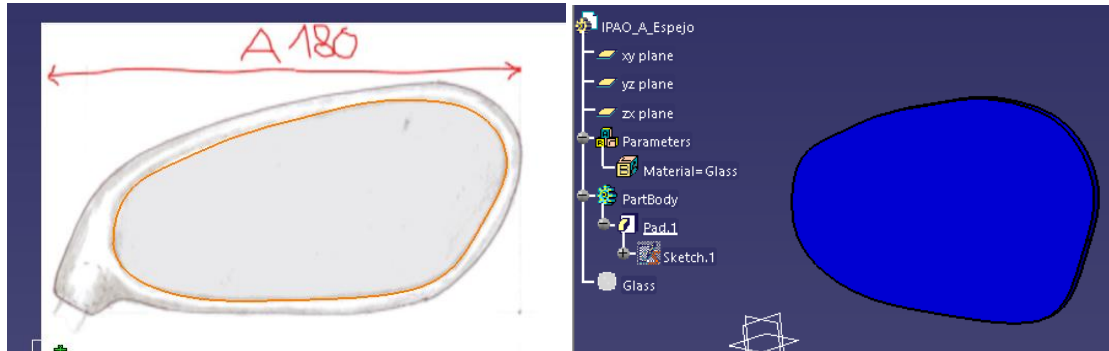


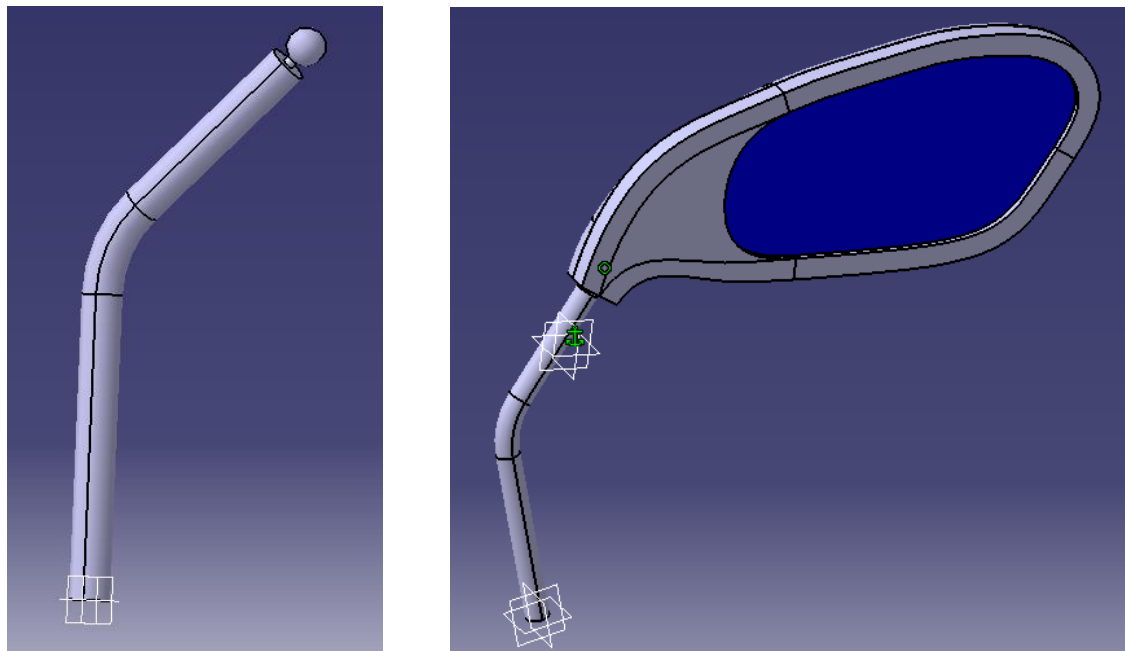
1 CD y papel presentación del documento con poster en A3 y video corto. (1.0p)

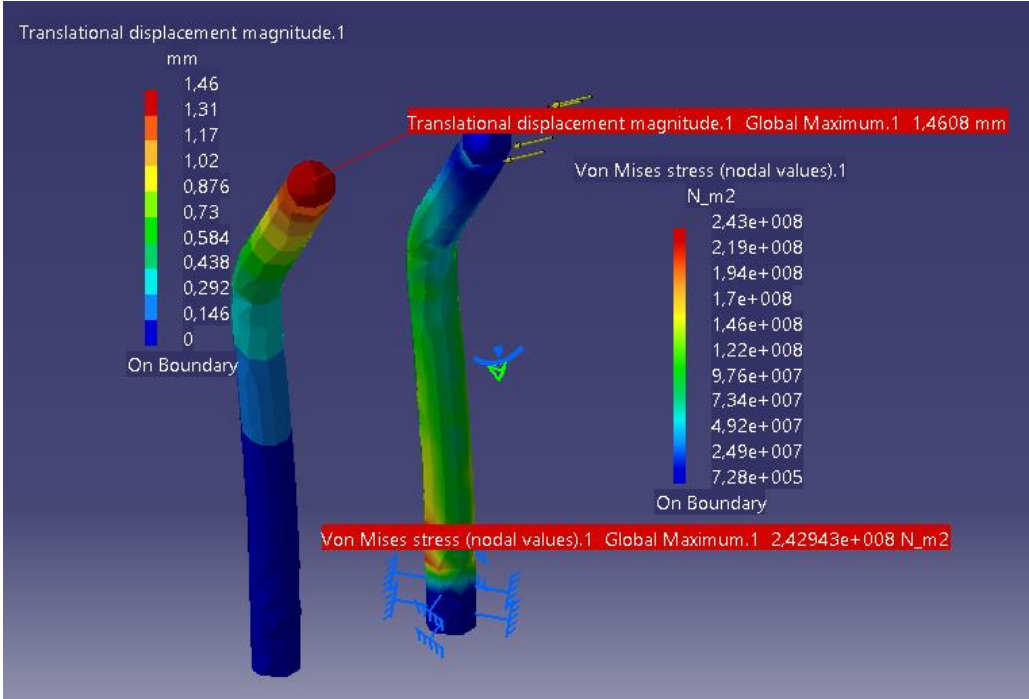
Link archivos Catia y video: [ProyectoIPAO_A - OneDrive \(sharepoint.com\)](#)

2 Espejo como croquis. (0.5p)

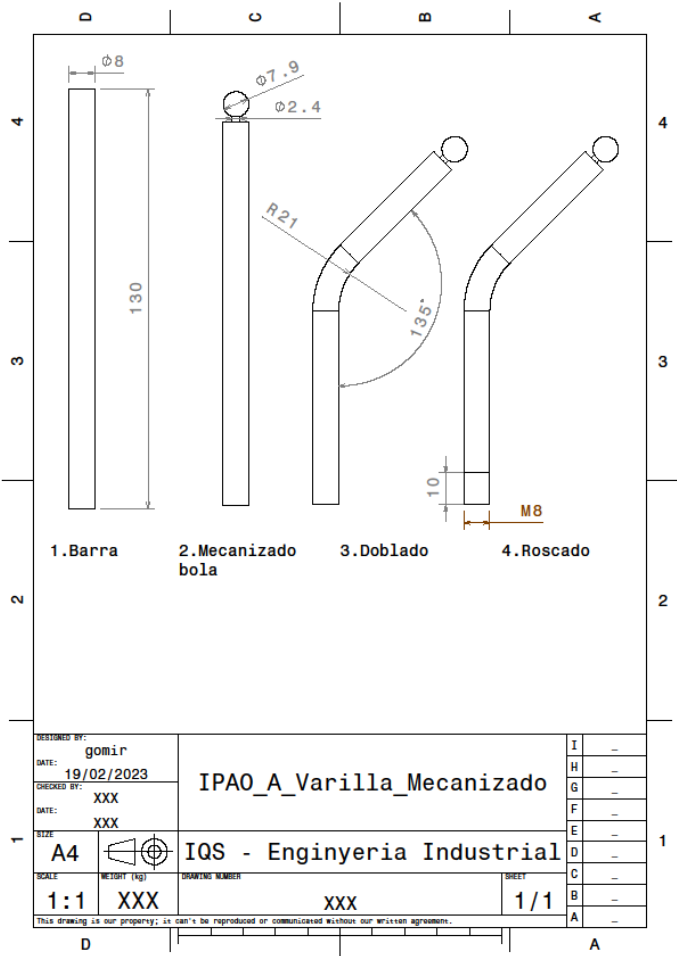


3 0.2 Varilla con 0.15 proceso mecanizado y 0.15 cálculo fuerza en la punta. (0.5p)

