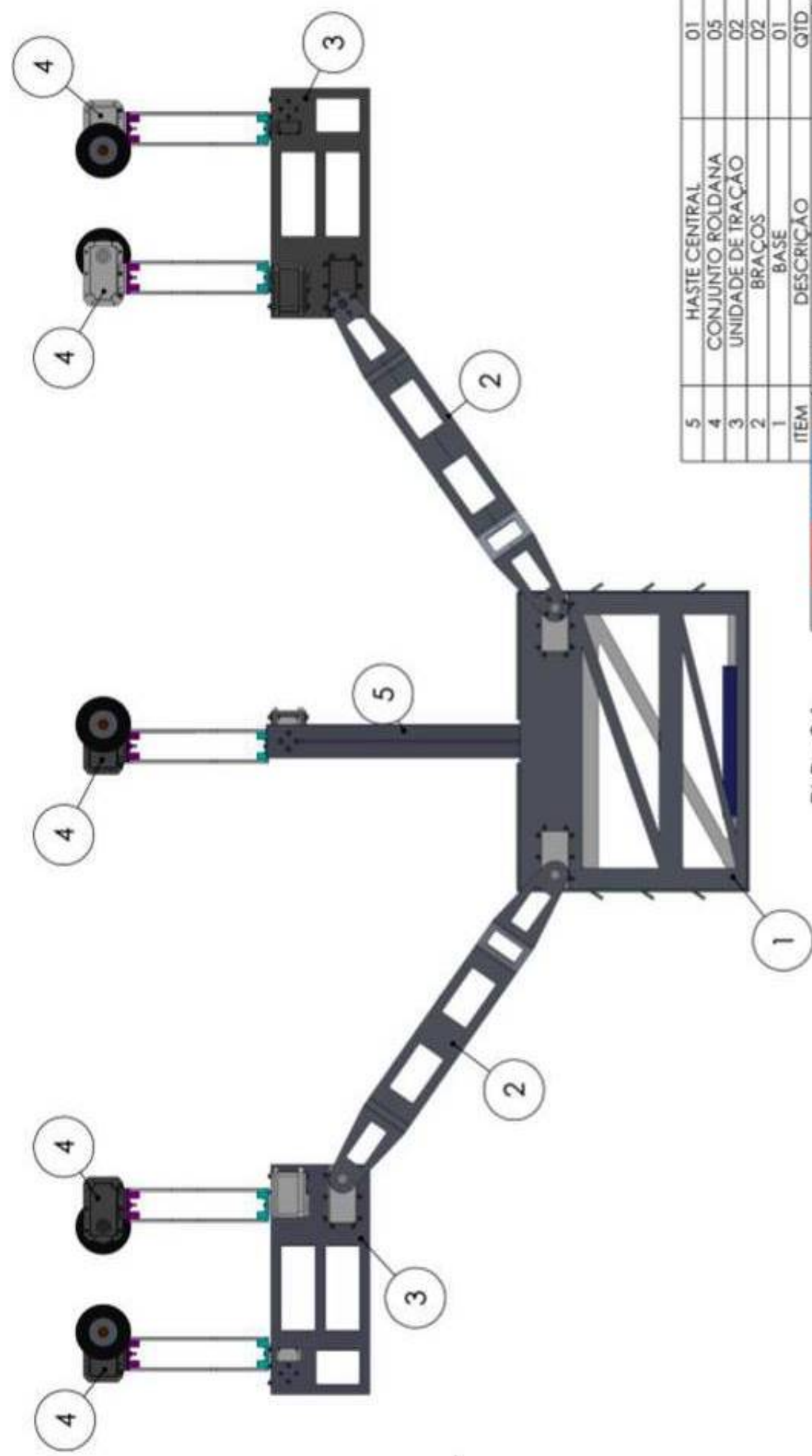


REV	DESCRIPTION	DRAW	DATE
0	Drawing elaboration	Juliana Sartori	07/09/2017



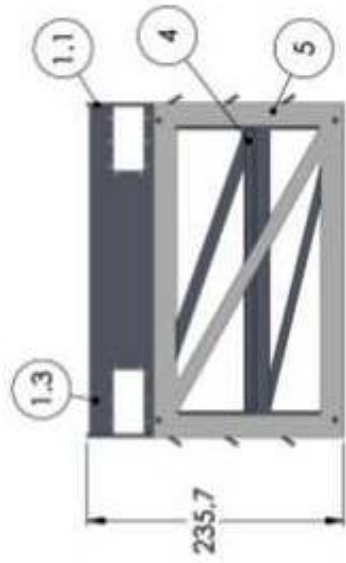
PI-Ro 2.1  
VISTA FRONTAL

ITEM	DESCRICO	QTD
5	HASTE CENTRAL	01
4	CONJUNTO ROLDANA	05
3	UNIDADE DE TRACAO	02
2	BRAÇOS	02
1	BASE	01

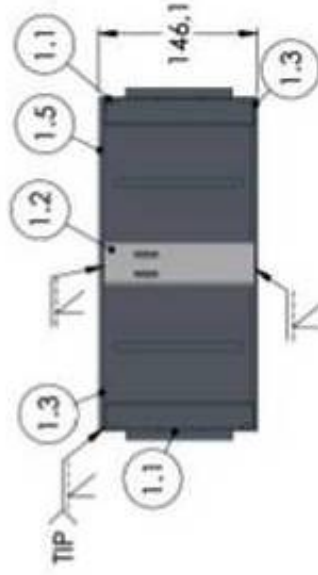
Nome: 1. Aluno responsável pelo projeto 2. Responsável técnico 3. Enunciado finalizado	Responsável: 0

Projeto: PI-Ro 2.1	Material: Alumínio
Autor: Juliana Sartori	Versão: 1.0
Data: 07/09/2017	Página: 1 of 13

