

DETALLE G
ESCALA 2 : 5



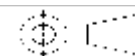
**UNIVERSIDAD INDUSTRIAL DE
SANTANDER**

FECHA: 24/01/2022

ESCALA: 1:10

UNIDADES: mm

A4



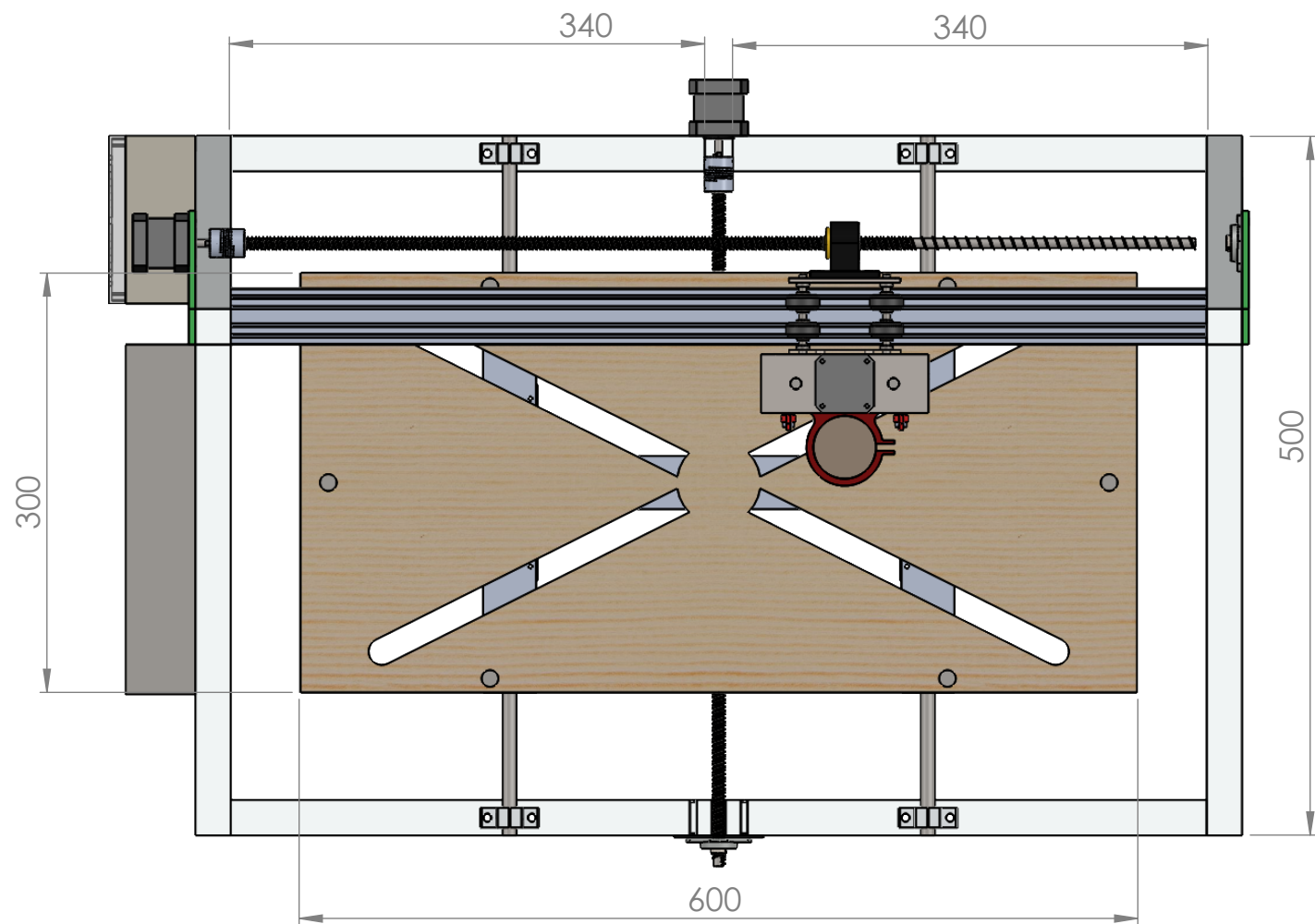
TITULO:

Modelo General

AUTOR: Fabian Solano-Yonathan Sandoval

REVIS: Ing. Ricardo Alfonso Jaimes Rolon

HOJA 1/23



**UNIVERSIDAD INDUSTRIAL DE
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FECHA: 24/01/22

TITULO:

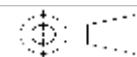
ESCALA: 1:10

Vista Superior

UNIDADES: mm

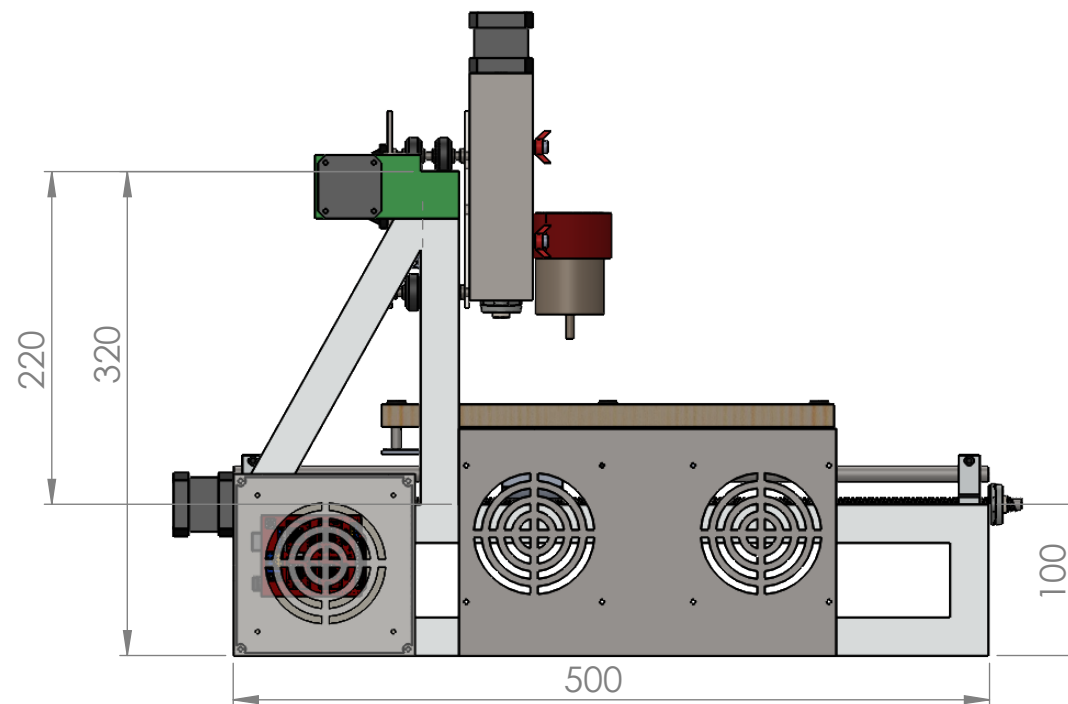
AUTOR: Fabian Solano -Yonathan Sandoval

A4



REVIS: Ing. Ricardo Jaimes Rolon

HOJA 02/23



UNIVERSIDAD INDUSTRIAL DE SANTANDER

FECHA: 24/01/22

TITULO:

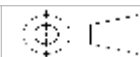
Vista lateral

ESCALA: 1:5

UNIDADES: mm

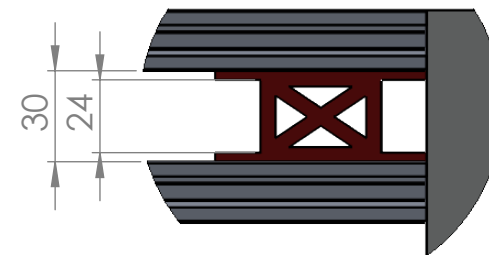
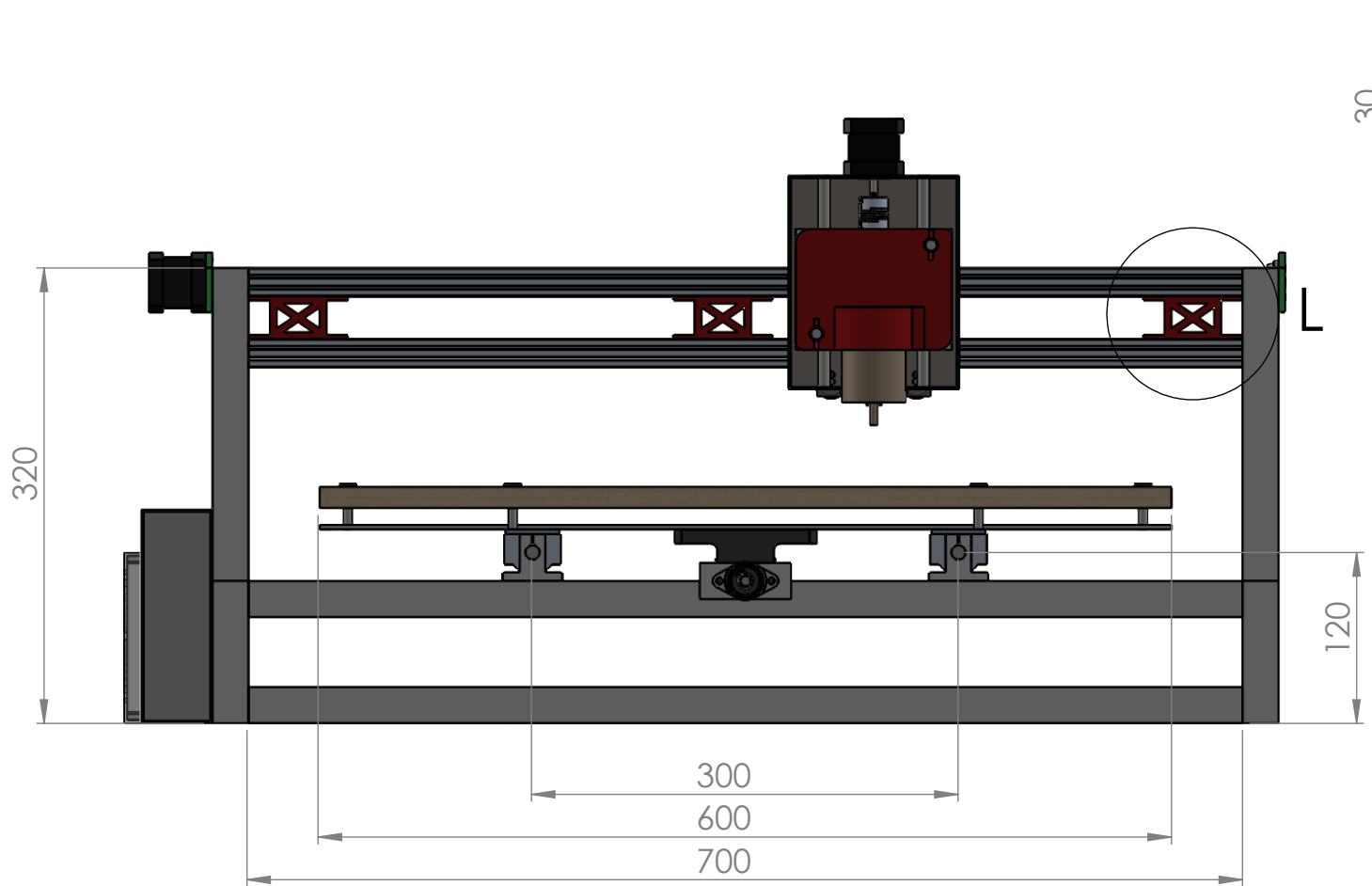
AUTOR: Fabian Solano -Yonathan Sandoval

