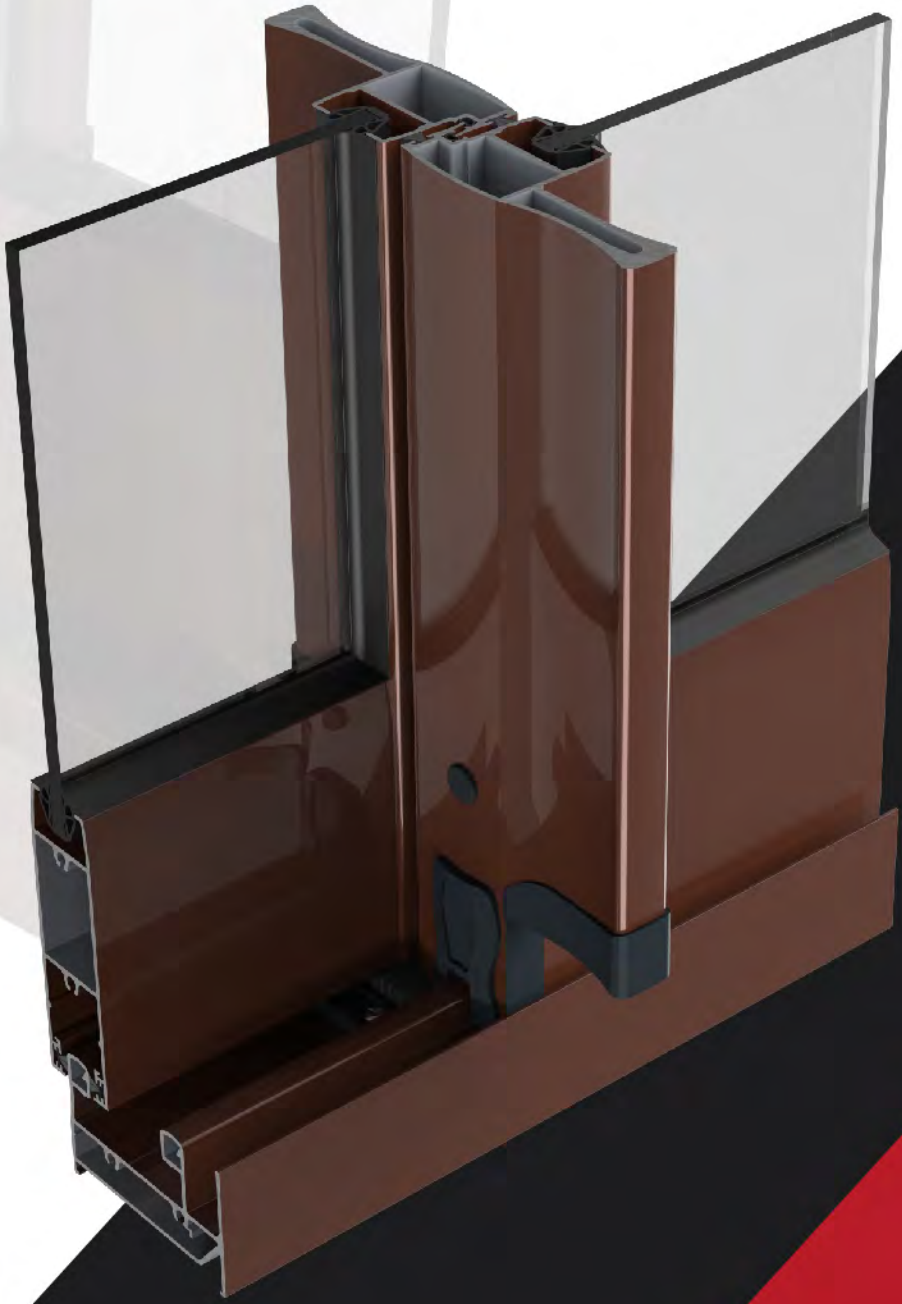
CATÁLOGO TÉCNICO

RENOIR 3.3

SISTEMAS DE ESQUADRIAS DESLIZANTES



REV.02
(MAIO/2025)
Essa versão, anula e substitui as anteriores.

CDA®
HIGH QUALITY IN ALUMINIUM

Sumário interativo

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Aplicações

O GRUPO CDA METAIS

Atua no desenvolvimento de sistemas de esquadrias e fachadas, extrusão, pintura eletrostática e distribuição de alumínio para todo o Brasil.

CENTROS COMERCIAIS

DIADEMA - SP

PORTO ALEGRE - RS

CAMBORÍU - SC

CURITIBA - PR

RECIFE - PE

FÁBRICAS

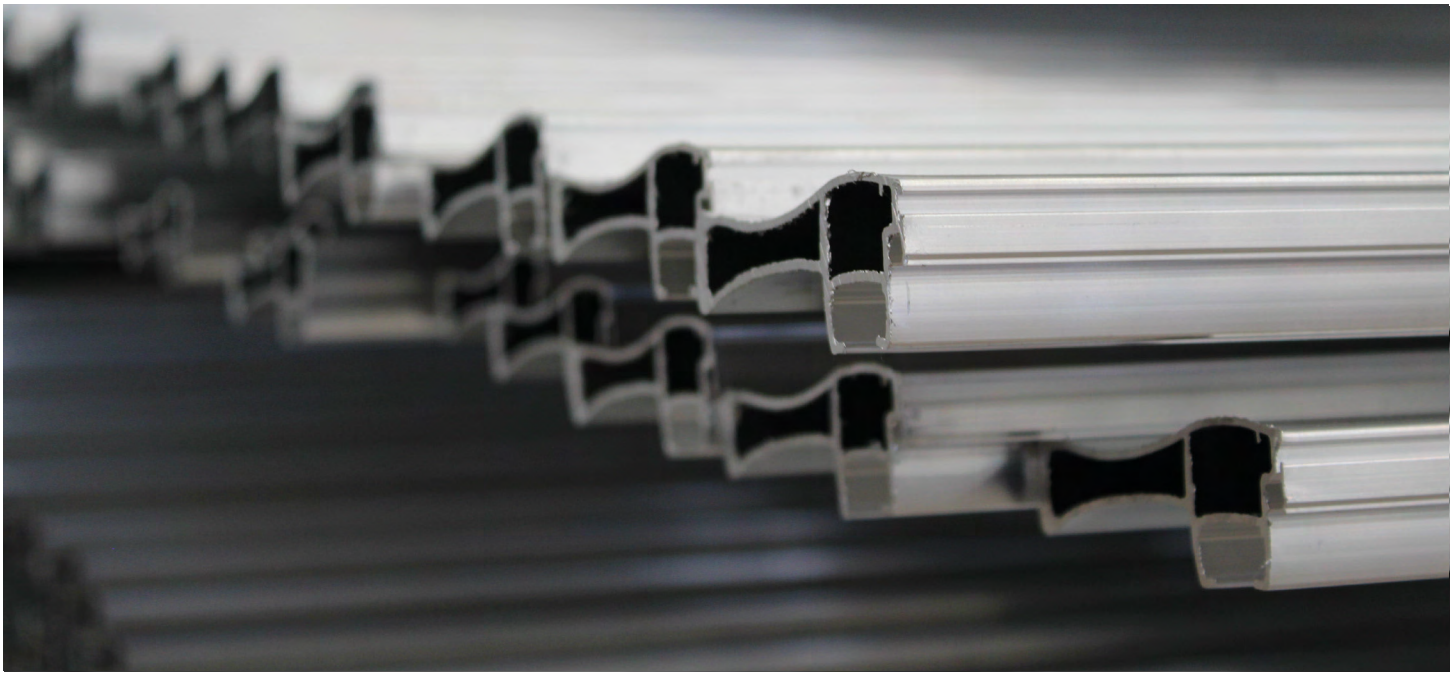
COLATINA - ES

ITAPEVA - MG

CANDEIAS - BA

Rev.02 – (Maio/2025) – Essa versão, anula e substitui as anteriores.

NOSSOS PRODUTOS



NBR 10.821 NBR 15.575 NBR 14.718

Sistemas homologados que combinam tecnologia, design e alto desempenho!

DESEMPENHO ACÚSTICO

DESEMPENHO ESTRUTURAL

PERMEABILIDADE AO AR

ESTANQUEIDADE À ÁGUA

Rev.02 – (Maio/2025) – Essa versão, anula e substitui as anteriores.

CAPACIDADE PRODUTIVA

O grupo CDA Metais conta com **4 prensas de extrusão** de tecnologia italiana, sendo três de 7 polegadas com 1800 toneladas métricas de força, e uma de 10 polegadas com 3.300 toneladas métricas.

3.500

TONELADAS MENSAIS DE EXTRUSÃO

Com isso, o parque fabril da CDA possui capacidade de **3.500 toneladas mensais de extrusão** de perfis de alumínio.

PINTURA ELETROSTÁTICA

O Grupo CDA Metais possui linhas de pintura vertical e horizontal com tecnologia de pintura a disco e pistolas convencionais, garantindo uma camada uniforme de poliéster e maior reaproveitamento de resíduos de pó. Em parceria com fornecedores, desenvolveram um processo de lavagem isento de cromo e um sistema de desengraxe e desoxidação ácido, eliminando o uso de produtos alcalinos.

Todas as modificações realizadas nas linhas de pintura foram acompanhadas e validadas pelos nossos fornecedores de produtos químicos e de tinta, os quais possuem os seus processos homologados pela Qualicoat. Dessa forma, possuímos o certificado de Aplicador Homologado com base na Norma Qualicoat 15ª Edição, dentro do Programa EAS (Epristinta Architectural Service).

2.200 TONELADAS MENSAIS DE PINTURA ELETROSTÁTICA

ISO 9001
ISO 14001
BUREAU VERITAS Certification

1

Tipologias

JC200
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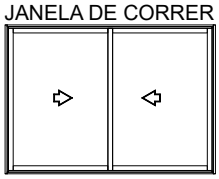

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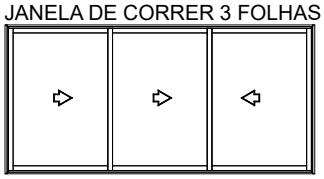

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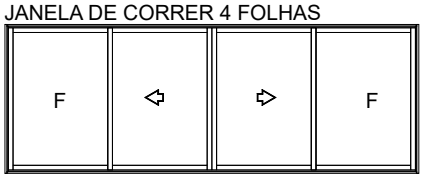

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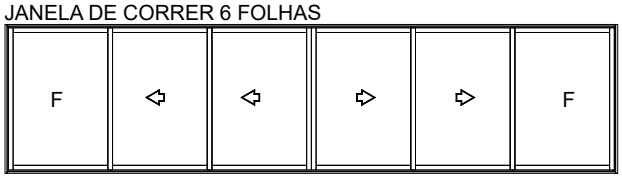
JANELA DE CORRER 6 FOLHAS



JC201
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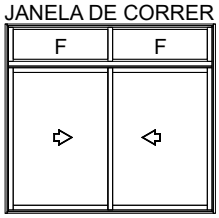

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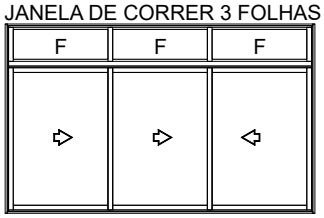

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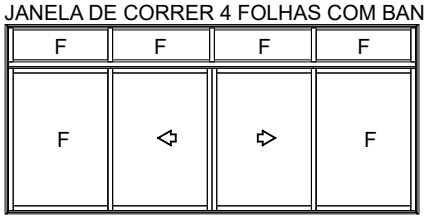

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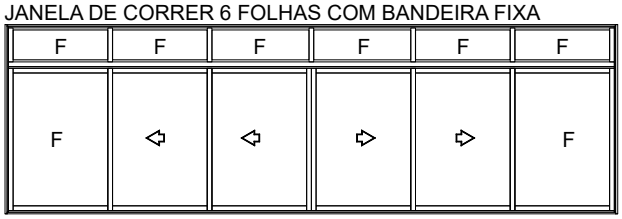

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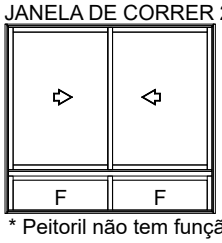

* Peitoril não tem função de guarda corpo para essa tipologia

JC302
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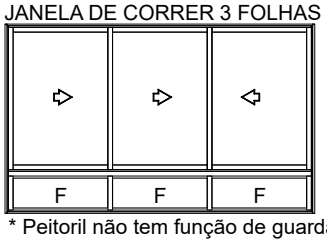

* Peitoril não tem função de guarda corpo para essa tipologia

JC402
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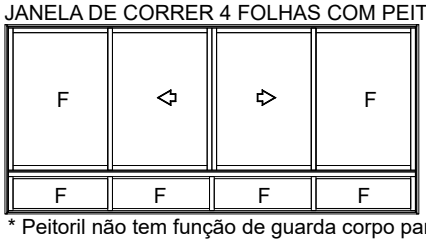

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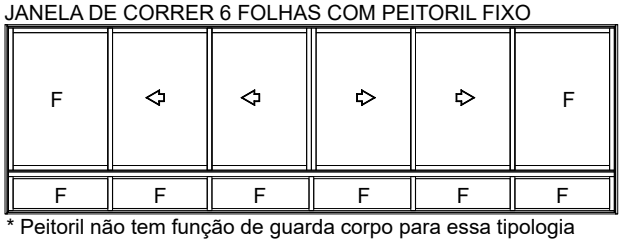

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JC203
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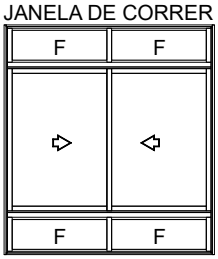

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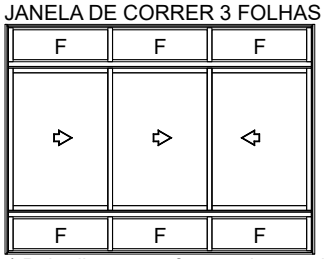

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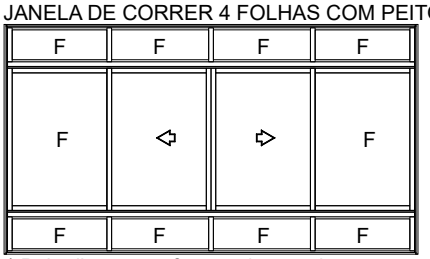

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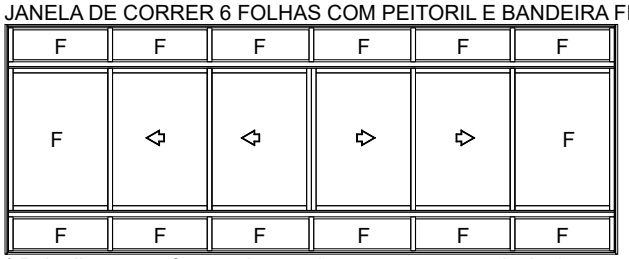

* Peitoril não tem função de guarda corpo para essa tipologia

IJC200
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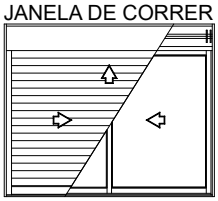

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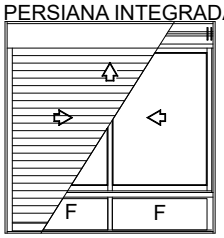