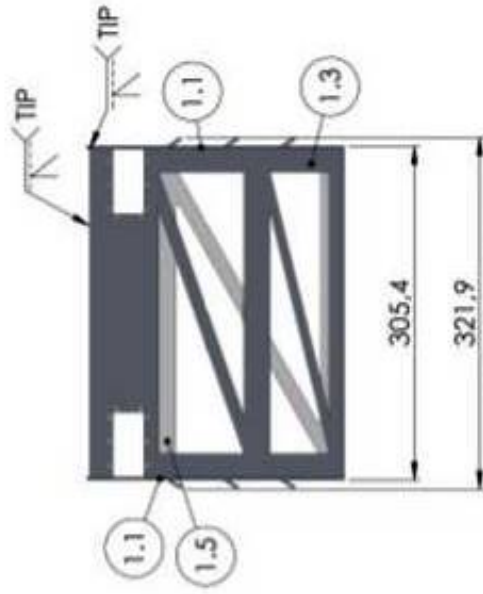
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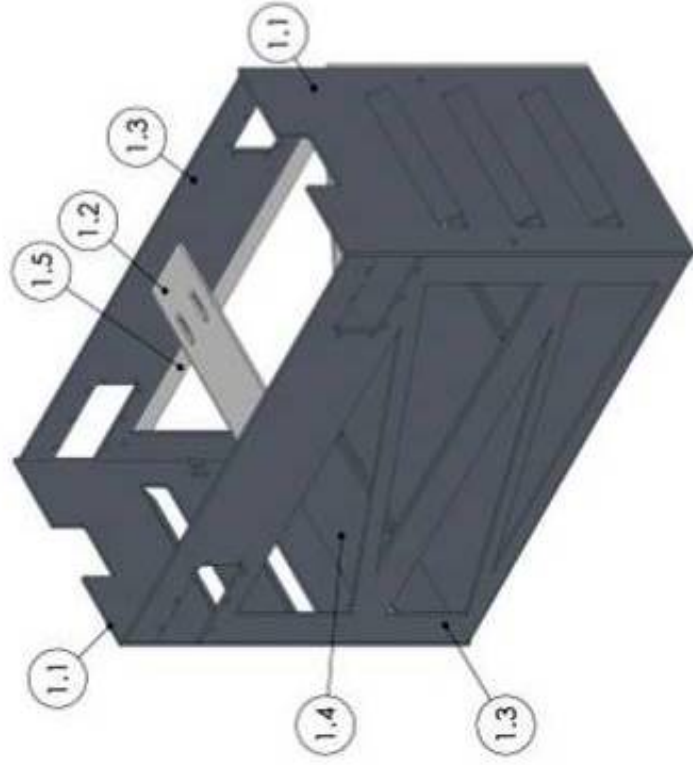
VISTA TRASEIRA



VISTA SUPERIOR



VISTA FRONTAL



VISTA ISOMÉTRICA

ITEM	DESCRIÇÃO	QTD
1.5	CHAPA 05: 305,4 x 175 x 2,7mm	01
1.4	CHAPA 04: 148 x 254 x 2,7mm	01
1.3	CHAPA 03: 608,8 x 300 x 2,7mm	01
1.2	CHAPA 01: 138 x 47 x 2,7 mm	01
1.1	CHAPA 01: 143,4 x 235,4 x 2,7 mm	02



Nome:	Juliana Sartori	Material:	Alumínio
1. Atividade de ensino e pesquisa		Thema:	N/A
2. Atividade de ensino e pesquisa		Page:	2/13
3. Atividade de ensino e pesquisa			

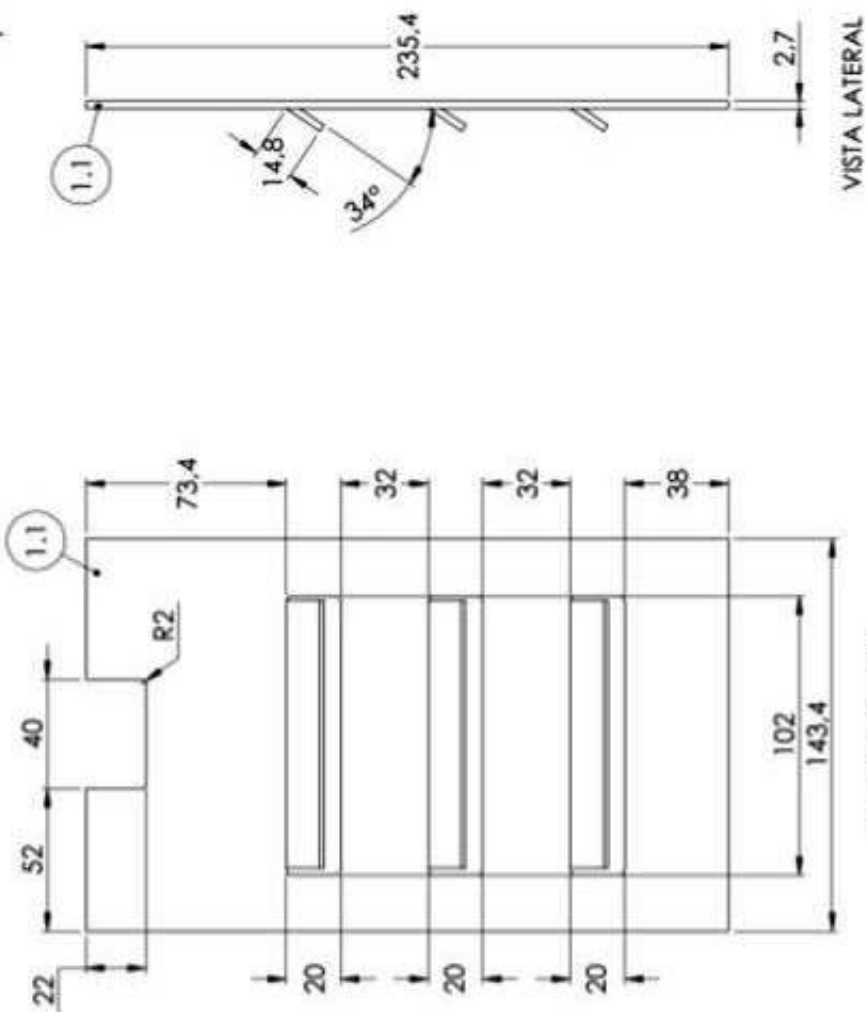
Projeto:	PI-Ro 2.1
Disciplina:	Juliana Sartori
Assunto:	Marco Reis
Data:	07/09/2017

Grav. Título:	BASE - ITEM 01
Grav. Escala:	1:2
Grav. Formato:	X
Grav. Material:	A3

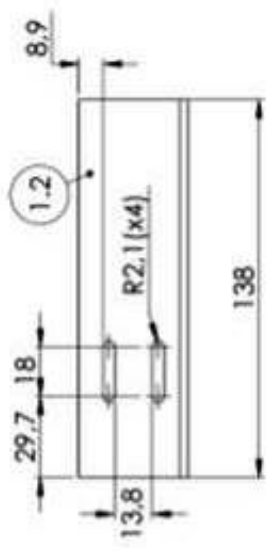
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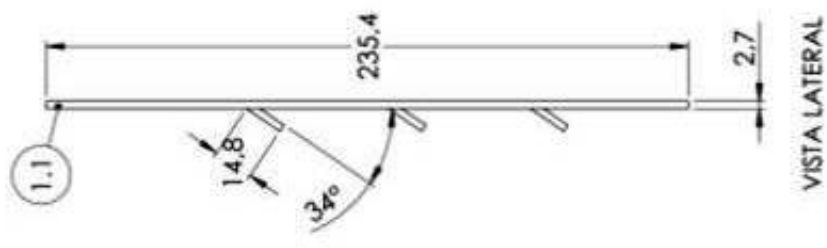
REV	DESCRIPTION	DRAW	DATE
0	Drawing elaboration	Juliana Sartori	07/09/2017