A4



REVIS: Ing. Ricardo Jaimes Rolon

HOJA 03/23



DETALLE L

ESCALA 2:5



**UNIVERSIDAD INDUSTRIAL DE
SANTANDER**

FECHA: 24/01/22

TITULO:

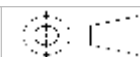
Vista Frontal

ESCALA: 1:5

UNIDADES: mm

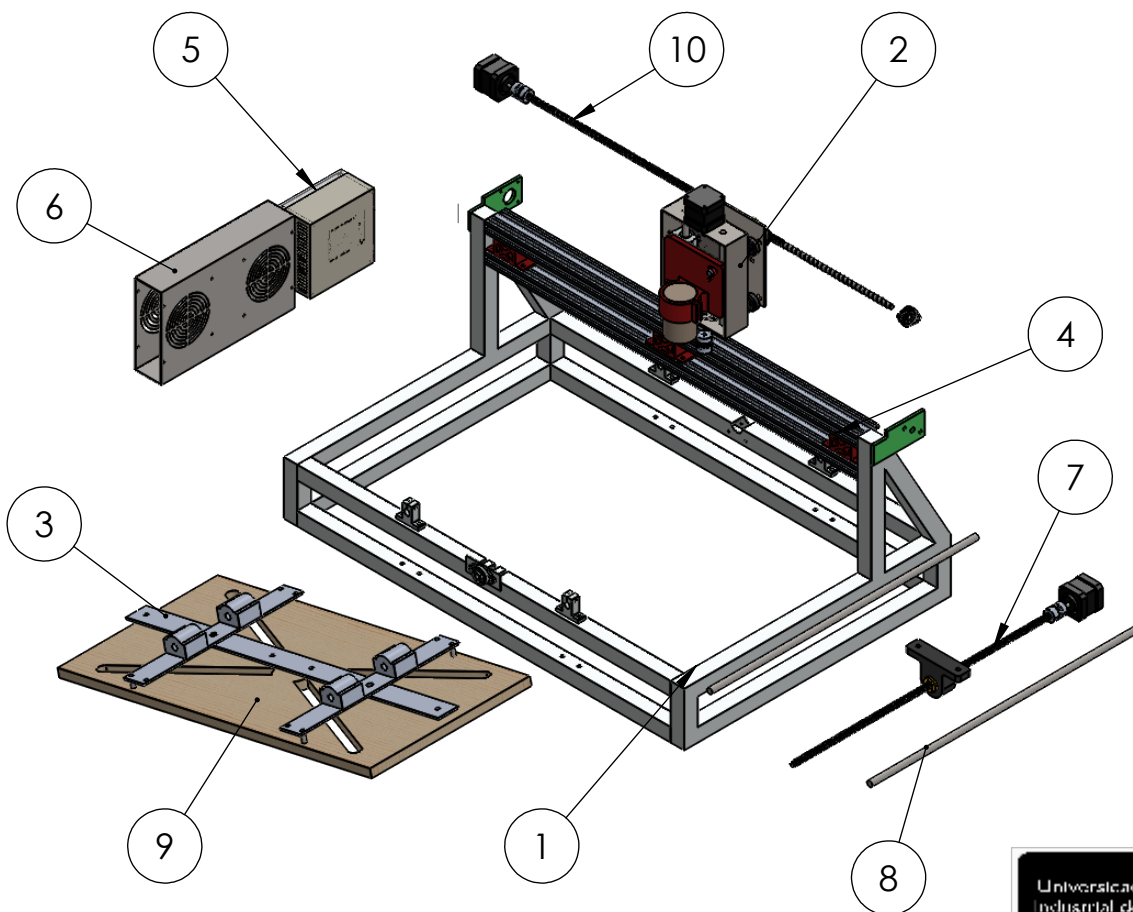
AUTOR: Fabian Solano -Yonathan Sandoval

A4



REVIS: Ing. Ricardo Jaimes Rolon

HOJA 04/23



Numero	Del Subsistema
1	Estructural
2	Traslacion eje Z
3	Traslacion eje Y
4	Traslacion eje X
5	Control
6	Fuente de poder
7	Traslacion eje Y
8	Traslacion eje Y
9	Cama de trabajo
10	Traslacion eje X



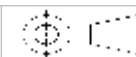
UNIVERSIDAD INDUSTRIAL DE SANTANDER

FECHA: 24/01/22

ESCALA: 1:10

UNIDADES: mm

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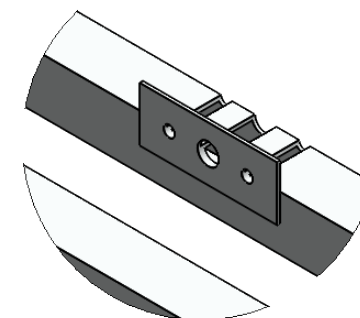
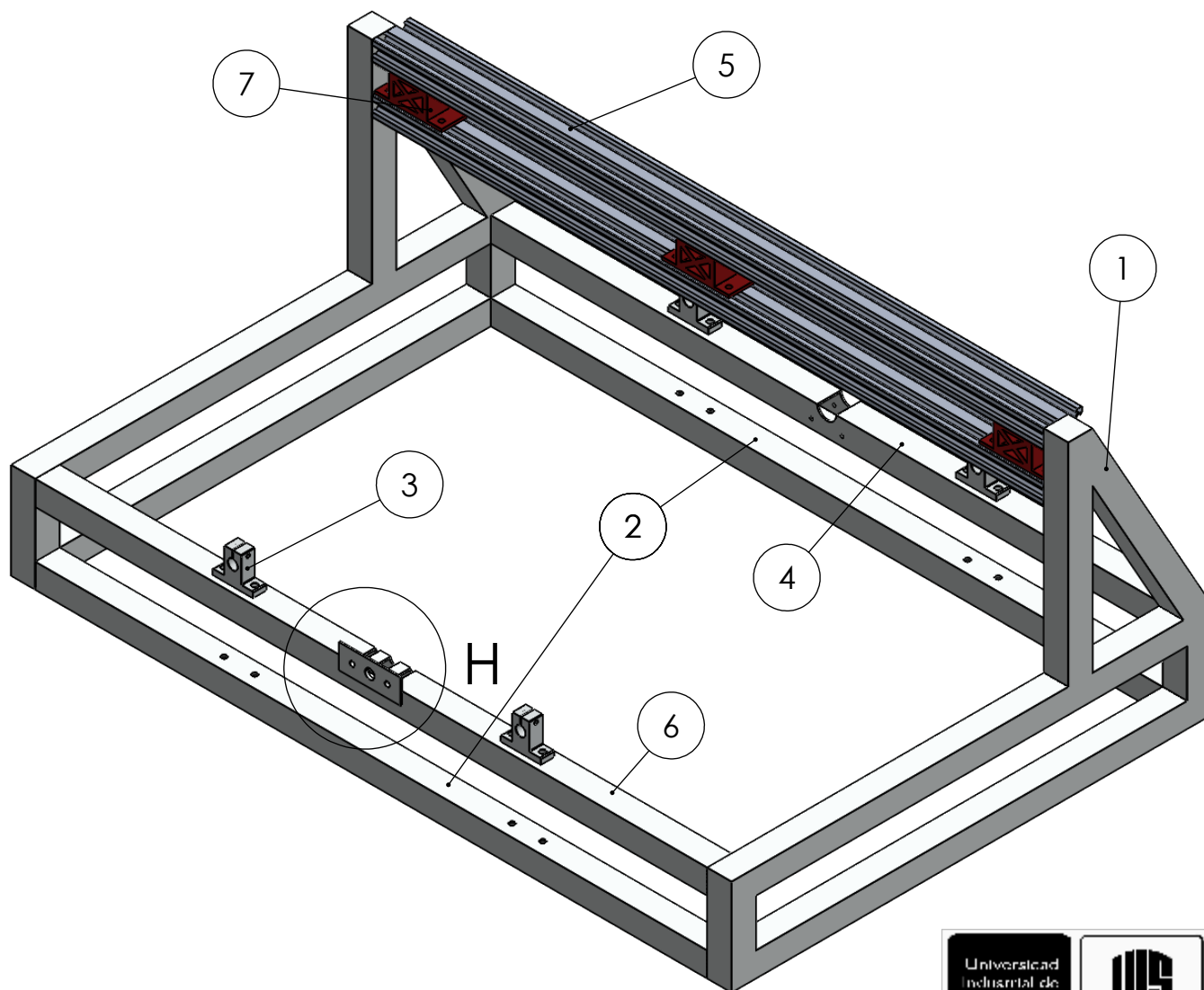
TITULO:

VISTA EXPLOSIONADA

AUTOR: Fabian Solano -Yonathan Sandoval

REVIS: Ing. Ricardo Jaimes Rolon

HOJA 05/23



DETALLE H

ESCALA 2 : 5

Numero	Pieza
1	Panel lateral
2	Tubo inferior
3	Sopote sk10
4	Tubo posterior
5	Perfil 2040, L=70cm
6	Tubo frontal
7	Separador 2040



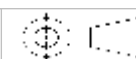
UNIVERSIDAD INDUSTRIAL DE SANTANDER

FECHA: 24/01/22

ESCALA: 1:10

UNIDADES: mm

A4



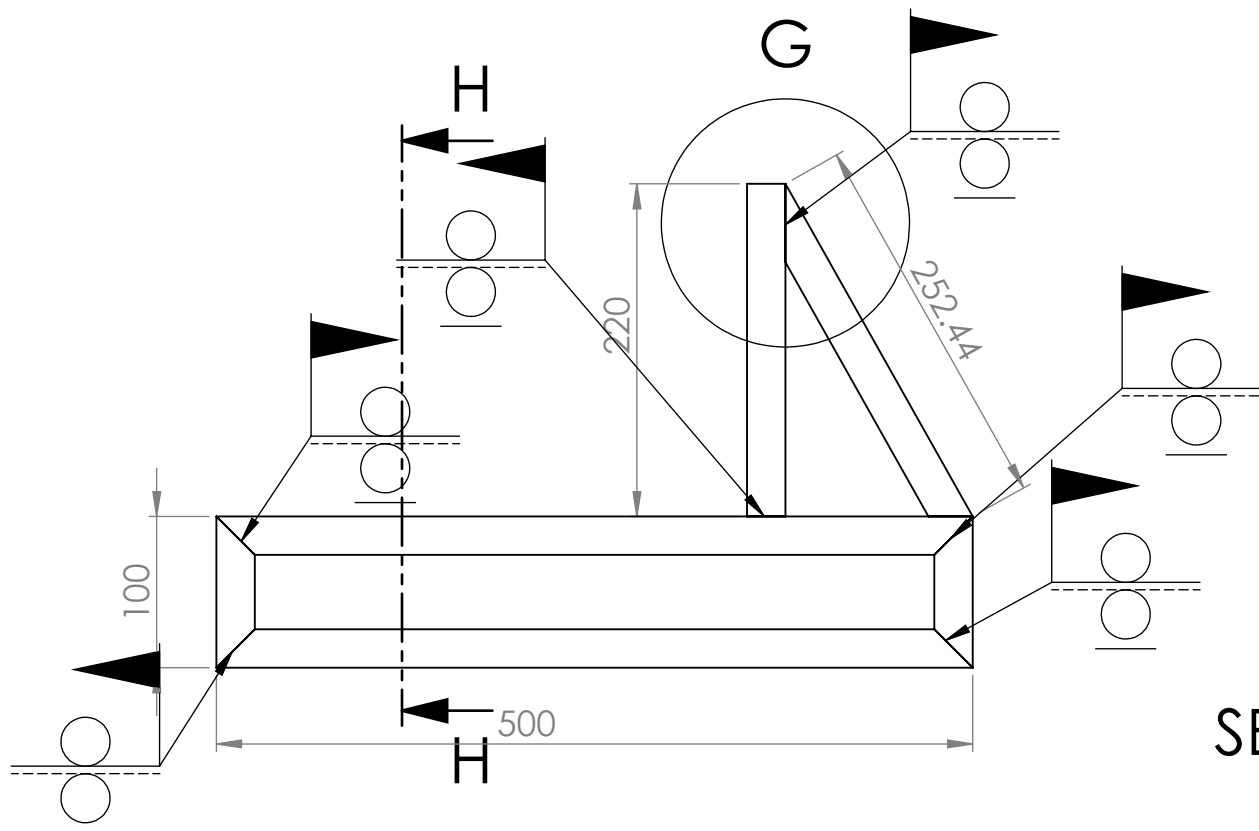
TITULO:

GUIA FORMATO A4

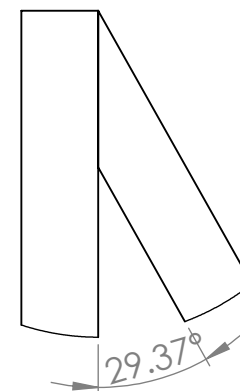
AUTOR: Fabian Solano -Yonathan Sandoval

REVIS: Ing. Ricardo Jaimes Rolon

HOJA 06/23



SECCIÓN H-H
ESCALA 1 : 5



DETALLE G
ESCALA 2 : 5



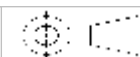
**UNIVERSIDAD INDUSTRIAL DE
SANTANDER**

FECHA: 24/01/22

ESCALA: 1:10

UNIDADES: mm

A4



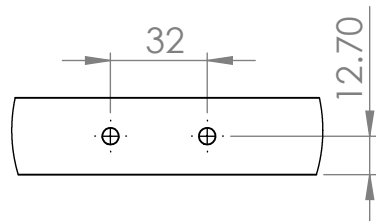
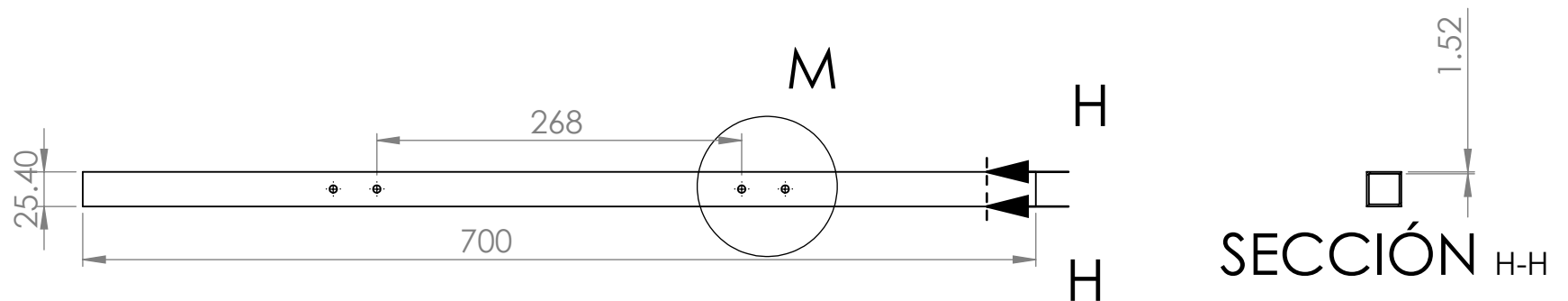
TITULO:

PLANEL LATERA BASTIDOR

AUTOR: Fabian Solano -Yonathan Sandoval

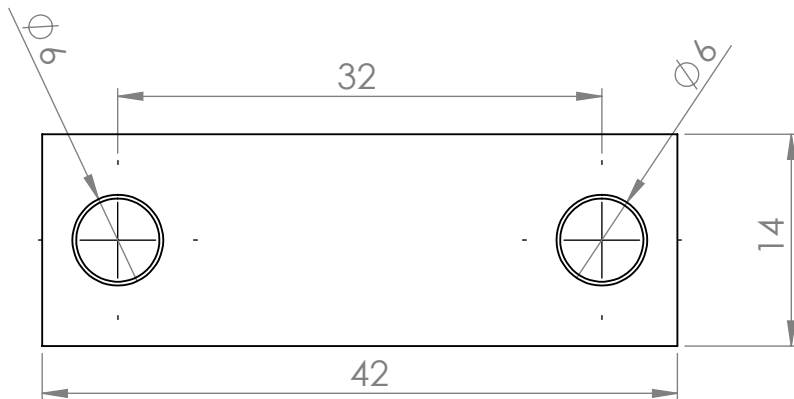
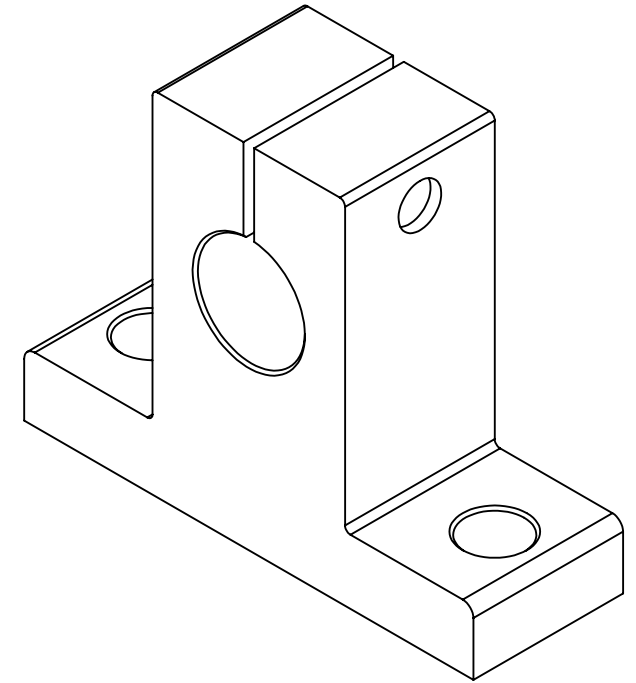
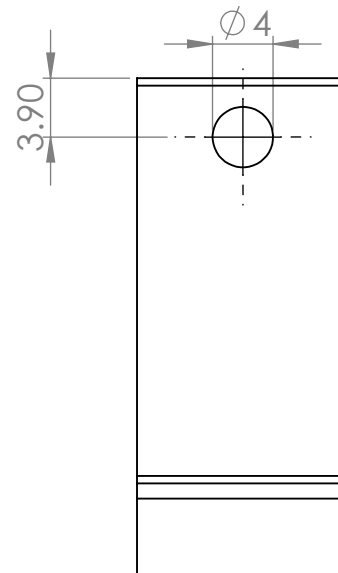
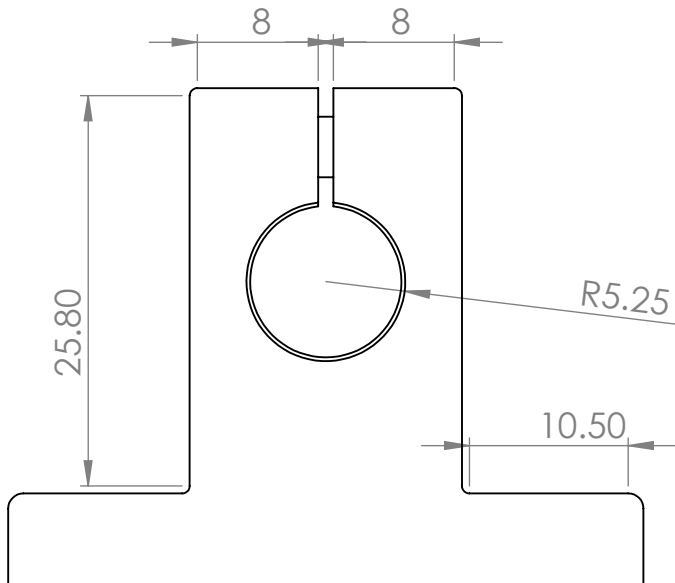
REVIS: Ing. Ricardo Jaimes Rolon

HOJA 07/23



DETALLE _M
ESCALA 2 : 5

				UNIVERSIDAD INDUSTRIAL DE SANTANDER	
FECHA: 24/01/22		TITULO: Tubo inferior			
ESCALA: 1:10					
UNIDADES: mm		AUTOR: Fabian Solano -Yonathan Sandoval			
A4		REVIS: Ing. Ricardo Jaimes Rolon			HOJA 08/23



**UNIVERSIDAD INDUSTRIAL DE
SANTANDER**

FECHA: 24/01/22

TITULO:

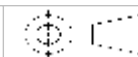
Soporte sk10

ESCALA: 1:10

UNIDADES: mm

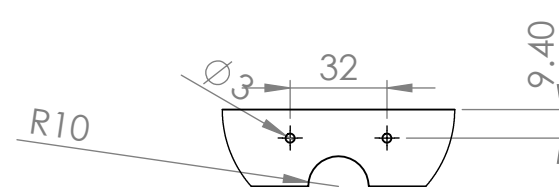
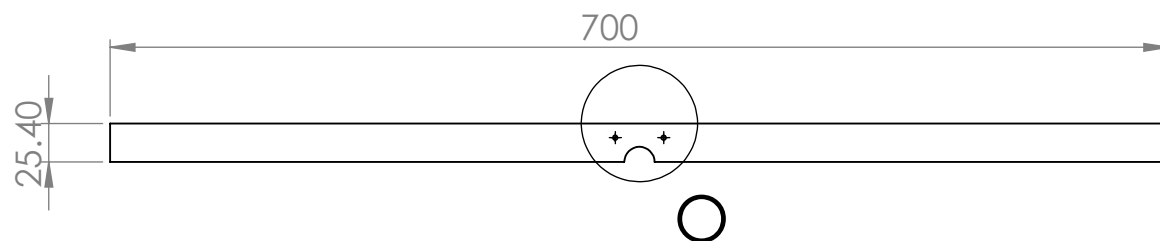
AUTOR: Fabian Solano -Yonathan Sandoval

A4



REVISA: Ing. Ricardo Jaimes Rolon

HOJA 09/23



DETALLE O

ESCALA 2 : 5



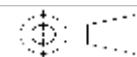
UNIVERSIDAD INDUSTRIAL DE SANTANDER

FECHA: 24/01/22

ESCALA: 1:10

UNIDADES: mm

A4



TITULO:

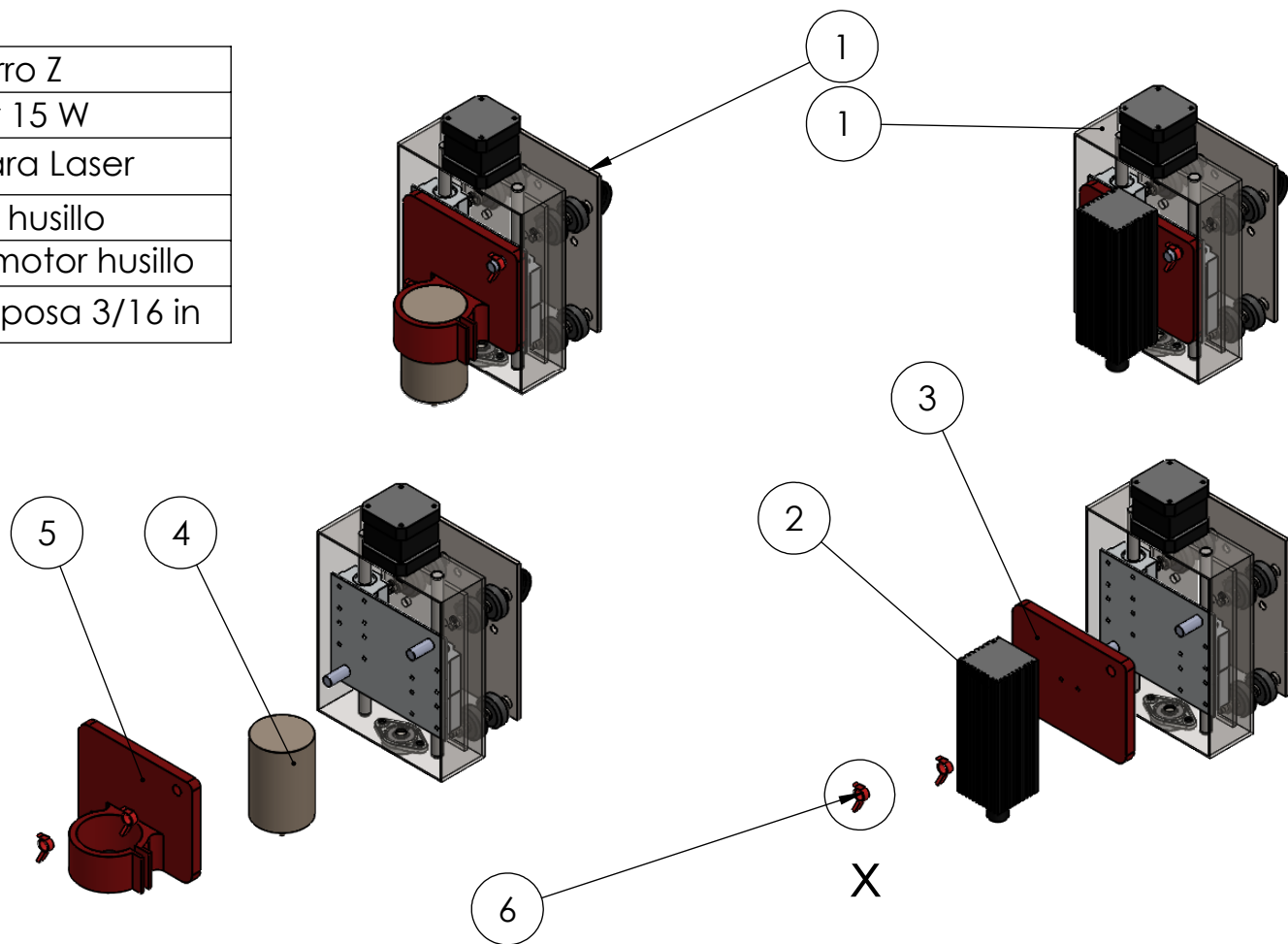
Tubo posterior

AUTOR: Fabian Solano -Yonathan Sandoval

REVIS: Ing. Ricardo Jaimes Rolon

HOJA 10/23

1	Carro Z
2	Laser 15 W
3	Base para Laser
4	Motor husillo
5	Base para motor husillo
7	Tuerca mariposa 3/16 in



DETALLE _x
ESCALA 2 : 5



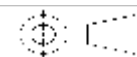
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SANTANDER**

FECHA: 24/01/2022

ESCALA: 1:5

UNIDADES: mm

A4



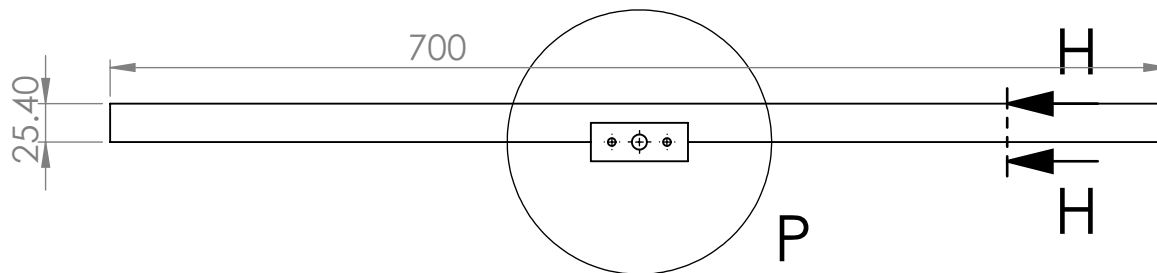
TITULO:

Cambio de herramienta

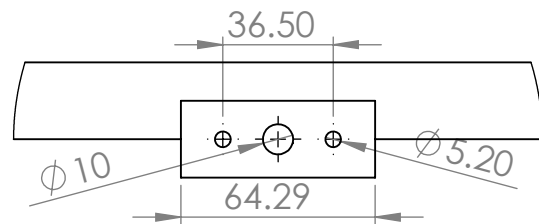
AUTOR: Fabian Solano-Yonathan Sandoval

REVIS: Ing. Ricardo Alfonso Jaimes Rolon

HOJA 11/23



SECCIÓN H-H



DETALLE P

ESCALA 2:5



UNIVERSIDAD INDUSTRIAL DE SANTANDER

FECHA: 24/01/22

TÍTULO:

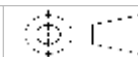
Tubo frontal

ESCALA: 1:10

UNIDADES: mm

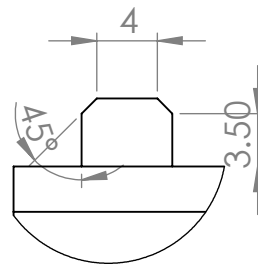
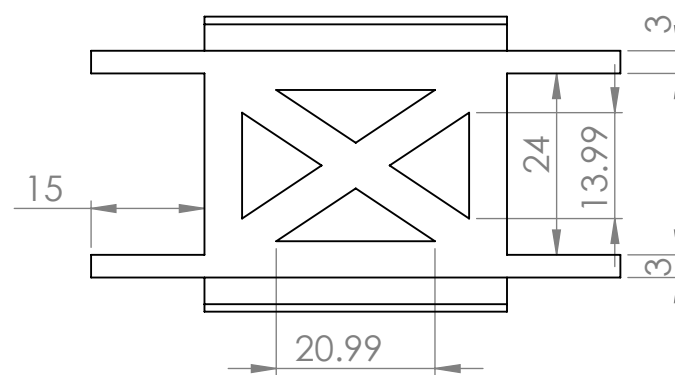
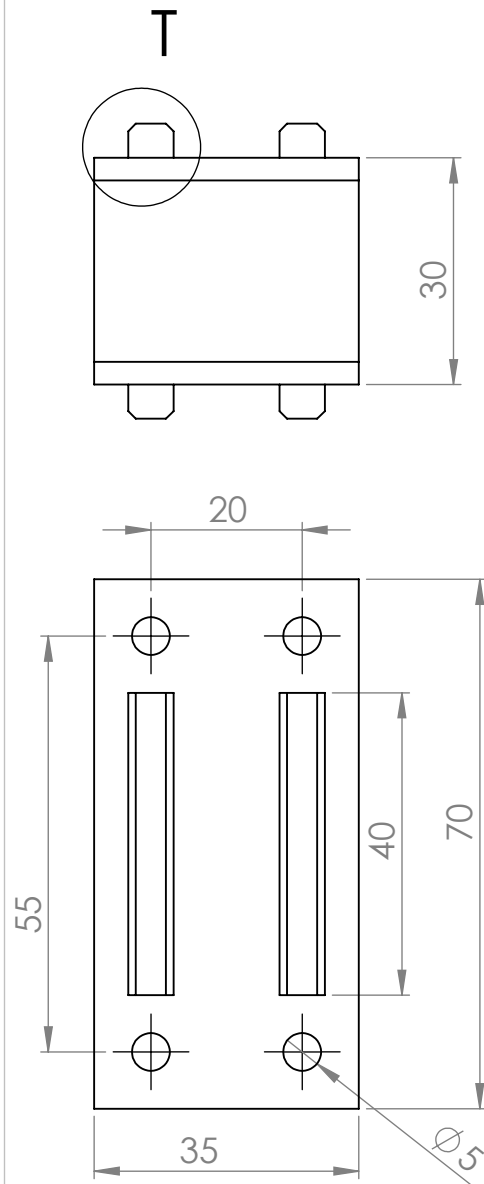
AUTOR: Fabian Solano -Yonathan Sandoval

