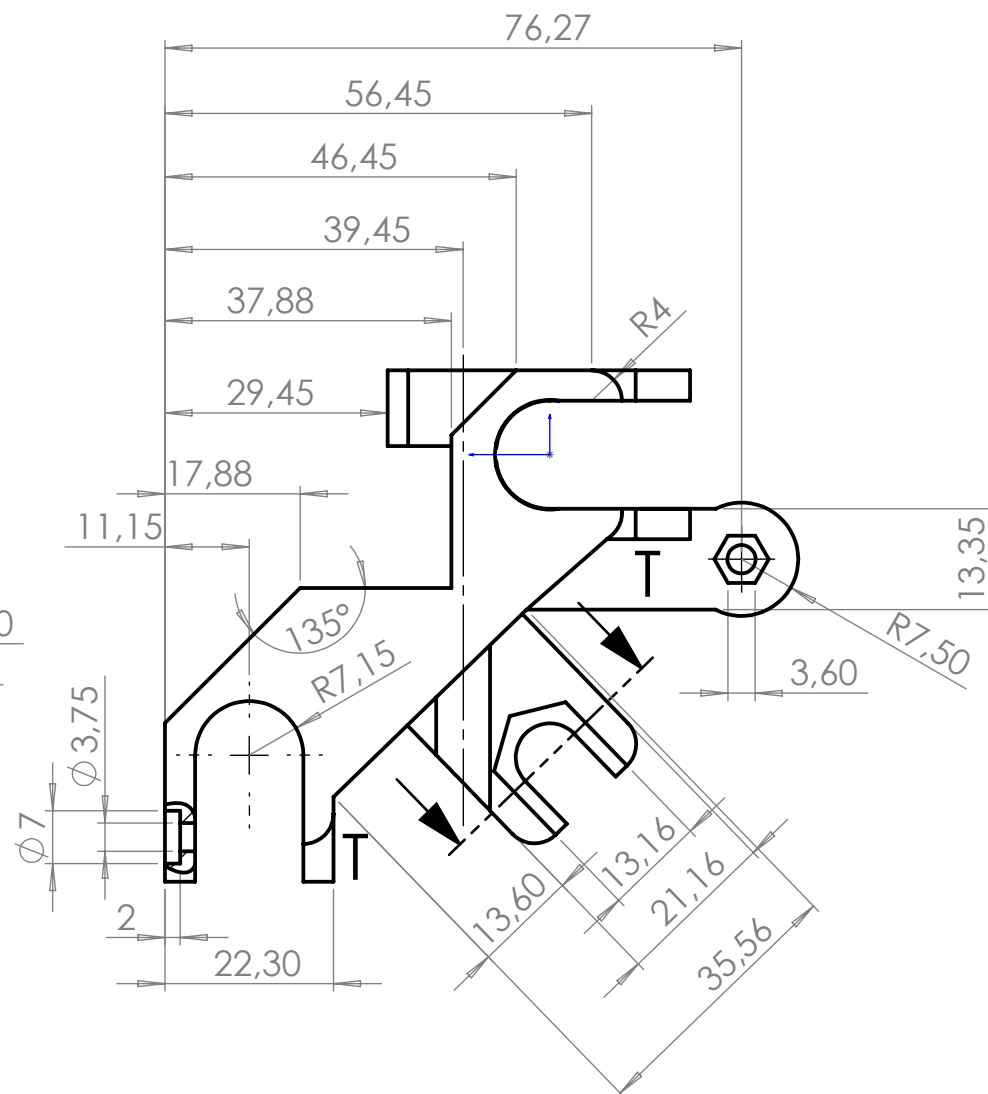
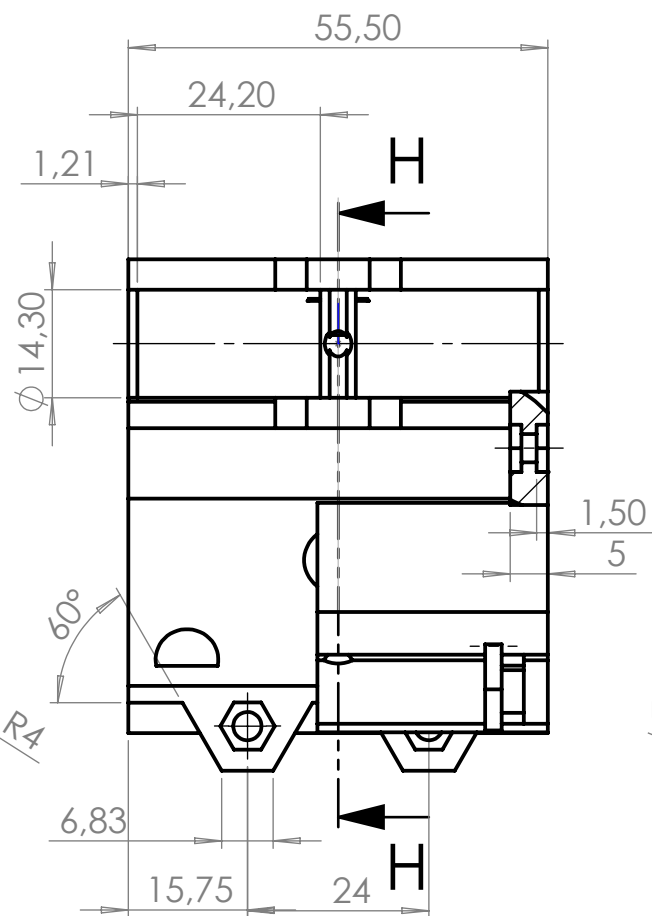
SMOOTH SHARP EDGES

e: 6mm

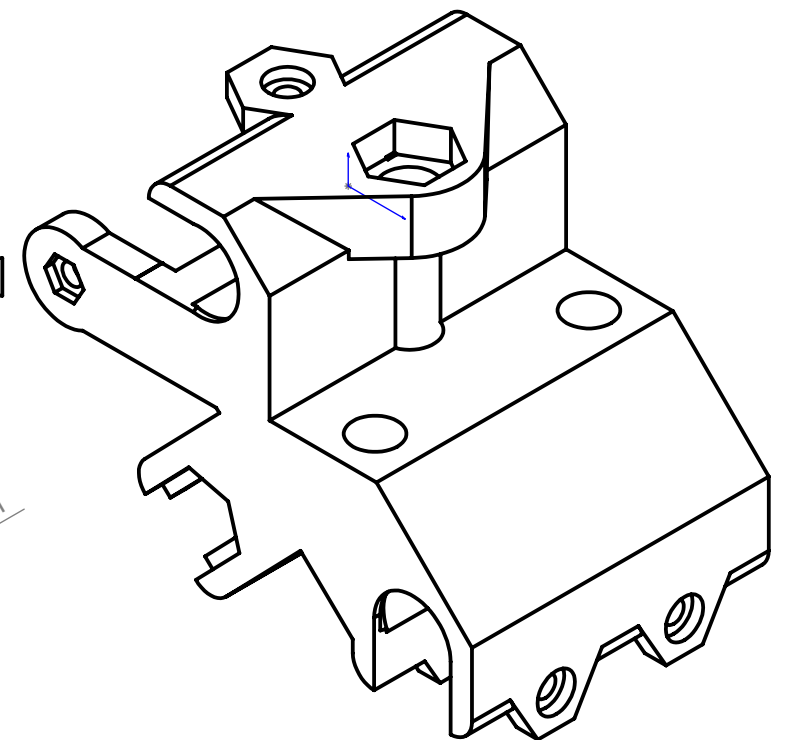
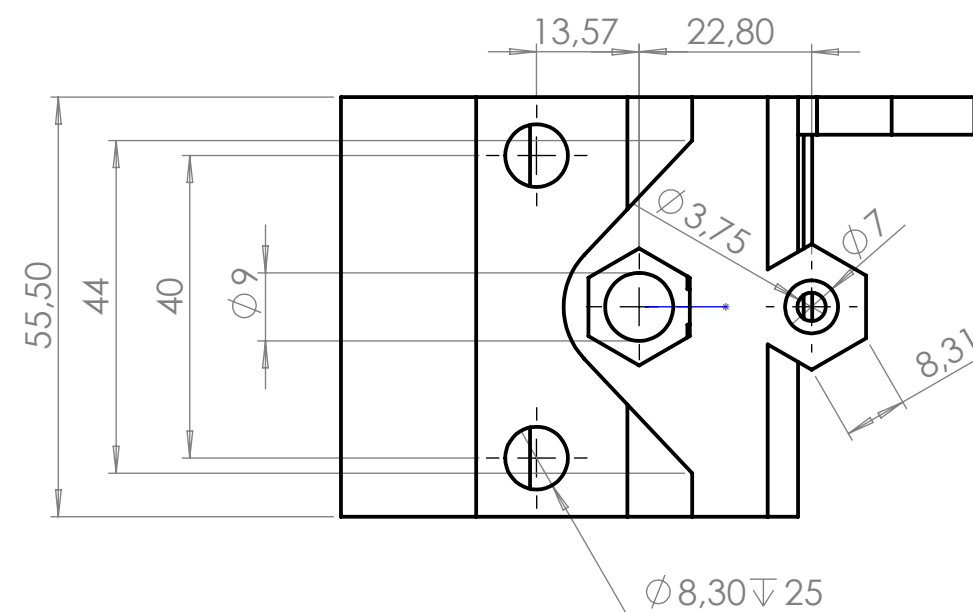
DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	21/02/2017					
REVISED						
DATE	21/02/2017					
SCALE: 1:2	Carcassa Esquerra					