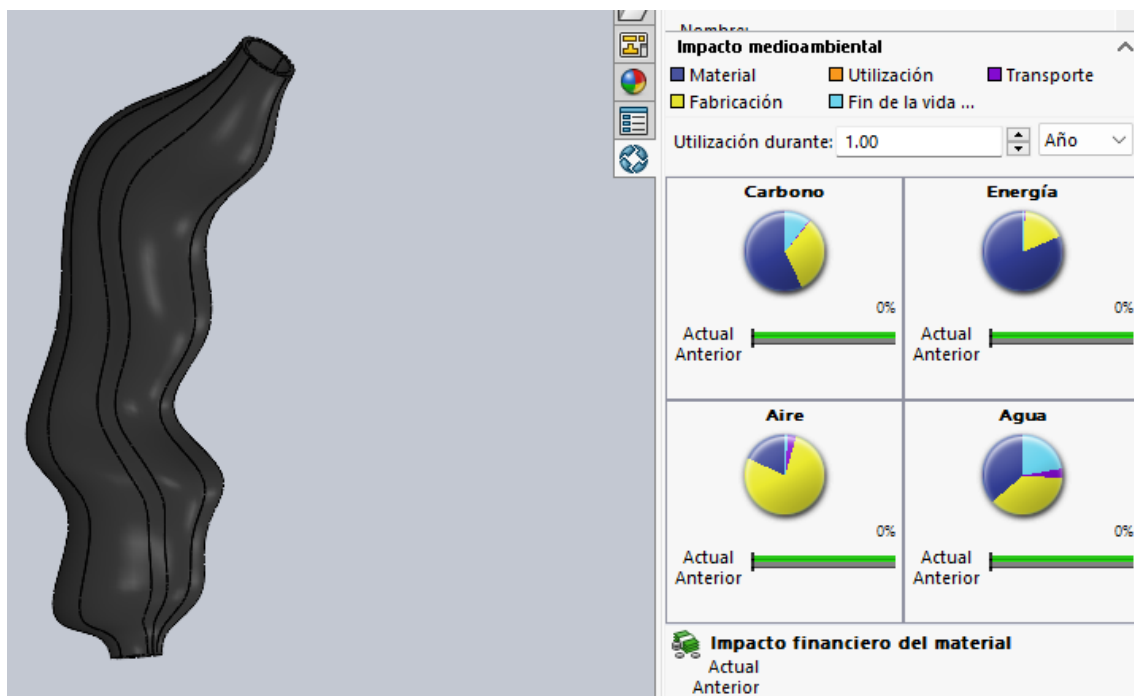
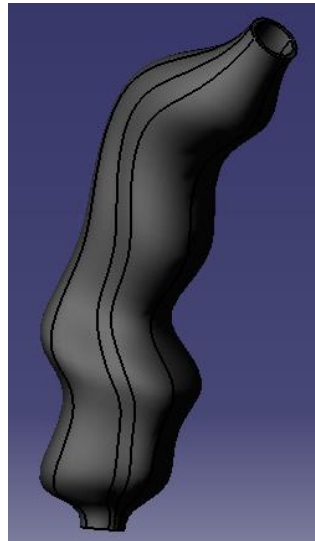




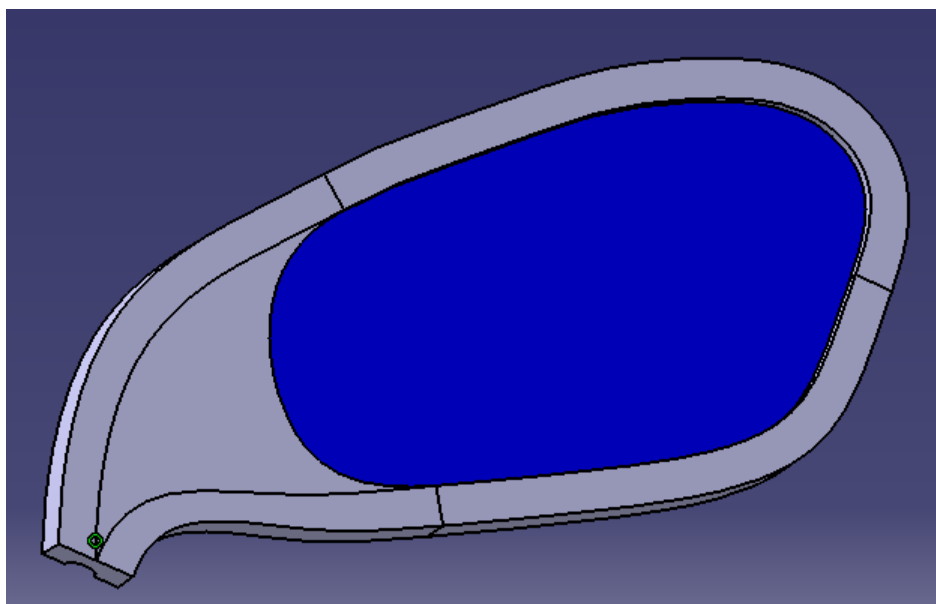
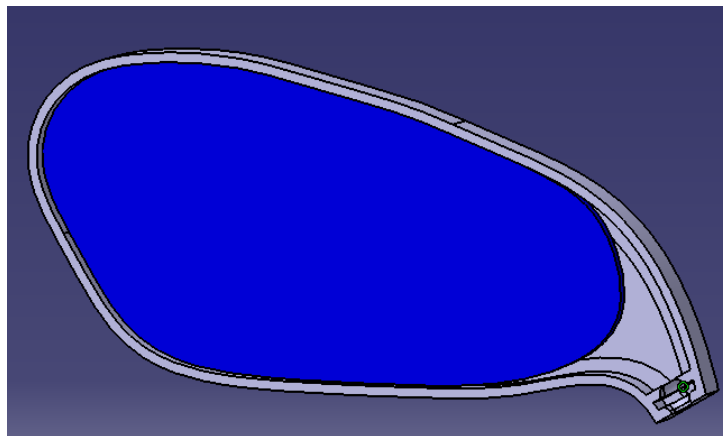
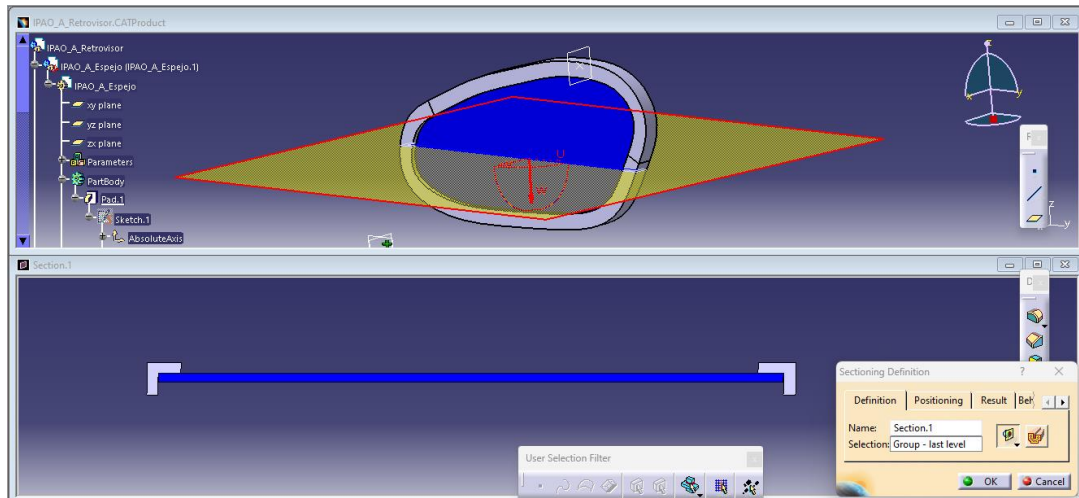
Proceso de mecanizado



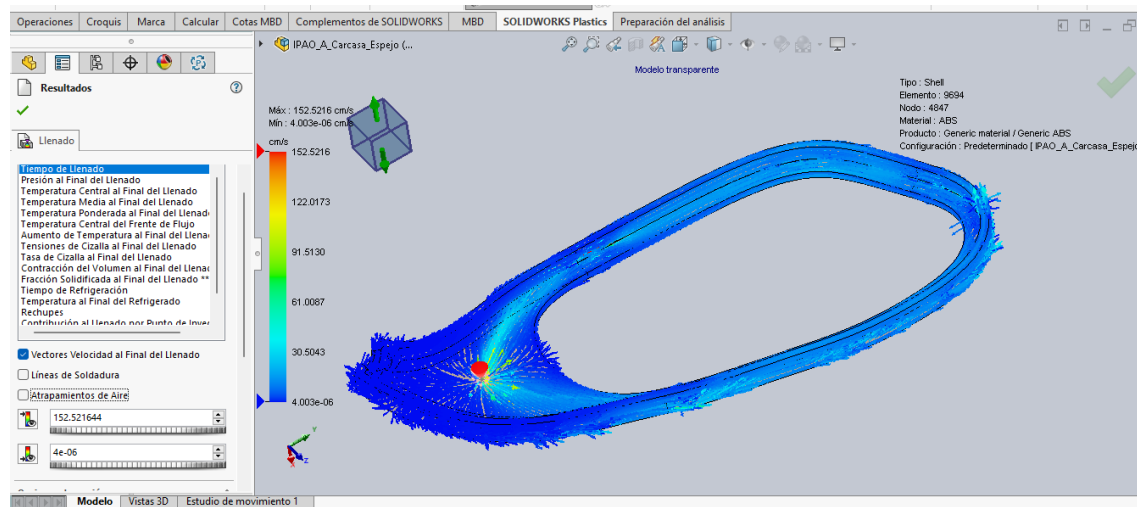
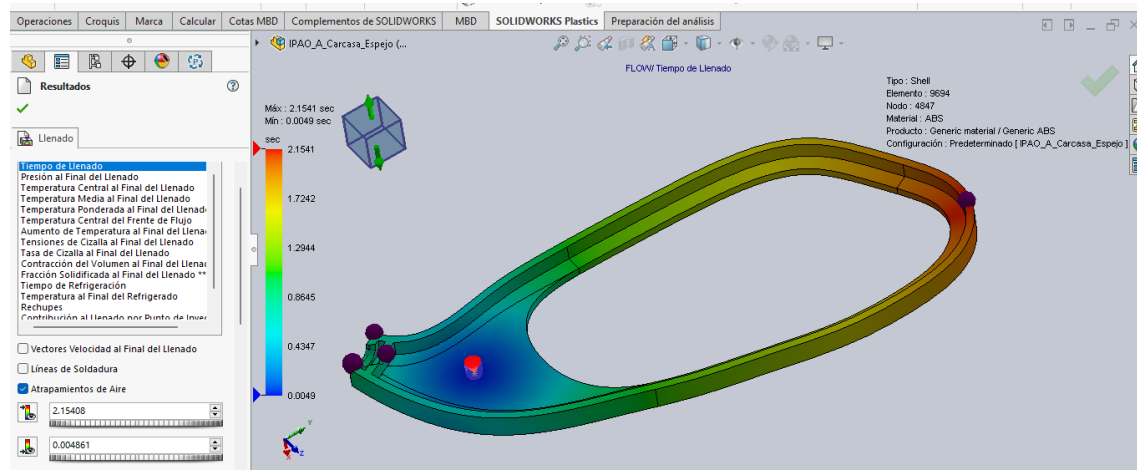
4 0.5 Goma tipo fuelle + 0.5 estudio medioambiental (S) (1.0p).