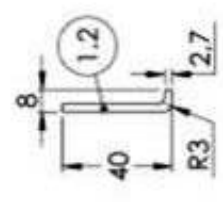
VISTA FRONTAL



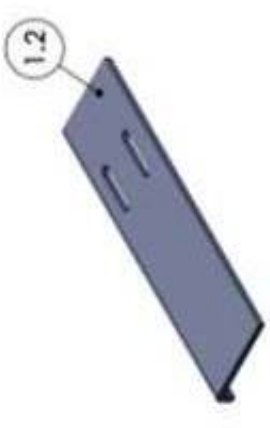
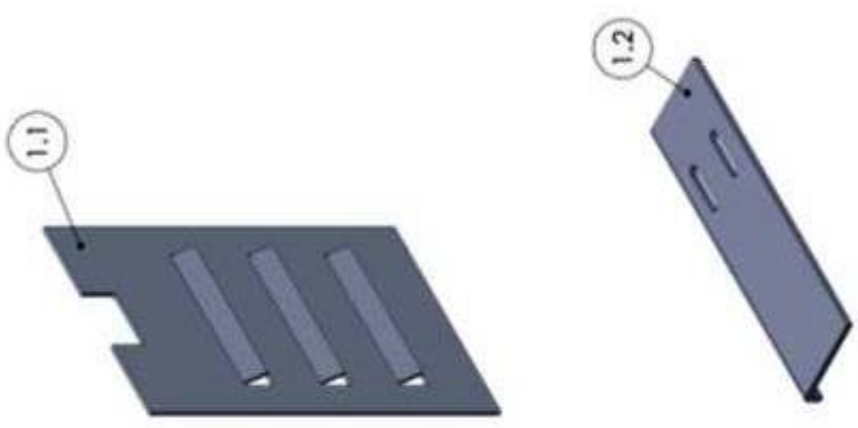
VISTA SUPERIOR



VISTA LATERAL



VISTA LATERAL

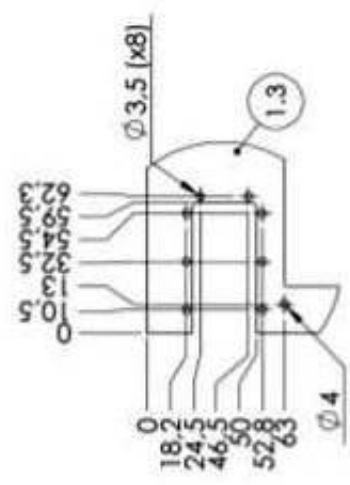
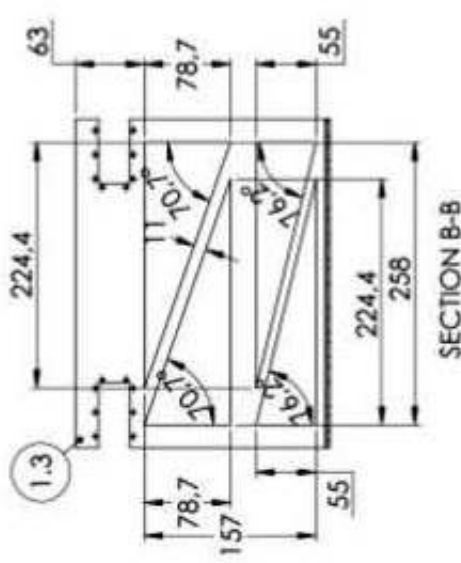
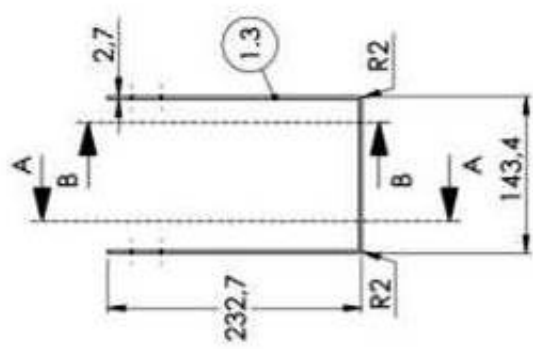
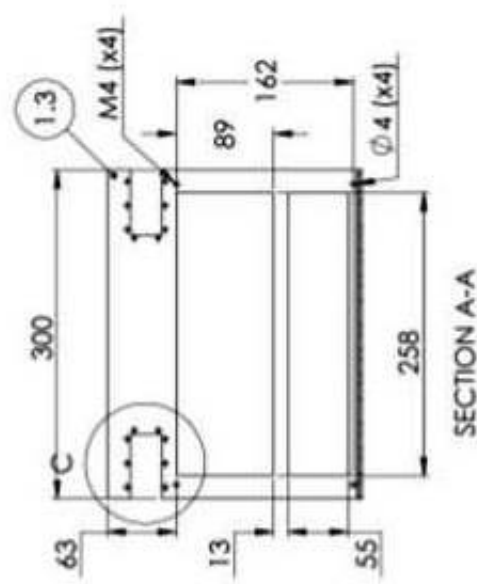


ITEM	DESCRIÇÃO	MATERIAL
1.2	CHAPA 02 : 138 x 47 x 2,7 mm	Alumínio
1.1	CHAPA 01 : 143,4 x 235,4 x 2,7 mm	Alumínio

		Drawn By:	BASE - ITENS 1.1 E 1.2 E ITEM 1.2	
		Project:	Pi-Ro 2.1	
		Drawn:	Juliana Sartori	
		Approved:	Marco Reis	
		Material:	Alumínio	
		Thickness:	N/A	
		Page:	3/13	
		Date:	07/09/2017	
		THE INFORMATION IN THIS DOCUMENT CAN NOT BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF SENAI FIEB		

NOTA 01: CONSIDERAR QUE FILETES NÃO ESPECIFICADOS TÊM RAIO IGUAL A 2,0mm.