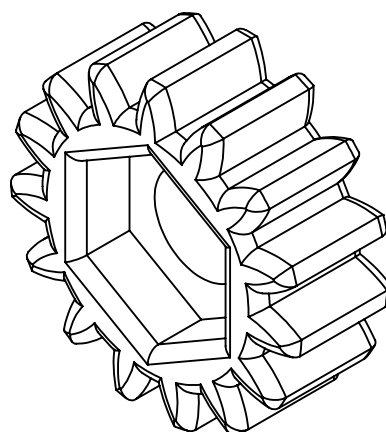
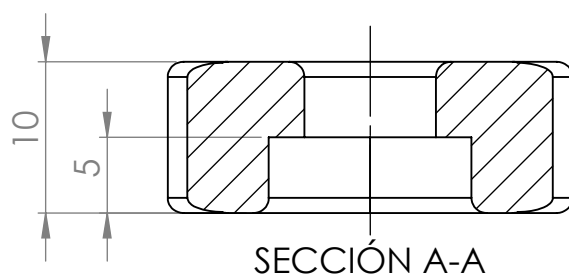
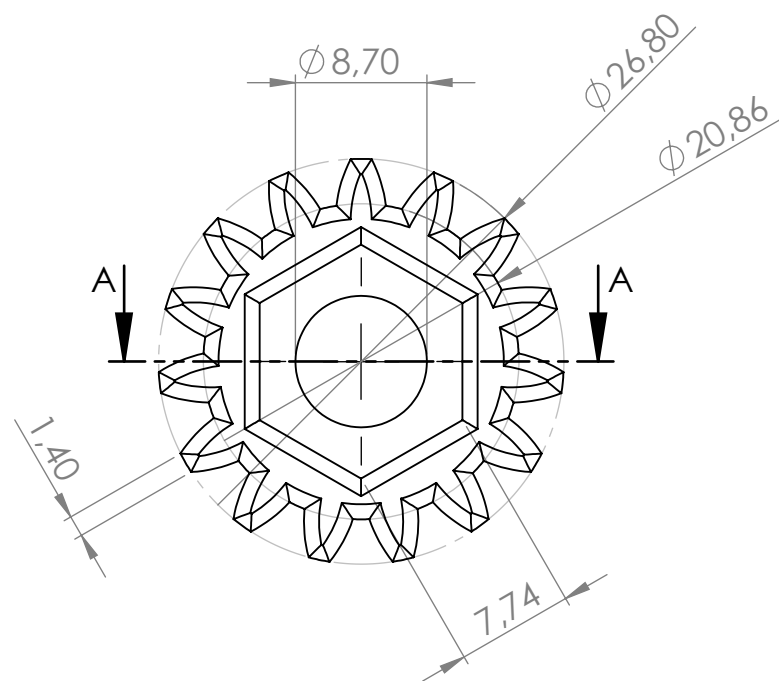
SECCIÓN H-H



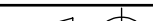
SECCIÓN T-T

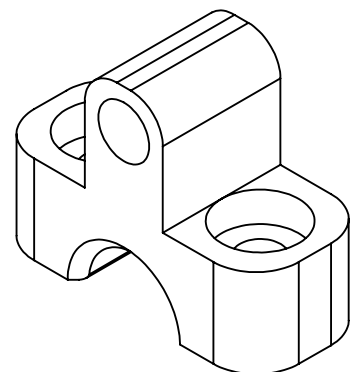
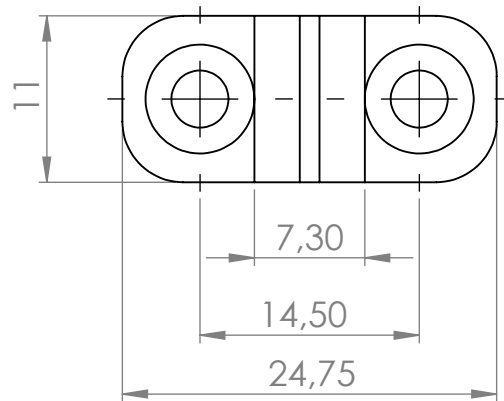
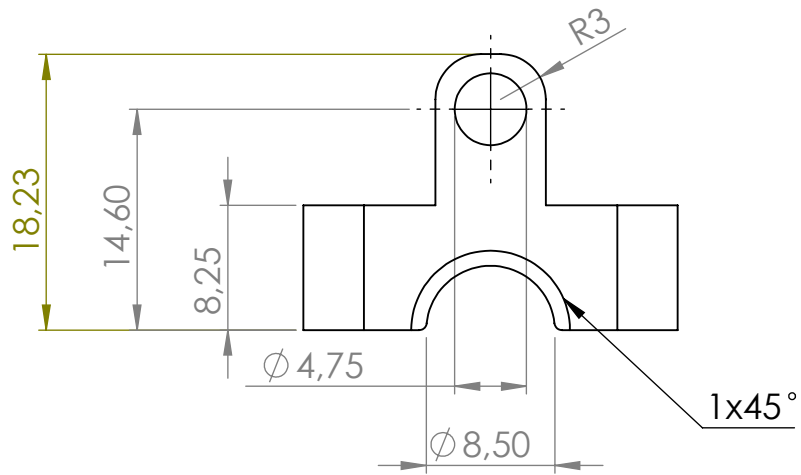


DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	09/05/2016					
REVISED						
DATE	21/02/2017					
SCALE:	1:1	Carro Central				

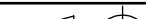


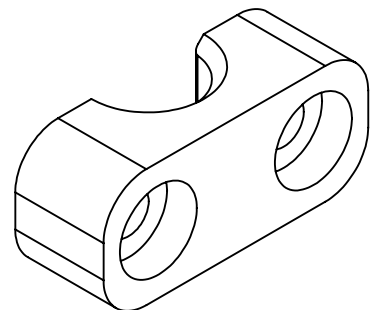
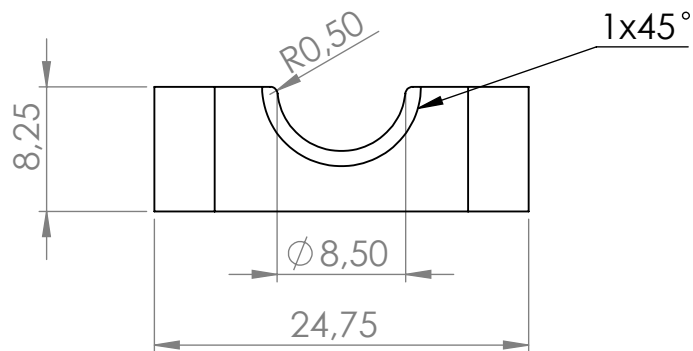
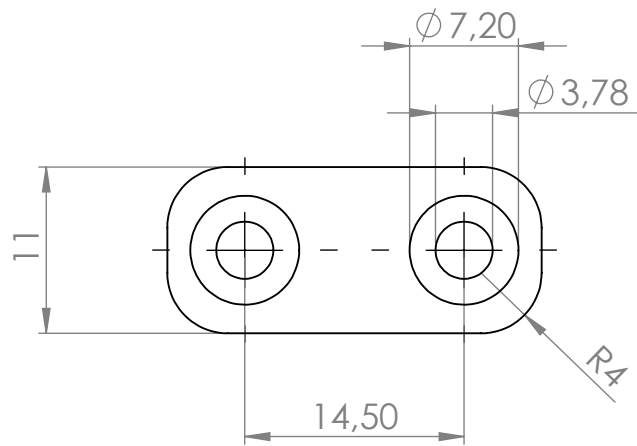
SMOOTH SHARP EDGES

DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	21/02/2017					
REVISED						
DATE	21/02/2017					
SCALE: 2:1	Engranatge Z roscat					