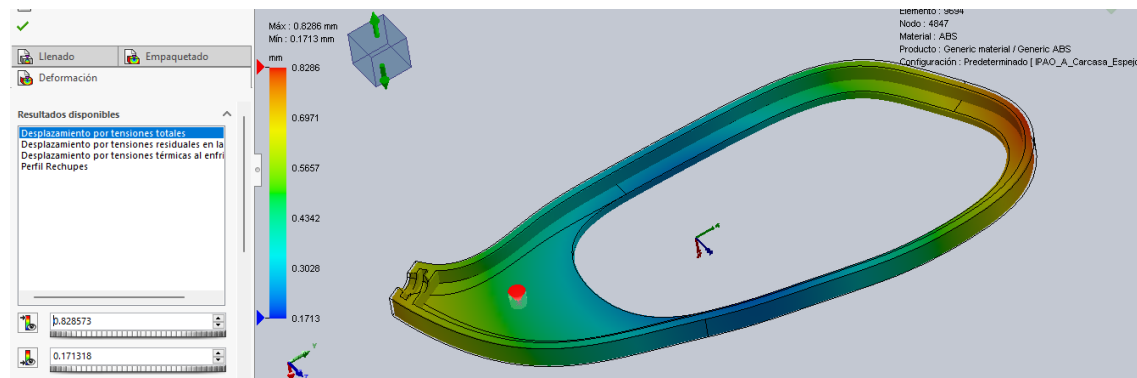
5 0.5 Carcasa espejo con desmoldeo + 0.5 inyección(S) (1.0p).