REV	DESCRIPTION	DRAW	DATE
0	Drawing elaboration	Juliana Sartori	07/09/2017

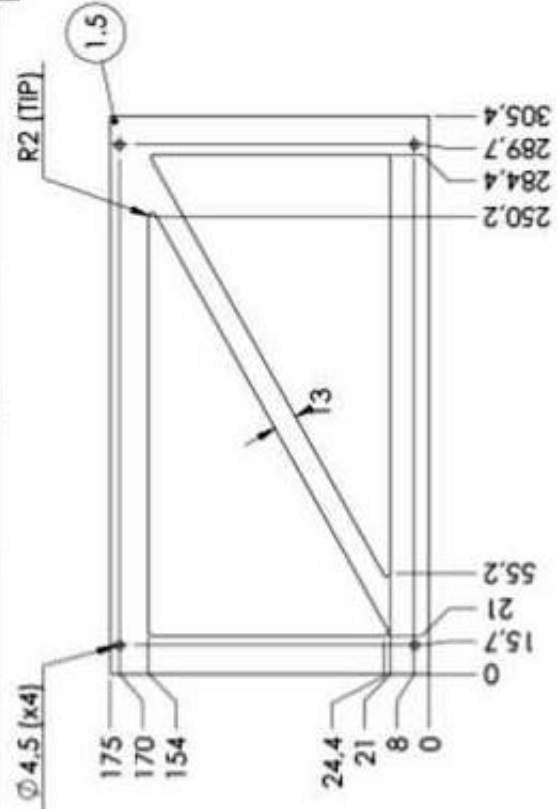


DETALHE C  
ESCALA 2:5  
FURAÇÃO TÍPICA PARA ENCAIXE  
DO MOTOR MX-106T

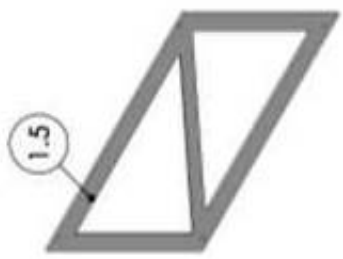
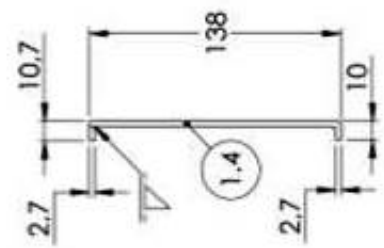
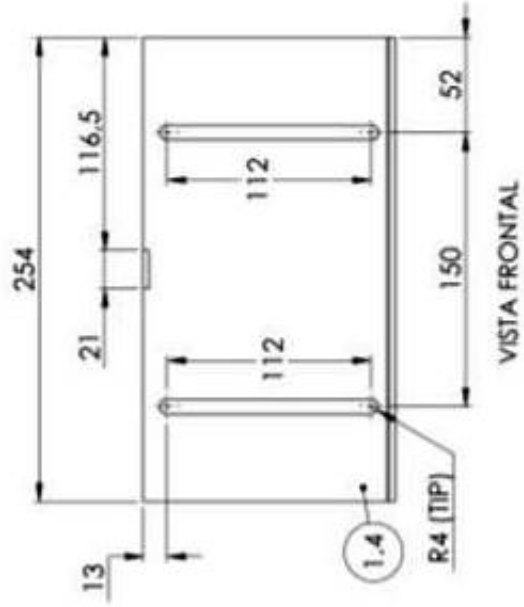
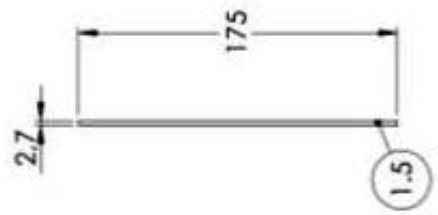
ITEM	DESCRIÇÃO	MATERIAL
1.3	Chapa 608.8 x 300 x 2.7mm	Alumínio
BASE - ITEM 1.3		
Projeto: F-Ro 2.1		
Desenho: Juliana Sartori		
Assinatura: Marco Reis		
Data: 07/09/2017		
Revisão: 0		
Material: Alumínio		
Thermoplast: N/A		
Page: 4/13		
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REV	DESCRIPTION	DRAW	DATE
0	Drawing elaboration	Juliana Sartori	07/09/2017



VISTA LATERAL



ITEM	DESCRIÇÃO	MATERIAL
5	Chapa 305,4 x 145 x 2,7mm	Alumínio

BASE - ITENS 1.4 E 1.5		Quantidade	1,2
		Unidade	--
		Item	A3
		Processo	Forjamento
		Material	Alumínio
		Norma	N/A
		Projeto	5/13
		Desenho	07/09/2017

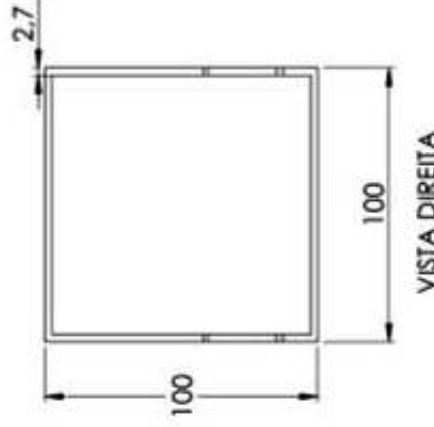
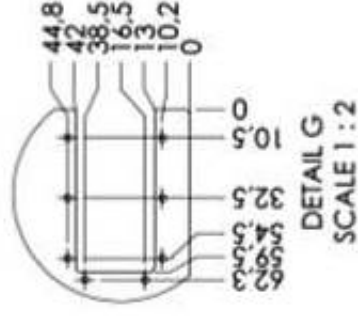
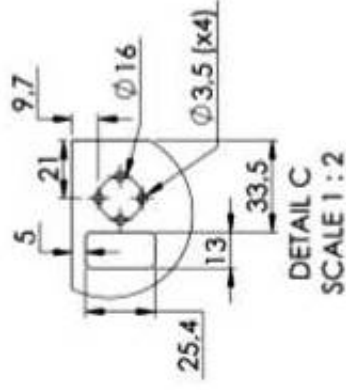
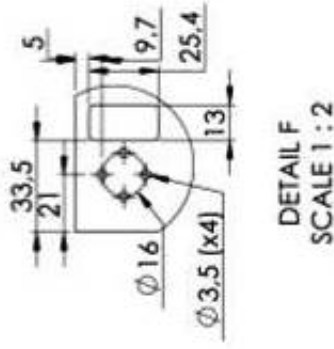
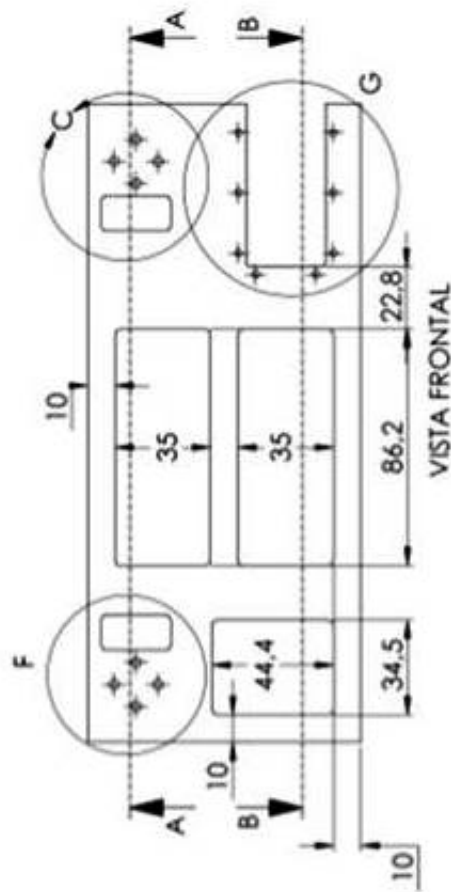
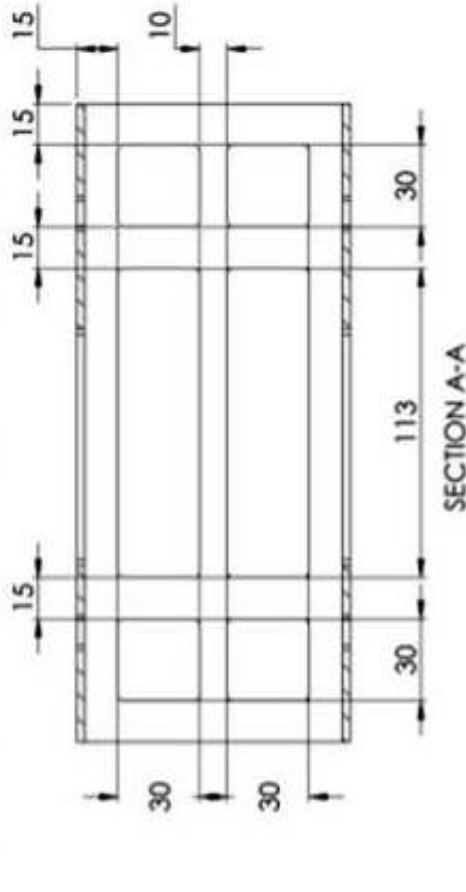