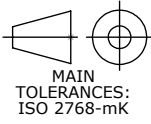


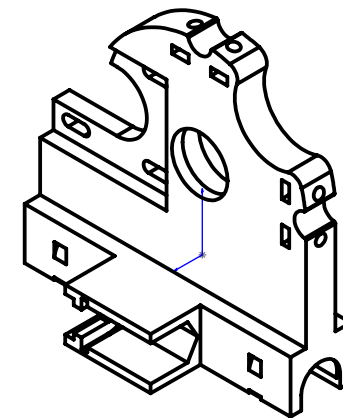
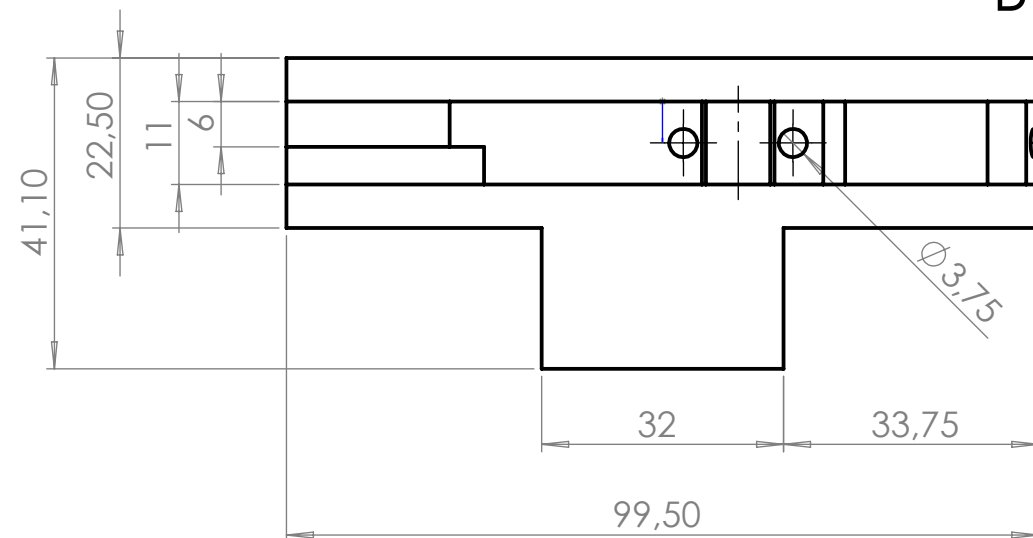
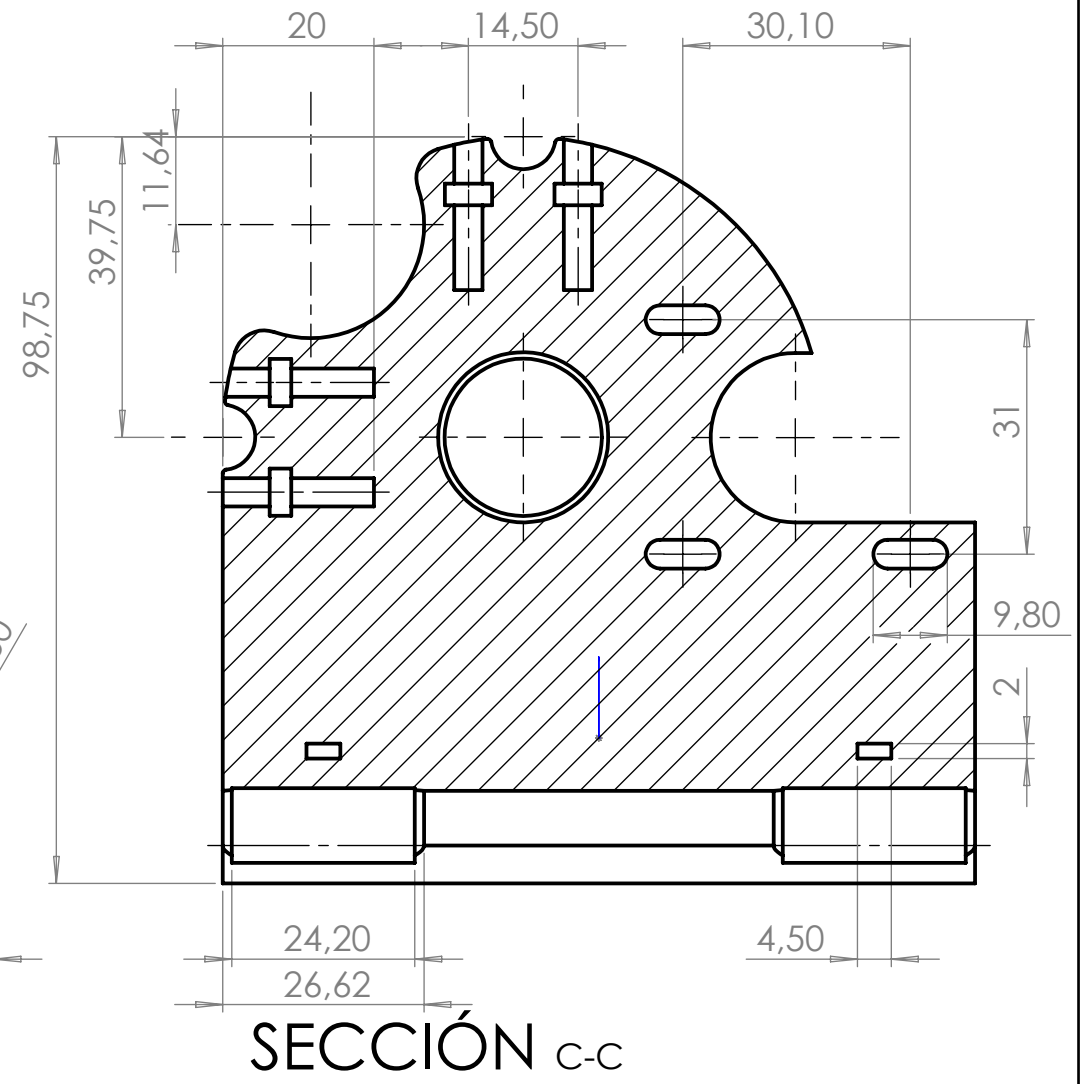
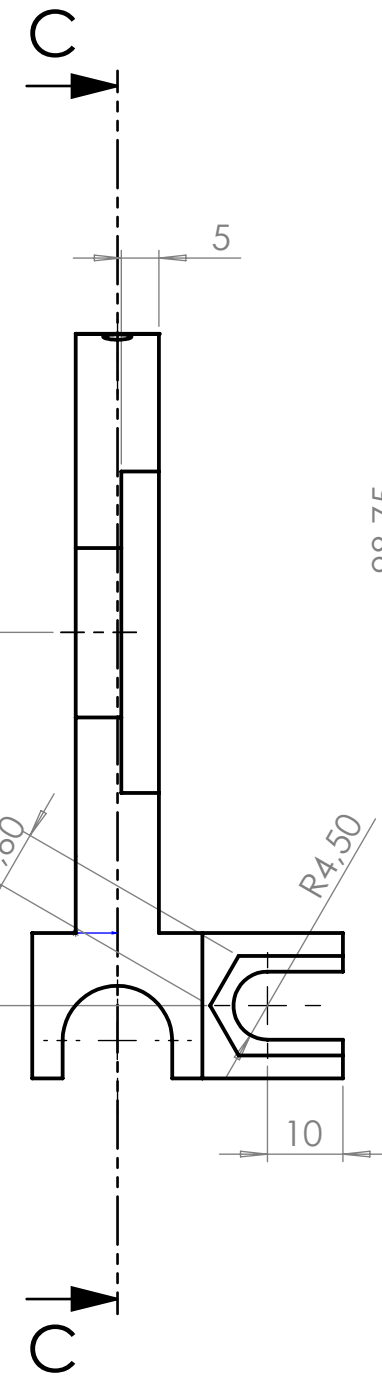
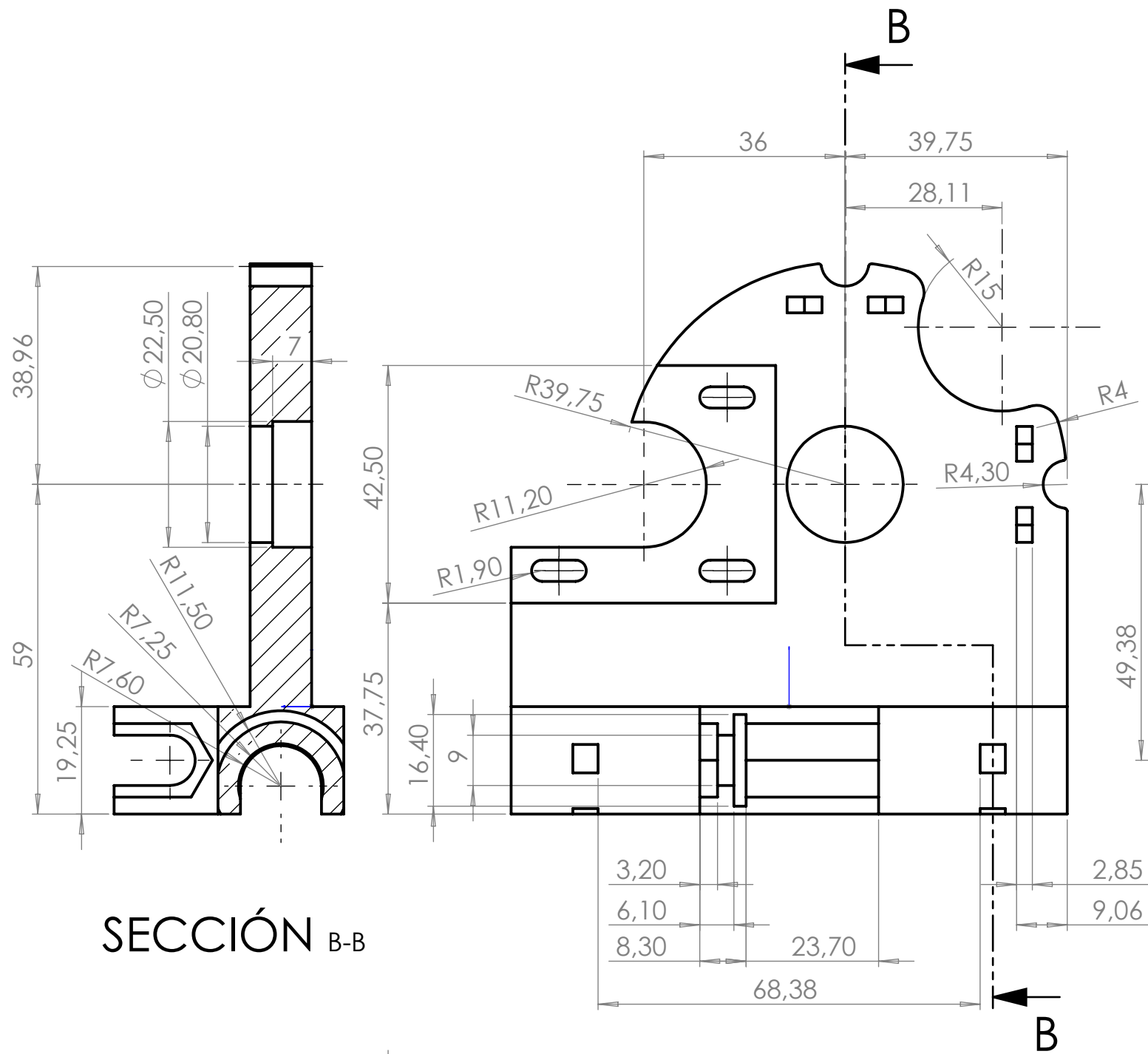
SMOOTH SHARP EDGES

DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	21/10/2016					
REVISED						
DATE	20/02/2017					
SCALE: 1:1	Fixador varilla llisa superior					