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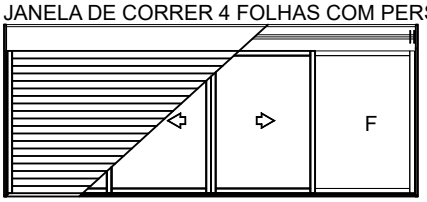

IJC402
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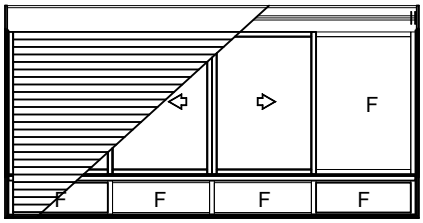
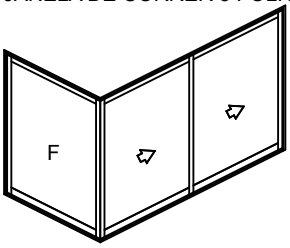


JC390
JANELA DE CORRER 3 FOLHAS COM CANTO EM 90º GRAUS



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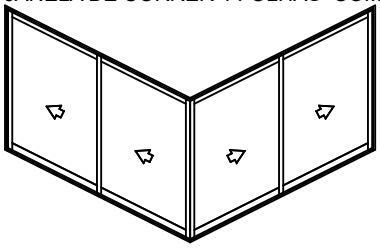

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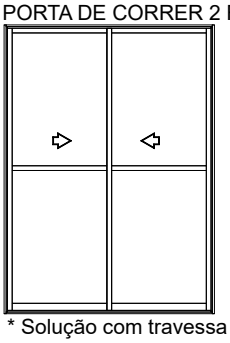
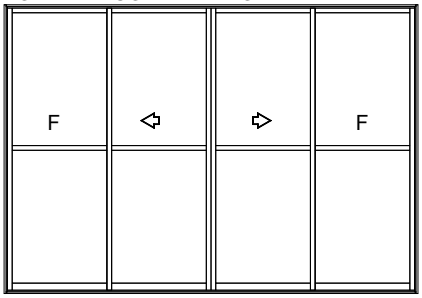


* Solução com travessa ou sem travessa

PC300
PORTA DE CORRER 3 FOLHAS

* Solução com travessa ou sem travessa

PC400
PORTA DE CORRER 4 FOLHAS



* Solução com travessa ou sem travessa

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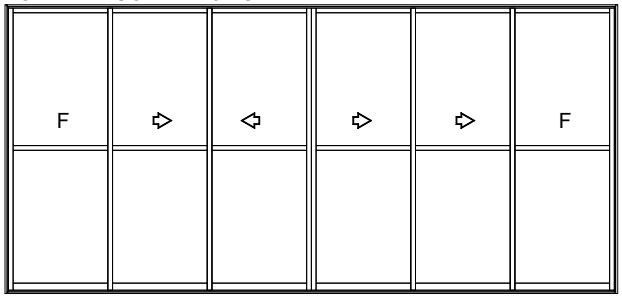

* Solução com travessa ou sem travessa

PC201
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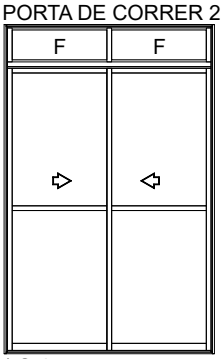

* Solução com travessa ou sem travessa

PC301
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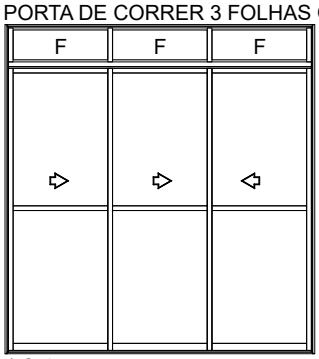

* Solução com travessa ou sem travessa

PC401
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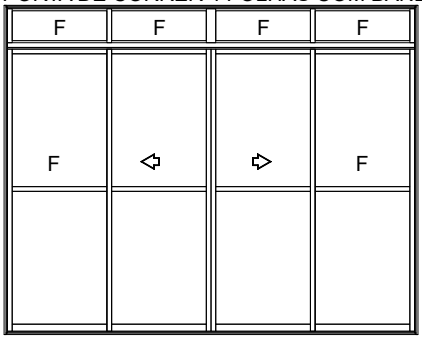

* Solução com travessa ou sem travessa

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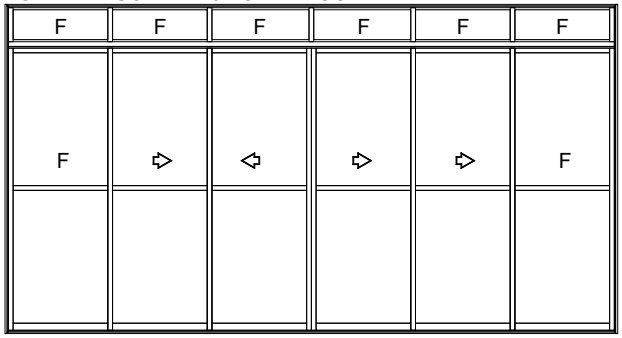

* Solução com travessa ou sem travessa

IPC200
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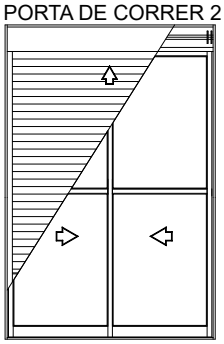

* Solução com travessa ou sem travessa

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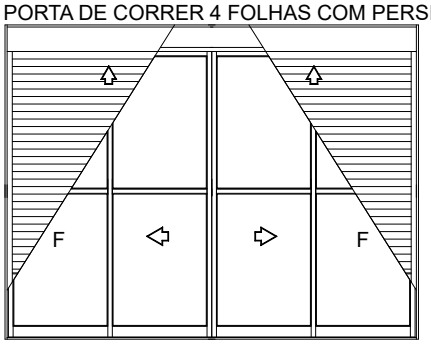
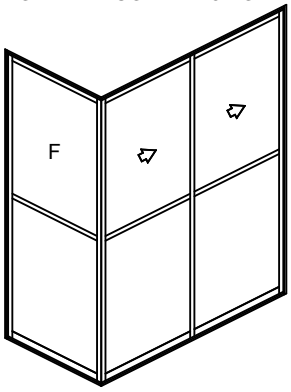
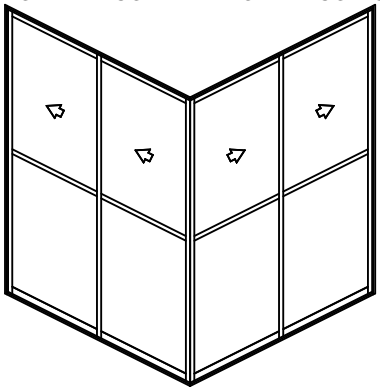


* Solução com travessa ou sem travessa

PC390
PORTA DE CORRER 3 FOLHAS COM CANTO EM 90º GRAUS



PC490
PORTA DE CORRER 4 FOLHAS COM CANTO EM 90º GRAUS



Cálculo Estrutural

DIMENSIONAMENTO / FÓRMULAS

NORMA ABNT NBR 10821-2:2023

A Norma ABNT NBR 10821-2:2023 especifica os requisitos exigíveis de desempenho de esquadrias externas para edificaçoes.

Os requisitos de classificação das esquadrias instaladas na posição vertical em edificios de caráter residencial ou comercial, são no mínimo os estabelecidos para as cinco classes em relação ao número de pavimentos e à altura da edificação. As pressoes de ensaio a serem adotadas estão indicadas na Tabela 1 e Figura 3, sendo sempre considerado o último pavimento da edificação onde as esquadrias estiverem instaladas, mantendo-se este valor para todos os pavimentos.

- até dois pavimentos: esquadrias instaladas em edificios até dois pavimentos e altura máxima de 6 metros;
- até cinco pavimentos: esquadrias instaladas em edificios até cinco pavimentos e altura máxima de 15 metros;
- até dez pavimentos: esquadrias instaladas em edificios até dez pavimentos e altura máxima de 30 metros;
- até vinte pavimentos: esquadrias instaladas em edificios até vinte pavimentos e altura máxima de 60 metros;
- até trinta pavimentos: esquadrias instaladas em edifícios até trinta pavimentos e altura máxima de 90 metros.

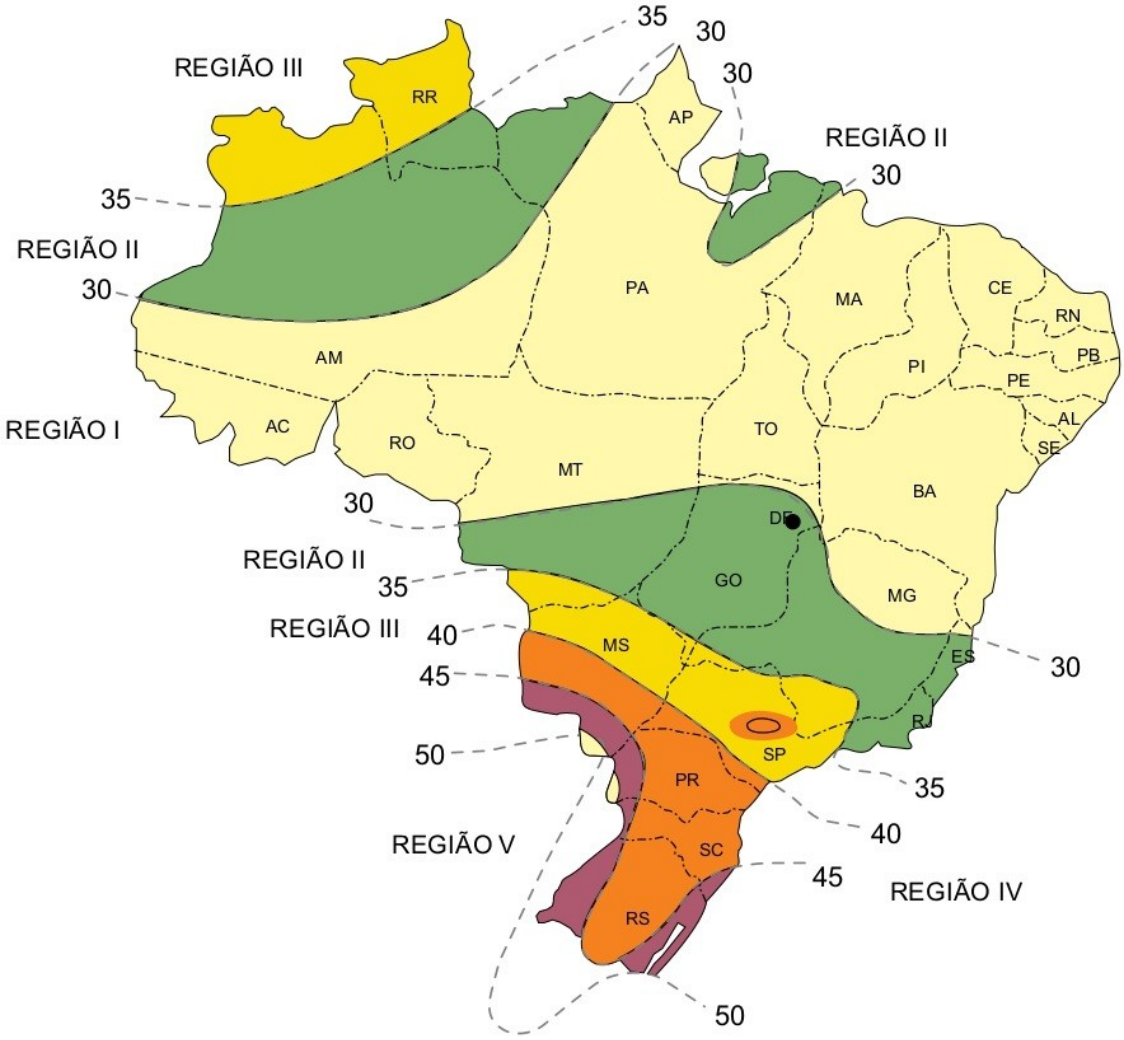
Para esquadrias instaladas nas situaçoes a seguir descritas, deve ser consultada a ABNT NBR 6123 para a determinação da pressao de projeto (Pp) e pressão de ensaio (Pe), prevalecendo como mínimo os valores da Tabela 1.

- edificios em que as esquadrias não sejam instaladas na posição vertical;
- edifícios de forma não retangular;
- edificios com especificaçoes, localização, necessidades e exigências especiais de utilização.

NOTA 1 Para o cálculo da pressão de segurança (Ps) multiplica-se uma vez e meia (1,5) a pressão de ensaio (Pe).

NOTA 2 Para o cálculo da pressão de água (Pa) utiliza-se 20 % do valor obtido na pressão de projeto (Pp).

MAPA DAS ISOPLETAS DE VELOCIDADE BÁSICA DOS VENTOS EM M/S (NBR-6123)



- Região I (30 m/s)
- Região II (35 m/s)
- Região III (40 m/s)
- Região IV (45 m/s)
- Região V (50 m/s)

Para determinar a pressão de ensaio a ser aplicada nas esquadrias, é necessário identificar a Região do País da localização da obra segundo o Gráfico das Isopletas.

Conforme a Região do País, encontre a Pressão de ensaio (Pe) para edificação, a quantidade de pavimentos ou altura máxima do empreendimento, segundo a norma técnica ABNT NBR 10821-2:2023.

Valores de pressão de vento conforme a região do país e o número de pavimentos da edificação					
Quantidade de pavimentos	**Altura máxima**	**Região do País**	**Pressão de ensaio Pe, em (Pa) Positiva e negativa Pe = Pp x 1,2**	**Pressão de segurança Ps, em (Pa) Positiva e negativa Ps = Pp x 1,5**	**Pressão de água Pa, em (Pa) Pa = Pp x 0,20**
02	6m	I	350	520	60
		II	470	700	80
		III	610	920	100
		IV	770	1160	130
		V	950	1430	160
05	15m	I	420	640	70
		II	580	860	100
		III	750	1130	130
		IV	950	1430	160
		V	1180	1760	200
10	30m	I	500	750	80
		II	680	1030	110
		III	890	1340	150
		IV	1130	1700	190
		V	1400	2090	230
20	60m	I	600	900	100
		II	815	1220	140
		III	1060	1600	180
		IV	1350	2020	220
		V	1660	2500	280
30	90m	I	660	980	110
		II	890	1340	150
		III	1170	1750	200
		IV	1480	2210	250
		V	1820	2730	300

Nos gráficos de desempenho, o cruzamento das informações de altura e largura da tipologia resulta o valor da pressão de ensaio calculado para o conjunto de perfis ilustrado. Caso o valor seja igual ou superior ao encontrado na coluna de pressão de ensaio acima, a esquadria atende ao projeto especificado.