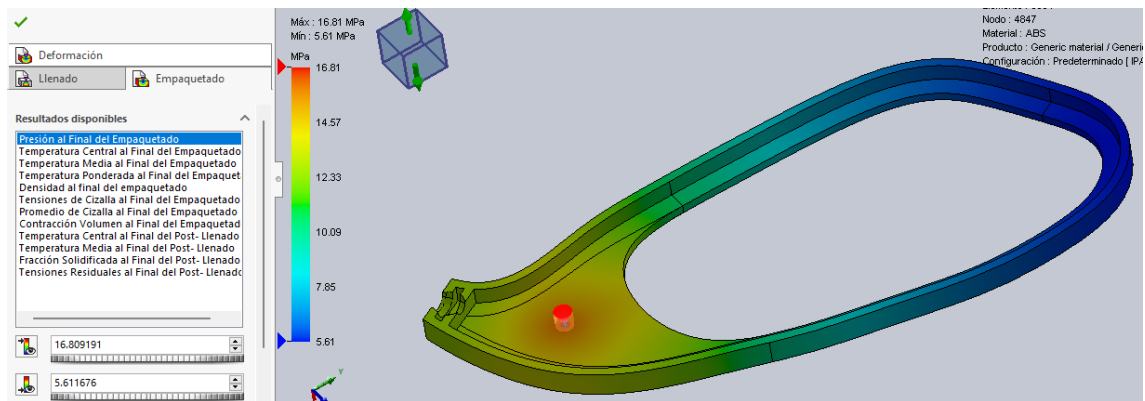
Llenado



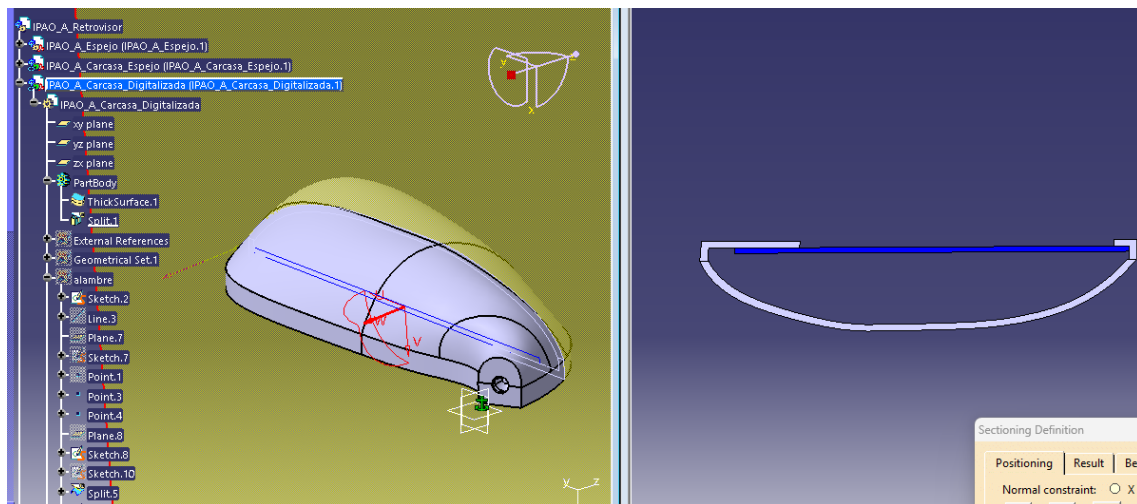
Deformación



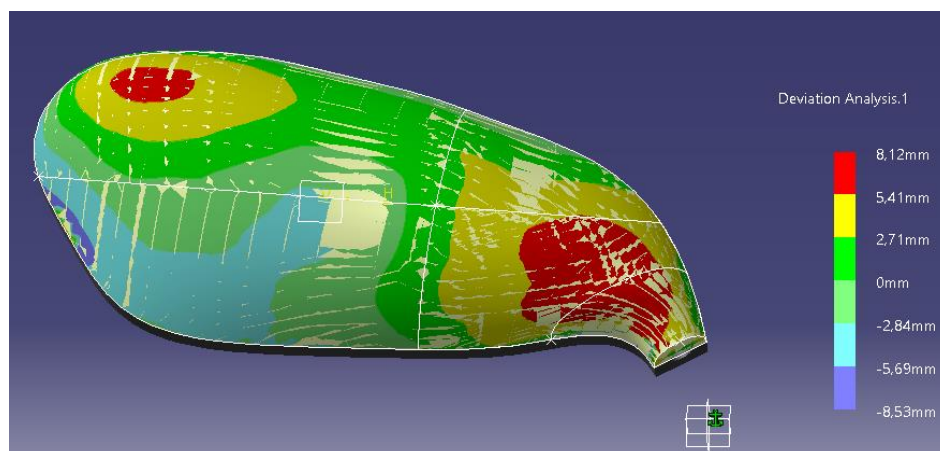
Empaquetado

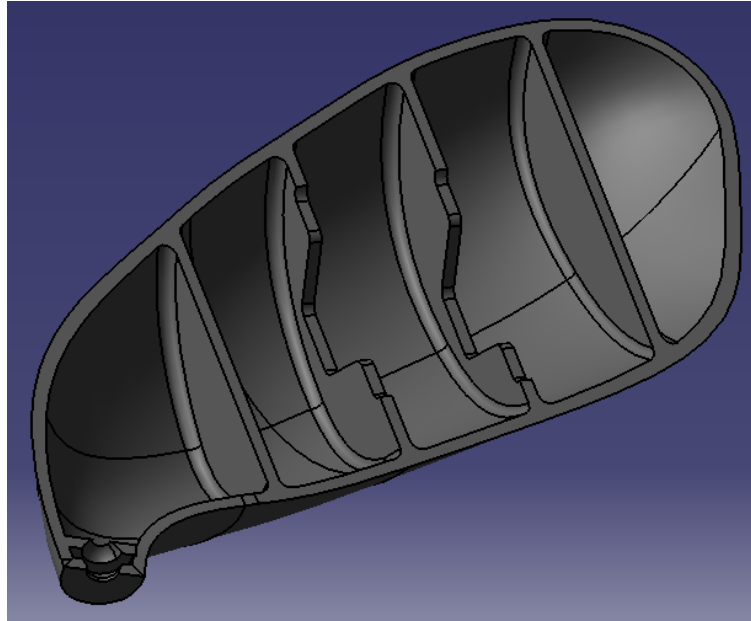


0.5 Carcasa anterior + 0.5 como nube de puntos y desmoldeo (1.0p).

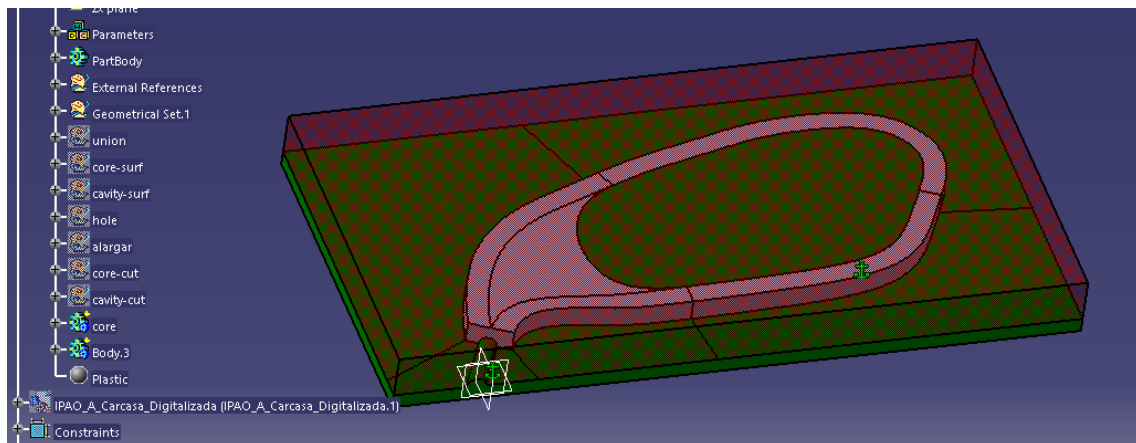


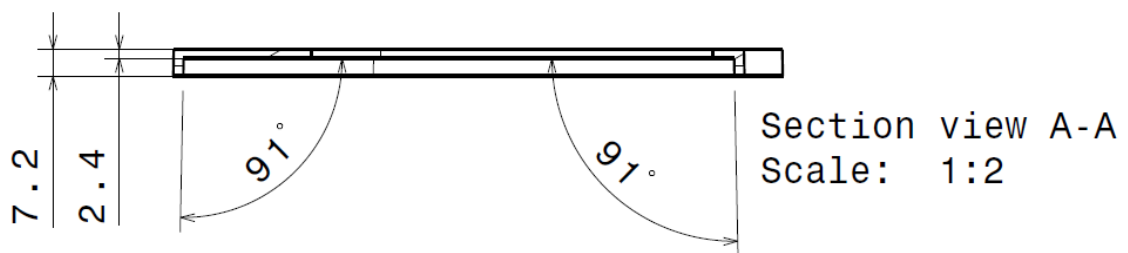
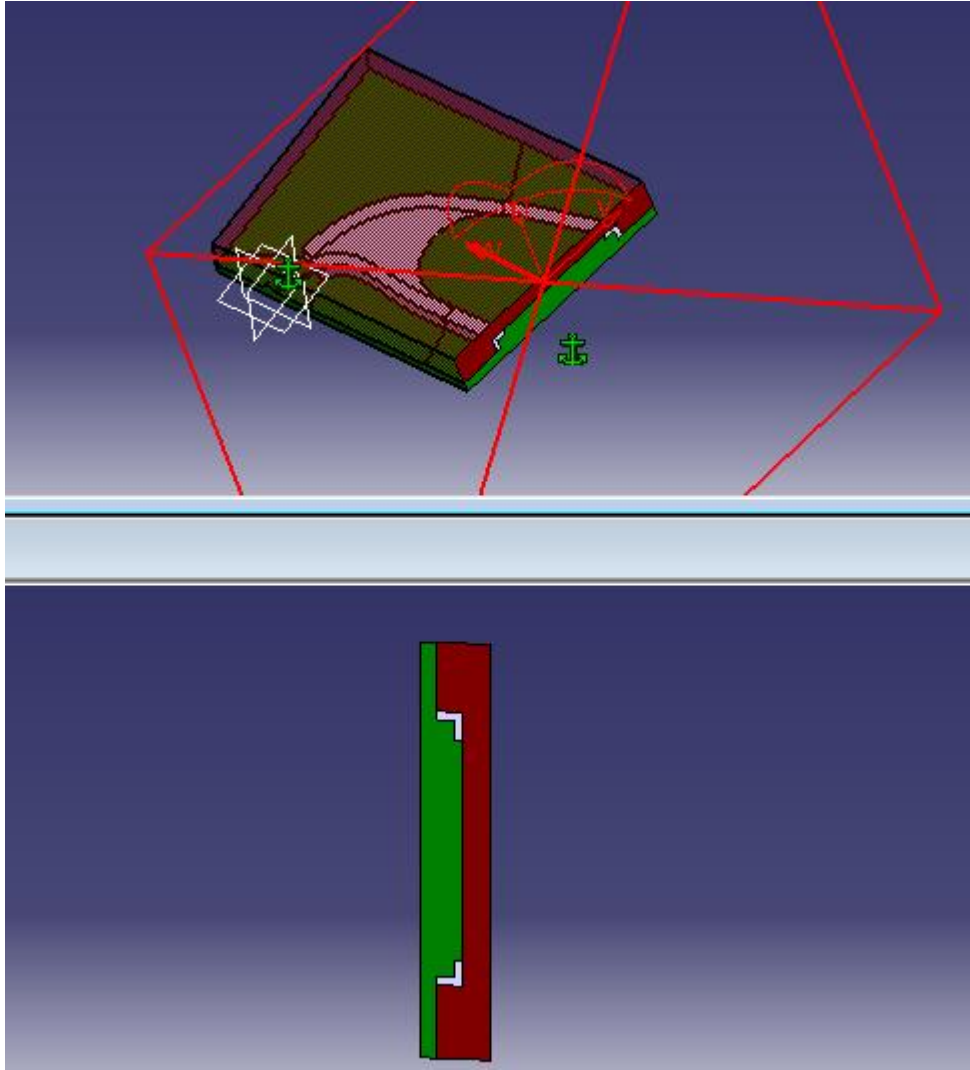
Análisis de desviación respecto nube de puntos



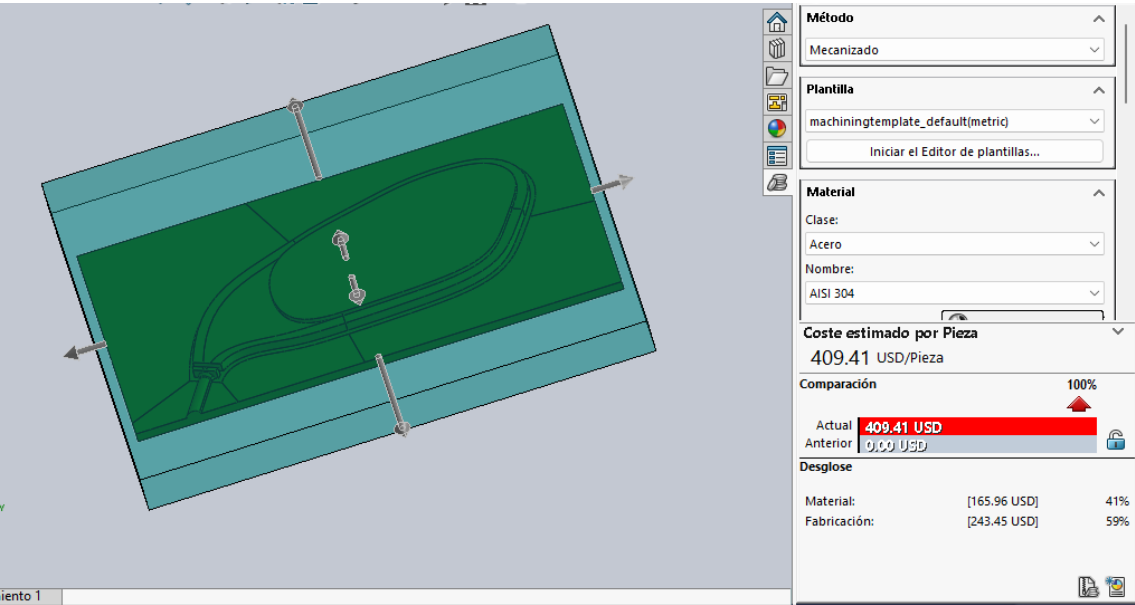


6 0.5 Moldes de carcasa espejo + 0.5 costing (S) (1.0p).