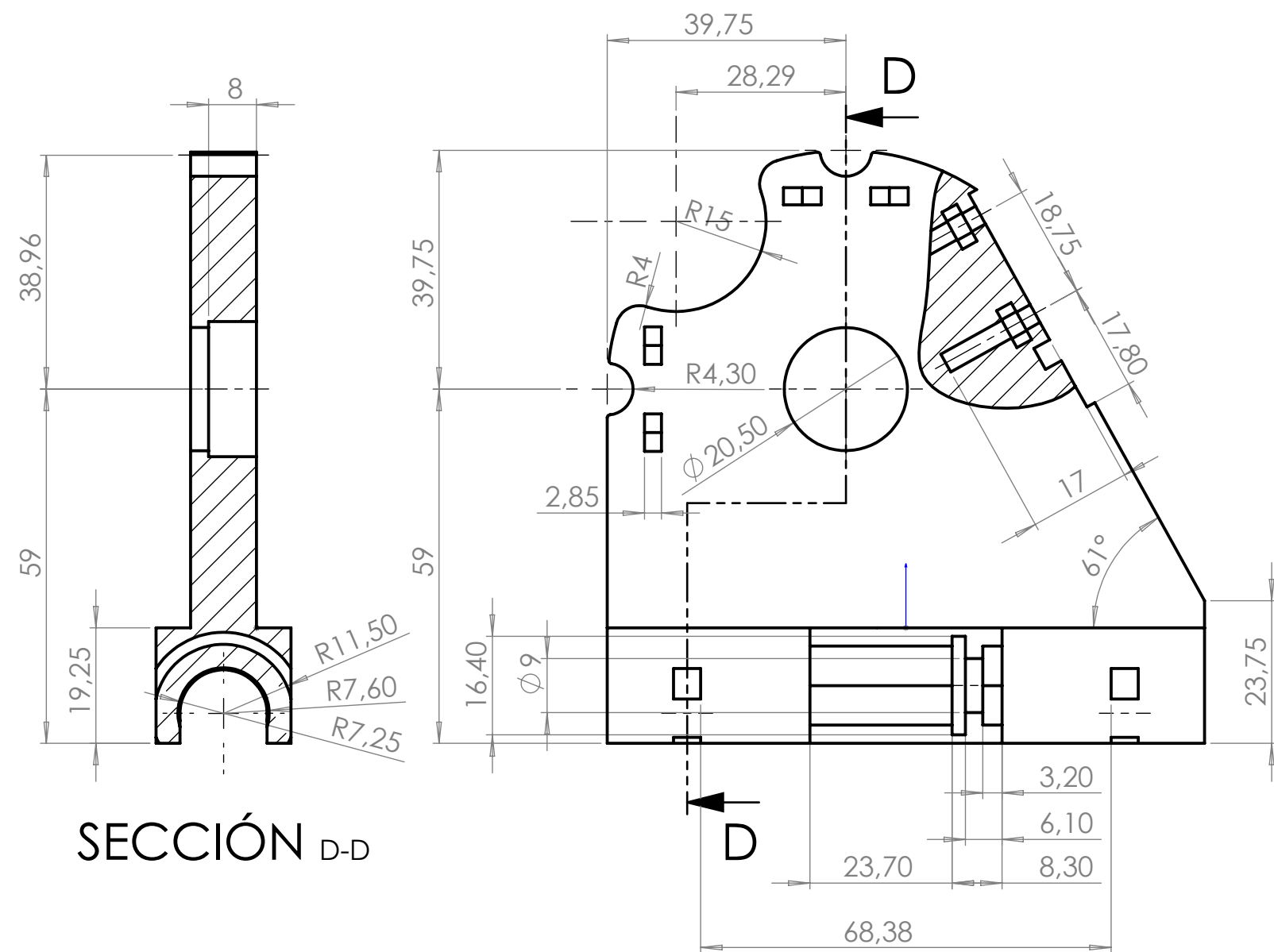


SMOOTH SHARP EDGES

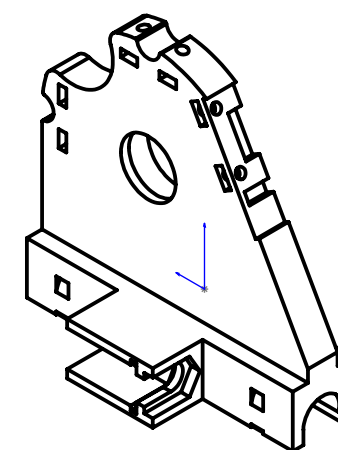
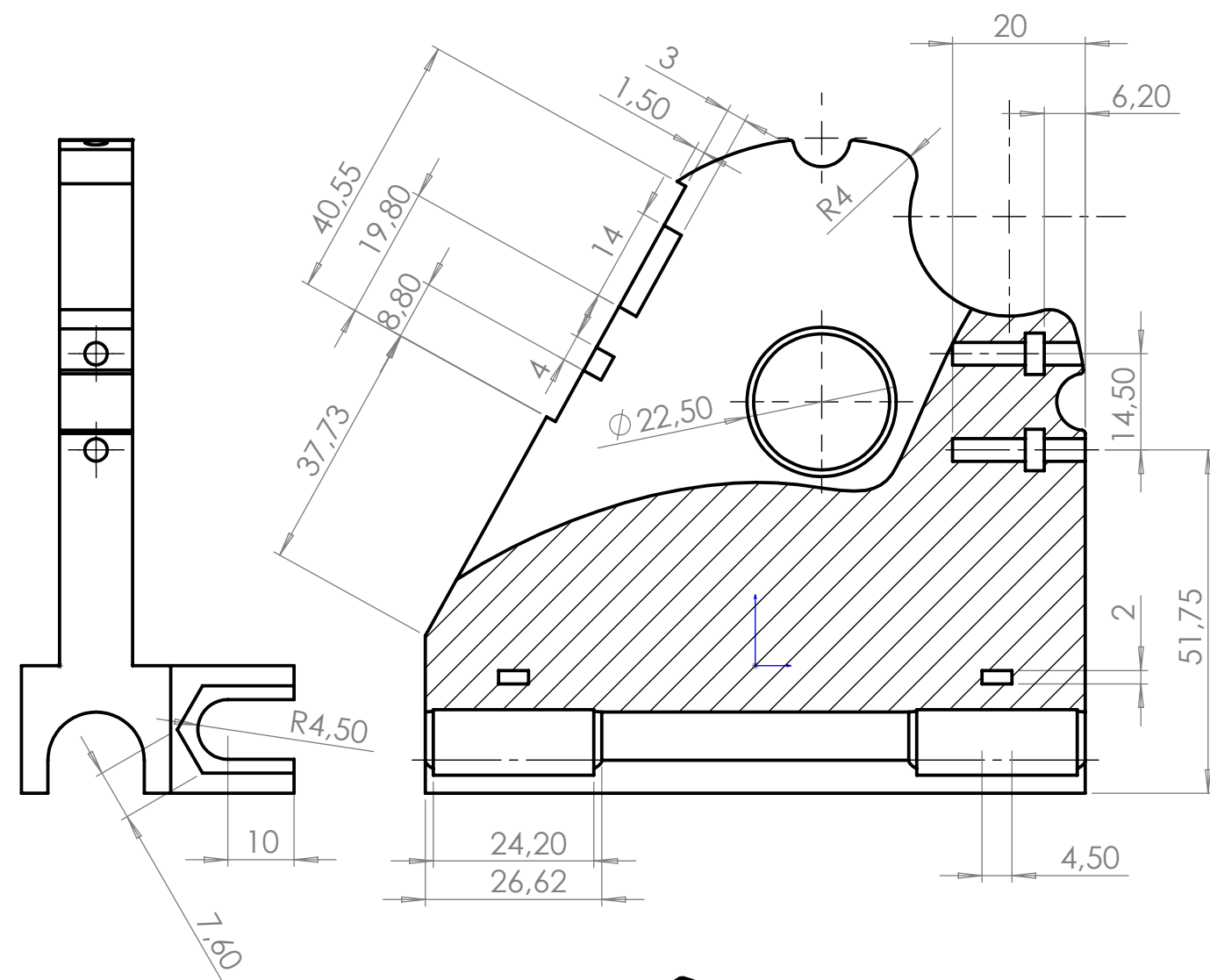
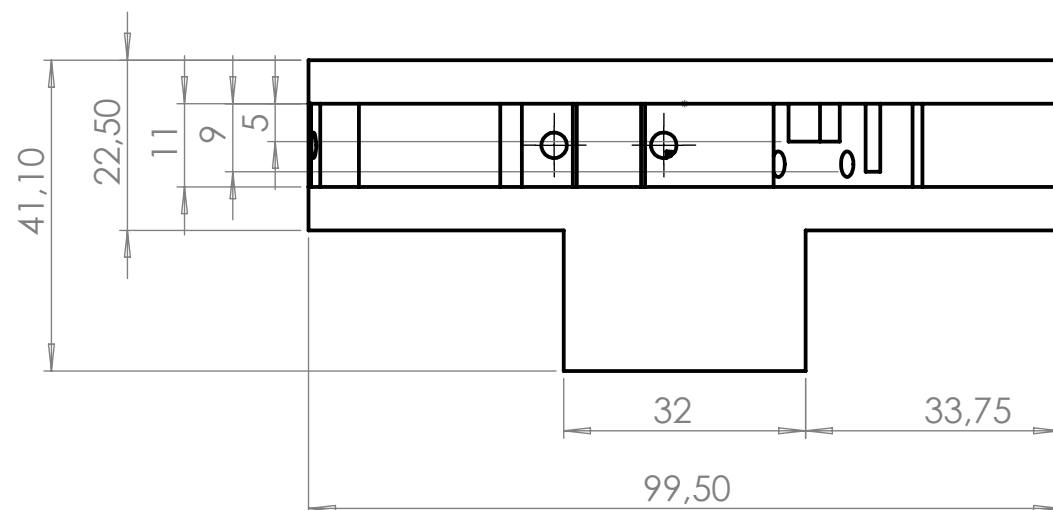
DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	21/10/2016					
REVISED						
DATE	20/02/2017					
SCALE: 1:1	Fixador varilla llisa					