Notas:  
1. Atividade de projeto  
2. Item de projeto  
3. Item de projeto  
4. Item de projeto  
5. Item de projeto

Revisão: 0

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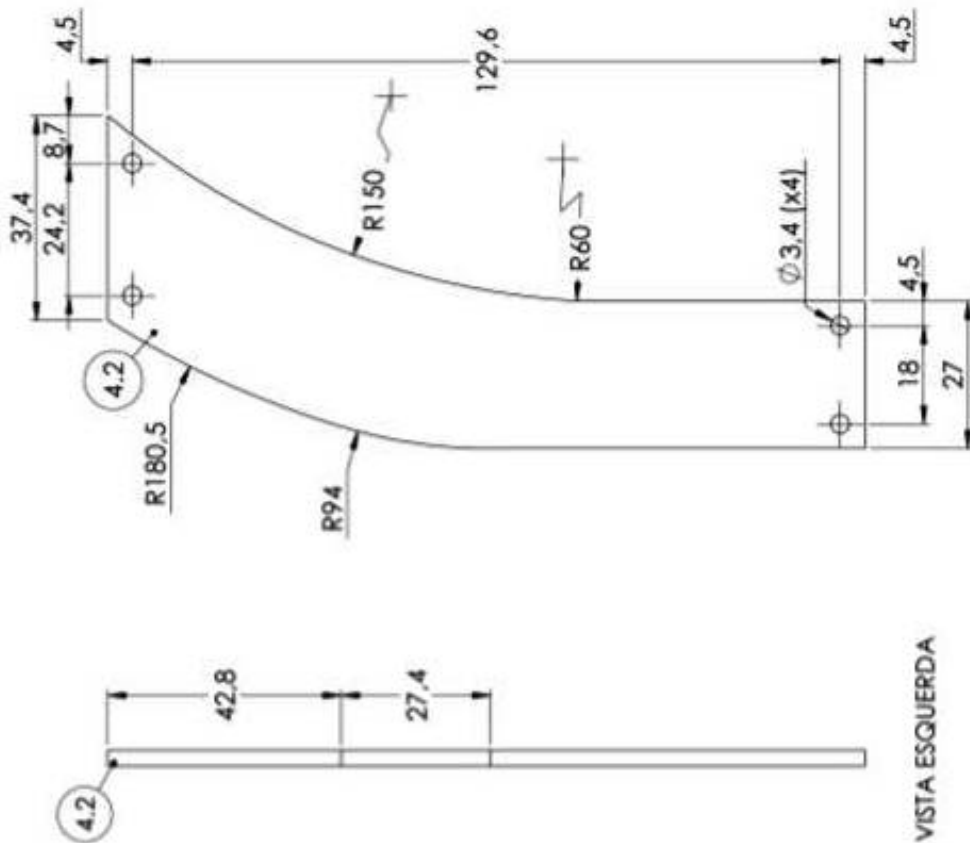
VISTA ISOMÉTRICA

NOTA 01: CONSIDERAR QUE FILETES NÃO ESPECIFICADOS TÊM RAIO IGUAL A 2mm.

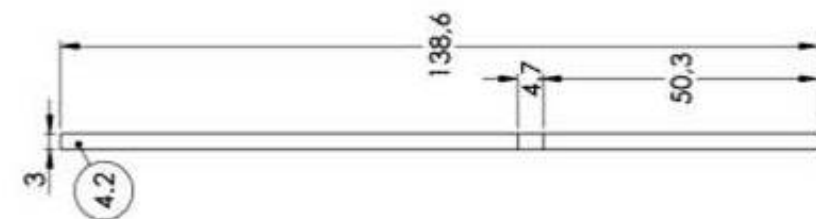
SENAI FIEB		UNIDADE DE TRACÇÃO - ITEM 03	
BRASIL		Projeto: PIRo 2.1	
3R Robotics		Desenho: Juliana Sartori	
Material: Alumínio		Aprovado: Marco Reis	
Tolerâncias:		Data: 07/09/2017	
1. All measurements in mm		Folha: 01	
2. Dimensional tolerances		Página: 7/13	
3. Default fitting		The information in this document shall not be copied, stored, used or	
Revisão: 0		used for other than the intended purpose without the written consent of	

REV	DESCRIPTION	DRAW	DATE
0	Drawing elaboration	Juliana Sartori	07/11/2016
A	Modificação de dimensões	Juliana Sartori	18/11/2016