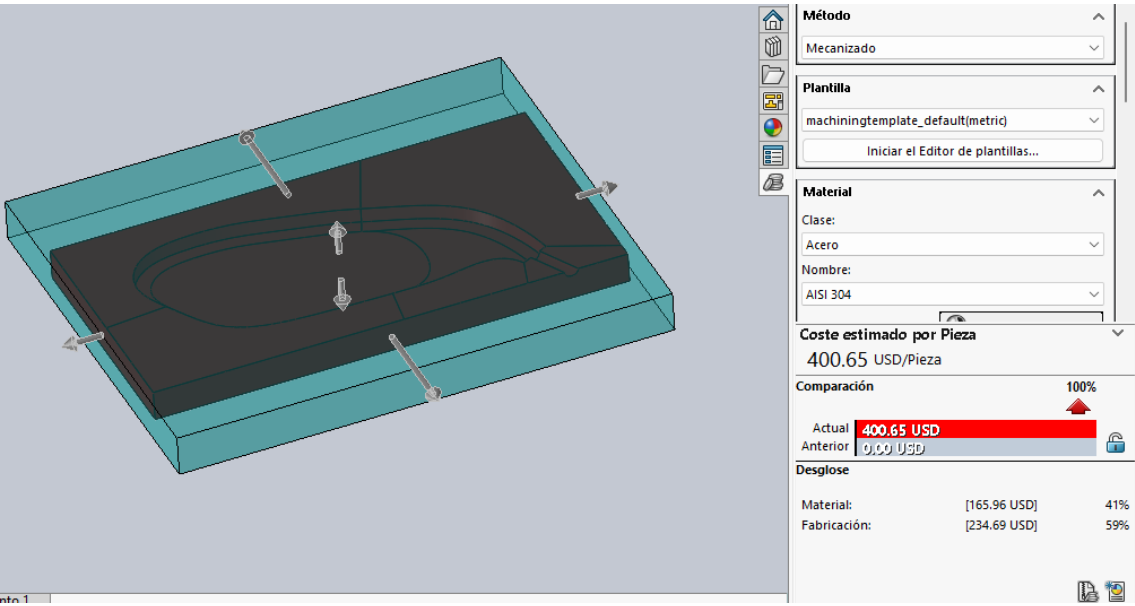




Costing core



Costing cavity



Dimensiones pieza en bruto

Sólido en bruto

Tipo: Bloque

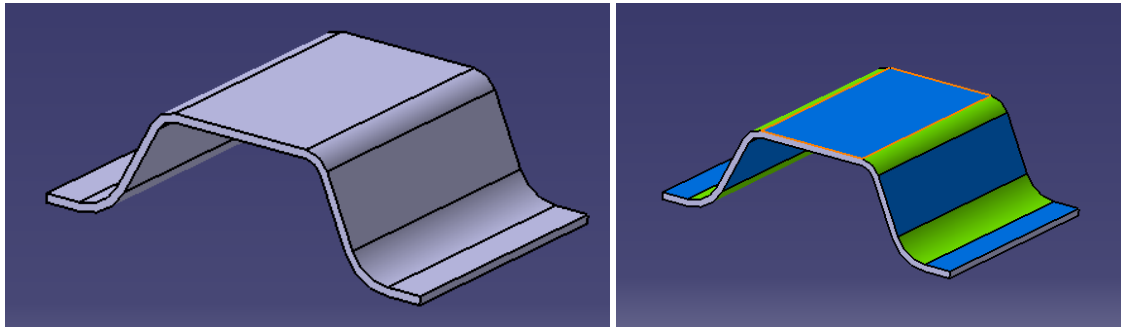
☒ Introduzca el tamaño específico

X: 20.00 mm

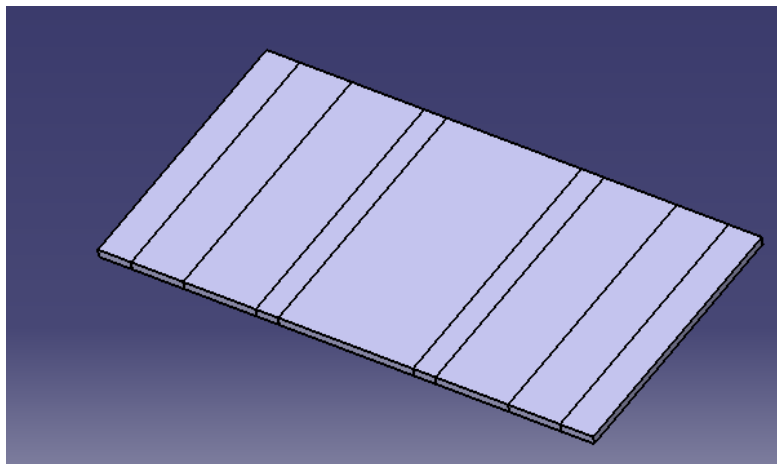
Y: 240.00 mm

Z: 200.00 mm

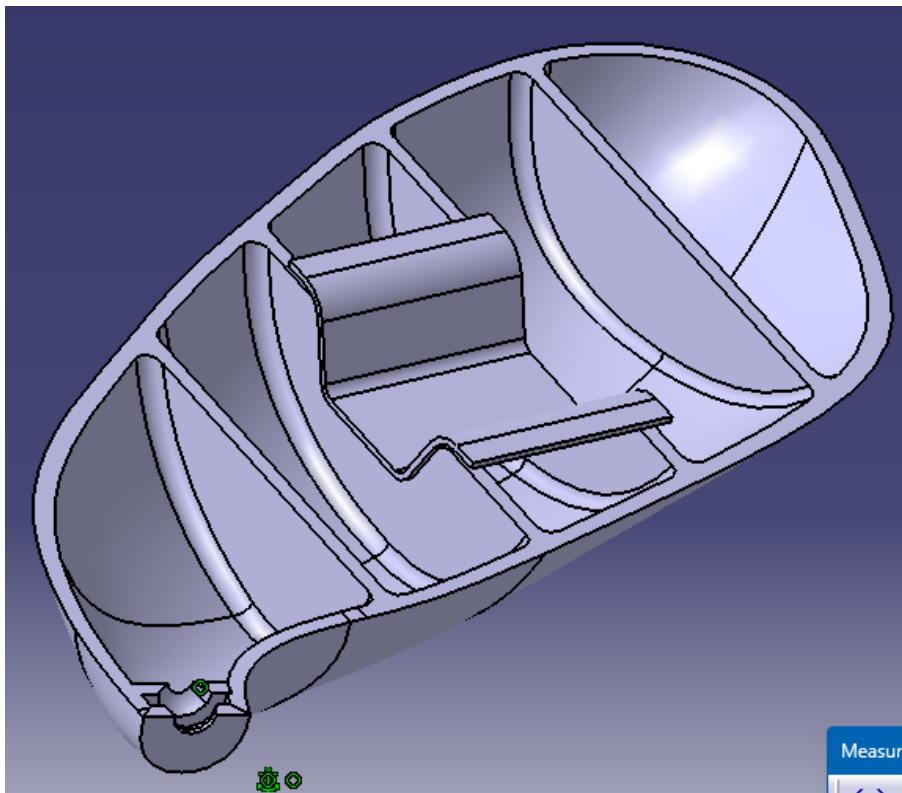
7 0.5 Chapa doblada y desdoblada + 0.5 costing (S) (1.0p).