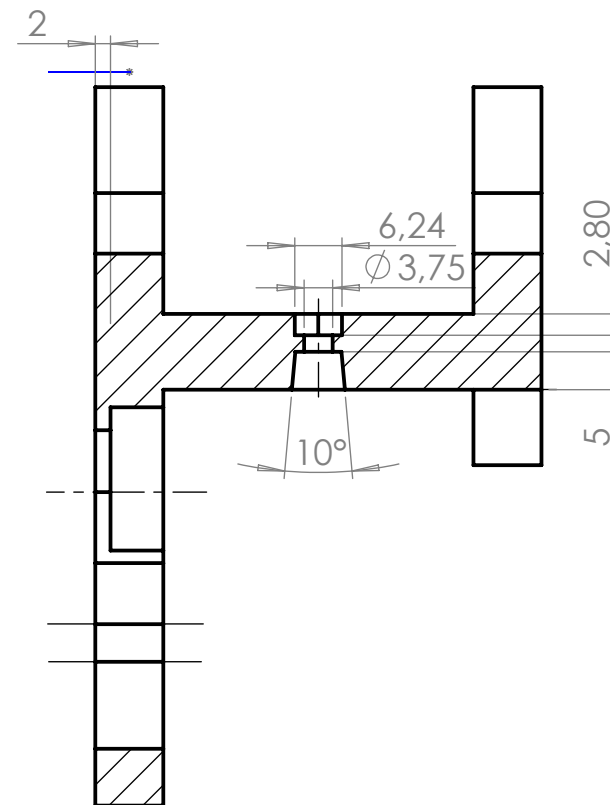
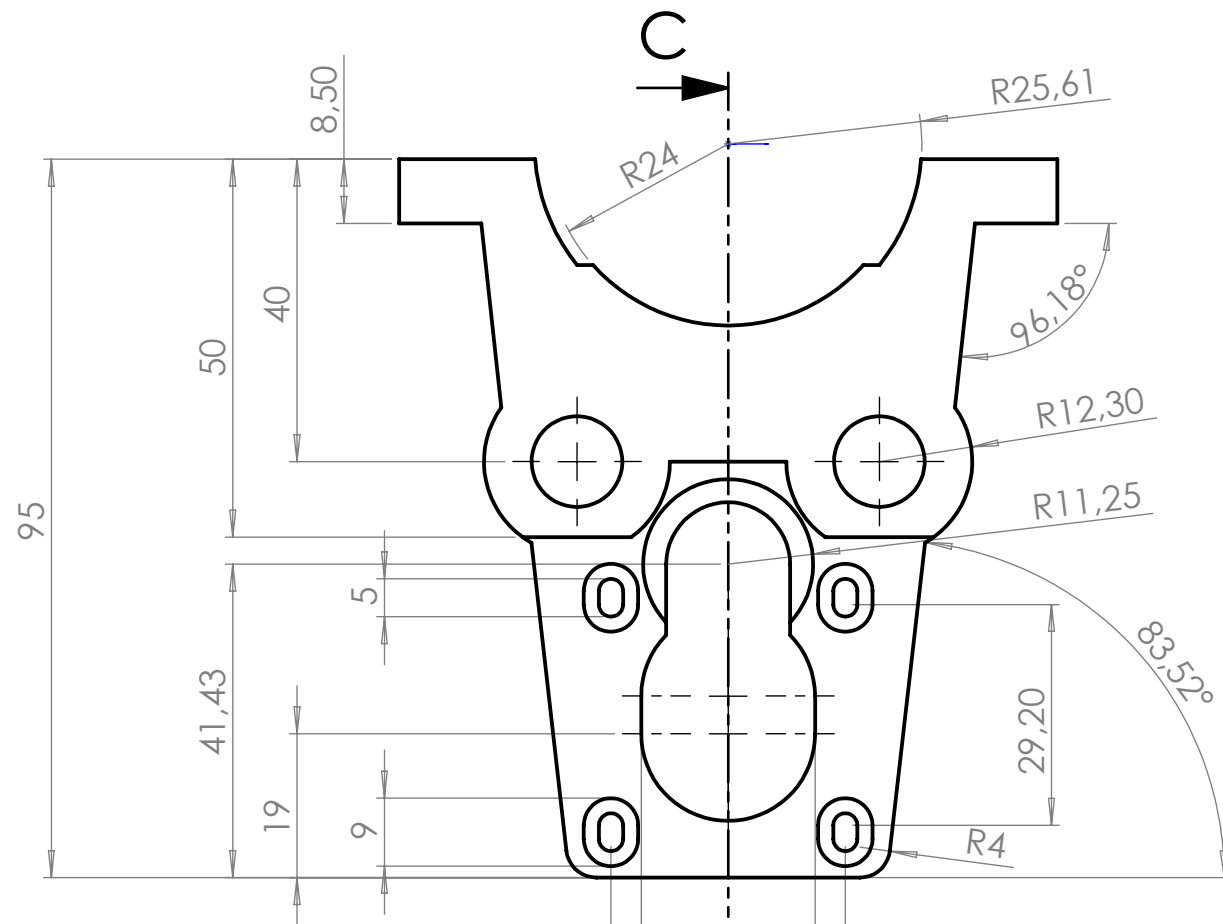
DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	09/05/2016					
REVISED						
DATE	19/02/2017					
SCALE:	1:1	Patí dret				



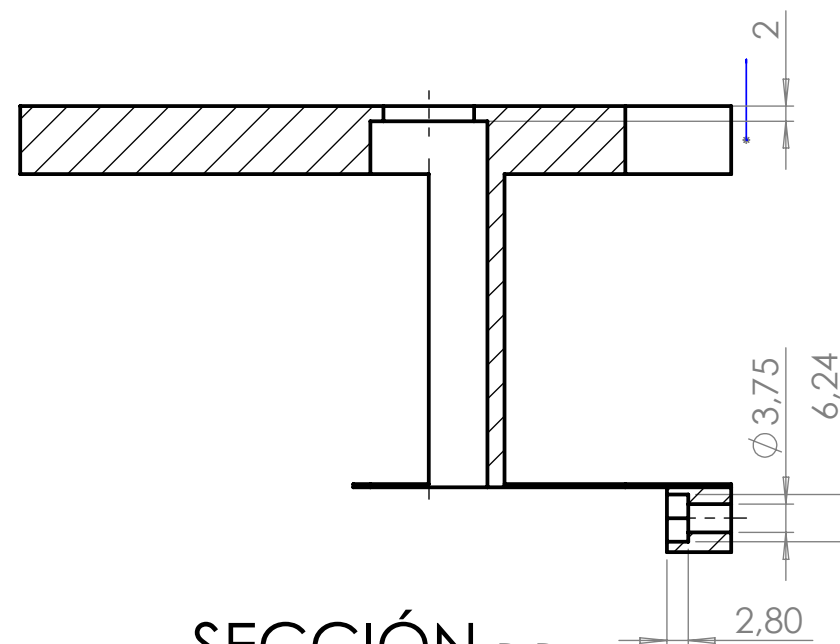
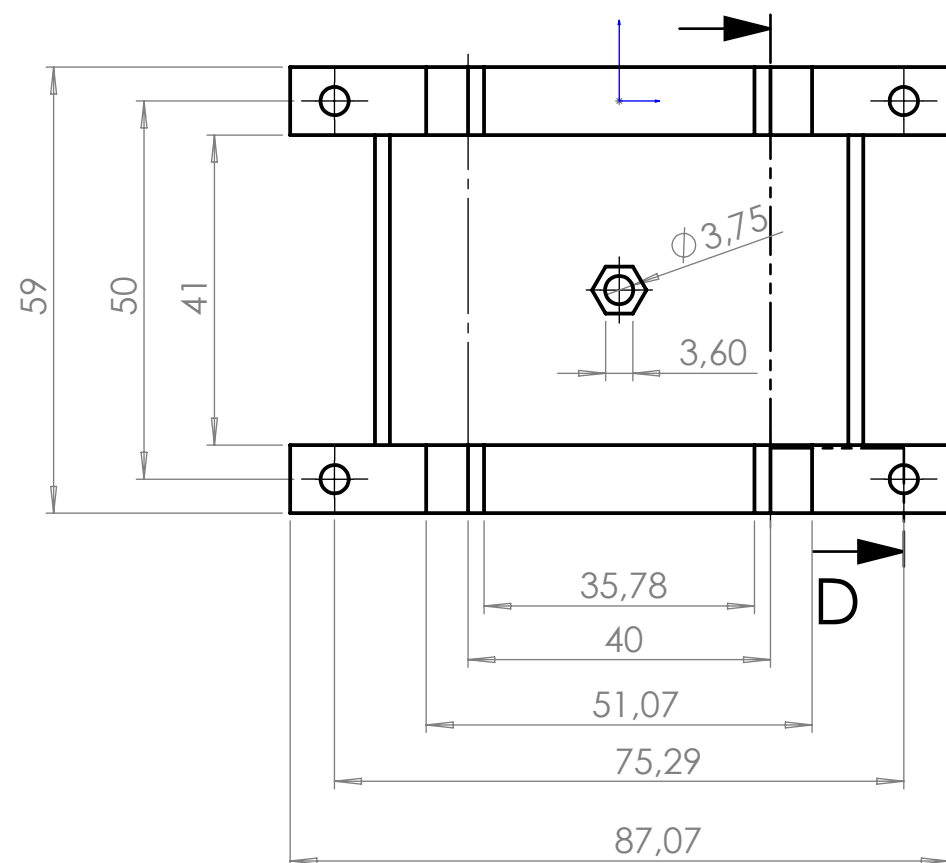
SECCIÓN D-D



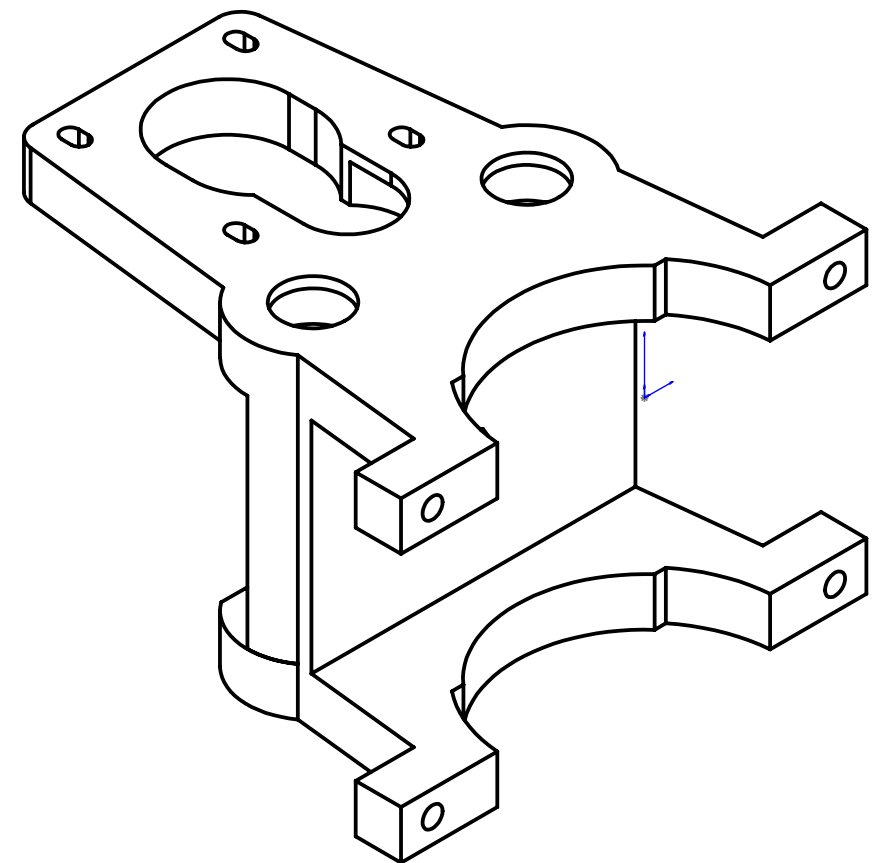
DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	09/05/2016					
REVISED						
DATE	21/02/2017					
SCALE:	1:1	Patí esquerra				