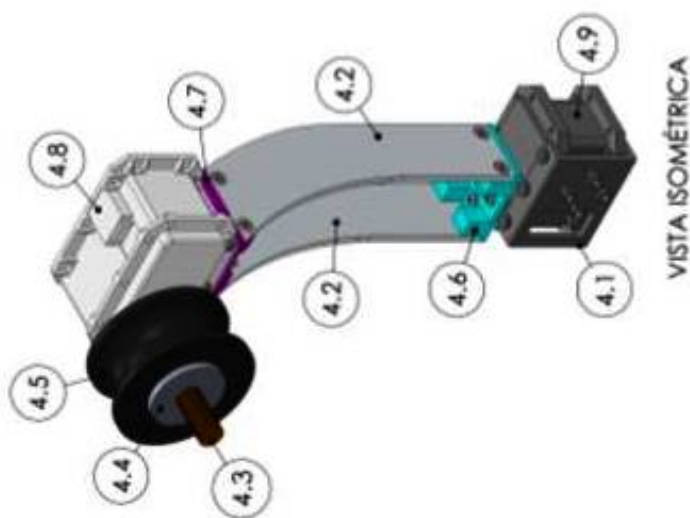
REV	DESCRIPTION	DRAW	DATE
0	Drawing elaboration	Juliana Sartori	07/09/2017



VISTA ESQUERDA



VISTA DIREITA



VISTA ISOMÉTRICA

ITEM	DESCRICAÇÃO	QTD	MATERIAL
4.9	Motor MX-28	05	Alumínio
4.8	Motor MX-106T-31	05	Alumínio
4.7	Garra- Chapa IV	05	Alumínio
4.6	Garra- Chapa III	05	Alumínio
4.5	Roldana externa	05	Borracha
4.4	Roldana interna	05	Alumínio
4.3	Eixo Roldana	05	Alumínio
4.2	Garra- Chapa I	10	Alumínio
4.1	Suporte garra	05	Alumínio

		<b>CONJUNTO ROLDANA - ITEM 04</b> <b>E</b> <b>ITEM 4.2</b>	
<b>Project:</b> PH-2.1		<b>Material:</b> Alumínio	
<b>Drawn:</b> Juliana Sartori		<b>Thermal:</b> N/A	
<b>Approved:</b> Marco Reis		<b>Page:</b> 8/13	
<b>Date:</b> 07/09/2017		<b>Scale:</b> 1:2	
<b>Revisão:</b> 0		<b>Quantidade:</b> X	

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4

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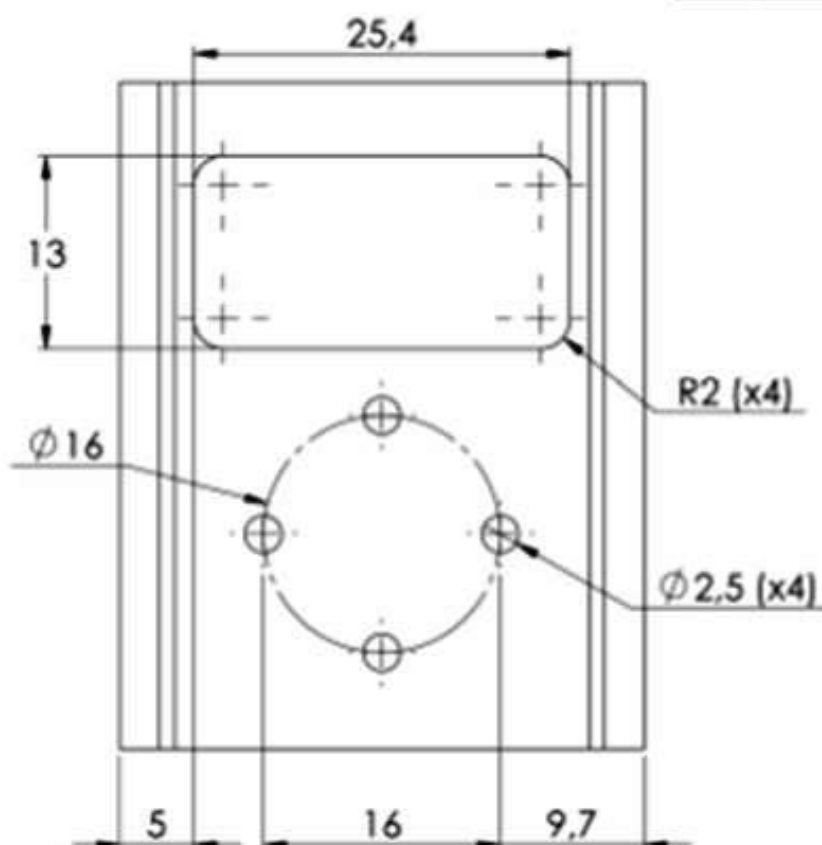
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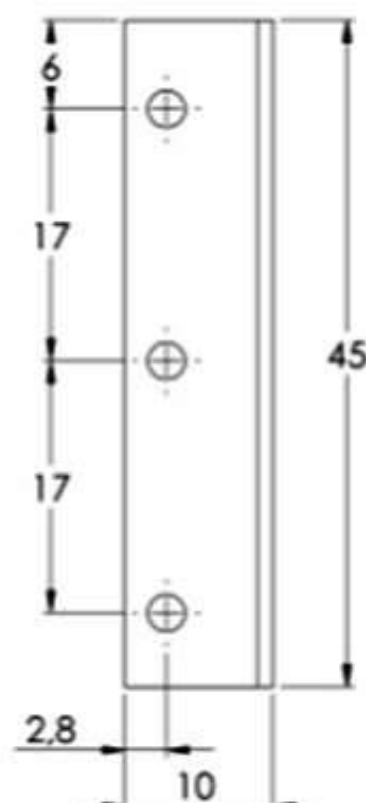
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B

REV	DESCRIPTION	DRAW	DATE
0	Drawing elaboration	Juliana Sartori	07/09/2017



VISTA FRONTAL



VISTA DIREITA



VISTA INFERIOR



VISTA ISOMÉTRICA



Notes:  
1. All measurements in mm unless otherwise specified  
2. Remove cutting edge  
3. Default finishing

Revisão:  
0

Tolerâncias:  
mm ±0,001  
mm ±0,01  
mm ±0,1  
mm ±0,2



Draw Title:

CONJUNTO ROLDANA ITEM 4.1

Project:

Pi-Ro 2.1

Draw:

Juliana Sartori

Agree:

Marco Reis

Date:

07/09/2017

Material:

Alumínio

Thermal T:

N/A

Scale:

2:1

Quantity:

05

Size:

A4

Finishing:

Page:

9/13

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4

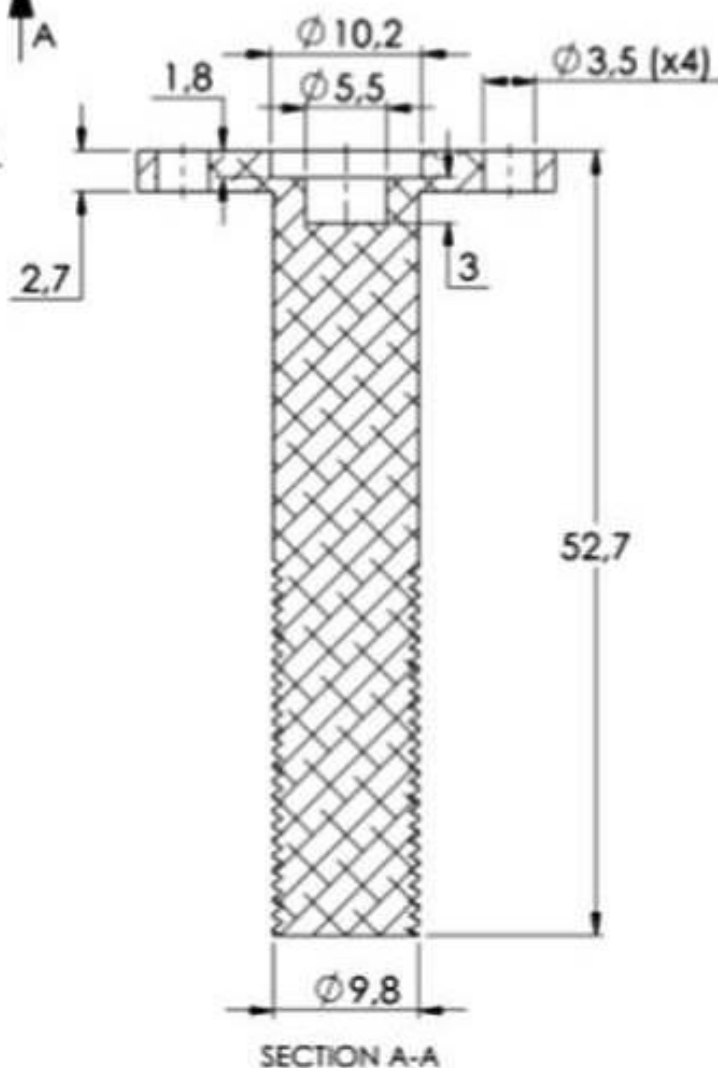
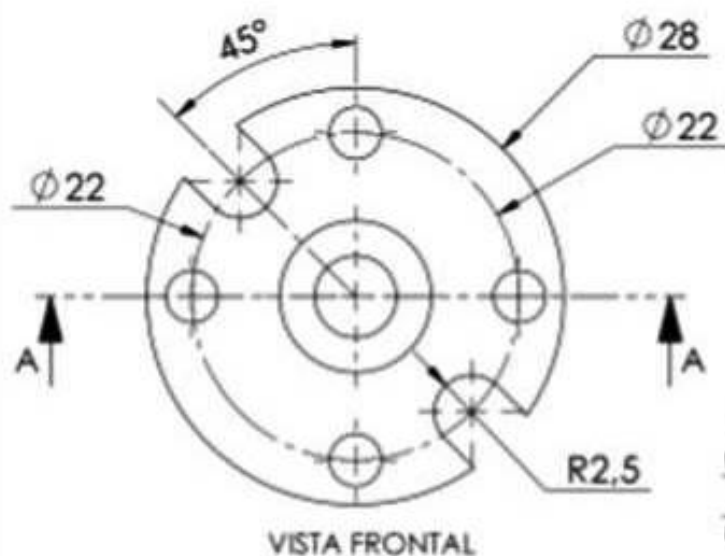
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A

REV	DESCRIPTION	DRAW	DATE
0	Drawing elaboration	Juliana Sartori	07/09/2017



Notes:  
1. All measurement in mm unless otherwise specified  
2. Remove cutting edge  
3. Default finishing

Revisão:  
0

Tolerances:  
xx ±0.001  
xx ±0.01  
xx ±0.1  
xx ±0.2



Draw Title:  
**CONJUNTO ROLDANA ITEM 4.3**

Project:  
PI-Ro 2.1

Draw:  
Juliana Sartori

Agree:  
Marco Reis

Date:  
07/09/2017

Material:  
Alumínio

Thermal T:  
N/A

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Scale:  
2:1

Quantity:  
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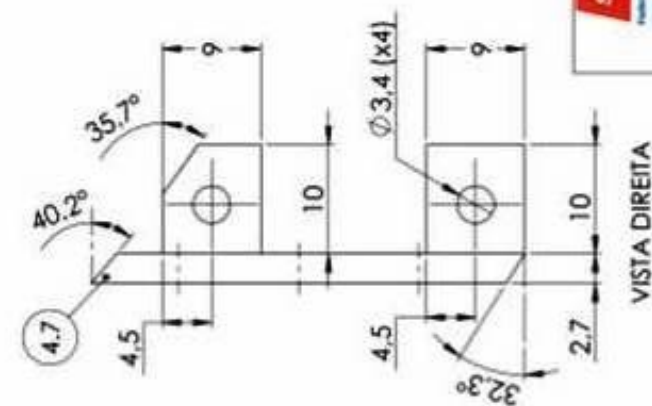
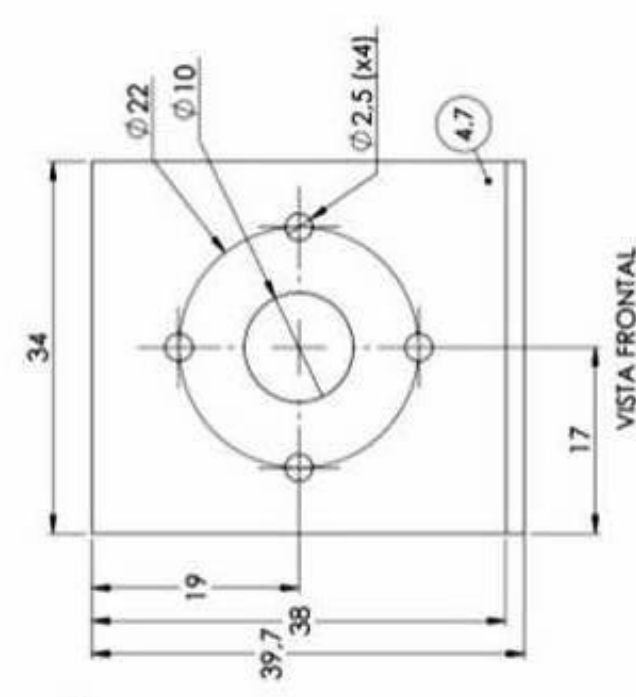
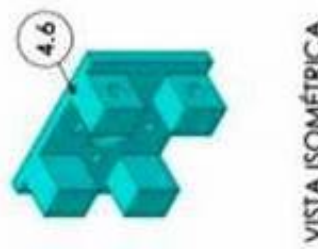
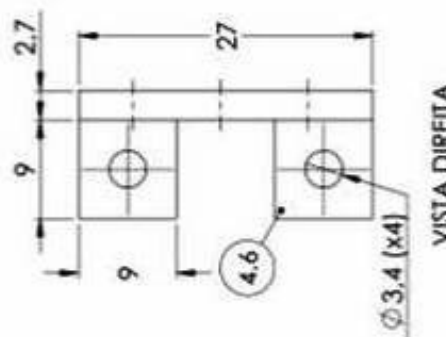
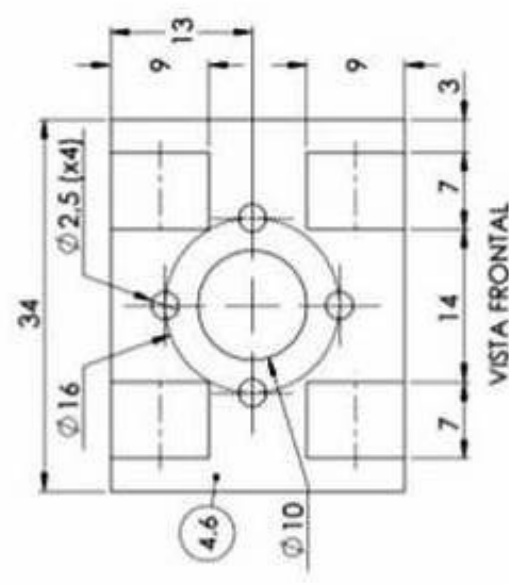
Size:  
A4