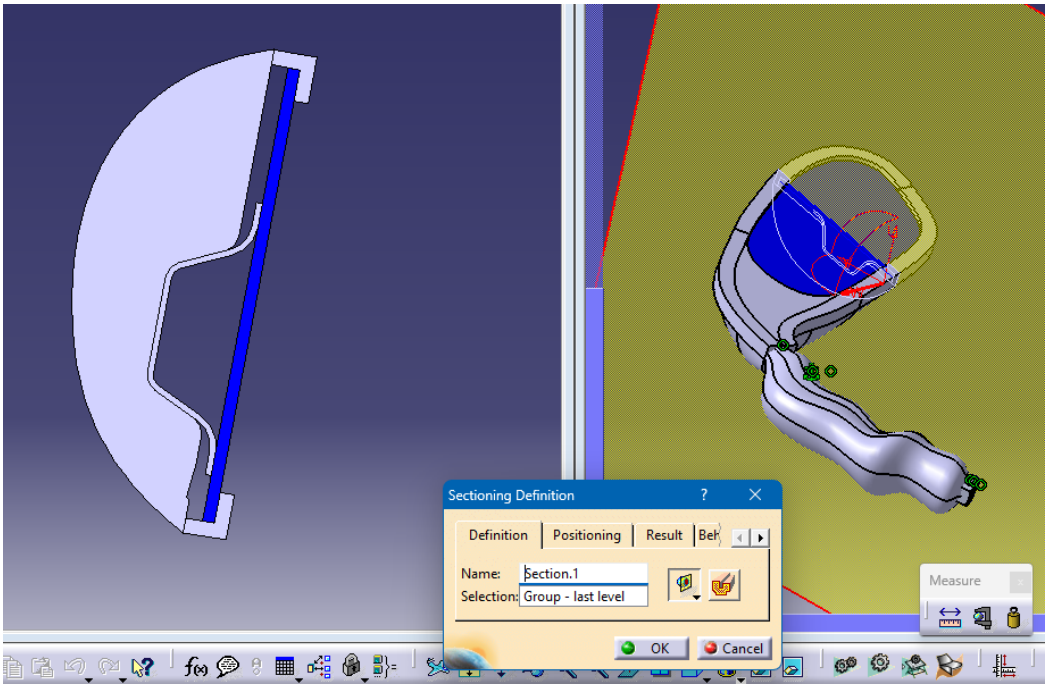


Chapa desdoblada

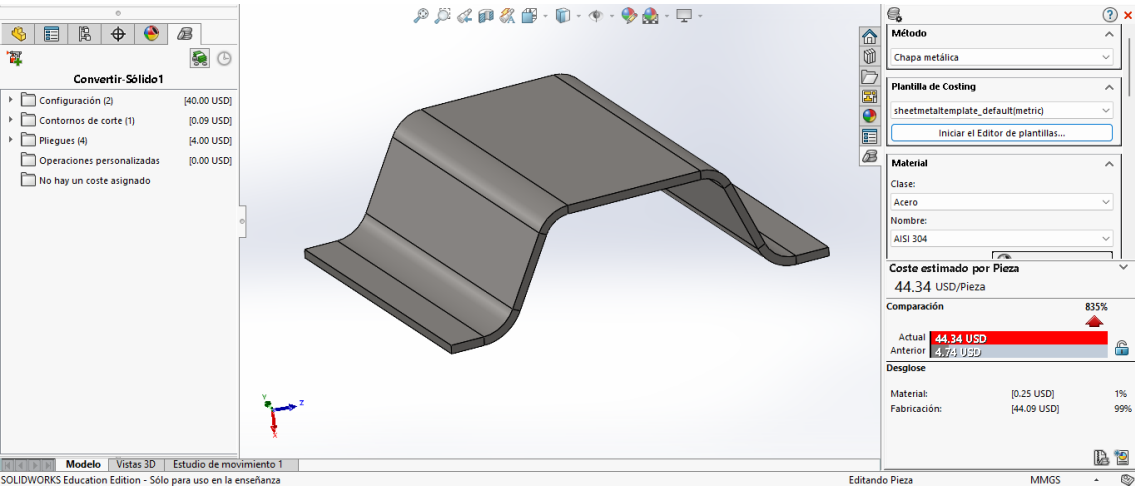


Chapa en ensamblaje



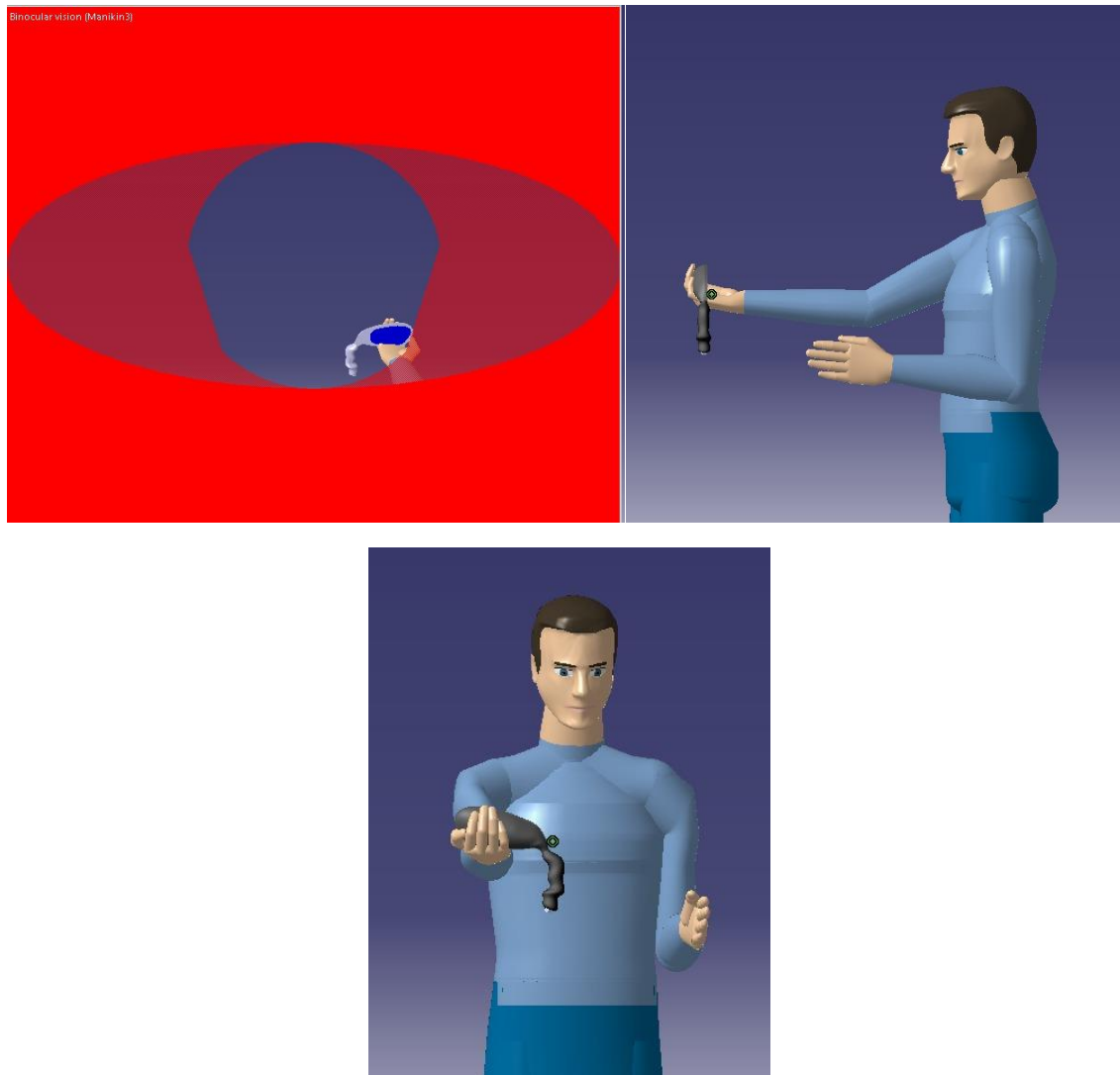


Costing

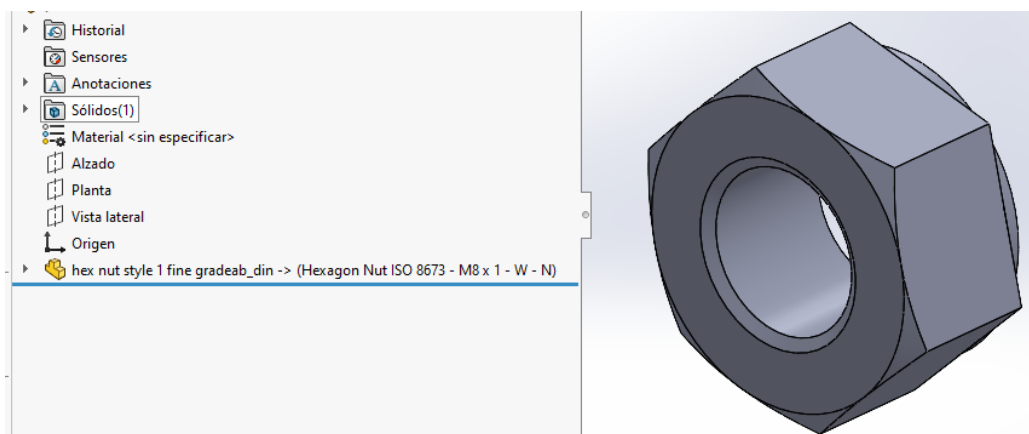


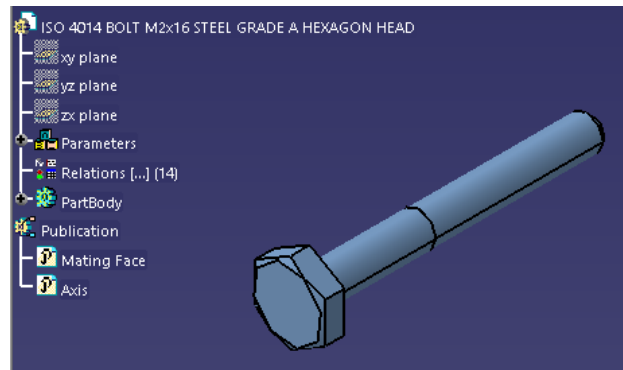
Cantidad		
N.º total de piezas:		
1		
Tamaño del lote:		
1		
Coste estimado por Pieza		
44.34 USD/Pieza		
Comparación		
		835%
Actual	44.34 USD	
Anterior	4.74 USD	
Desglose		
Material:	[0.25 USD]	1%
Fabricación:	[44.09 USD]	99%

8 Ergonomía (C) (0.5p).



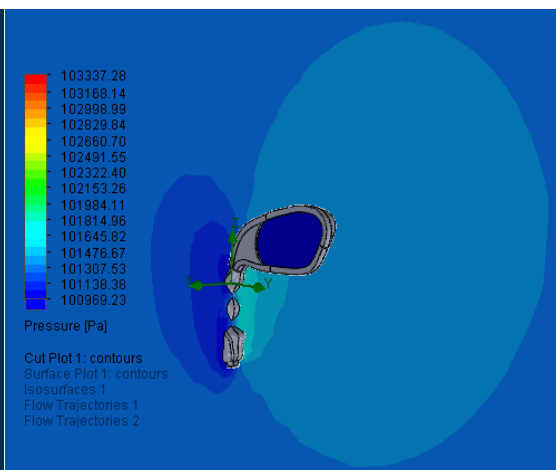
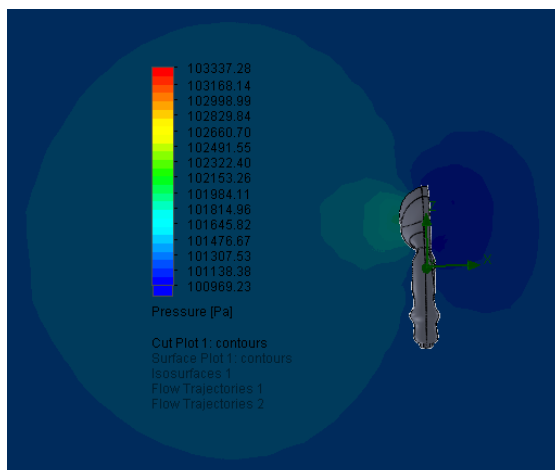
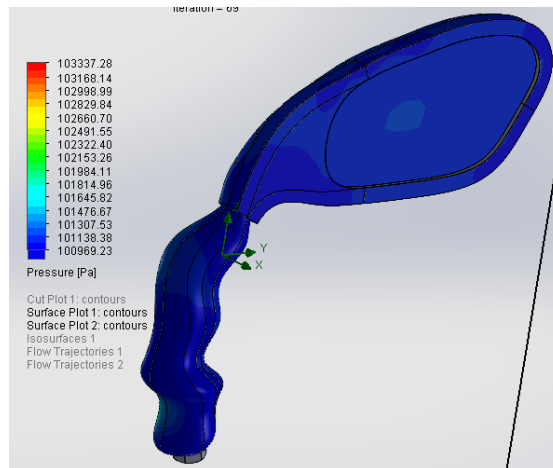
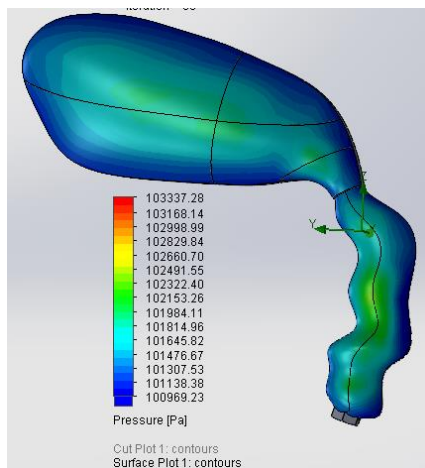
9 Tornillos, tuercas y piezas normalizadas para las uniones. (0.5p).