A4

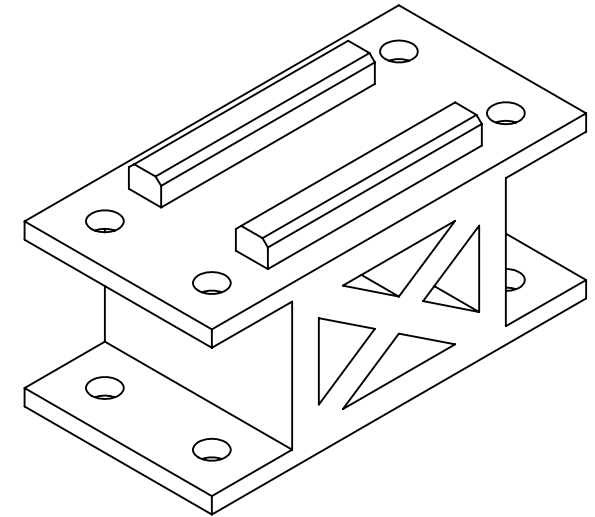


REVISÁ: Ing. Ricardo Jaimes Rolon

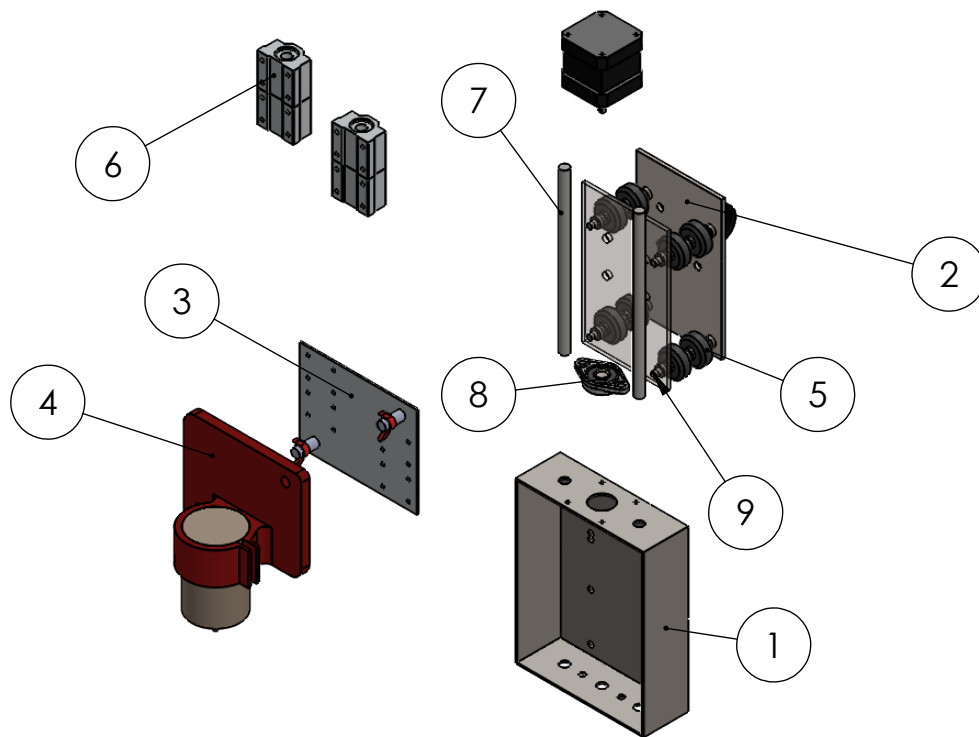
HOJA 12/23



DETALLE T
ESCALA 2 : 1



 		UNIVERSIDAD INDUSTRIAL DE SANTANDER	
FECHA: 24/01/22		TITULO: Separa de perfiles 2040	
ESCALA: 1:10		AUTOR: Fabian Solano -Yonathan Sandoval	
UNIDADES: mm		REVISA: Ing. Ricardo Jaimes Rolon	
A4			HOJA 13/23



Numero	Pieza
1	Bastidor carro z
2	Placa porta ruedas
3	Placa sujetadora
4	Porta herramienta
5	Ruedas 650zz
6	Rodamiento Sc8uu
7	Varilla de 8 mm
8	Chumacera klf08
9	Tornillo de 5 mm



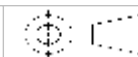
UNIVERSIDAD INDUSTRIAL DE SANTANDER

FECHA: 24/01/22

ESCALA: 1:10

UNIDADES: mm

A4



TITULO:

Carro Z

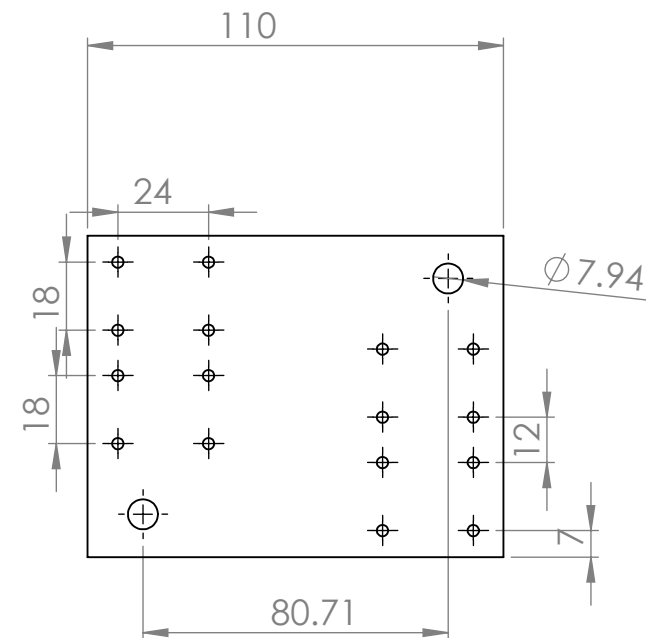
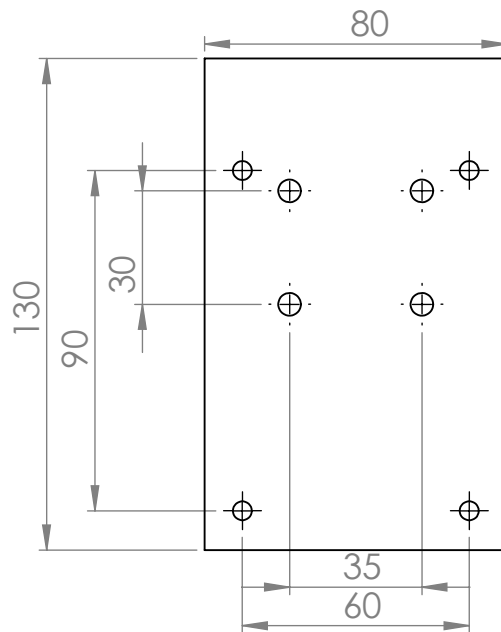
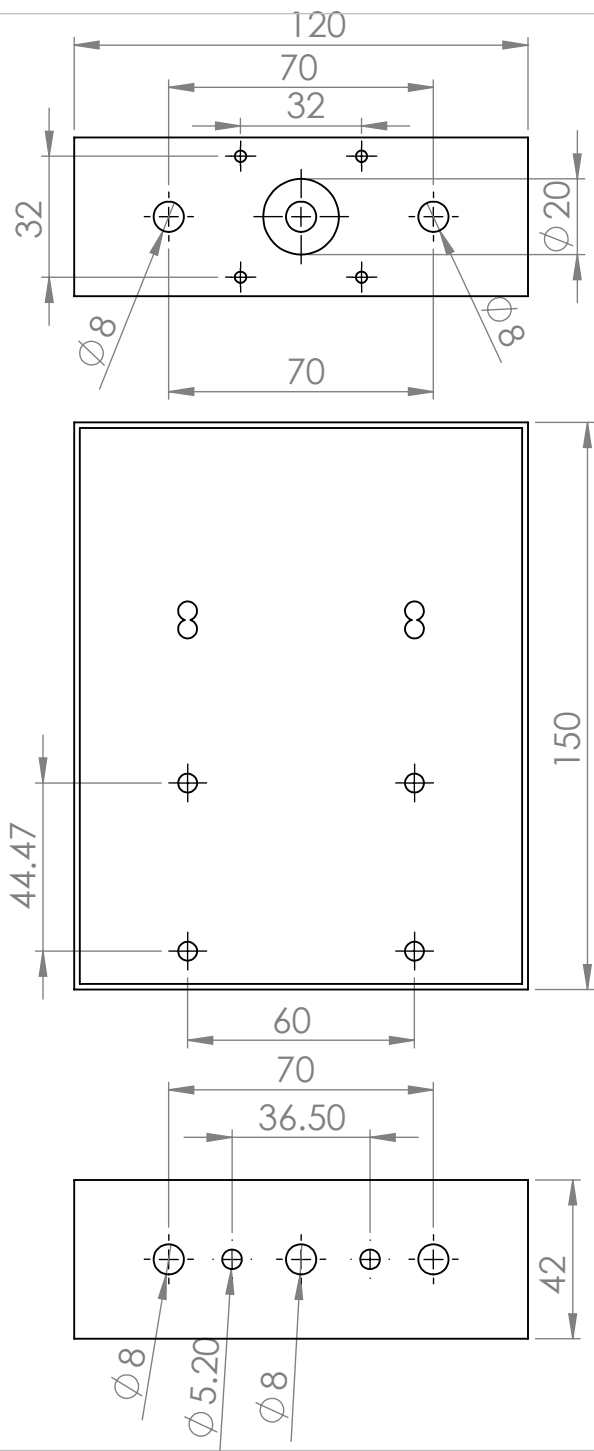
AUTOR:

Fabian Solano -Yonathan Sandoval

REVISÁ:

Ing. Ricardo Jaimes Rolon

HOJA 14/23



UNIVERSIDAD INDUSTRIAL DE SANTANDER

FECHA: 24/01/22

TITULO:

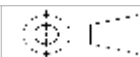
Batidor carro Z

ESCALA: 1:10

UNIDADES: mm

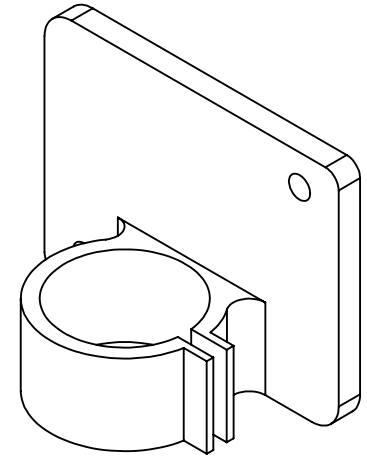
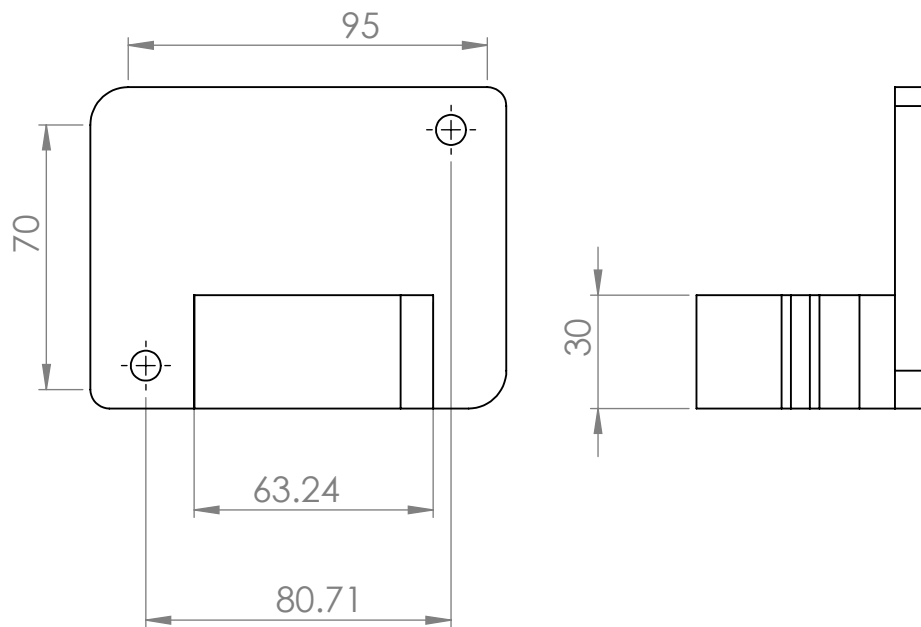
AUTOR: Fabian Solano -Yonathan Sandoval