Finishing:

Page:  
10/13



REV	DESCRIPTION	DRAW	DATE
0	Drawing elaboration	Juliana Sartori	07/11/2017
A	Modificação de dimensões	Juliana Sartori	18/11/2017



		Draw Title	CONJUNTO ROLDANA - ITENS 4.6 E 4.7		Scale	1:2
		Project	PI-Ro 2.1		Quantity	02
		Draw	Juliana Sartori		Rev	A3
		Material	Alumínio		Finishing	
		Thermal	N/A		Page	12/13
		Sign	Marco Reis			
		Date	07/09/2017			
		Revisão	0			

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4

3

2

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F

E

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C

B

F

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D

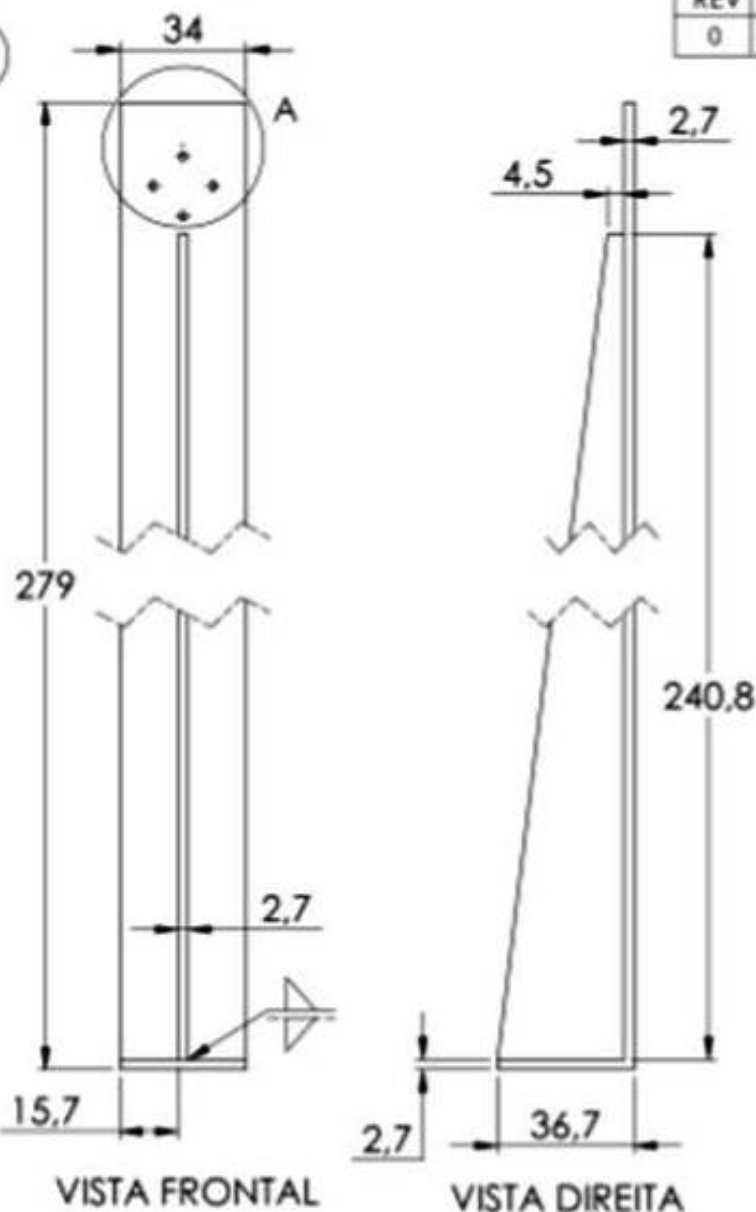
C

B

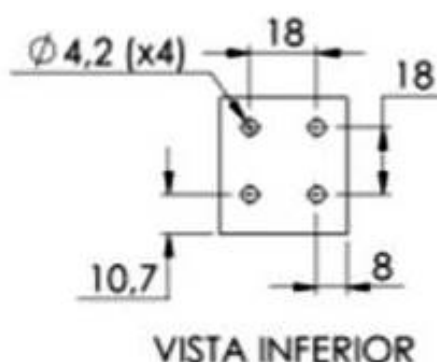
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REV	DESCRIPTION	DRAW	DATE
0	Drawing elaboration	Juliana Sartori	07/09/2017

5



VISTA ISOMÉTRICA



		Draw Title:		Scale:	
		HASTE CENTRAL - ITEM 5		1:2	
		Project:		Quantity:	
		PI-Ro 2.1		01	
		Draw:		Size:	
		Juliana Sartori		A4	
		Material:		Finishing:	
		Alumínio			
		Thermal T:		Page:	
		N/A		13/13	
Notes: 1. All measurement in mm unless otherwise specified 2. Remove cutting edge 3. Default finishing		Tolerances: max ±0.001 max ±0.01 max ±0.1 max ±0.2		Date: 07/09/2017	
Revisado: 0				THE INFORMATION IN THIS DOCUMENT CANNOT BE COPIED, GIVEN AWAY OR USED FOR OTHERS BEINGS EXCEPT THOSE CONTAINED IN THE CONTRACT TERMS.	

4

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