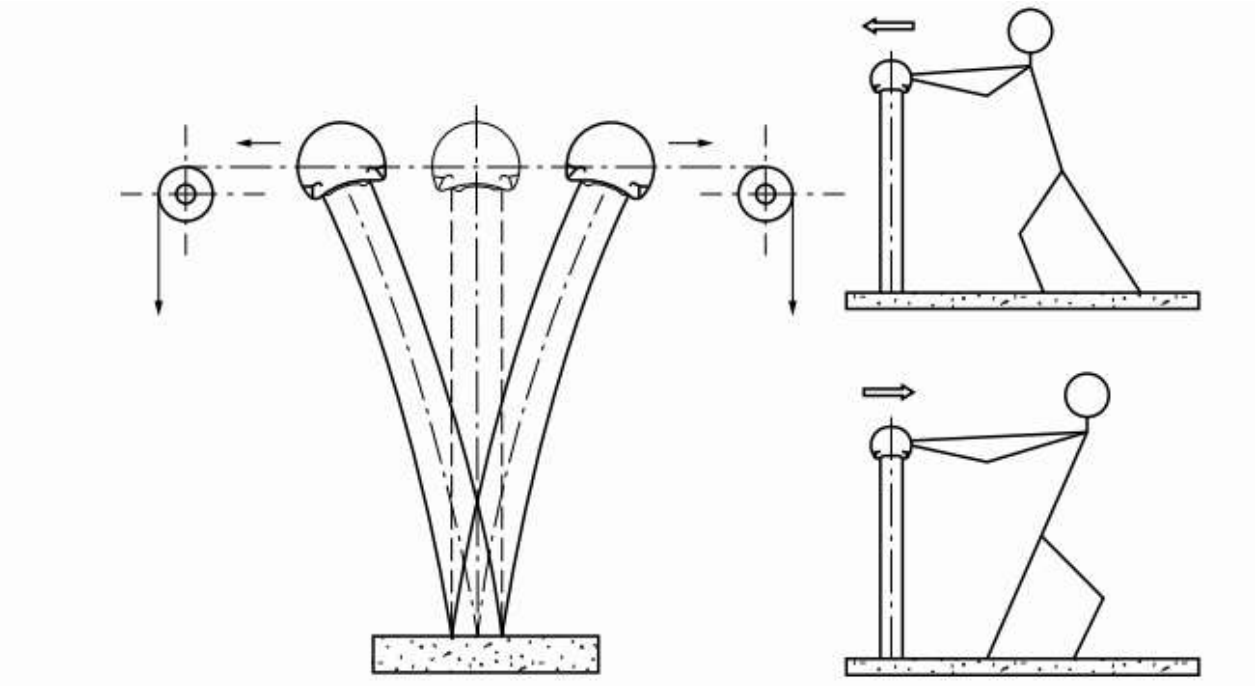
ABNT NBR 14718:2019

A Norma ABNT NBR 14718:2019 especifica os requisitos exigíveis de desempenho de Guarda corpos para edificações.

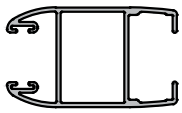
Determinação do Esforço Estático Horizontal

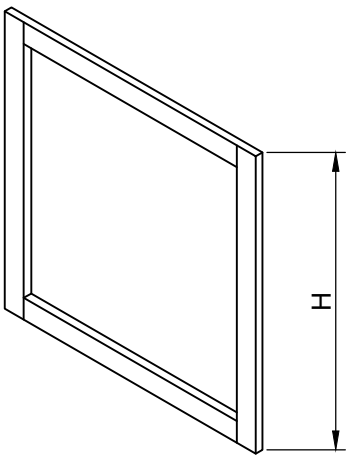
Esse método consiste na determinação da “Carga de Uso”, que visa simular a resistência do guarda corpo submetida ao esforço das pessoas, esse mesmo processo se aplica a peitoril no caso de janelas de Correr.

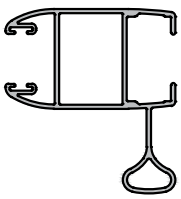
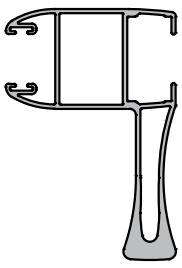
- Não deve apresentar ruptura de qualquer um de seus componentes
- Não deve ocorrer afrouxamento ou destacamento dos componentes ou elementos de fixação
- O deslocamento do montante sob carga não deve ser superior a 25mm

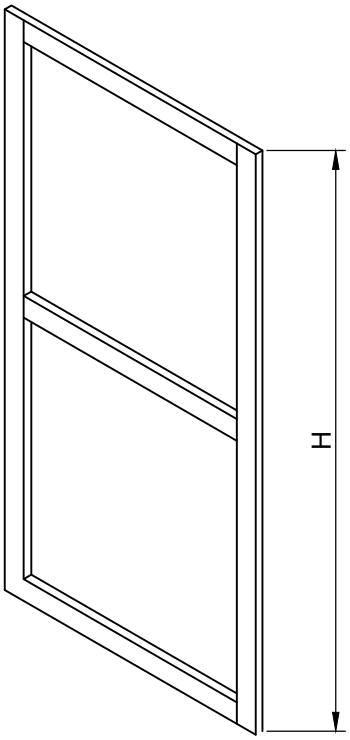


LIMITES POR RESISTÊNCIA DE USO OU FLEXÃO

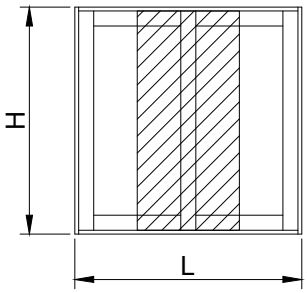
FOLHA DE CORRER (PORTA E JANELA) LIGA 6060-T5	
Perfil	RE-40301
	
Altura máx. (H)	1560 mm



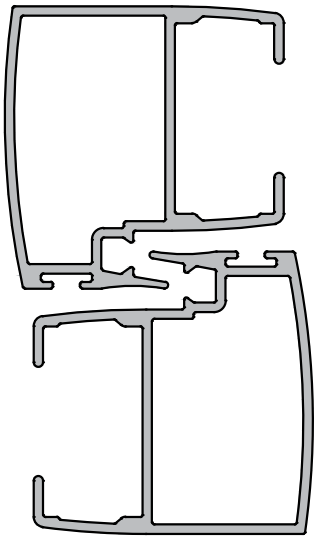
FOLHA DE CORRER (PORTA) LIGA 6060-T5		
Perfil	RE-40302	RE-40308
		
Altura máx. (H)	2330 mm	2710 mm



PRESSÃO DE VENTO

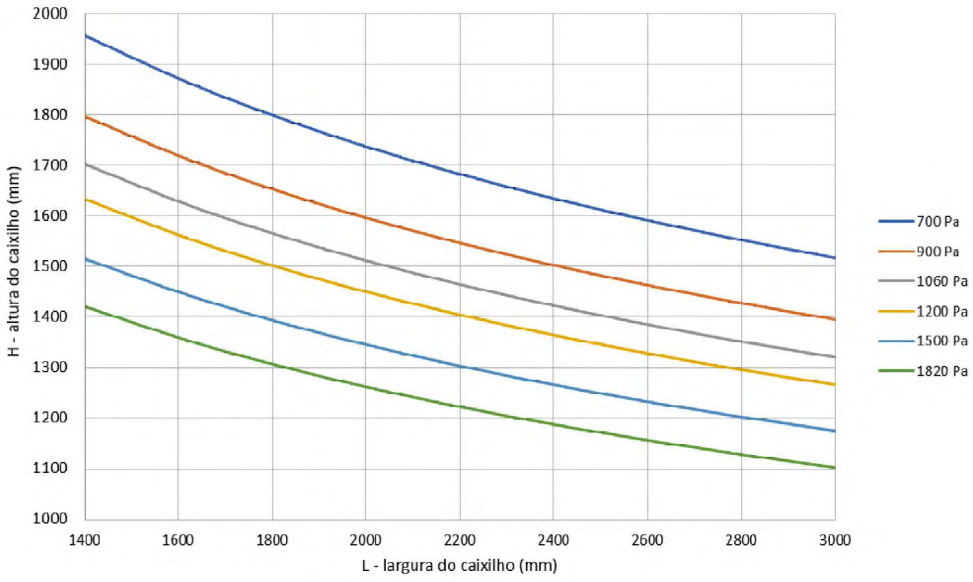


RE-40401		
Jx	59.526	mm4
Wx	2.859	mm3



RE-40401		
Jx	59.526	mm4
Wx	2.859	mm3

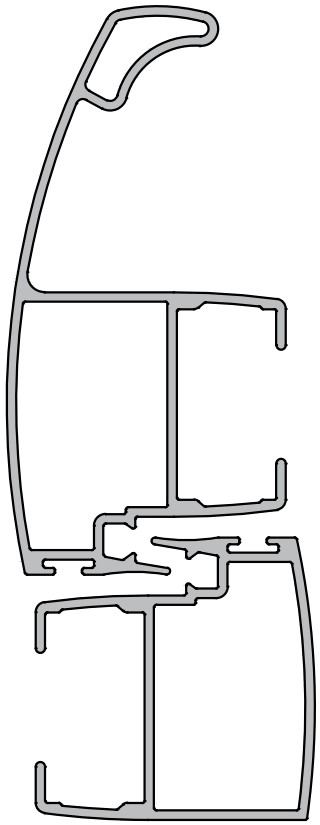
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

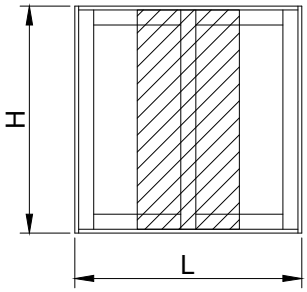


* O gráfico de disperção prevê flecha máxima permitida pela NBR 10821/2017 e também as máximas tensões suportadas pelo material - liga 6060 T5 coeficiente de segurança já aplicado.

* As dimensões de folhas contidas neste gráfico, não contemplam máximas cargas suportadas pelas roldanas. Deve-se estudar caso a caso na seção dos componentes.

PRESSÃO DE VENTO

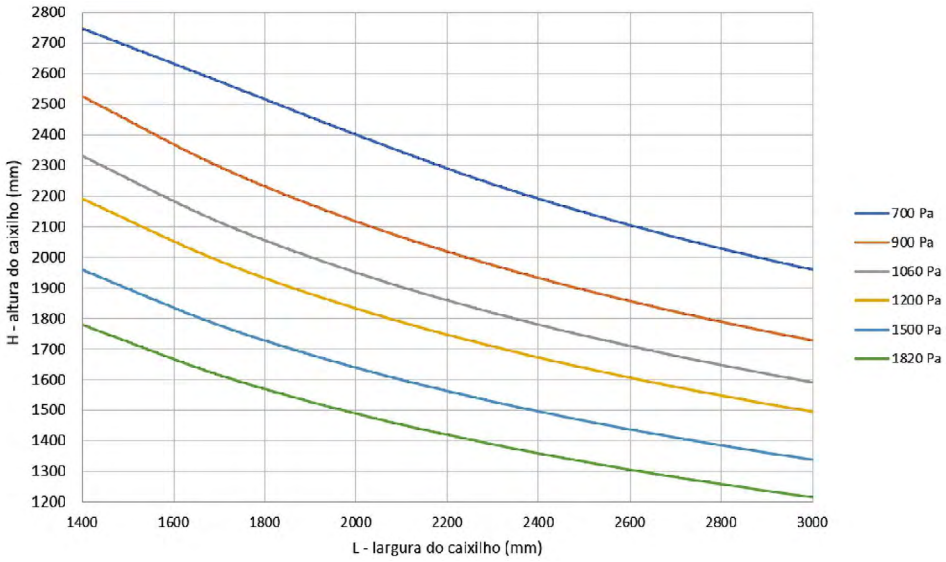




RE-40303		
Jx	270.877	mm4
Wx	5.682	mm3

RE-40401		
Jx	59.526	mm4
Wx	2.859	mm3

PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.



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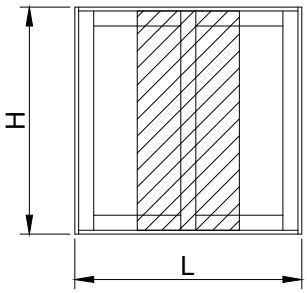
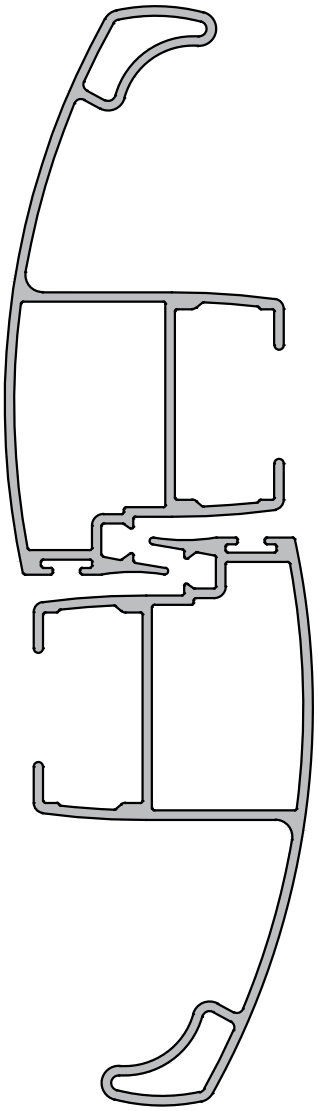
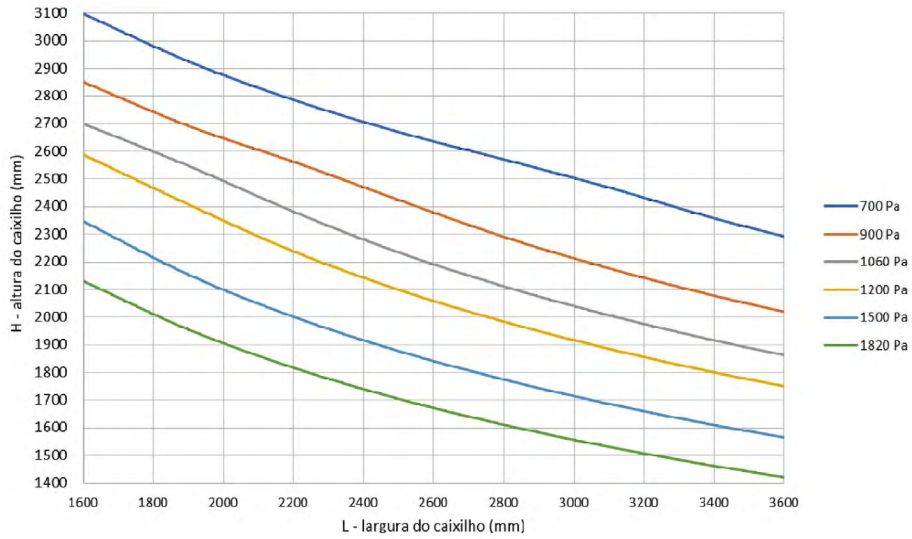
PRESSÃO DE VENTO





RE-40303		
Jx	270.877	mm4
Wx	5.682	mm3

RE-40303		
Jx	270.877	mm4
Wx	5.682	mm3



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

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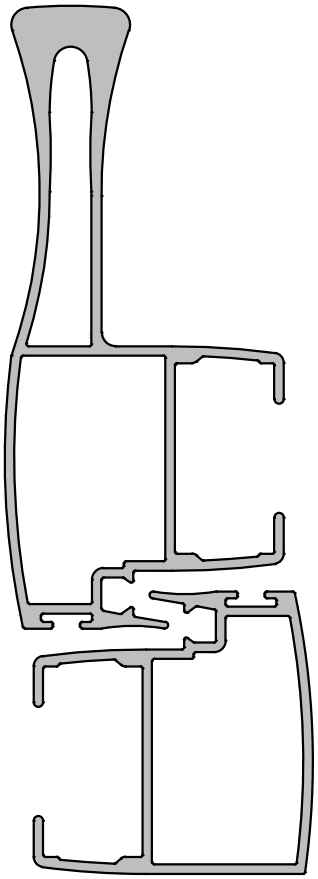
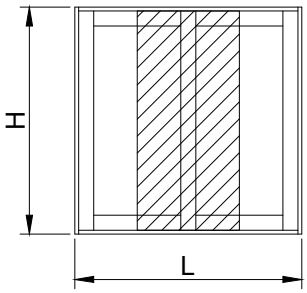
PRESSÃO DE VENTO

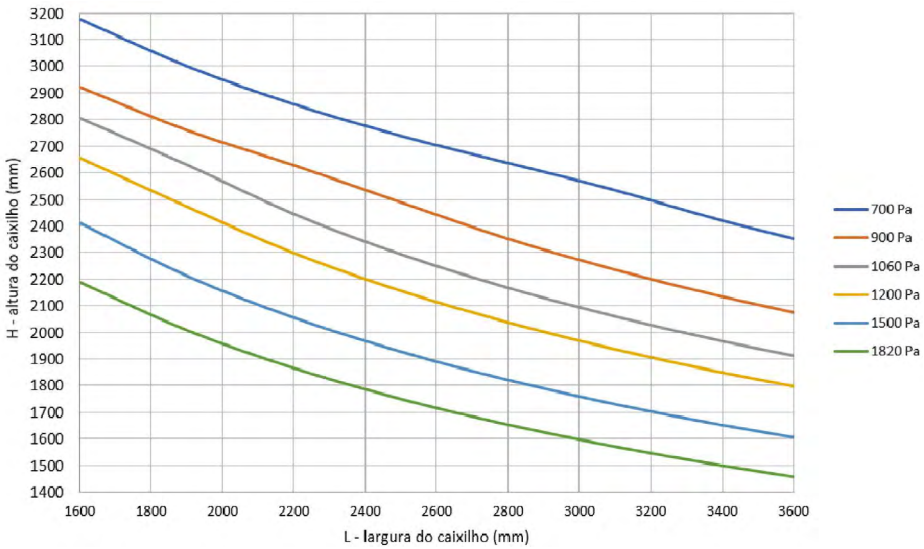




RE-40408		
Jx	525.482	mm4
Wx	10.753	mm3

RE-40401		
Jx	59.526	mm4
Wx	2.859	mm3

PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.