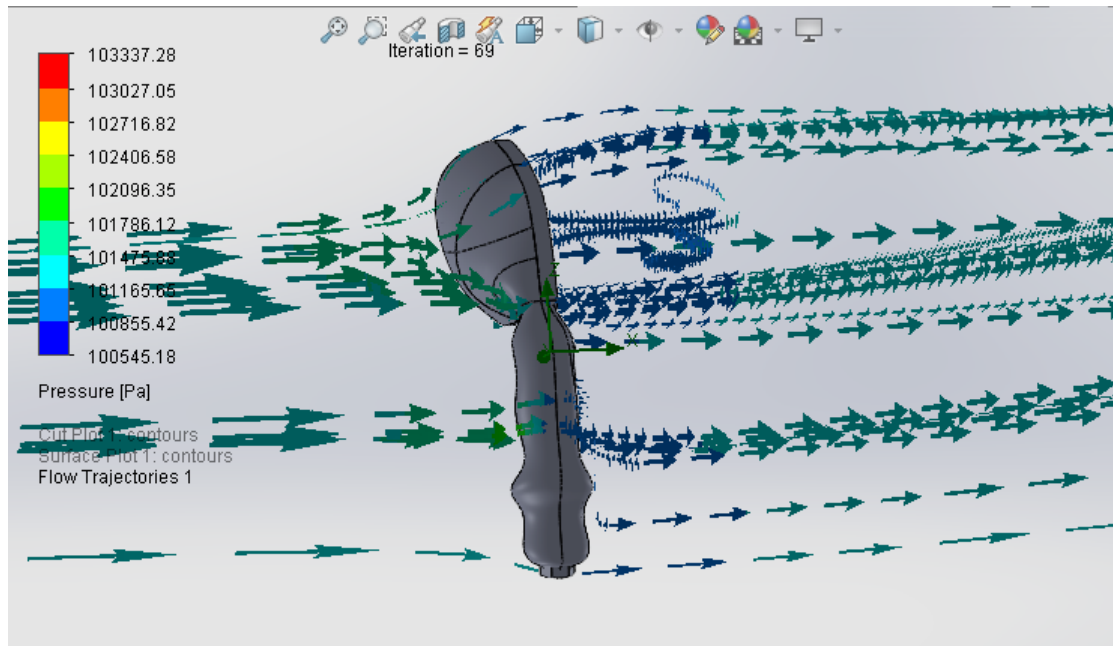




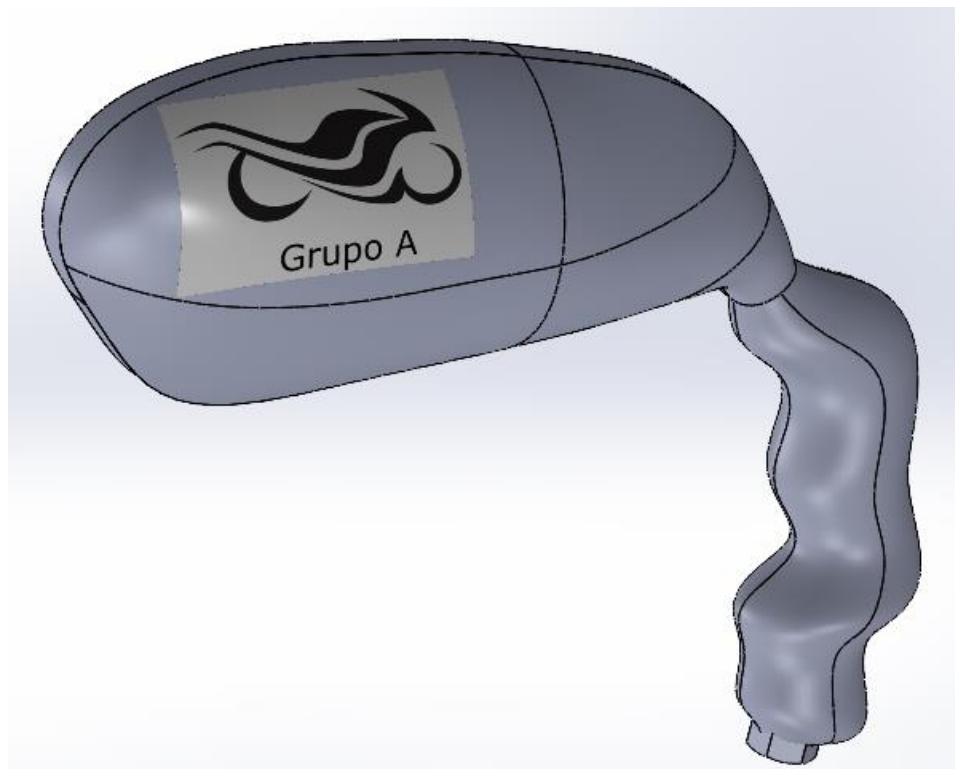
10 Cálculo 0.5 aerodinámica, 0.5 vibraciones y 0.5 dilataciones. (1.5p).

Aerodinámica





11 Logo empresa moto pegado en carcasa. (0.5p).



12 Ensamblaje sin interferencias excepto elementos deformables/roscas cosméticas. (0.5p).

Results

Number of interferences: 9 (Clash:4, Contact:5, Clearance:0)

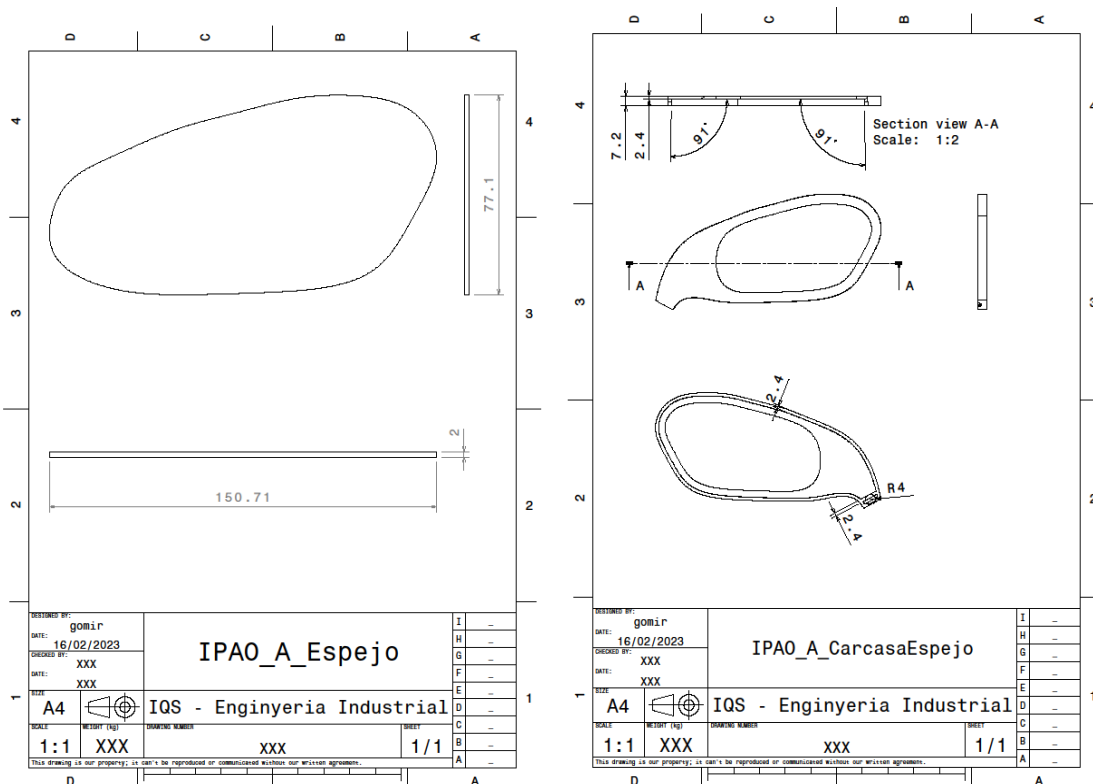
Filter list: Clash No filter on value All statuses

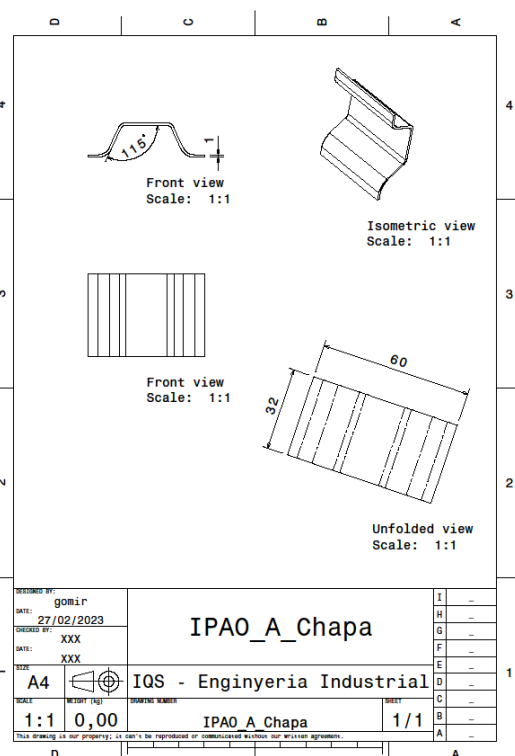
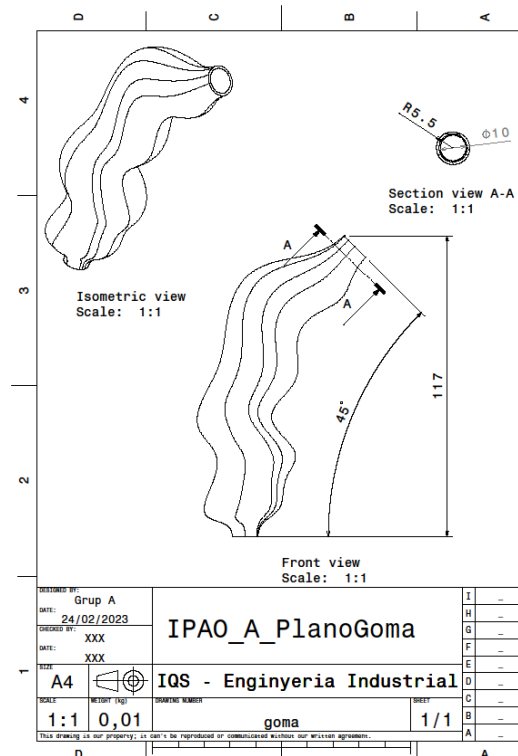
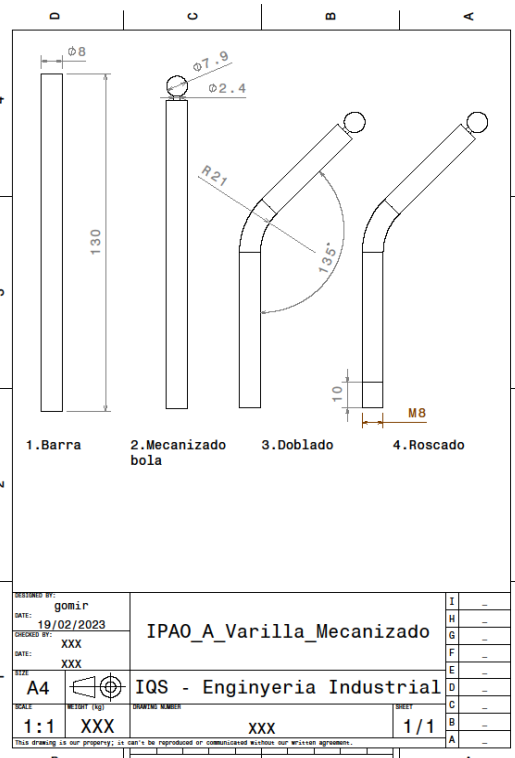
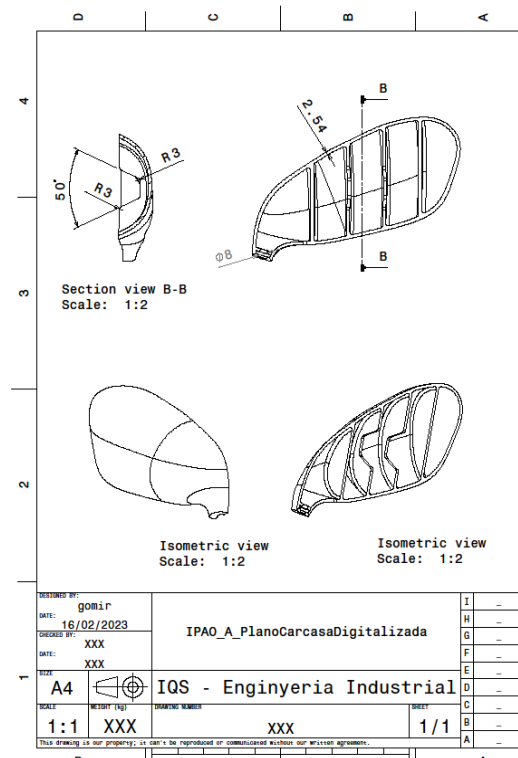
List by Conflict List by Product Matrix