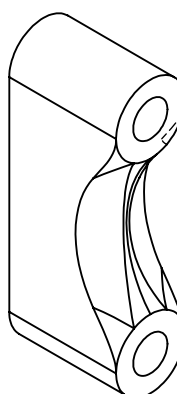
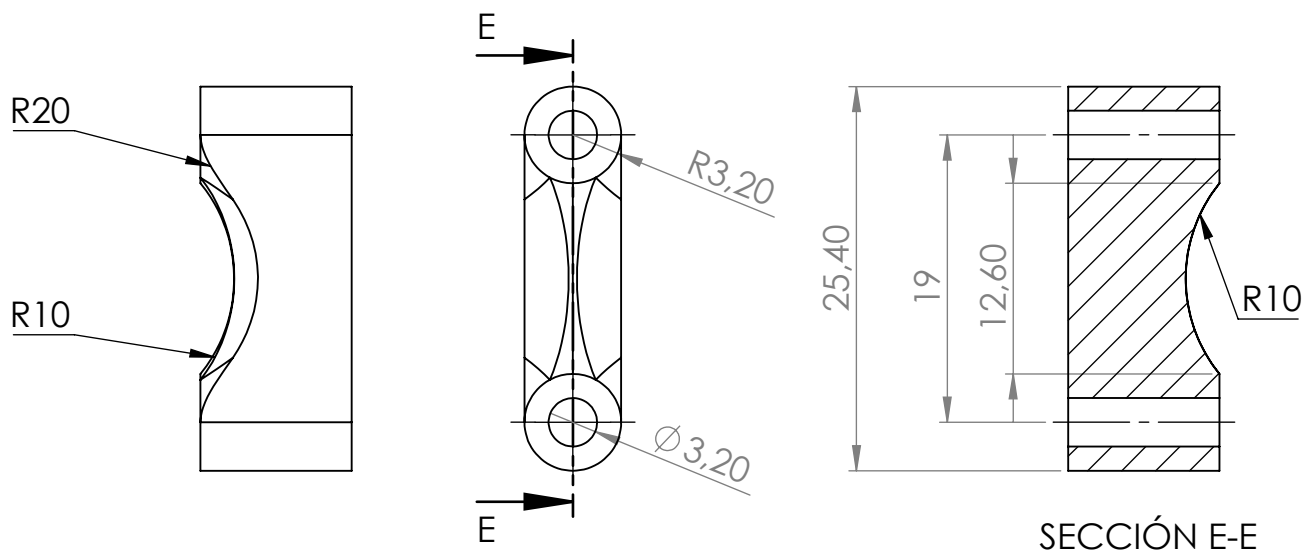
SECCIÓN C-C



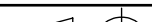
SECCIÓN D-D

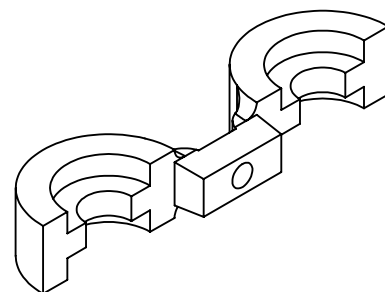
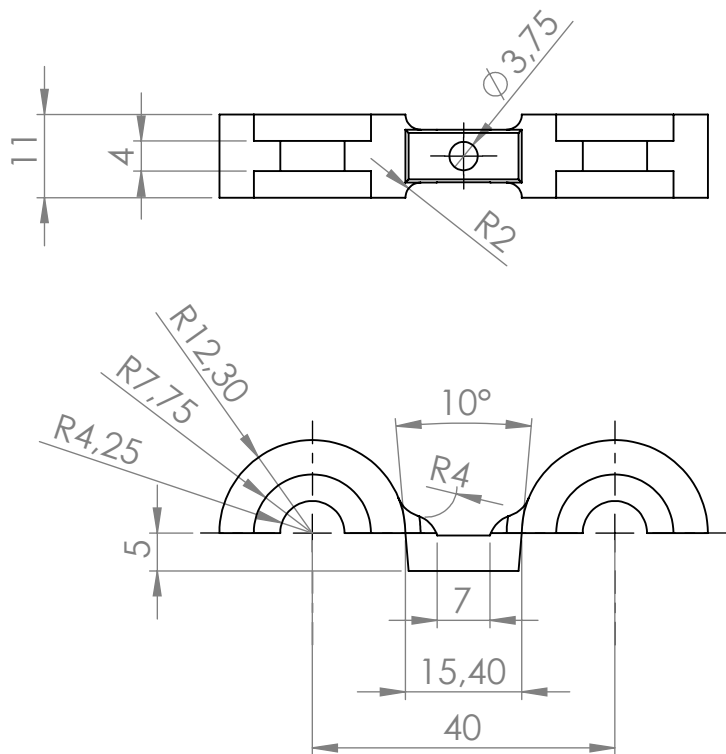


DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	09/05/2016					
REVISED						
DATE	21/02/2017					
SCALE:	1:1	Patí Superior				



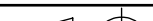
SMOOTH SHARP EDGES

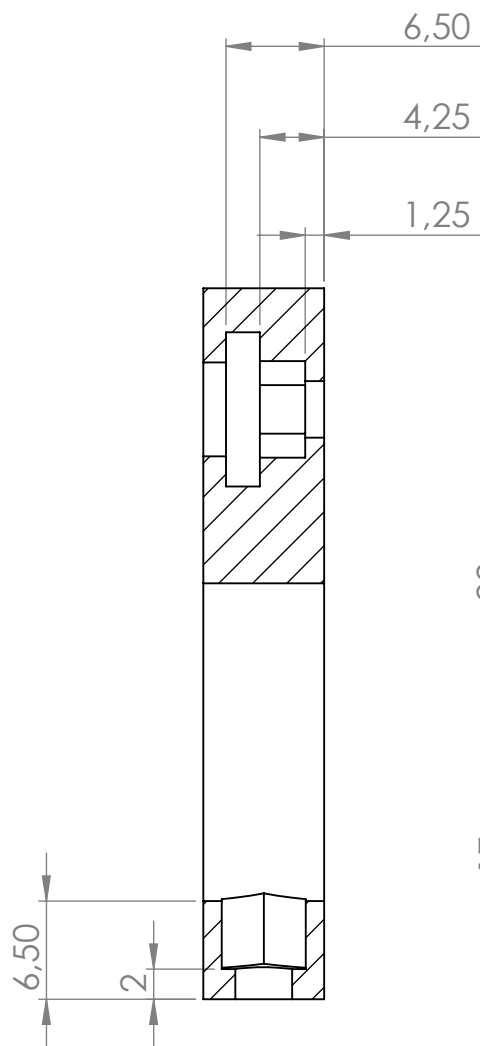
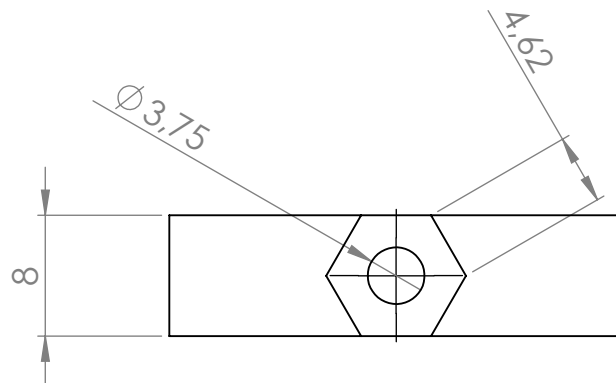
DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	21/10/2016					
REVISED						
DATE	18/02/2017					
SCALE: 2:1	Separador Finals de Cursa					



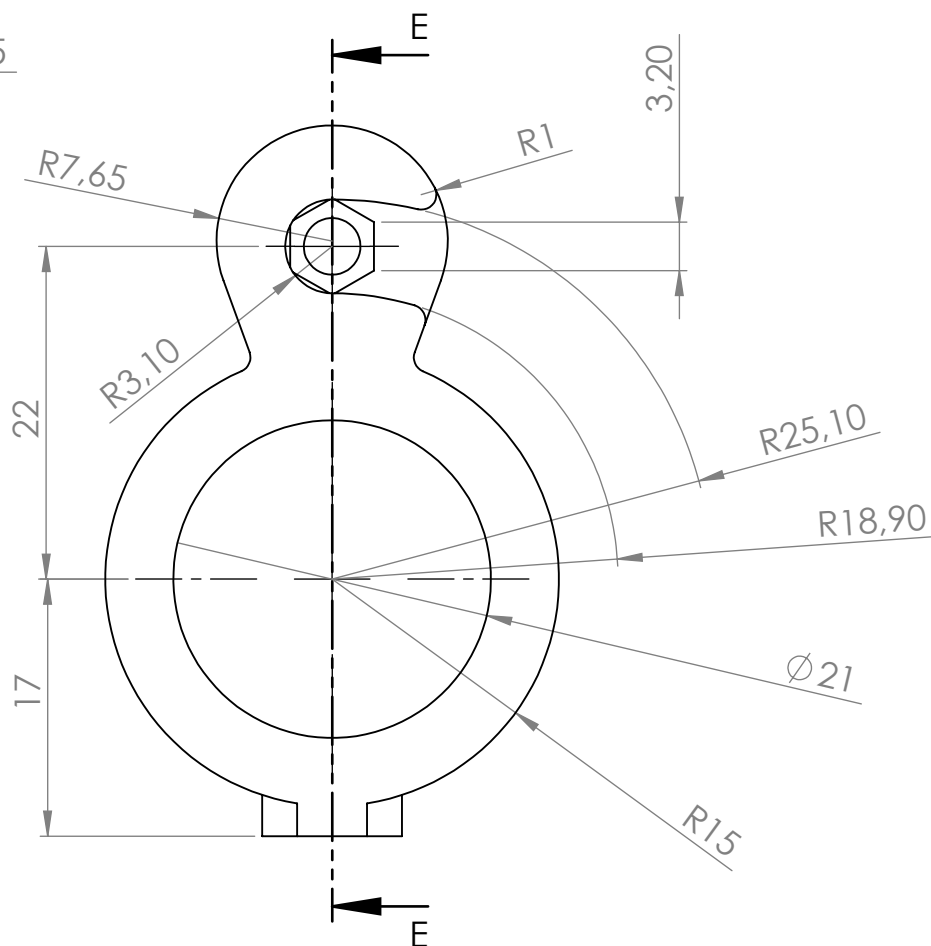
SMOOTH SHARP EDGES

e:

DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	21/10/2016					
REVISED						
DATE	18/05/2017					
SCALE: 1:1	Separador Rodaments					

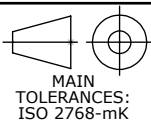


SECCIÓN E-E

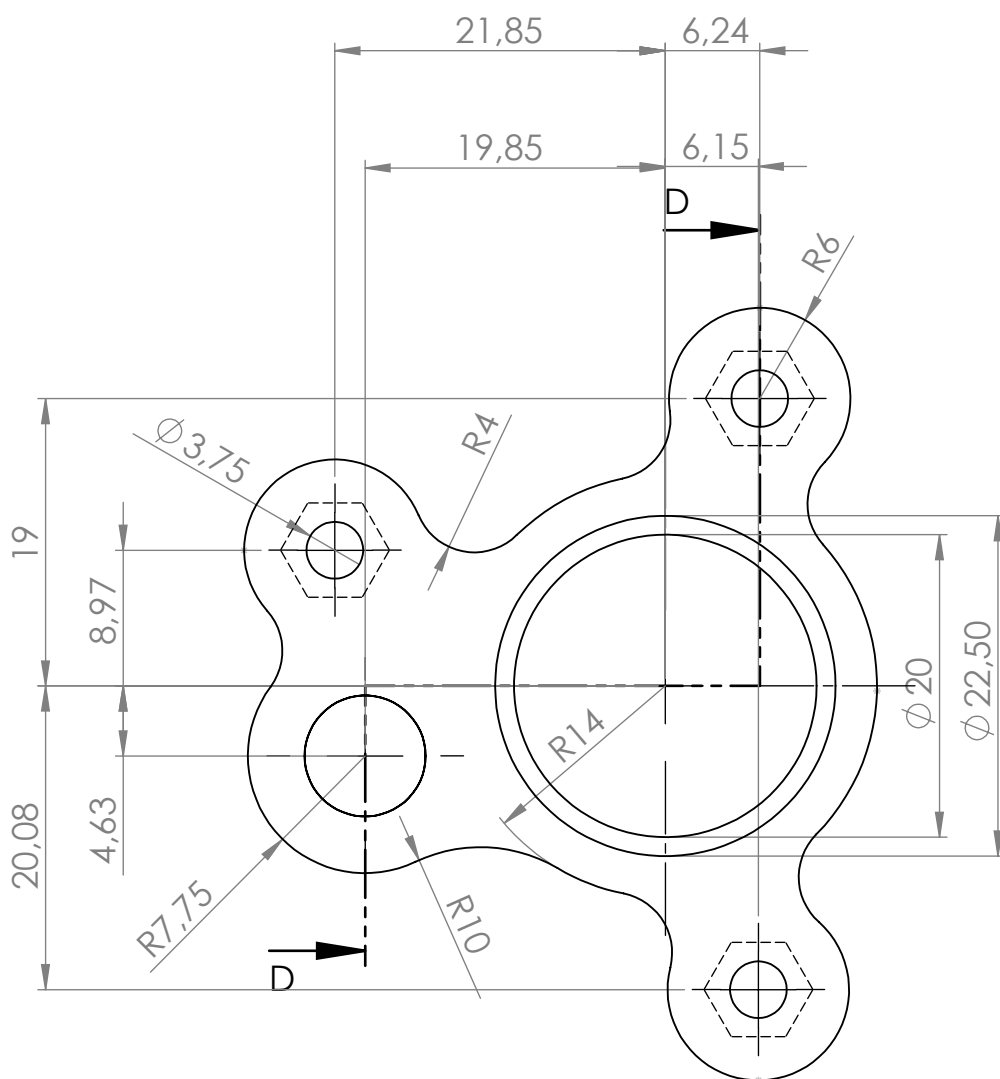


SMOOTH SHARP EDGES

e:

DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 <p>MAIN TOLERANCES: ISO 2768-mK</p>	
DATE	21/10/2016					
REVISED						
DATE	18/05/2017					
SCALE: 2:1	Suport autolevel					

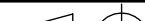
N7



SECCIÓN D-D
ESCALA 2:1

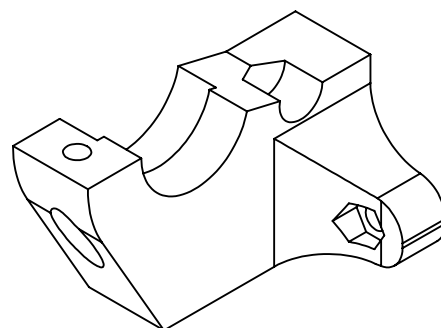
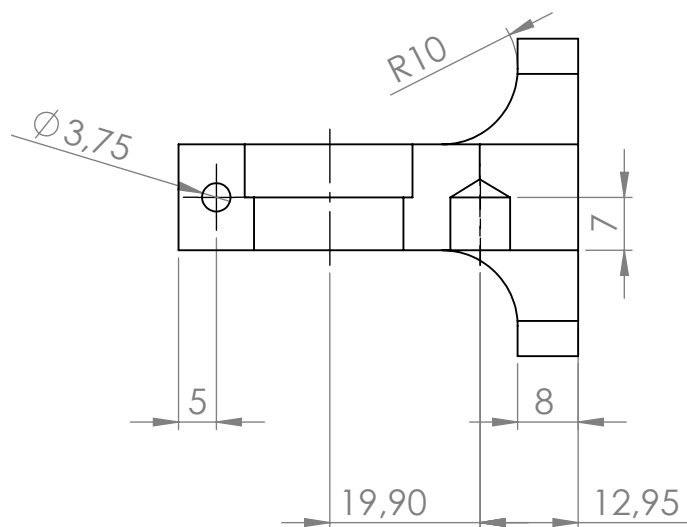
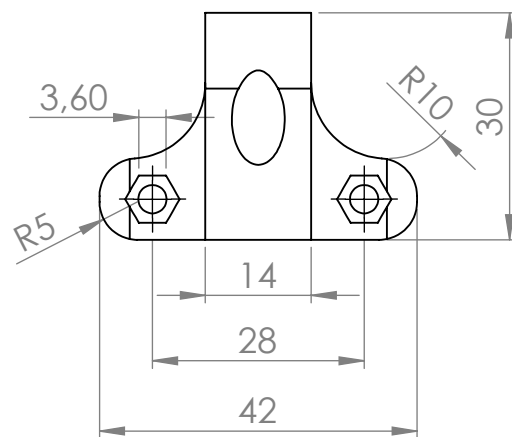
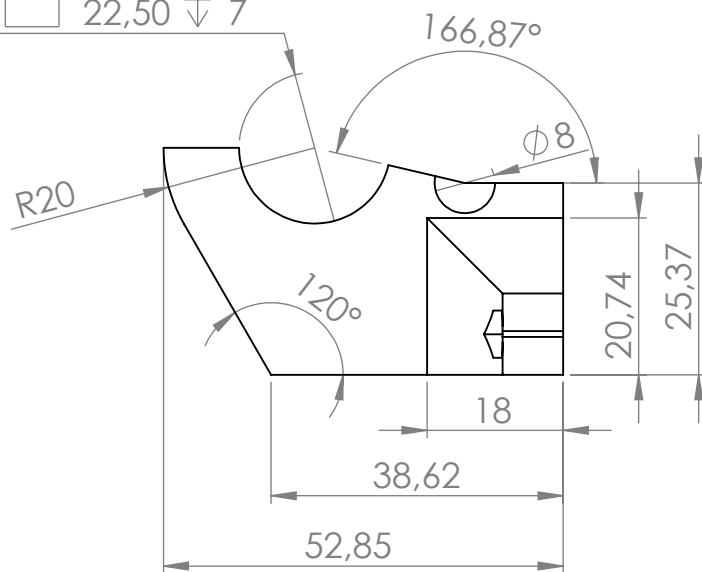
SMOOTH SHARP EDGES

e: 9mm

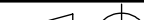
DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	21/10/2016					
REVISED						
DATE	18/02/2017					
SCALE: 1:1	Suport rodaments darrere					