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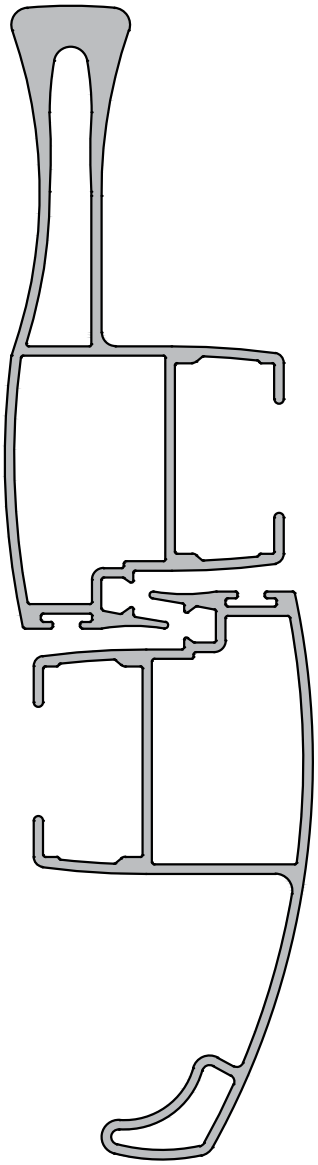
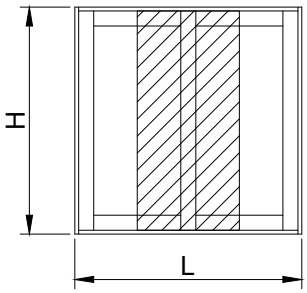
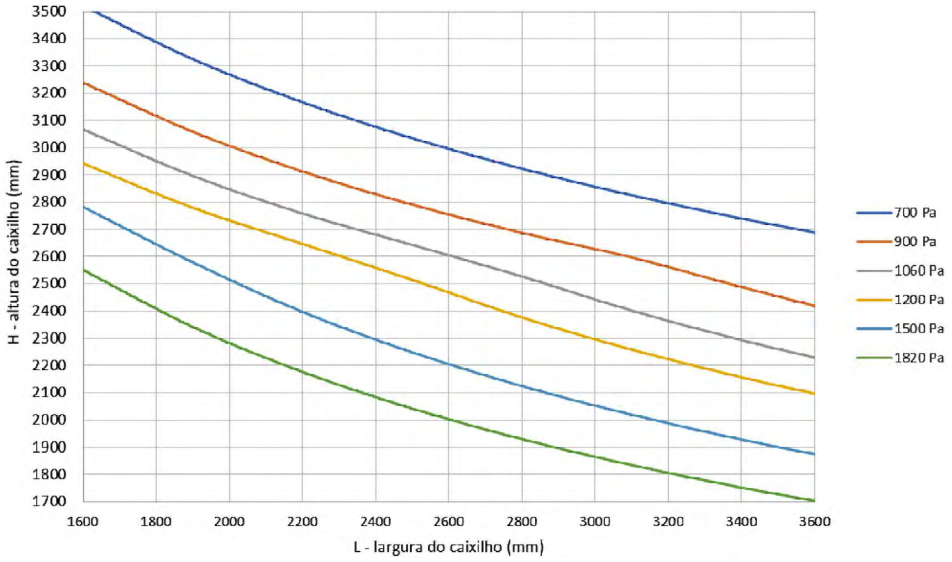
PRESSÃO DE VENTO





RE-40408		
Jx	525.482	mm4
Wx	10.753	mm3

RE-40303		
Jx	270.877	mm4
Wx	5.682	mm3



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

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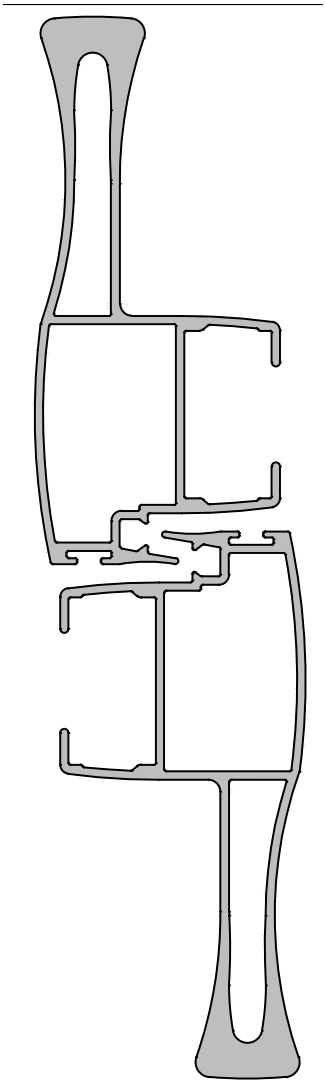
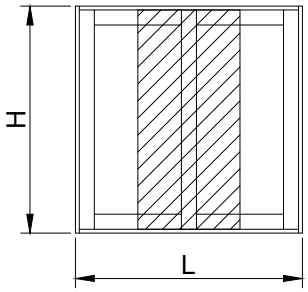
PRESSÃO DE VENTO

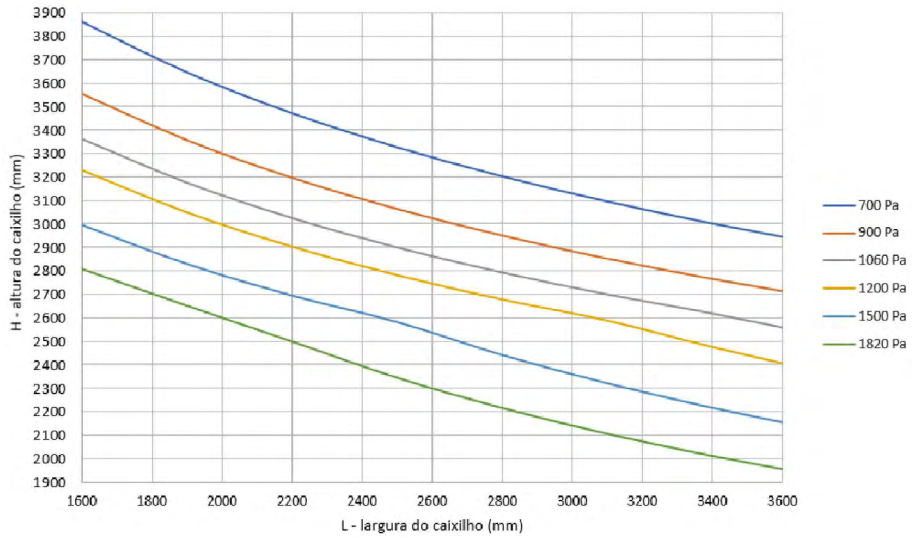




RE-40408		
Jx	525.482	mm4
Wx	10.753	mm3

RE-40408		
Jx	525.482	mm4
Wx	10.753	mm3

PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.



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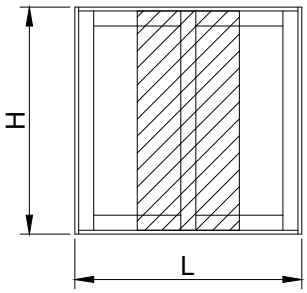
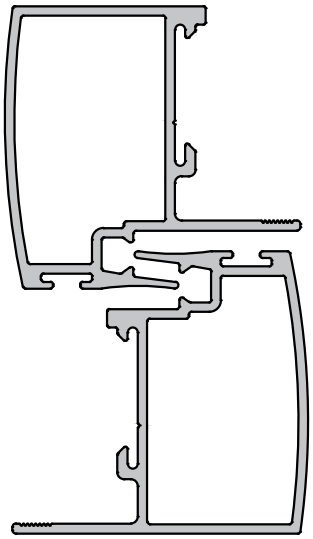
PRESSÃO DE VENTO

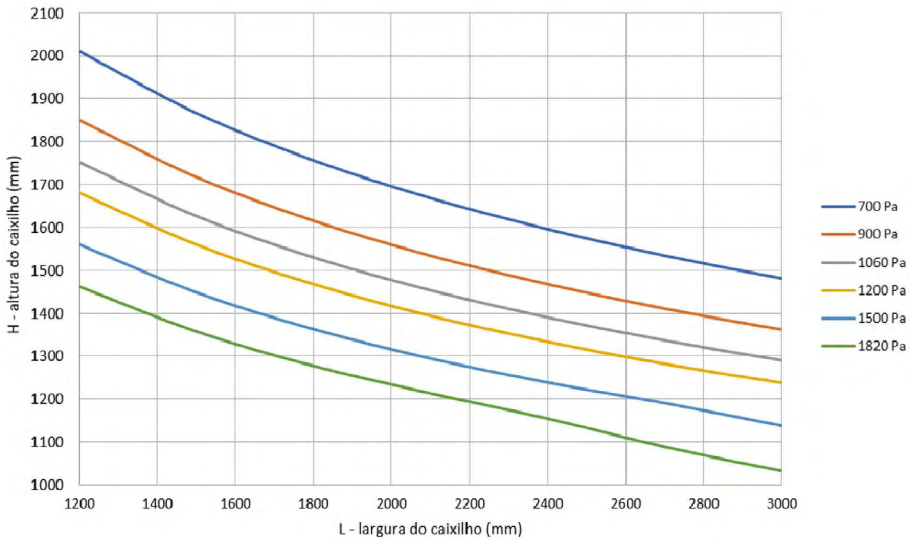


RE-40607		
Jx	57.993	mm4
Wx	2.704	mm3



RE-40606		
Jx	53.029	mm4
Wx	2.389	mm3

PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.



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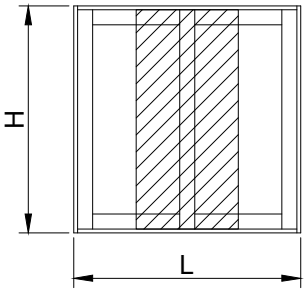
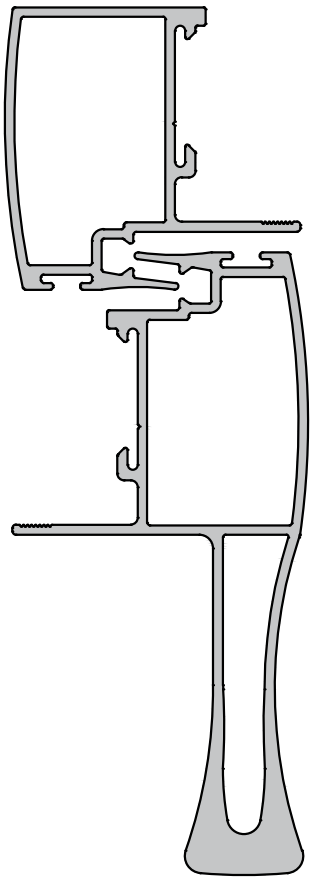
PRESSÃO DE VENTO

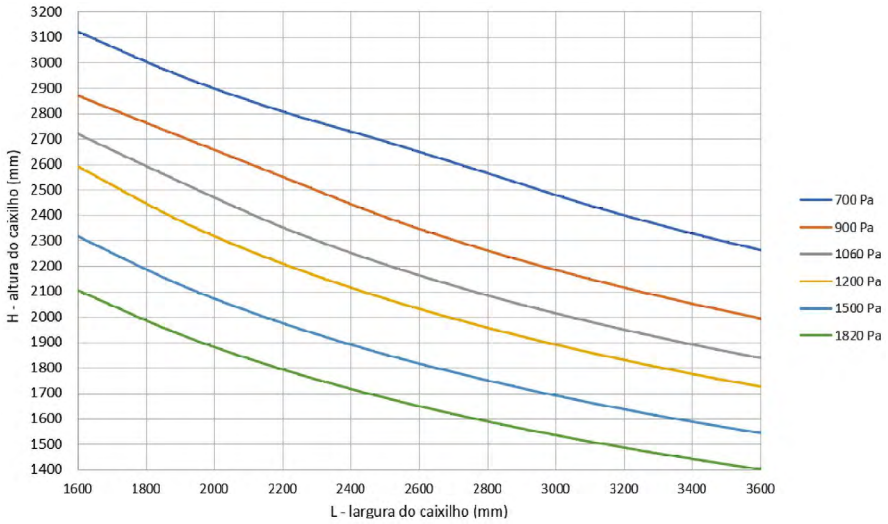




RE-40607		
Jx	57.993	mm4
Wx	2.704	mm3

RE-40608		
Jx	501.456	mm4
Wx	10.021	mm3

PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.