No.	Product 1	Product 2	Type	Value	Status	Comment
4	IPAO_A_Carcasa_Espejo (IPAO_A...	goma (goma.1)	Clash	-5,66	Relevant	
6	IPAO_A_Carcasa_Digitalizada (IP...	goma (goma.1)	Clash	-6,03	Relevant	
8	varilla (IPAO_A_Varilla.1)	IPAO_A_Tuerca.SLDPRT (IP...	Clash	-0,42	Relevant	
9	goma (goma.1)	IPAO_A_Tuerca.SLDPRT (IP...	Clash	-2,03	Relevant	

13 0.5 Planos de todas las piezas, 0.25 lista materiales y 0.25 explosionado. (1.0p).

Planos





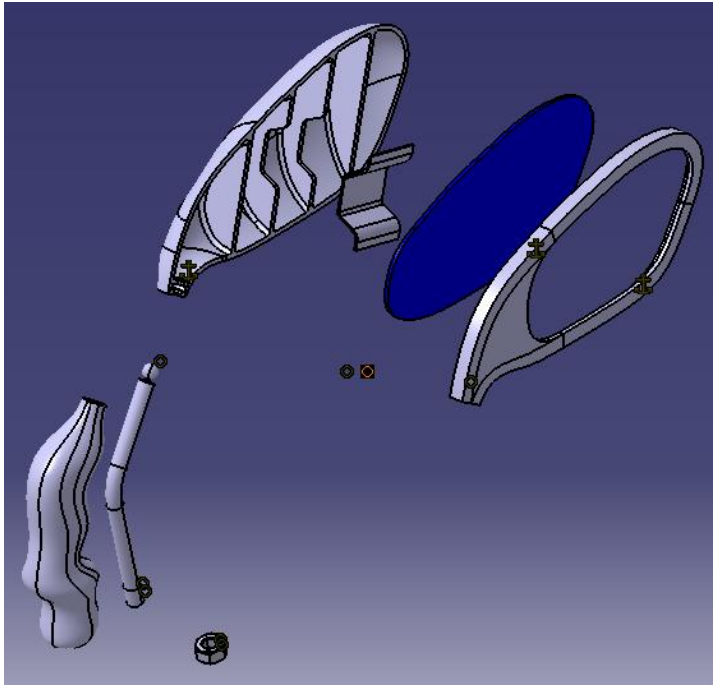
Lista de materiales y explosionado

Isometric view
Scale: 1:2

Bill of Material: IPAO A Retrovisor

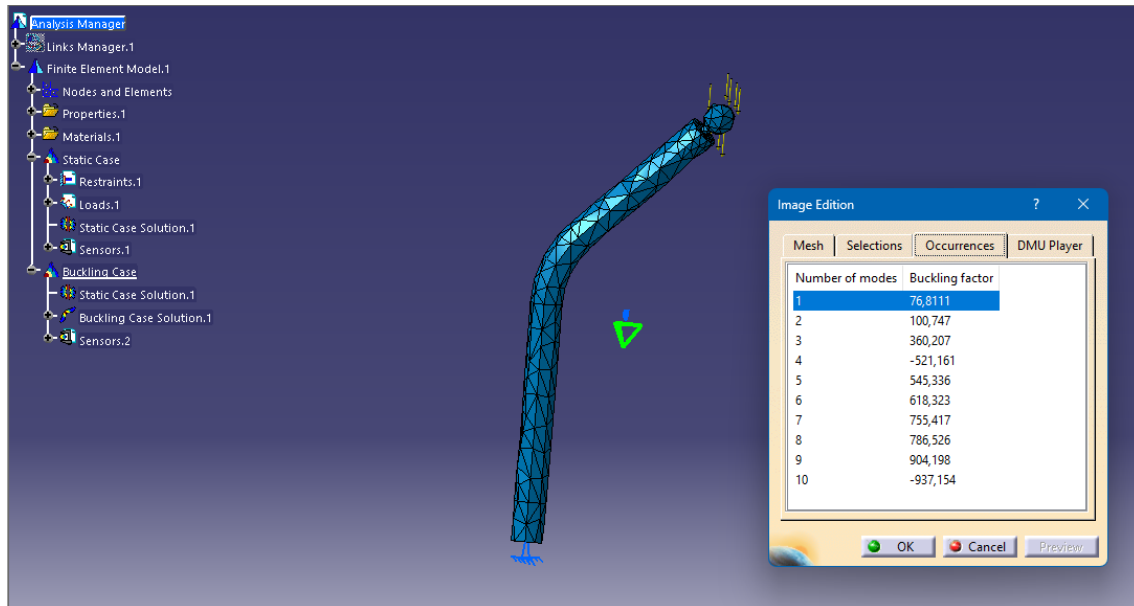
Quantity	Part Name	Part Number	Material
1	IPAO A Espejo	1	Espejo
1	IPAO A Carcasa Espejo	2	Plástico
1	IPAO A Carcasa Digitalizada	3	Plástico
1	IPAO A Varilla	4	Acero
1	IPAO A Chapa	5	Acero
1	IPAO A Goma	6	Goma
1	IPAO A Tuerca.SLDPRT	7	Acero

DESIGNED BY: gomir	IPAO_A_RetrovisorExplosionado	I	-
DATE: 26/02/2023		H	-
DRAWN BY: XXX		G	-
DATE: XXX		F	-
SIZE: A3	IQS - Ingeniería Industrial	E	-
SCALE: 1:2		D	-
REVISION: 1,03		C	-
PROJECT NUMBER: IPAO A Retrovisor		B	-
This drawing is our property; it can't be reproduced or communicated without our written agreement.		A	-



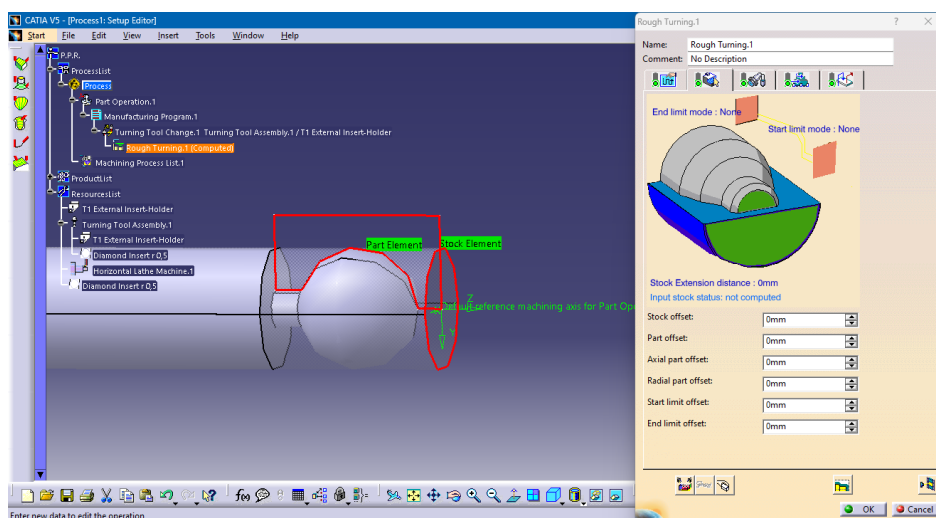
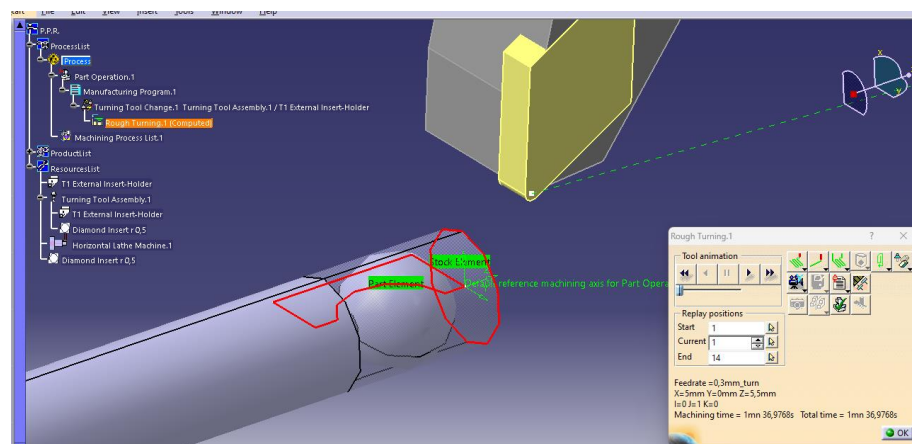
14 Módulo extra no explicado en clase (0.5p).

Análisis pandeo en la varilla



15 Módulo extra no explicado en clase (0.5p).

Torneado de la parte de la varilla que se acopla a las carcasas del espejo



16 Módulo extra no explicado en clase (0.5p).

Renderizado del retrovisor