A4

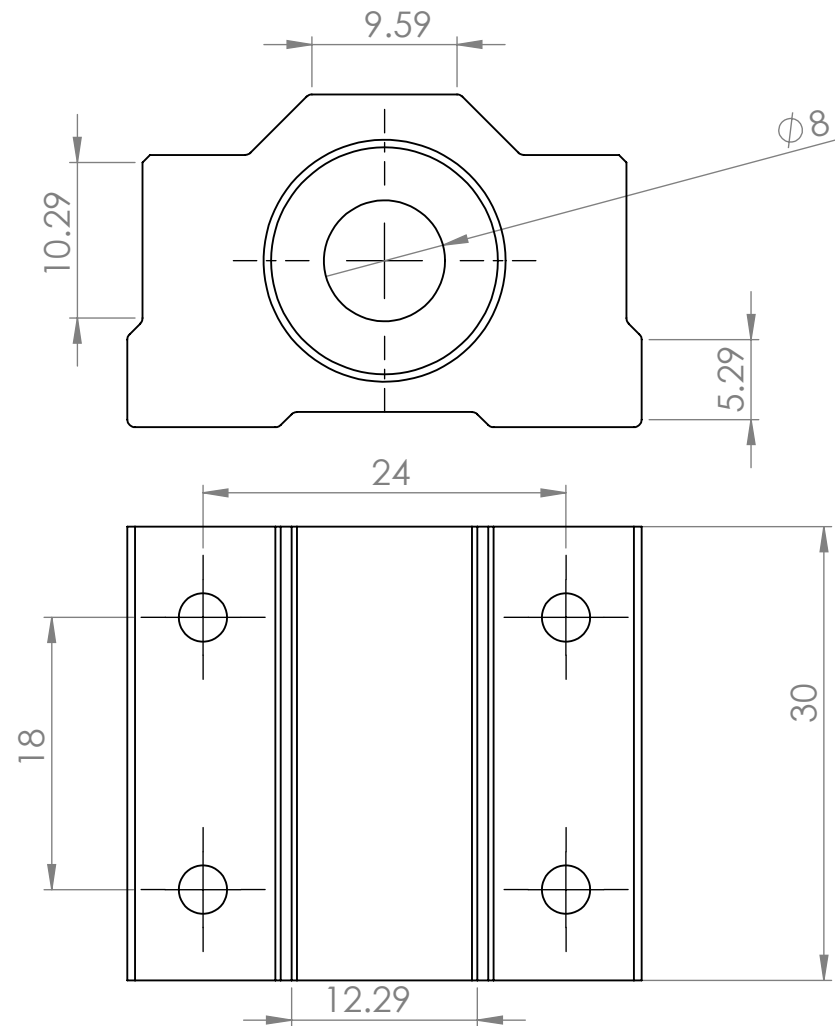
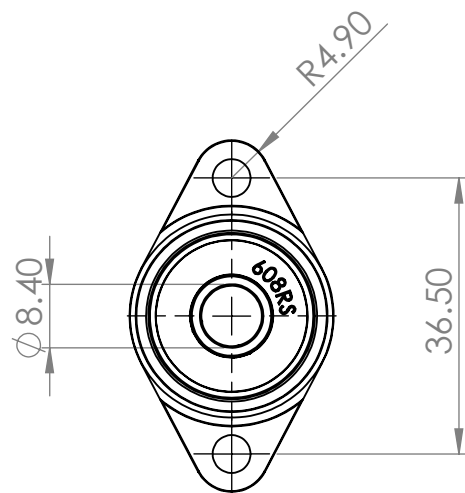
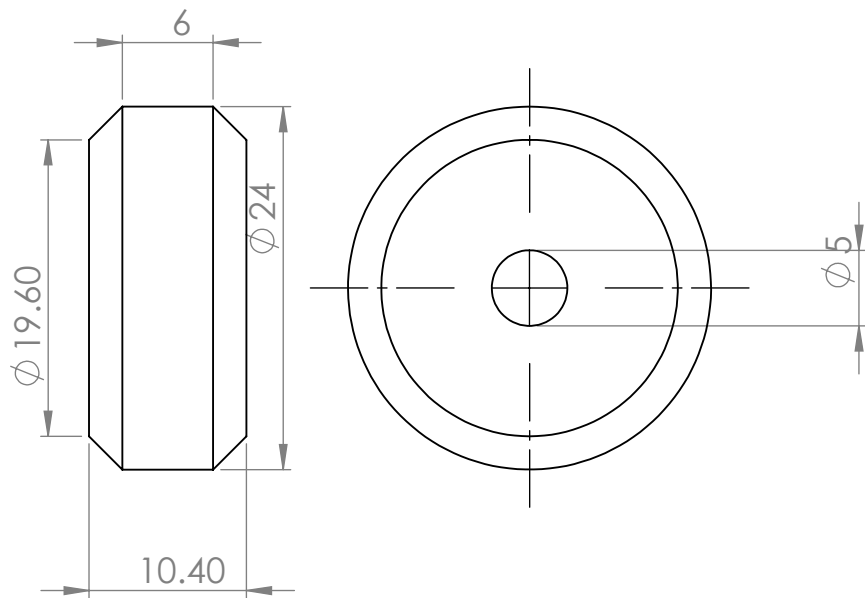


REVISA: Ing. Ricardo Jaimes Rolon

HOJA 15/23



<div>Universidad Industrial de Santander</div> <div></div>		<div>UNIVERSIDAD INDUSTRIAL DE SANTANDER</div>	
FECHA: 24/01/22		TITULO: <div>Porta herramienta</div>	
ESCALA: 1:10			
UNIDADES: mm		AUTOR: Fabian Solano -Yonathan Sandoval	
A4	<div></div>	REVISA: Ing. Ricardo Jaimes Rolon	HOJA 16/23



**UNIVERSIDAD INDUSTRIAL DE
SANTANDER**

FECHA: 24/01/22

TITULO:

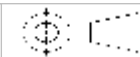
ESCALA: 1:10

Traslacion Z

UNIDADES: mm

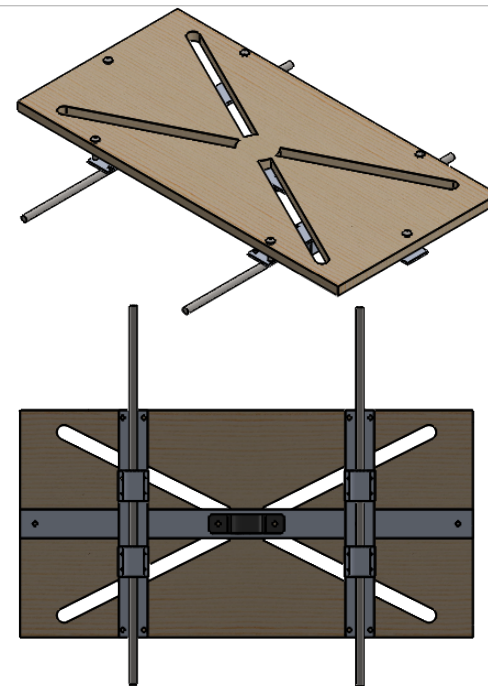
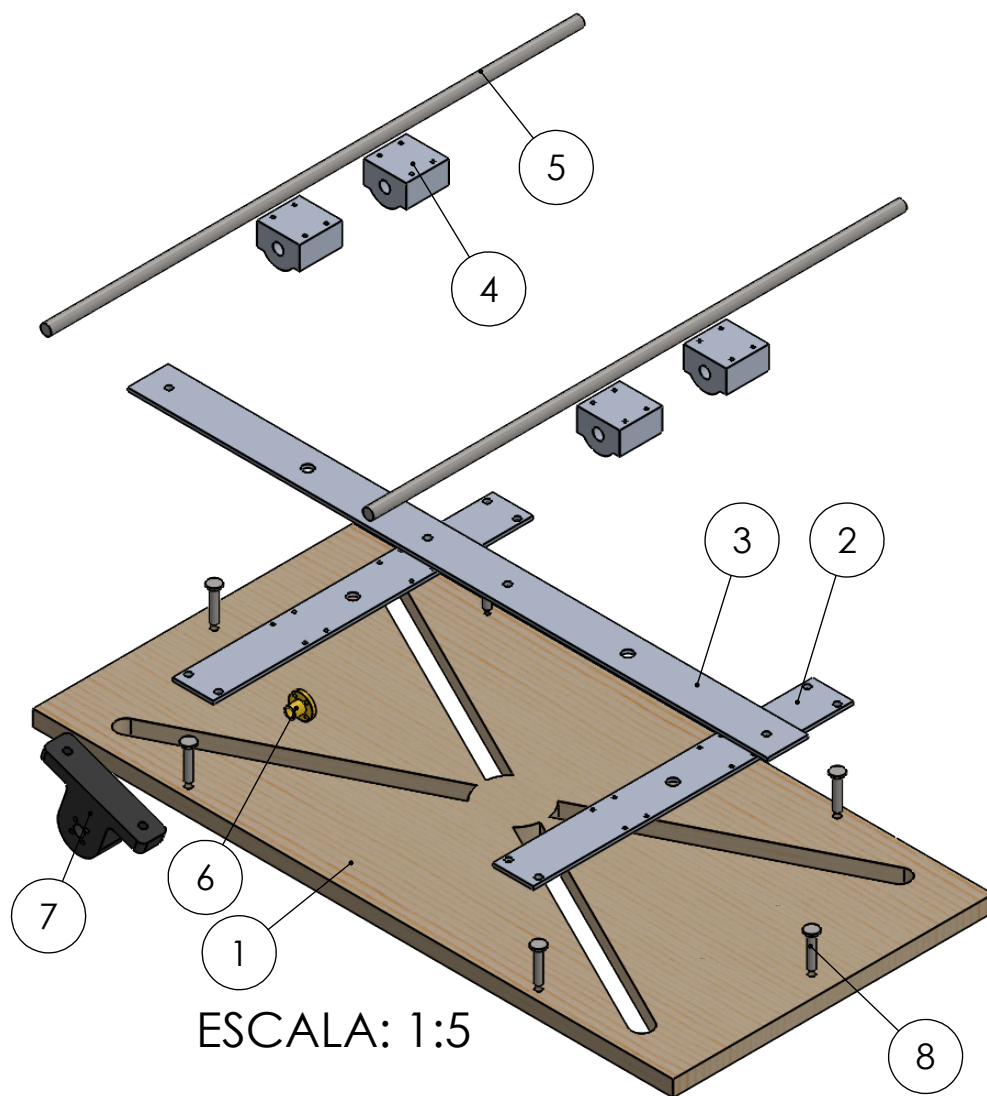
AUTOR: Fabian Solano -Yonathan Sandoval

A4



REVIS: Ing. Ricardo Jaimes Rolon

HOJA 17/23



NUMERO	PIEZA
1	CAMA DE TRABAJ
2	PLATINA H2
3	PLATINA H1
4	SCS10UU
5	VARILLA 10 mm
6	TRAPEZOIDAL 8mm
7	BASE TRAPEZOIDAL
8	TORNILLO M6



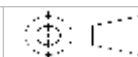
UNIVERSIDAD INDUSTRIAL DE SANTANDER

FECHA: 24/01/22

ESCALA: 1:10

UNIDADES: mm

A4



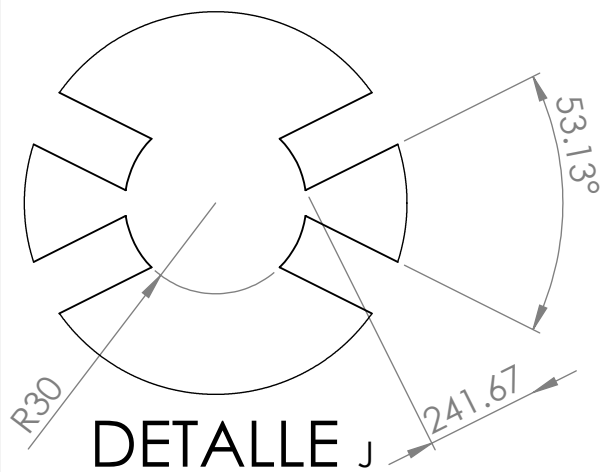
TITULO:

Traslacion Y

AUTOR: Fabian Solano -Yonathan Sandoval

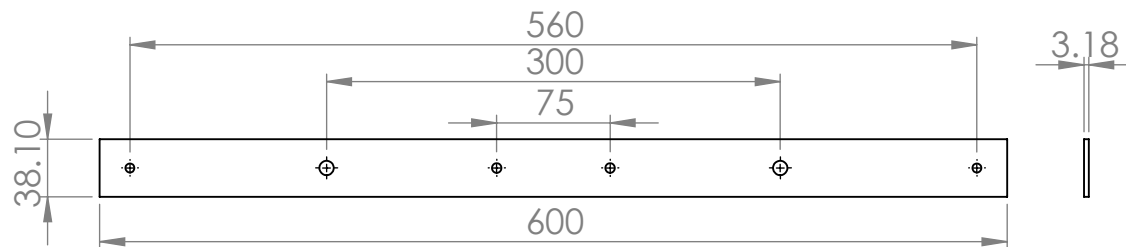
REVIS: Ing. Ricardo Jaimes Rolon

HOJA 18/23

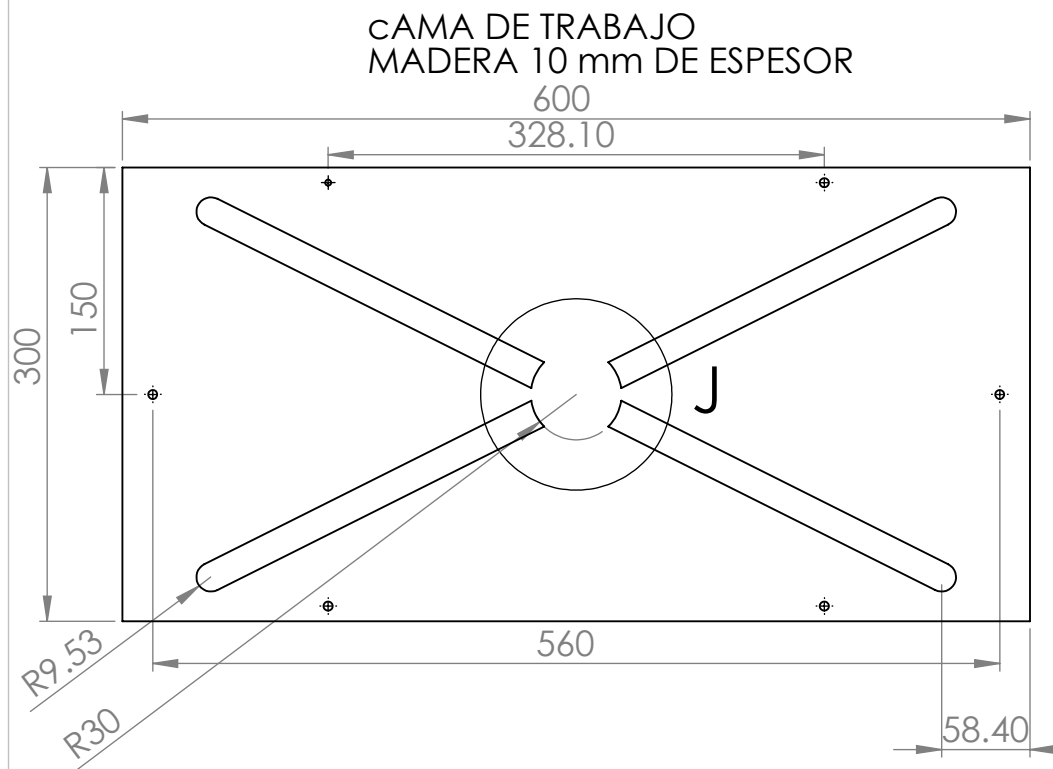


DETALLE J

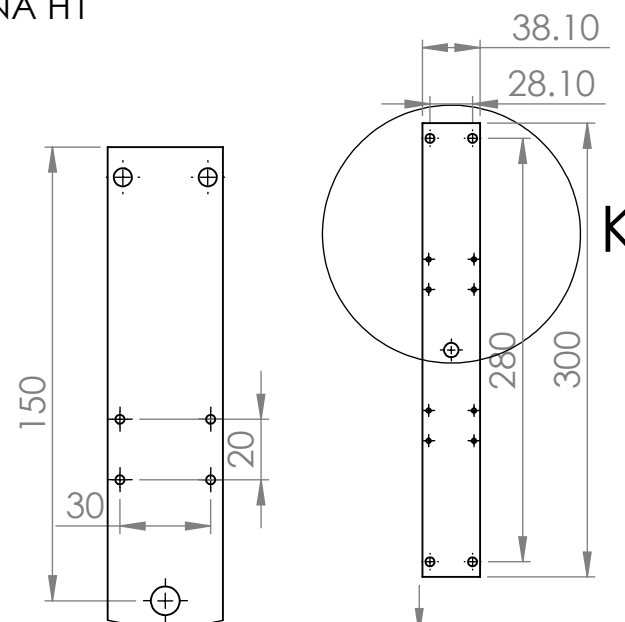
ESCALA 2 : 5



PLATINA H1



CAMA DE TRABAJO
MADERA 10 mm DE ESPESOR



DETALLE K

ESCALA 2 : 5

PLATINA H2



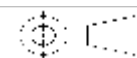
**UNIVERSIDAD INDUSTRIAL DE
SANTANDER**

FECHA: 24/01/22

ESCALA: 1:10

UNIDADES: mm

A4



TITULO:

CAMA DE TRABAJO -LA H

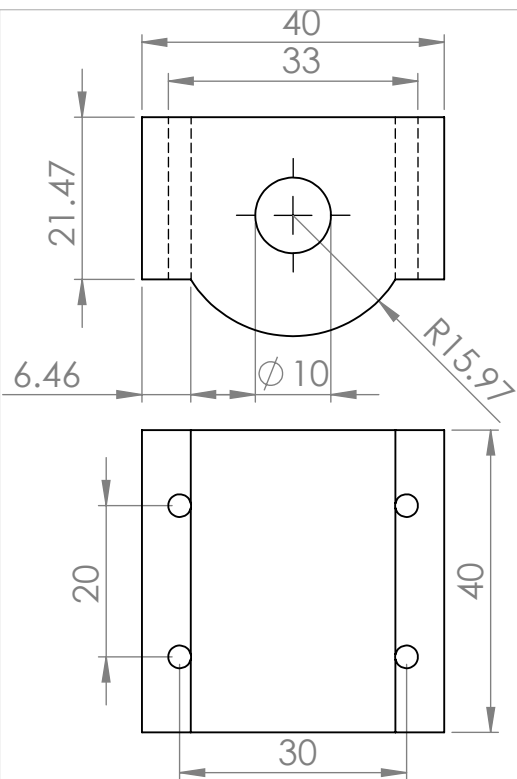
AUTOR:

Fabian Solano -Yonathan Sandoval

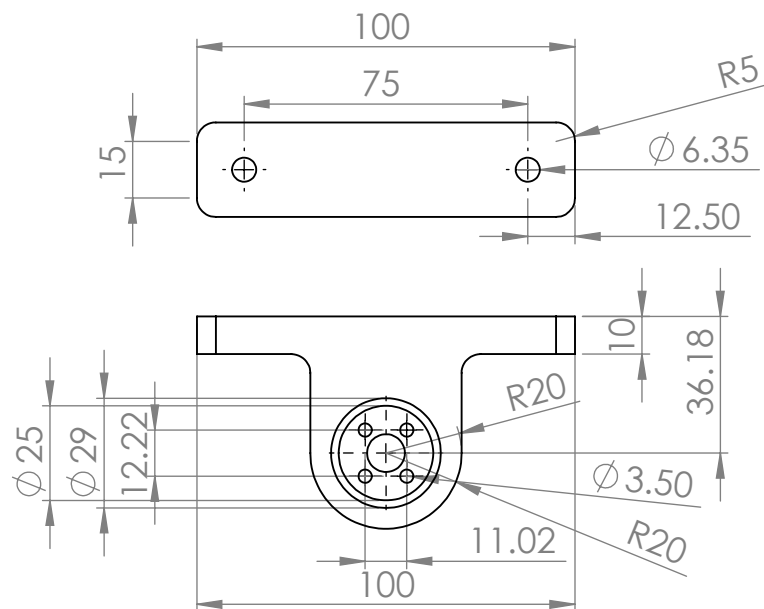
REVISIA:

Ing. Ricardo Jaimes Rolon

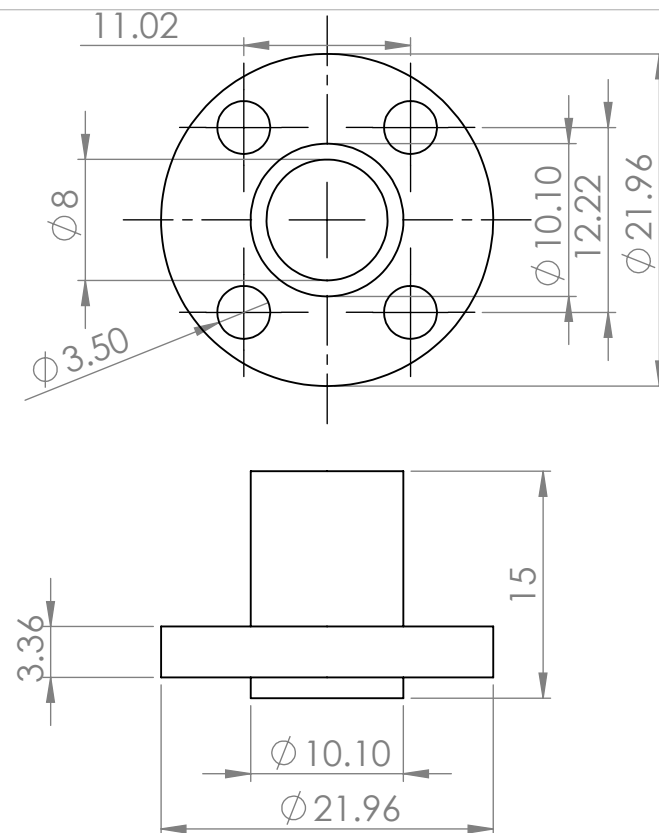
HOJA 19/23



RODAMIENTO SCS10UU
ESCALA:1:1



BASE PARA TUERCA TRAPEZOIDAL
ESCALA: 1:2



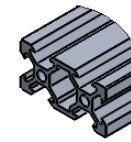
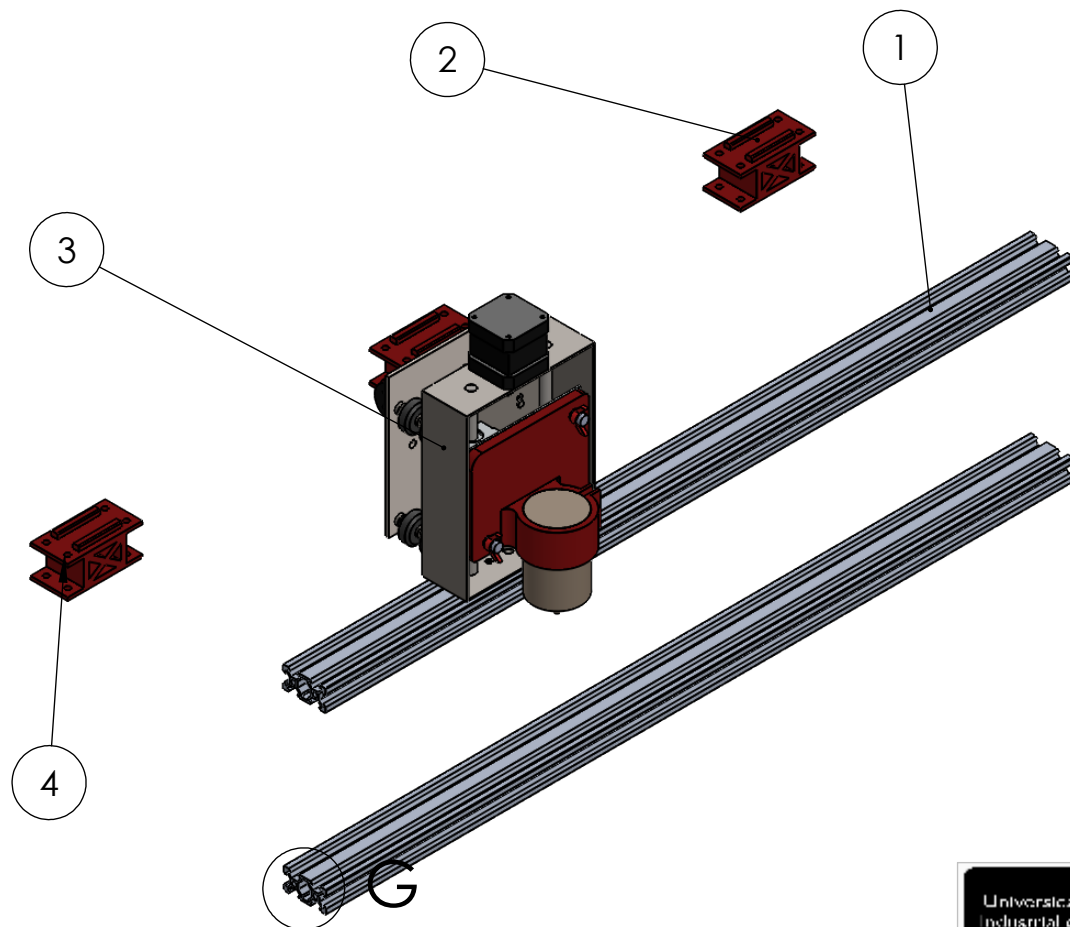
TUERCA TRAPEZOIDAL 8 mm
ESCALA: 2:1



VARILLA EN ACERO 10 mm
ESCALA: 1:5

Ø 10

				UNIVERSIDAD INDUSTRIAL DE SANTANDER	
FECHA: 24/01/22		TITULO: SCS10UU-VARILLA 10-BASE-TRAPEZOIDAL			
ESCALA: 1:10					
UNIDADES: mm		AUTOR: Fabian Solano -Yonathan Sandoval			
A4		REVIS: Ing. Ricardo Jaimes Rolon		HOJA 20/23	



DETALLE G

ESCALA 2 : 5

NUMERO	PIEZA
1	PERFIL 2040
2	SEPARADOR
3	CARRO Z
4	SEPARADOR



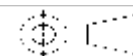
**UNIVERSIDAD INDUSTRIAL DE
SANTANDER**

FECHA: 24/01/22

ESCALA: 1:10

UNIDADES: mm

A4



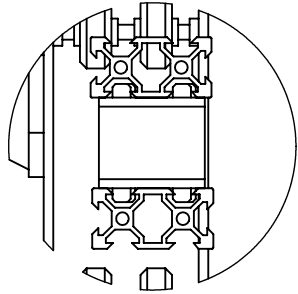
TITULO:

Traslacion X

AUTOR: Fabian Solano -Yonathan Sandoval

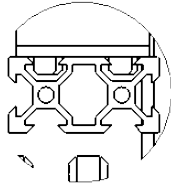
REVIS: Ing. Ricardo Jaimes Rolon

HOJA 21/23



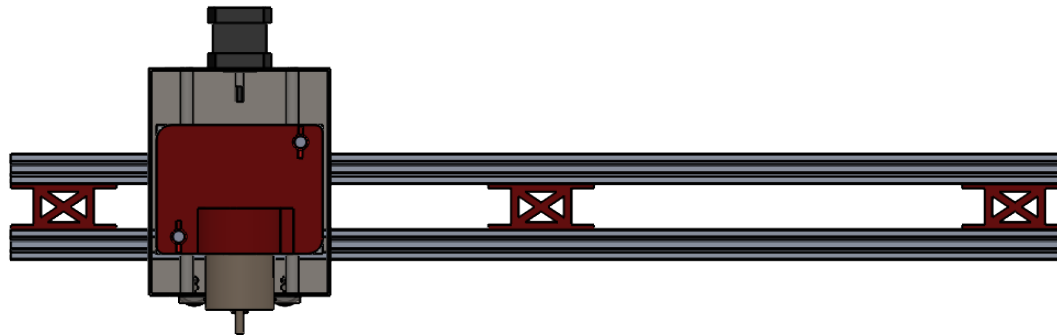
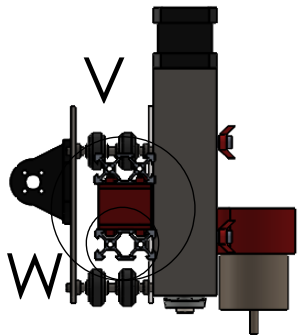
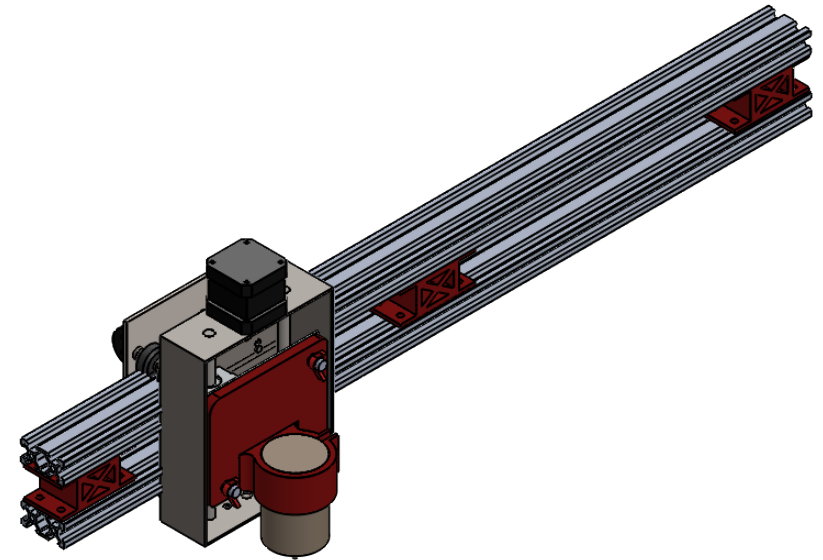
DETALLE _v

ESCALA 2 : 5

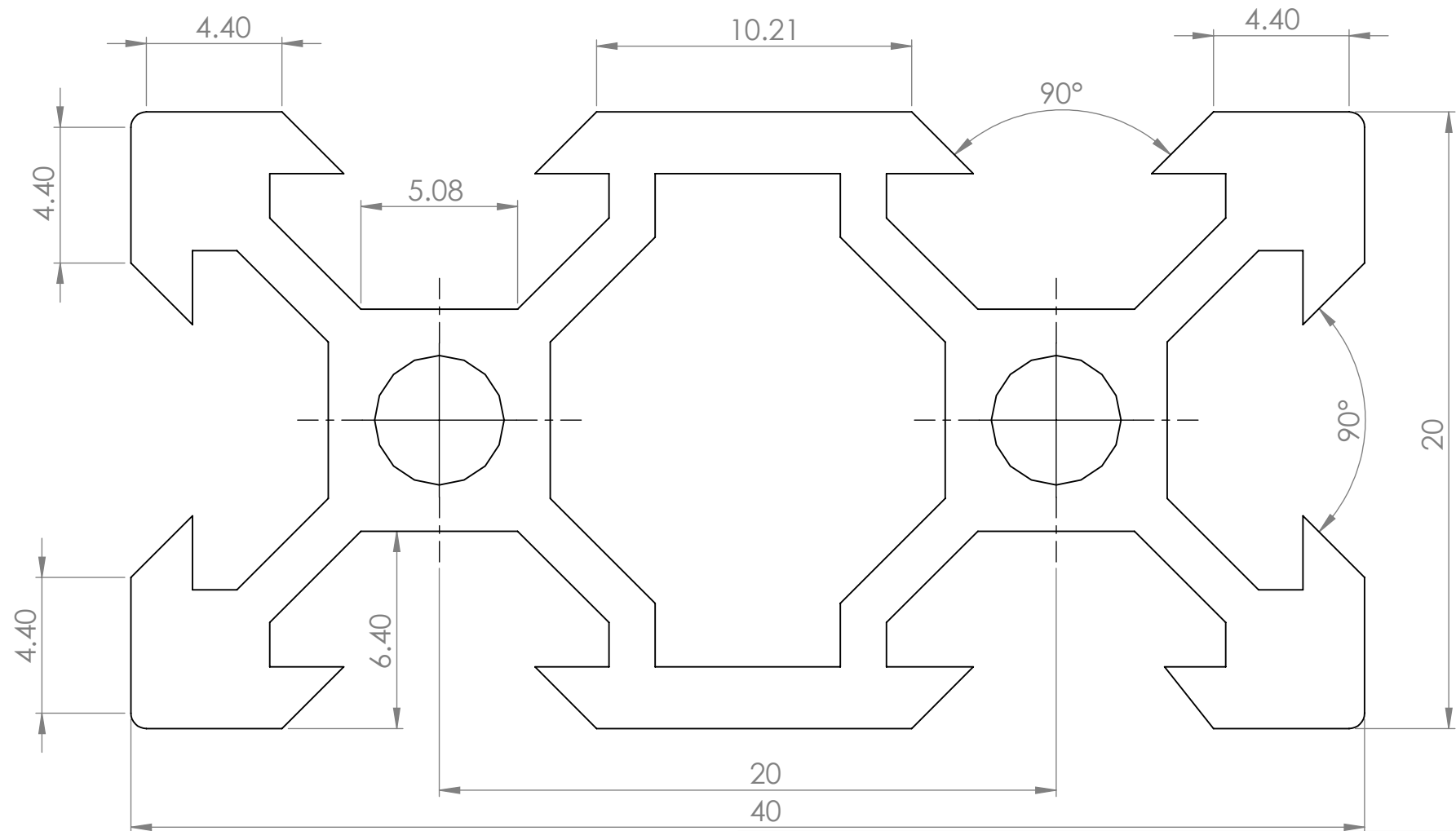


DETALLE _w

ESCALA 1 : 2



				UNIVERSIDAD INDUSTRIAL DE SANTANDER	
FECHA: 24/01/22		TITULO: Traslacion X- Perfil 2040			
ESCALA: 1:10					
UNIDADES: mm		AUTOR: Fabian Solano -Yonathan Sandoval			
A4		REVIS: Ing. Ricardo Jaimes Rolon		HOJA 22/23	



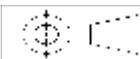
**UNIVERSIDAD INDUSTRIAL DE
SANTANDER**

FECHA: 24/01/22

ESCALA: 5:1

UNIDADES: mm

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TITULO:

Vista de detalle I perfil 2040

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HOJA 23/23