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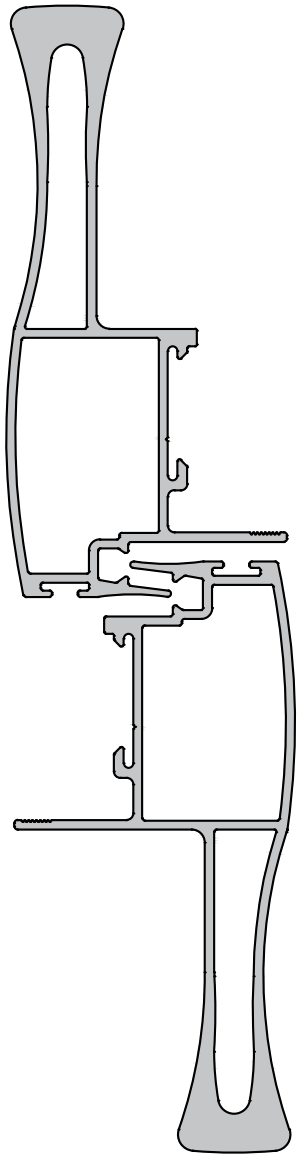
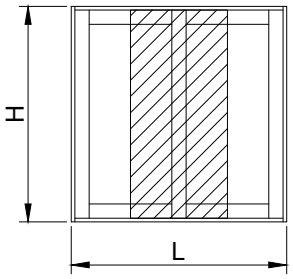
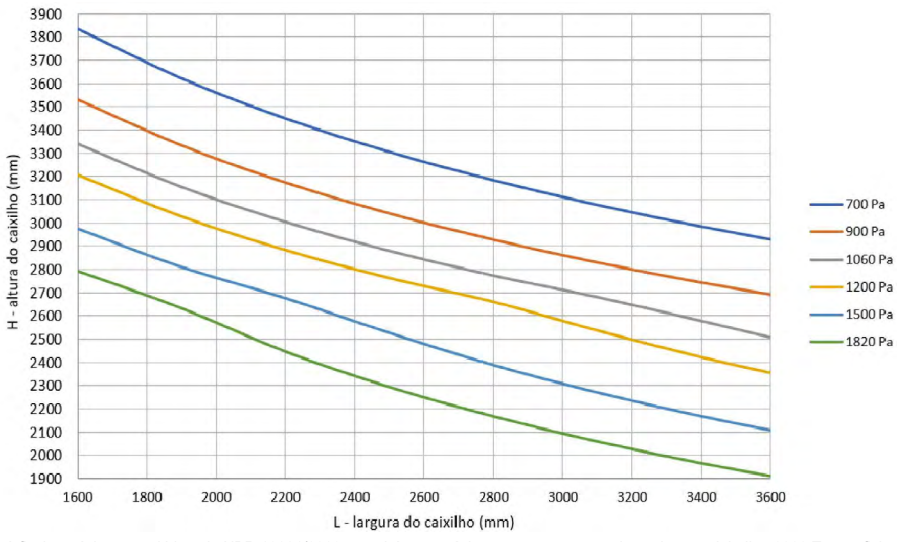
PRESSÃO DE VENTO





RE-40609		
Jx	527.804	mm4
Wx	10.765	mm3

RE-40608		
Jx	501.456	mm4
Wx	10.021	mm3



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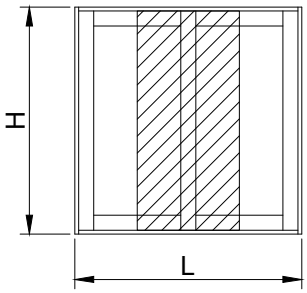
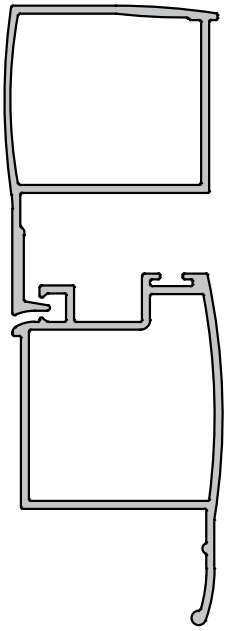
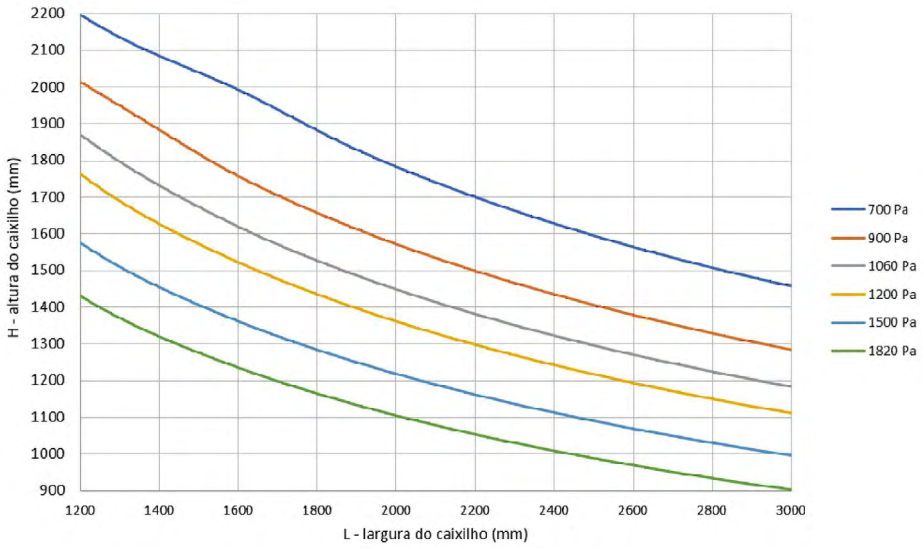
PRESSÃO DE VENTO



RE-40404		
Jx	64.511	mm4
Wx	1.978	mm3



RE-40405		
Jx	79.968	mm4
Wx	2.116	mm3



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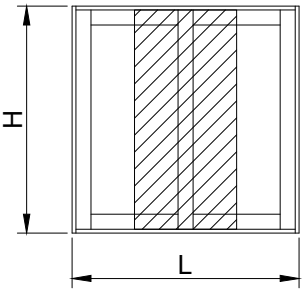
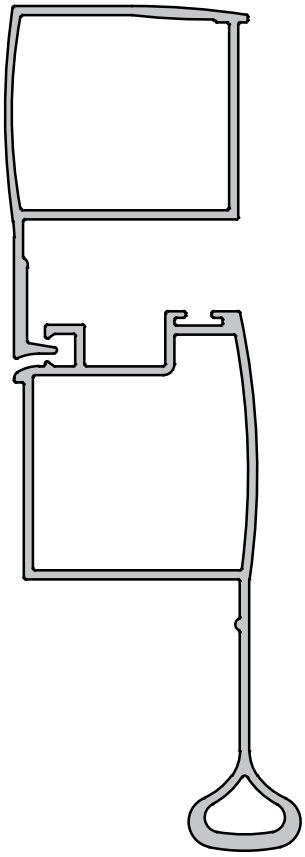
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

PRESSÃO DE VENTO

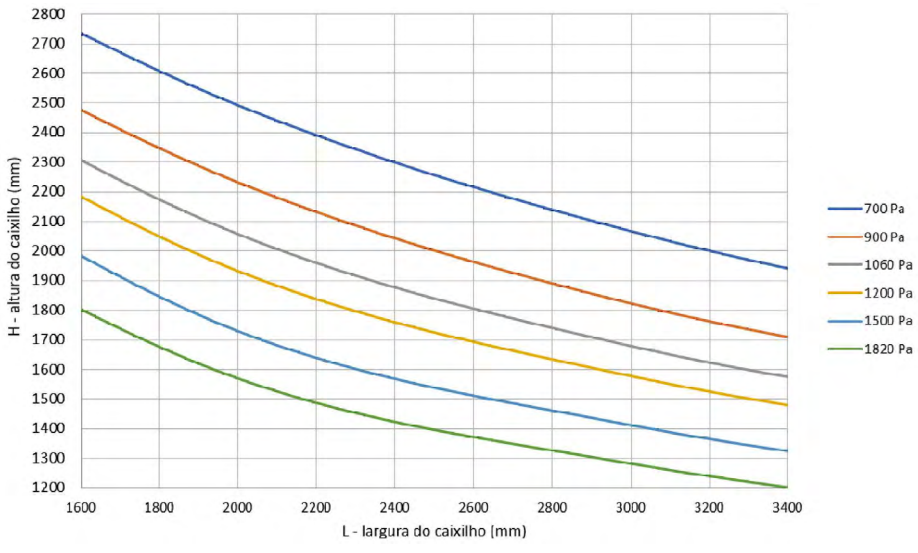




RE-40404		
Jx	64.511	mm4
Wx	1.978	mm3

RE-40403		
Jx	288.622	mm4
Wx	6.302	mm3

PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.



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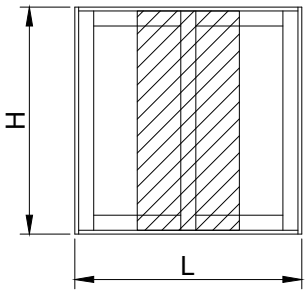
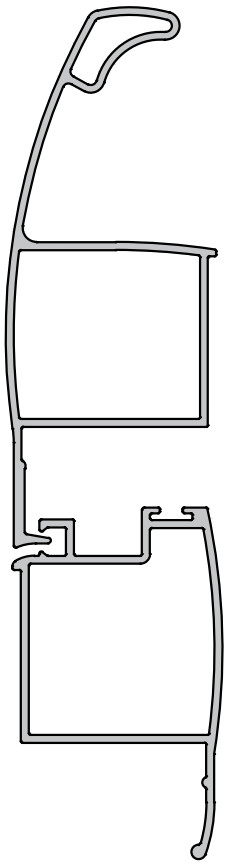
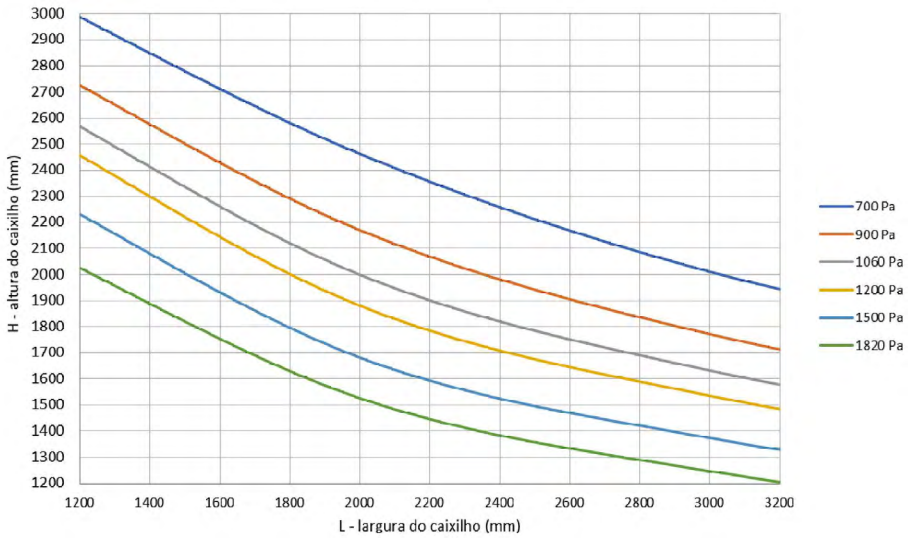
PRESSÃO DE VENTO





RE-40402		
Jx	266.233	mm4
Wx	5.602	mm3

RE-40405		
Jx	79.968	mm4
Wx	2.116	mm3



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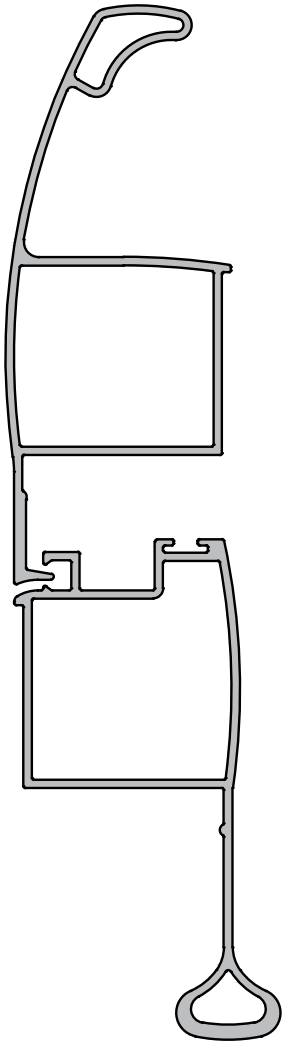
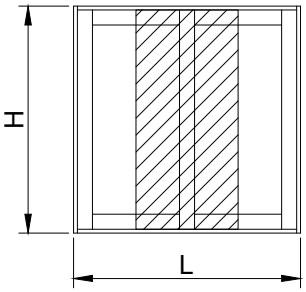
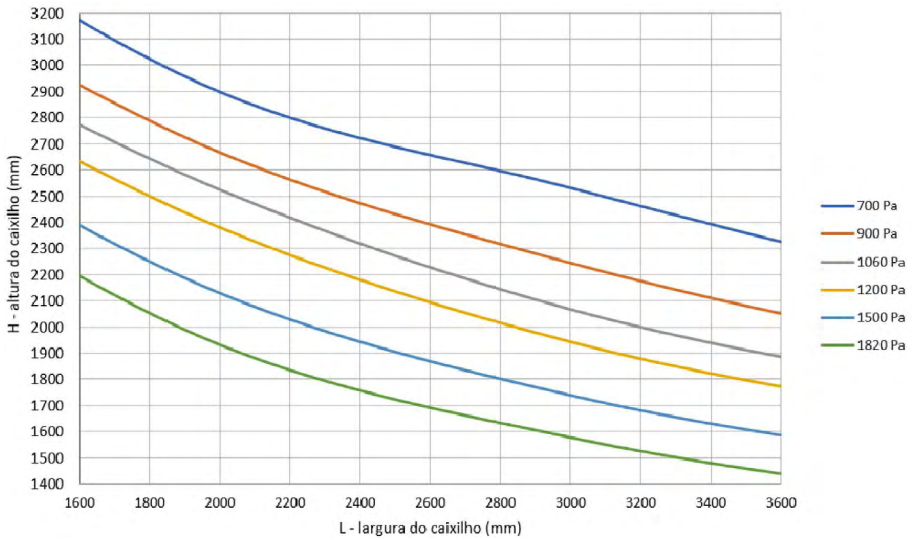
PRESSÃO DE VENTO





RE-40402		
Jx	266.233	mm4
Wx	5.602	mm3

RE-40403		
Jx	288.622	mm4
Wx	6.302	mm3



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

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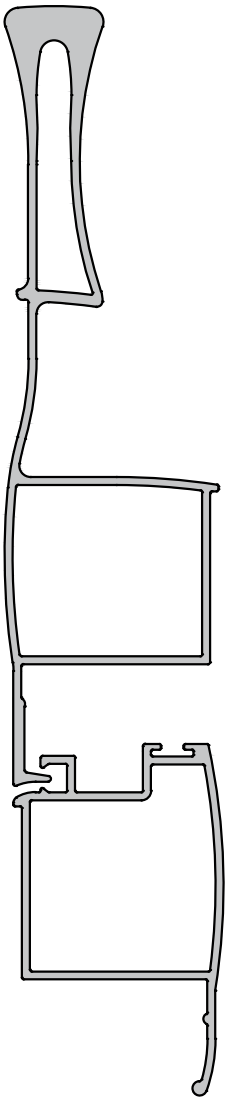
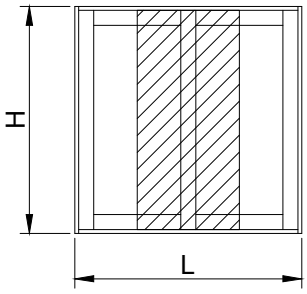
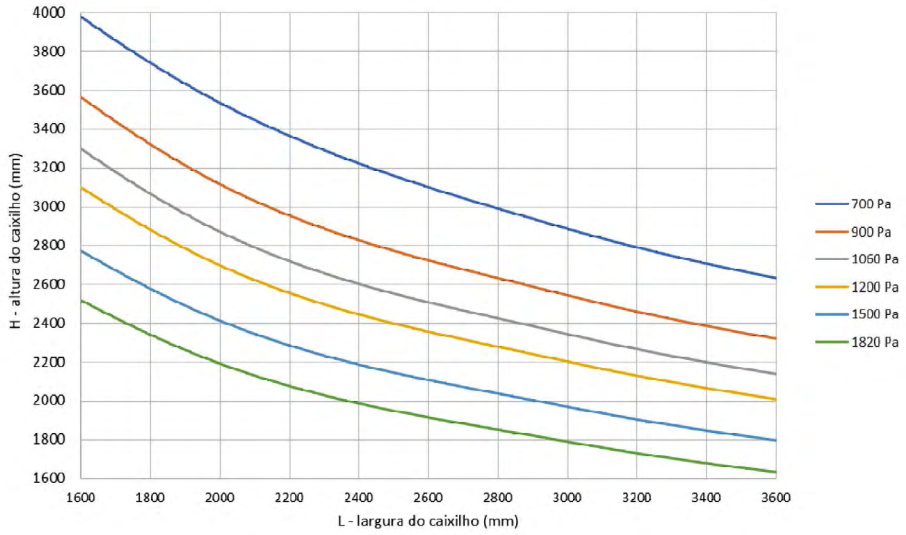
PRESSÃO DE VENTO