20 X 5 POR TODO

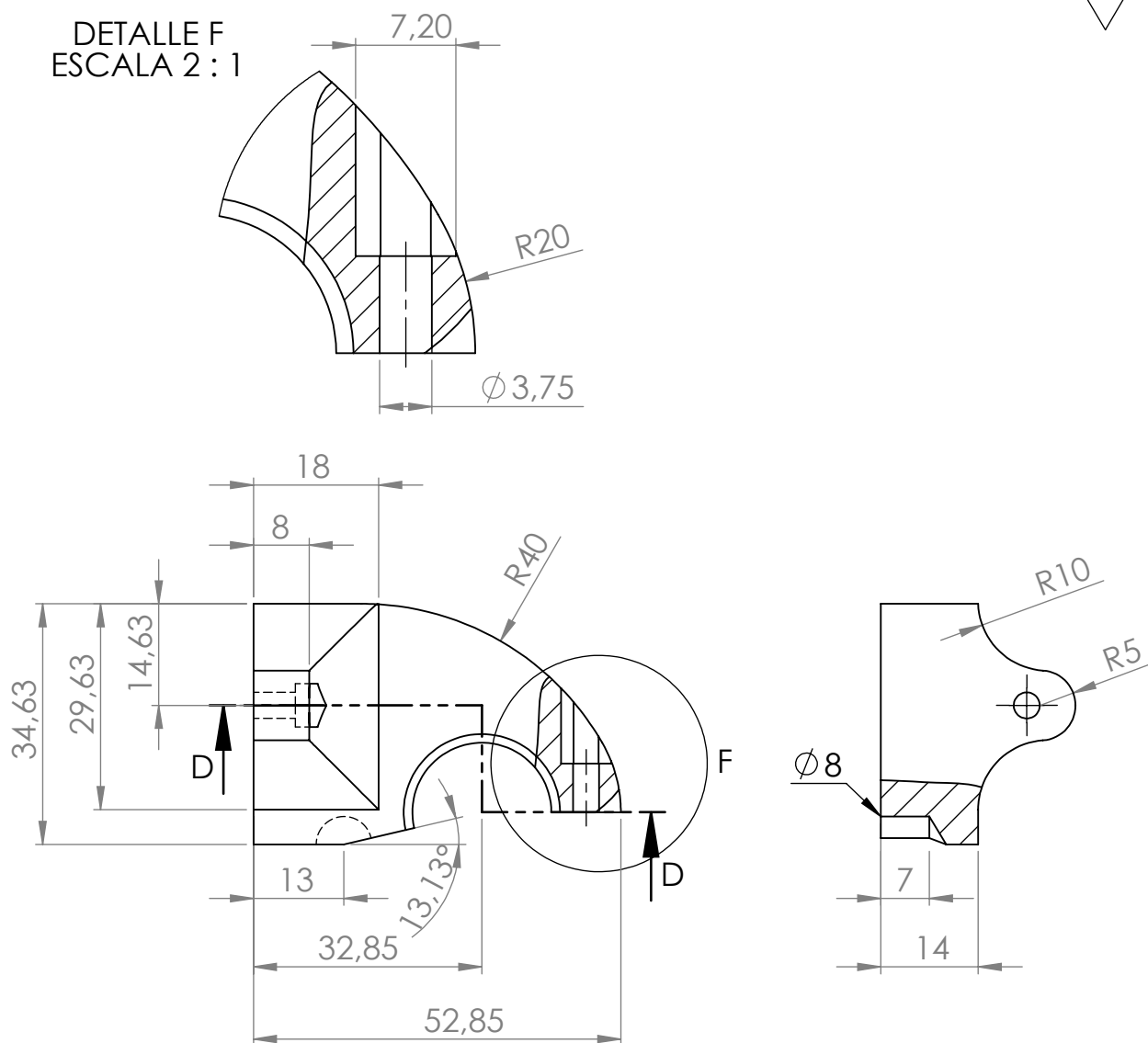
22,50 ∇ 7



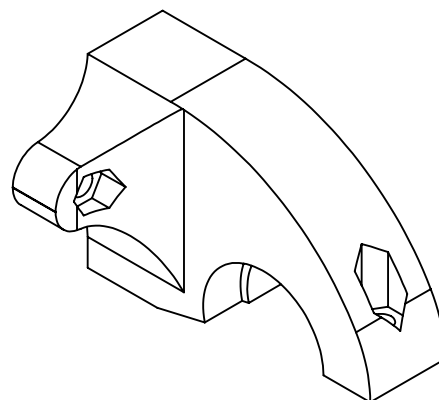
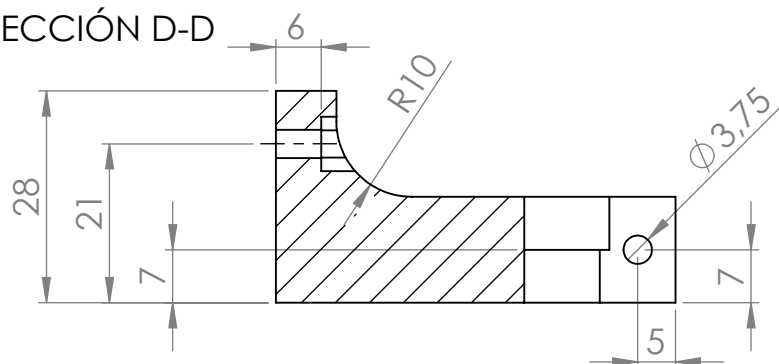
SMOOTH SHARP EDGES

DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	21/10/2016					
REVISED						
DATE	18/02/2017					
SCALE: 1:1	Suport rodaments davant inferior					


DETALLE F
ESCALA 2 : 1




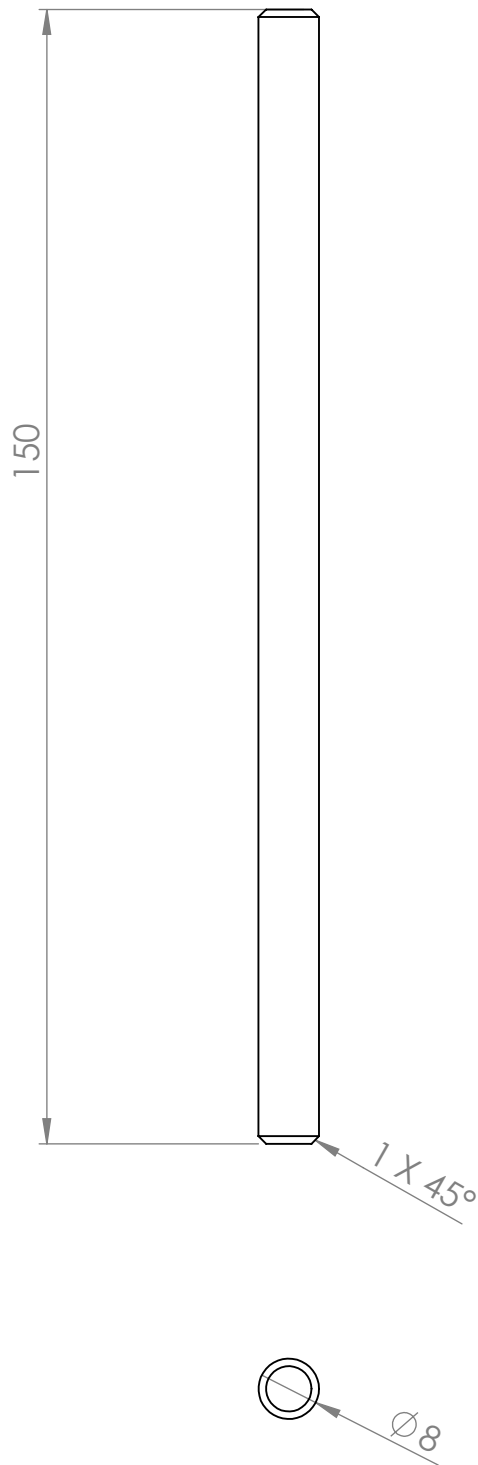
SECCIÓN D-D



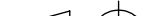
SMOOTH SHARP EDGES

DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	21/10/2016					
REVISED						
DATE	18/02/2017					
SCALE: 1:1	Suport rodaments davant					

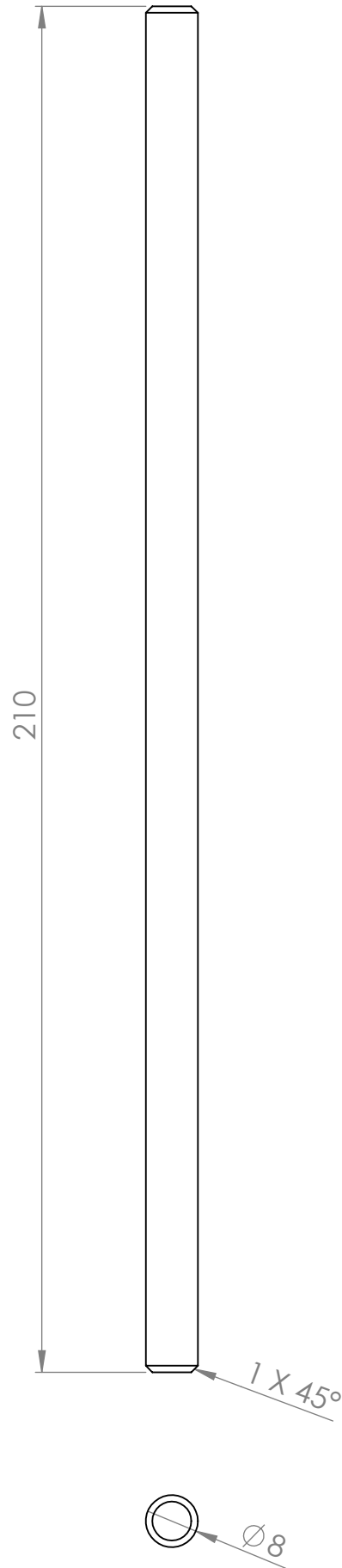
<i>DRAUGHTSMAN</i>	<i>Marc Navarro</i>	<i>MATERIAL</i>	<i>TREADMENT</i>	<i>FINISHED</i>	 <p>MAIN TOLERANCES: ISO 2768-mK</p>	
<i>DATE</i>	<i>21/02/2017</i>					
<i>REVISED</i>						
<i>DATE</i>	<i>21/02/2017</i>					
<i>SCALE: 1:2</i>	<i>Tapa Carcassa</i>					




SMOOTH SHARP EDGES

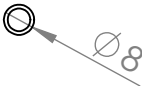
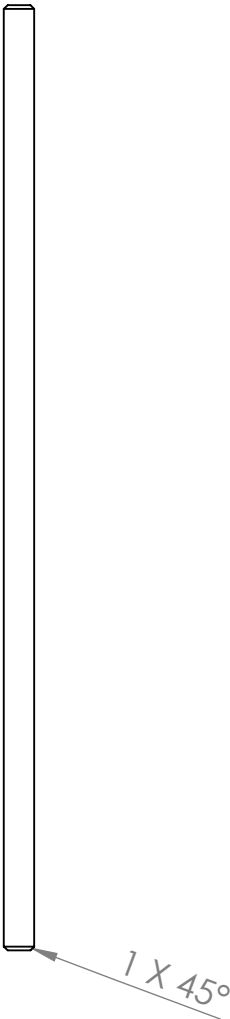
DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	22/02/2017					
REVISED						
DATE	18/05/2017					
SCALE: 1:1	Varilla Lisa M8x150mm					

N2/




SMOOTH SHARP EDGES

DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	22/02/2017					
REVISED						
DATE	18/05/2017					
SCALE: 1:1	Varilla Lisa M8x210mm					



SMOOTH SHARP EDGES

DRAUGHTSMAN	Marc Navarro	MATERIAL	TREADMENT	FINISHED	 MAIN TOLERANCES: ISO 2768-mK	
DATE	22/02/2017					
REVISED						
DATE	18/05/2017					
SCALE: 1:2	Varilla Lisa M8x250mm					