RE-40406		
Jx	1.134.463	mm4
Wx	14.025	mm3

RE-40405		
Jx	79.968	mm4
Wx	2.116	mm3



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

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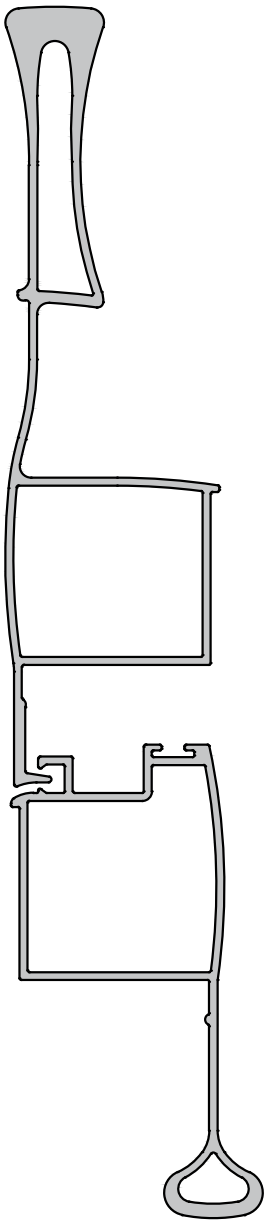
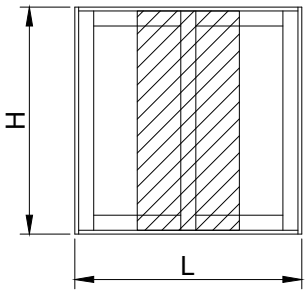
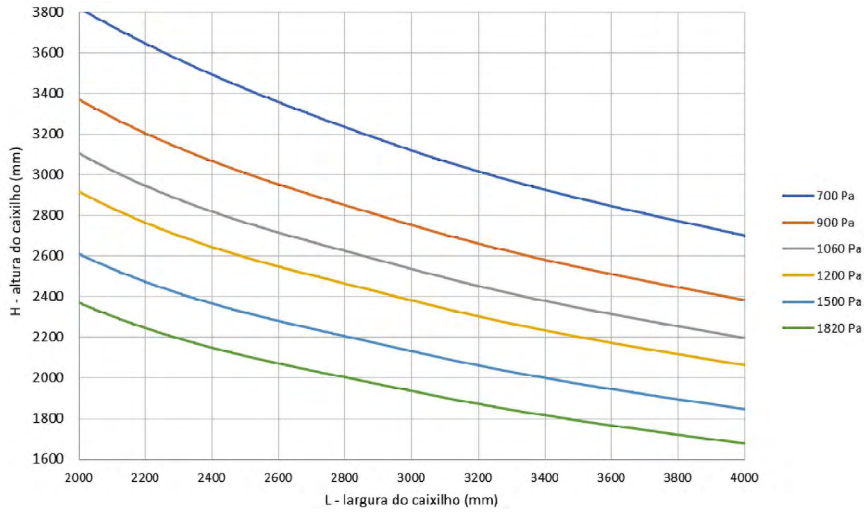
PRESSÃO DE VENTO





RE-40406		
Jx	1.134.463	mm4
Wx	14.025	mm3

RE-40403		
Jx	288.622	mm4
Wx	6.302	mm3



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

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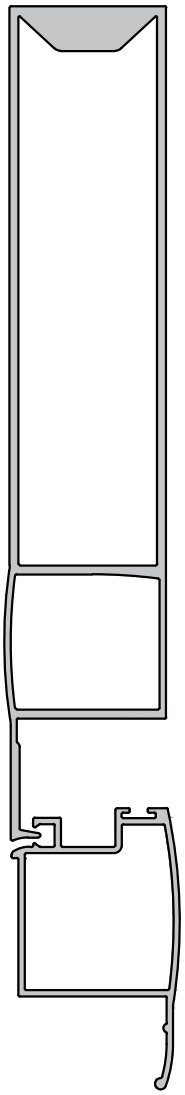
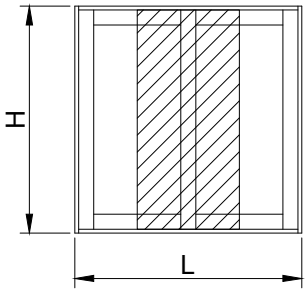
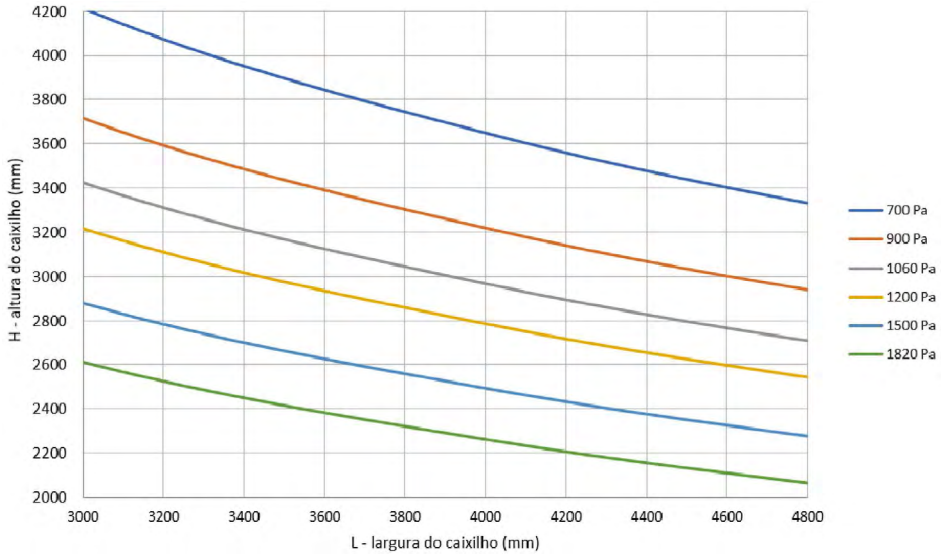
PRESSÃO DE VENTO





RE-40407		
Jx	3.559.064	mm4
Wx	31.327	mm3

RE-40405		
Jx	79.968	mm4
Wx	2.116	mm3



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

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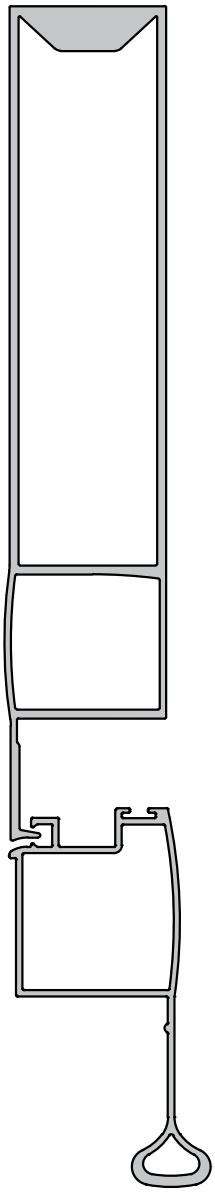
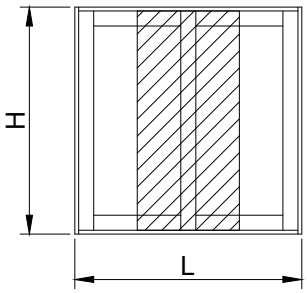
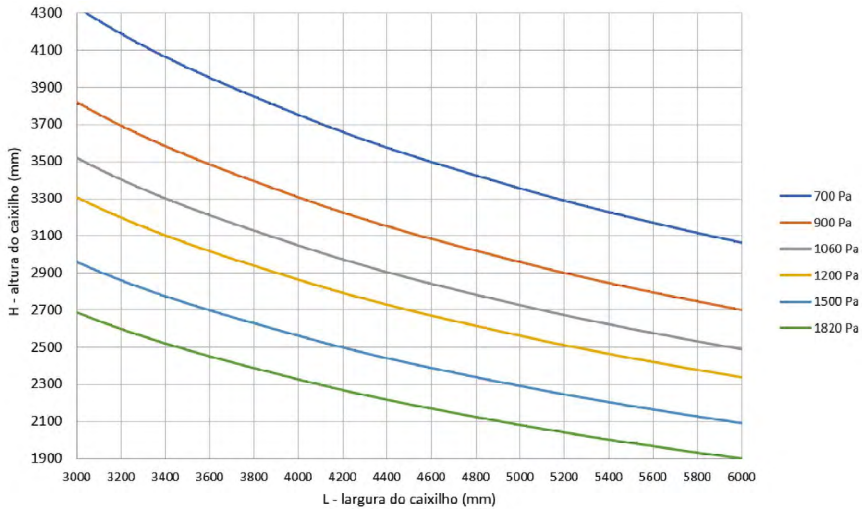
PRESSÃO DE VENTO





RE-40407		
Jx	3.559.064	mm4
Wx	31.327	mm3

RE-40403		
Jx	288.622	mm4
Wx	6.302	mm3



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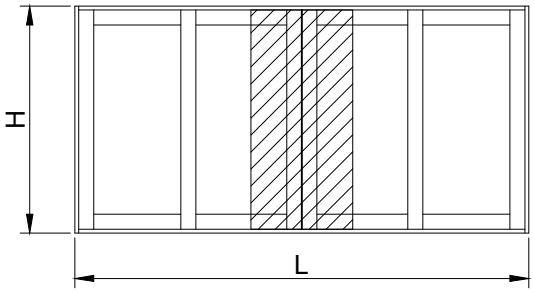
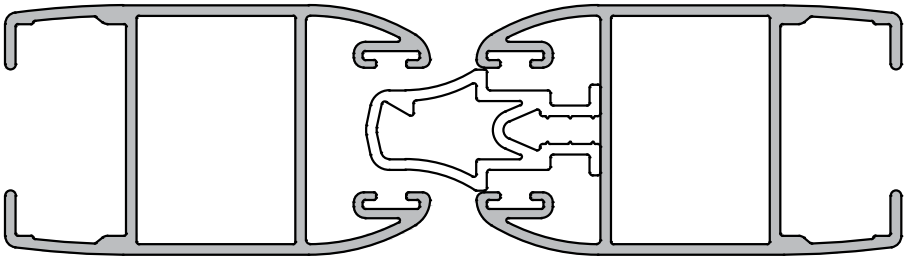
PRESSÃO DE VENTO

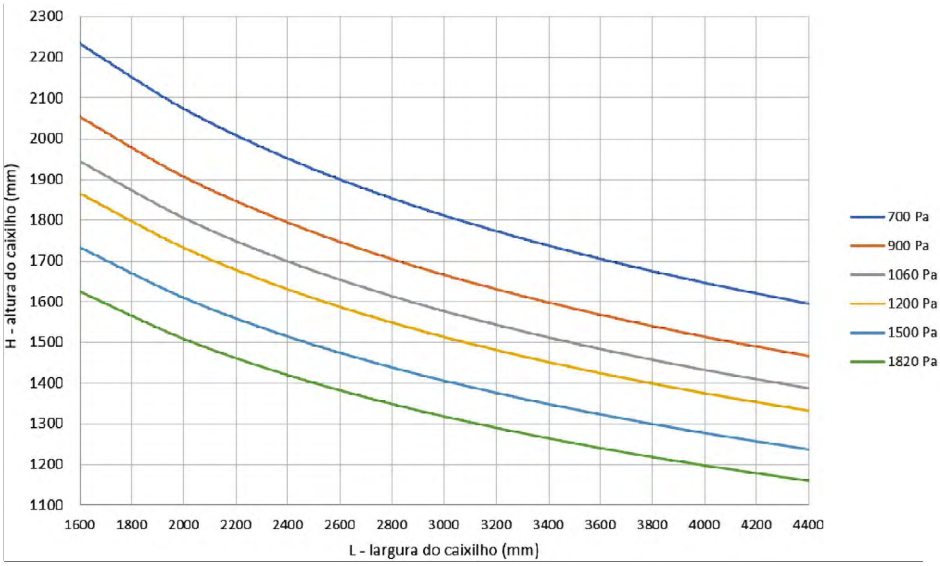
RE-40301		
Jx	50.763	mm4
Wx	3.076	mm3

RE-40301		
Jx	50.763	mm4
Wx	3.076	mm3





PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.



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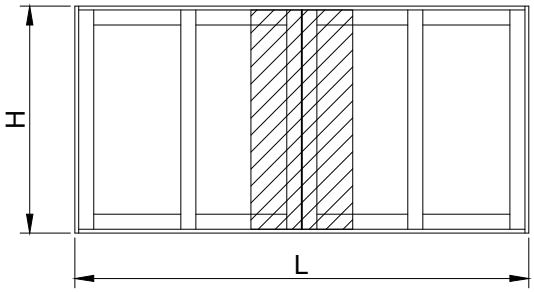
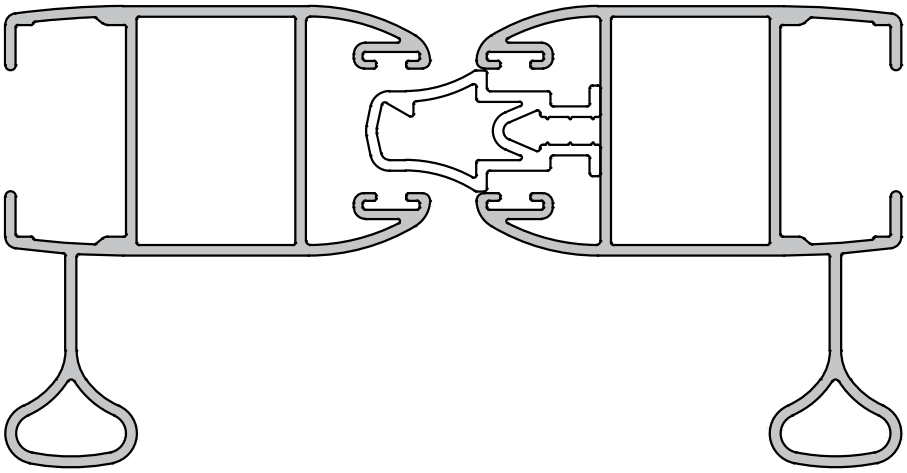
PRESSÃO DE VENTO

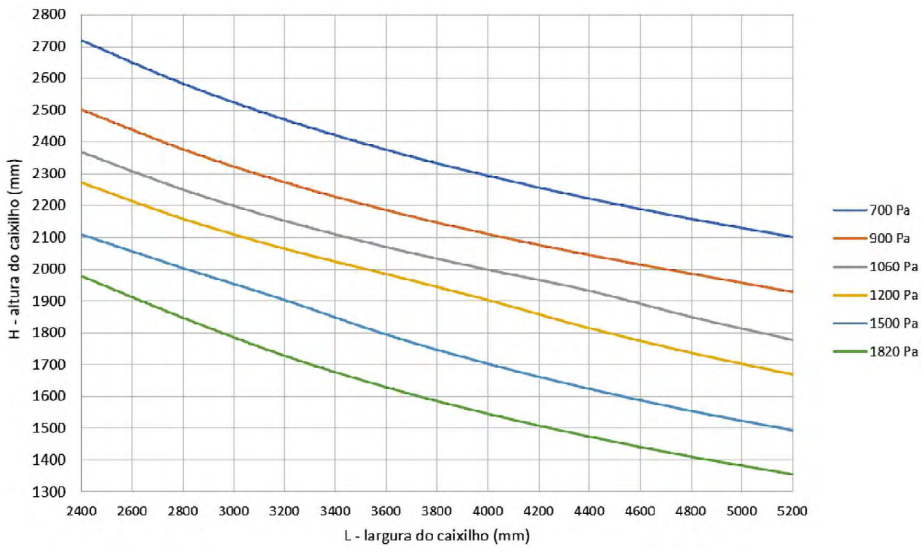
RE-40302		
Jx	137.522	mm4
Wx	3.737	mm3

RE-40302		
Jx	137.522	mm4
Wx	3.737	mm3





PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.



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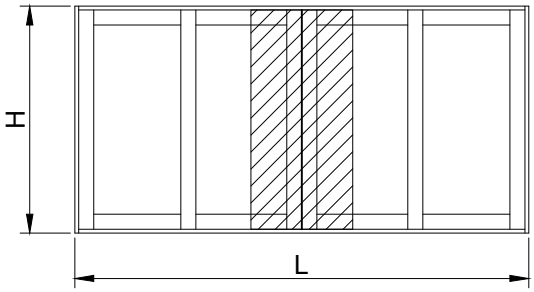
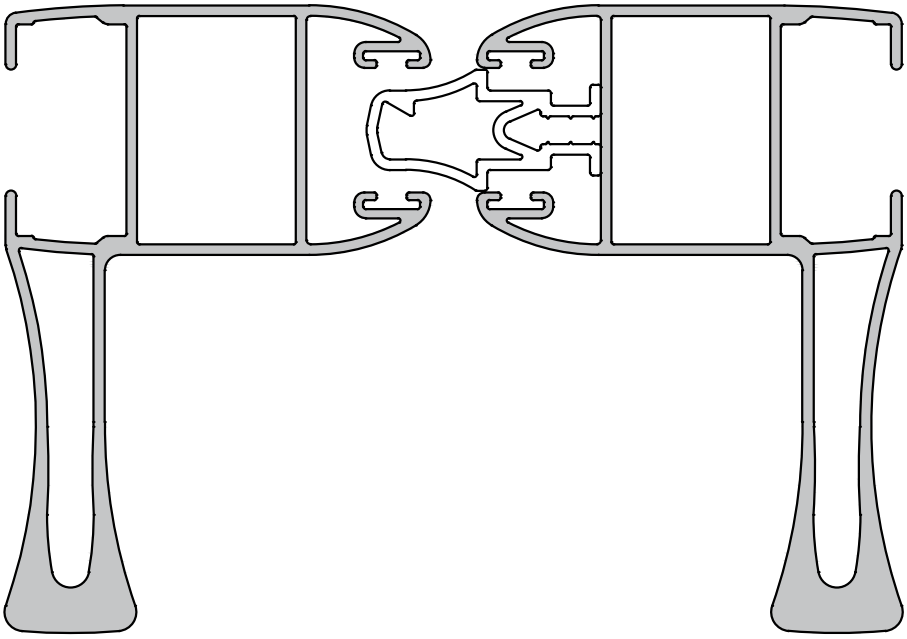
PRESSÃO DE VENTO

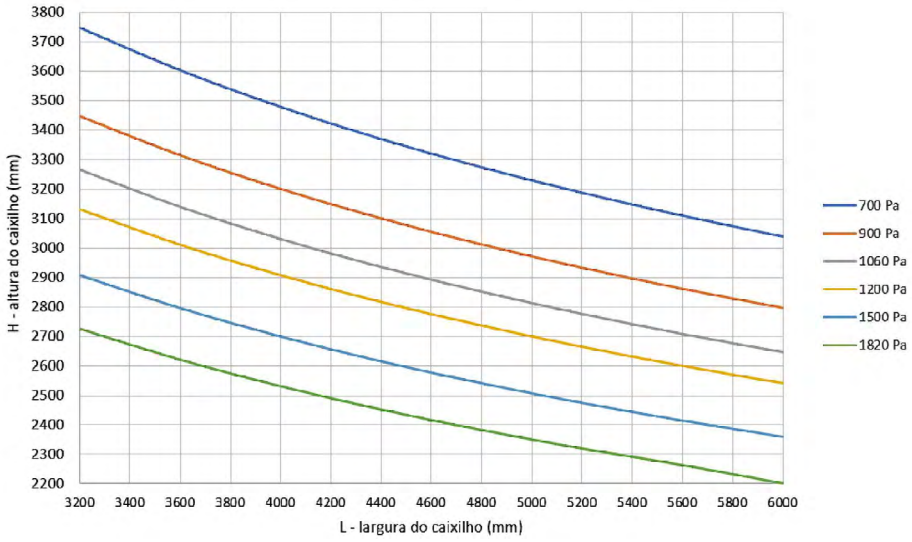
RE-40308		
Jx	480.069	mm4
Wx	11.357	mm3

RE-40308		
Jx	480.069	mm4
Wx	11.357	mm3





PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.



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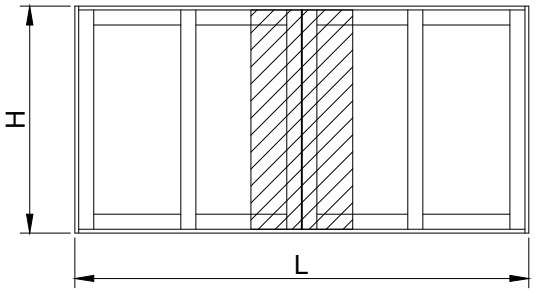
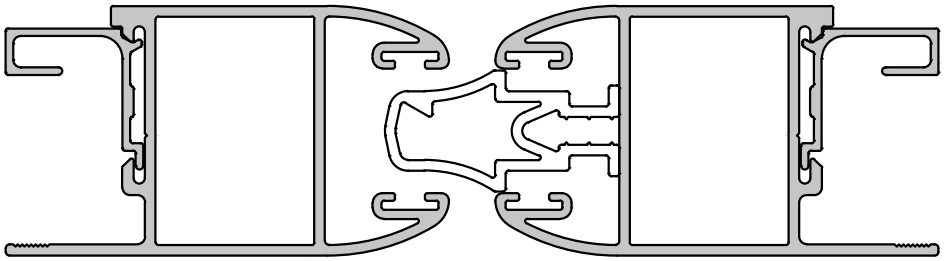
PRESSÃO DE VENTO

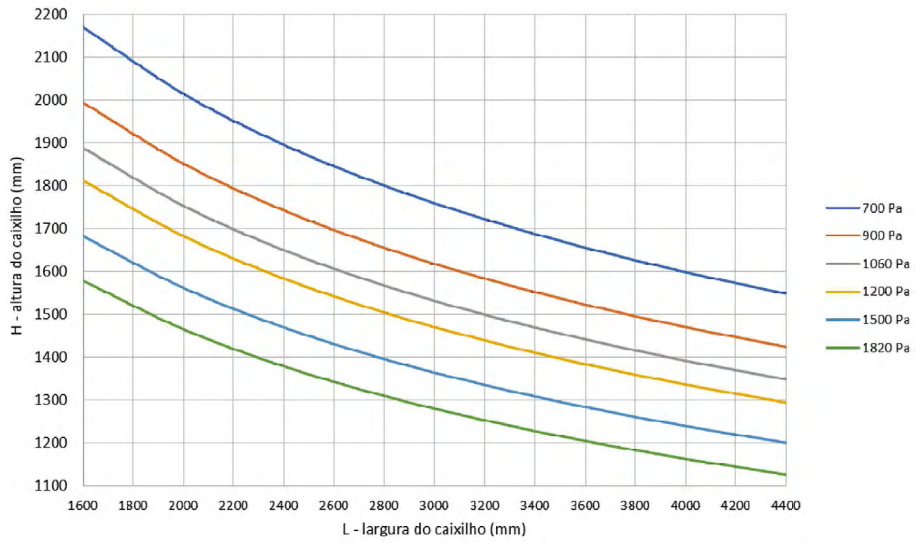
RE-40602		
Jx	46.493	mm4
Wx	2.666	mm3

RE-40602		
Jx	46.493	mm4
Wx	2.666	mm3





PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.



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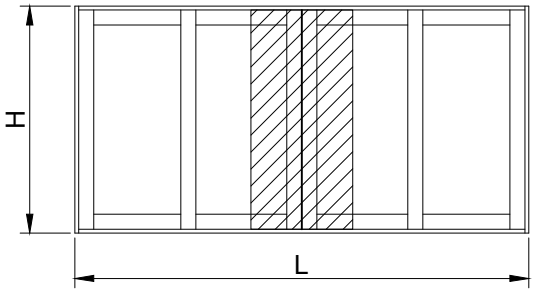
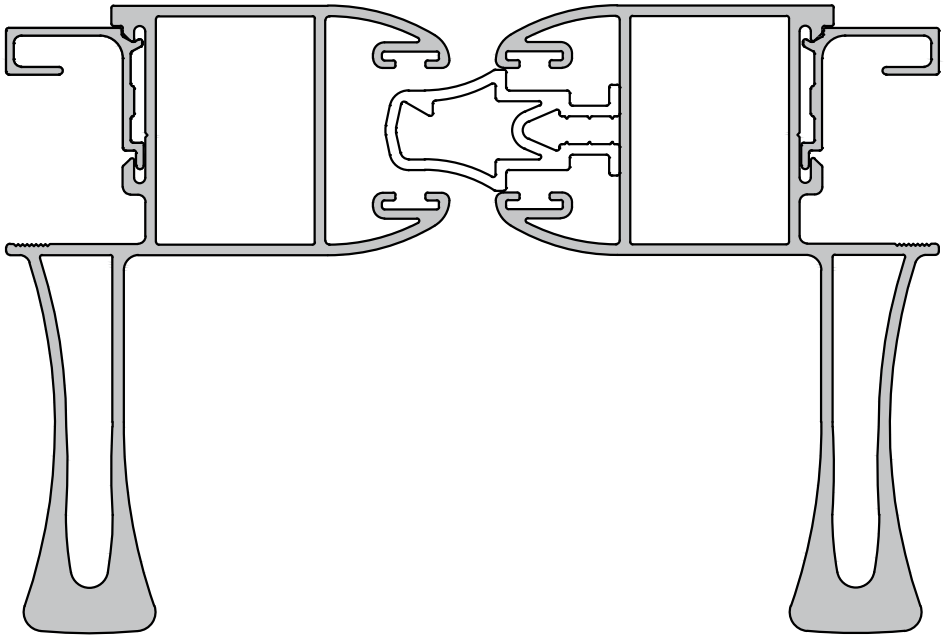
* As dimensões de folhas contidas neste gráfico, não contemplam máximas cargas suportadas pelas roldanas. Deve-se estudar caso a caso na seção dos componentes.

PRESSÃO DE VENTO

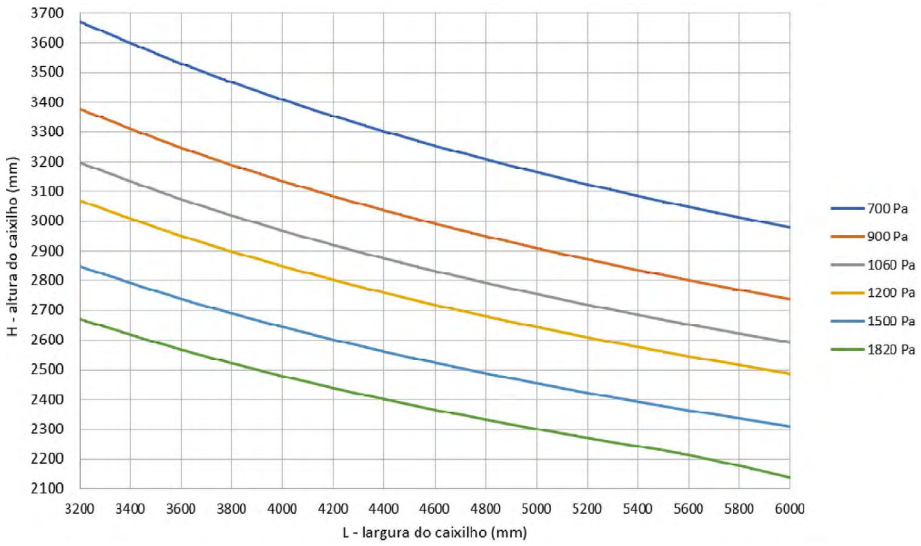
RE-40603		
Jx	451.069	mm4
Wx	10.735	mm3

RE-40603		
Jx	451.069	mm4
Wx	10.735	mm3





PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.



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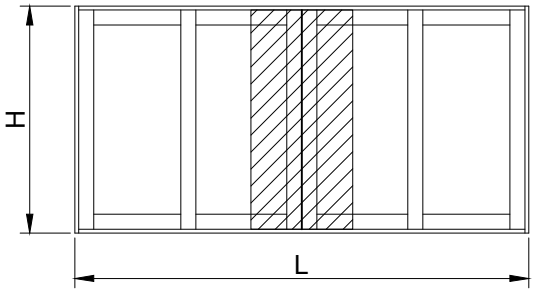
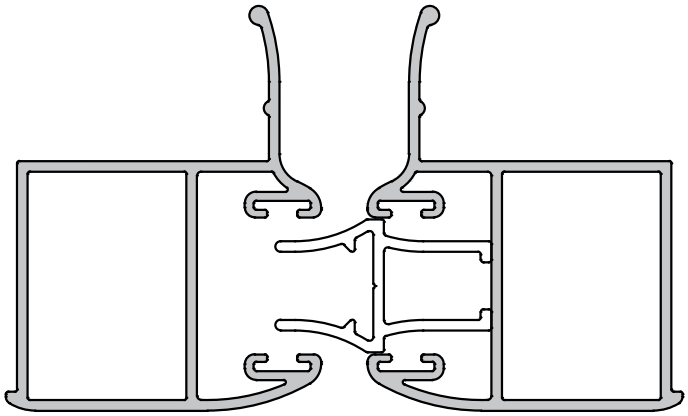
* As dimensões de folhas contidas neste gráfico, não contemplam máximas cargas suportadas pelas roldanas. Deve-se estudar caso a caso na seção dos componentes.

PRESSÃO DE VENTO

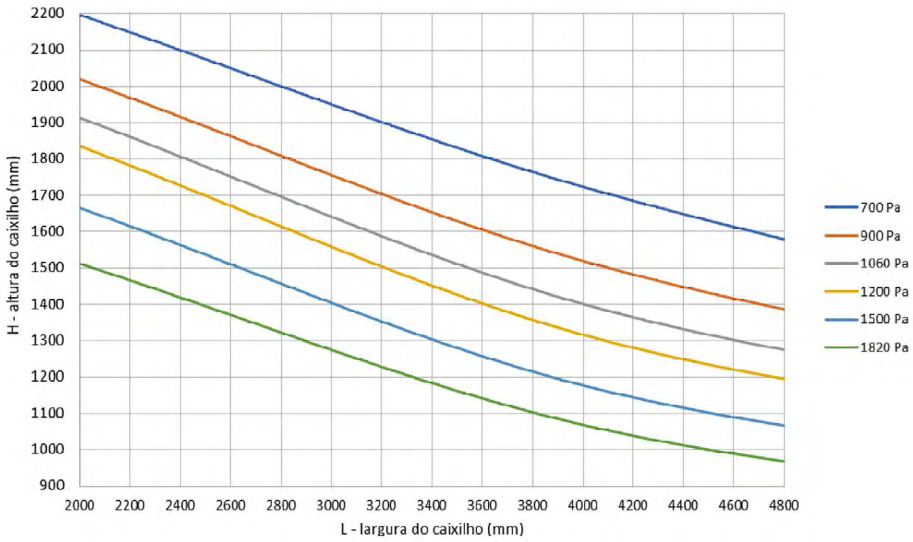
RE-40305		
Jx	60.246	mm4
Wx	1.784	mm3

RE-40305		
Jx	60.246	mm4
Wx	1.784	mm3





PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.



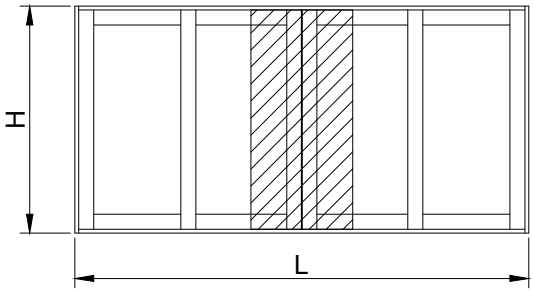
* O gráfico de disperção prevê flecha máxima permitida pela NBR 10821/2017 e também as máximas tensões suportadas pelo material - liga 6060 T5 coeficiente de segurança já aplicado.

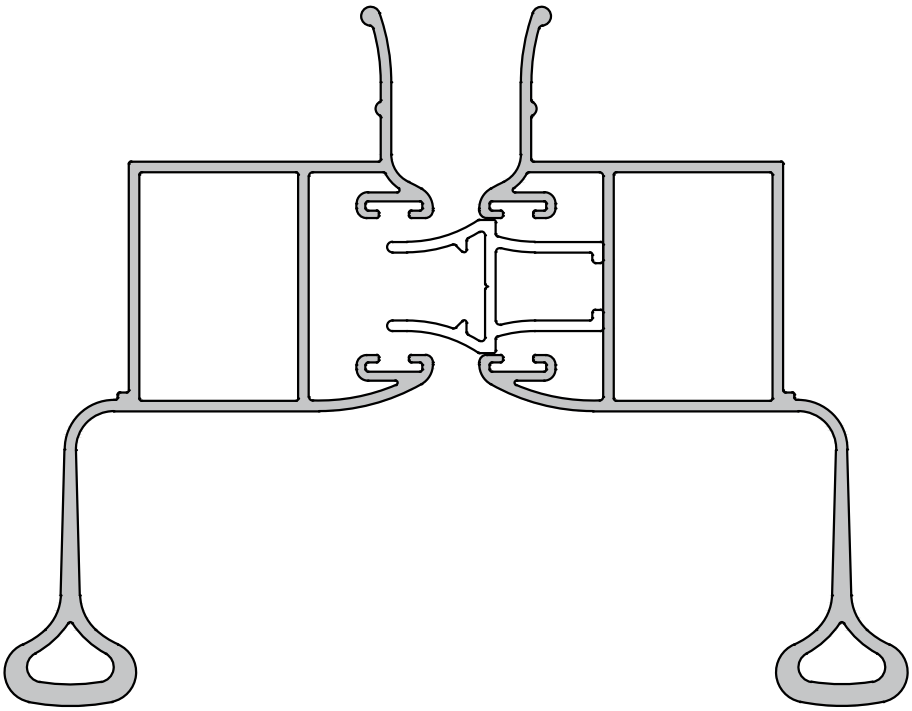
* As dimensões de folhas contidas neste gráfico, não contemplam máximas cargas suportadas pelas roldanas. Deve-se estudar caso a caso na seção dos componentes.

PRESSÃO DE VENTO

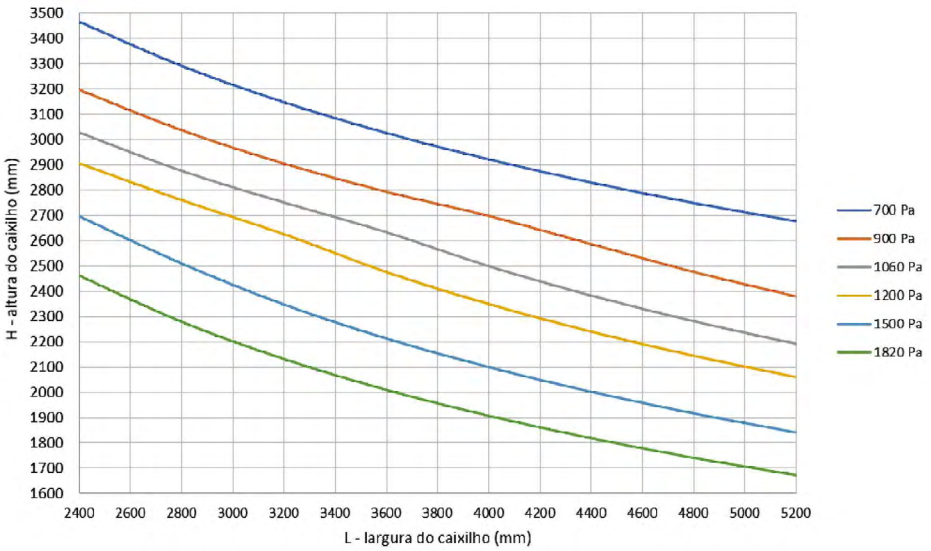
RE-40304		
Jx	287.538	mm4
Wx	5.689	mm3

RE-40304		
Jx	287.538	mm4
Wx	5.689	mm3





PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.



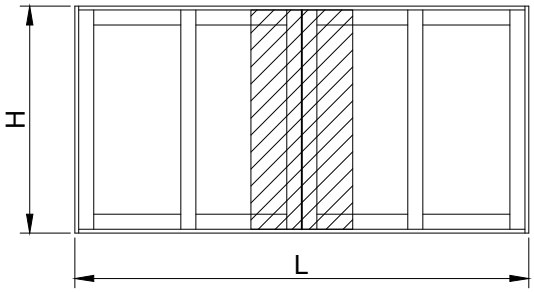
* O gráfico de disperção prevê flecha máxima permitida pela NBR 10821/2017 e também as máximas tensões suportadas pelo material - liga 6060 T5 coeficiente de segurança já aplicado.

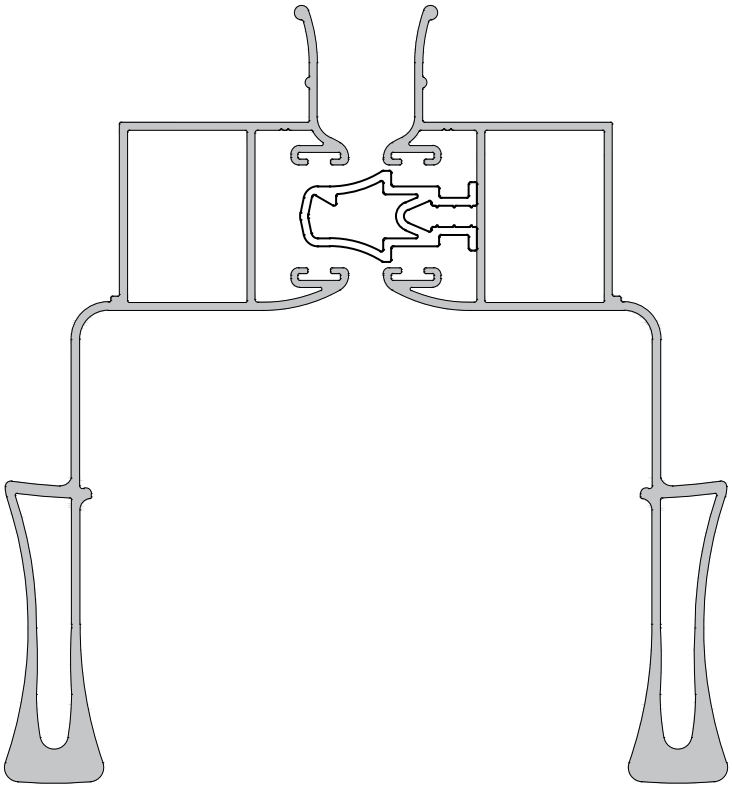
* As dimensões de folhas contidas neste gráfico, não contemplam máximas cargas suportadas pelas roldanas. Deve-se estudar caso a caso na seção dos componentes.

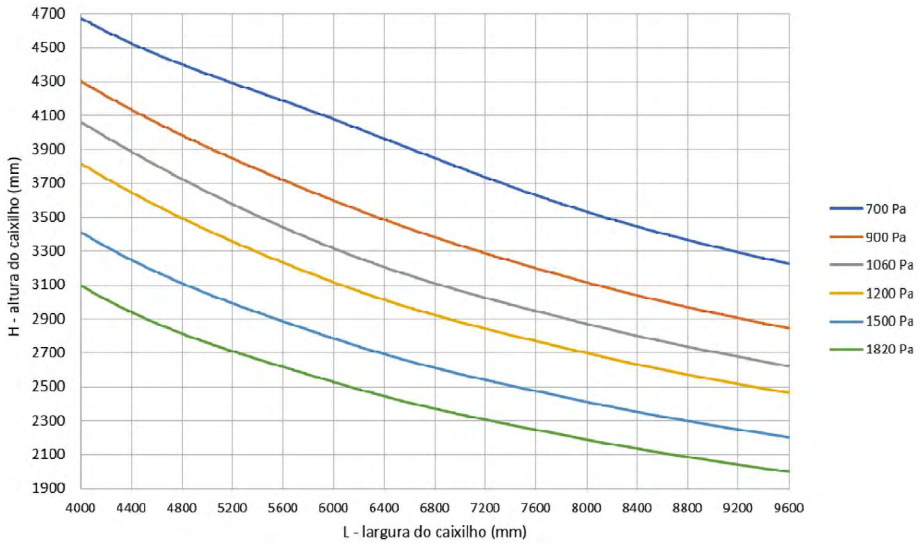
PRESSÃO DE VENTO

RE-40306		
Jx	1.165.110	mm4
Wx	15.014	mm3

RE-40306		
Jx	1.165.110	mm4
Wx	15.014	mm3







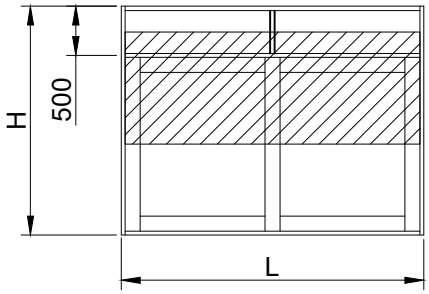
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

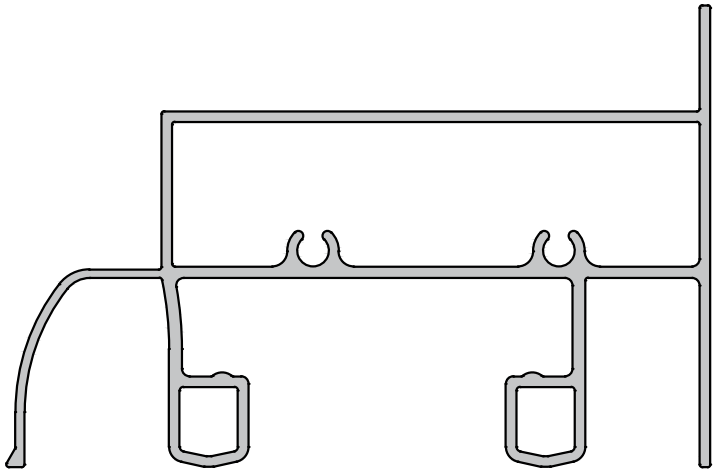
* O gráfico de disperção prevê flecha máxima permitida pela NBR 10821/2017 e também as máximas tensões suportadas pelo material - liga 6060 T5 coeficiente de segurança já aplicado.

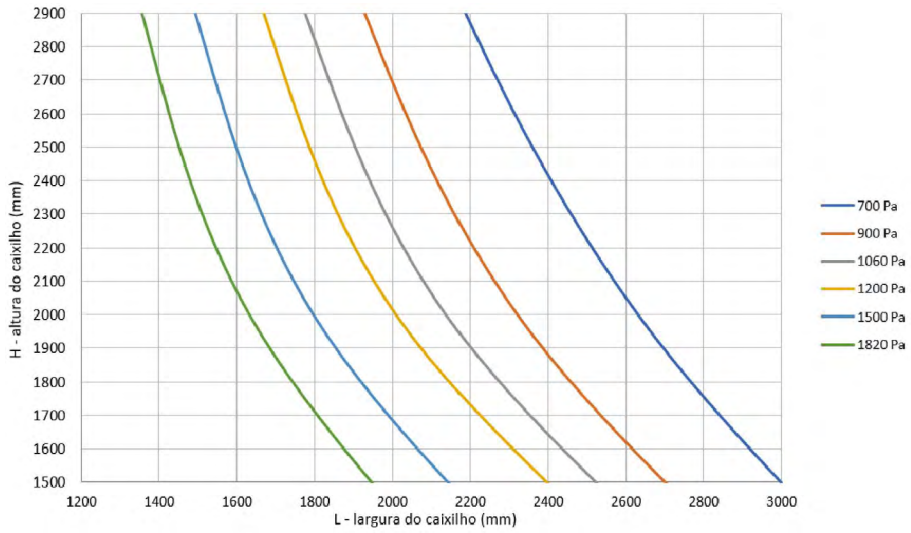
* As dimensões de folhas contidas neste gráfico, não contemplam máximas cargas suportadas pelas roldanas. Deve-se estudar caso a caso na seção dos componentes.

PRESSÃO DE VENTO

RE-01104		
Jy	448.817	mm4
Wy	8.334	mm3







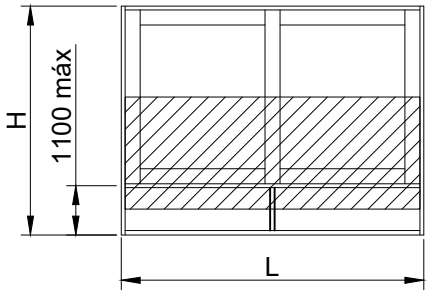
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

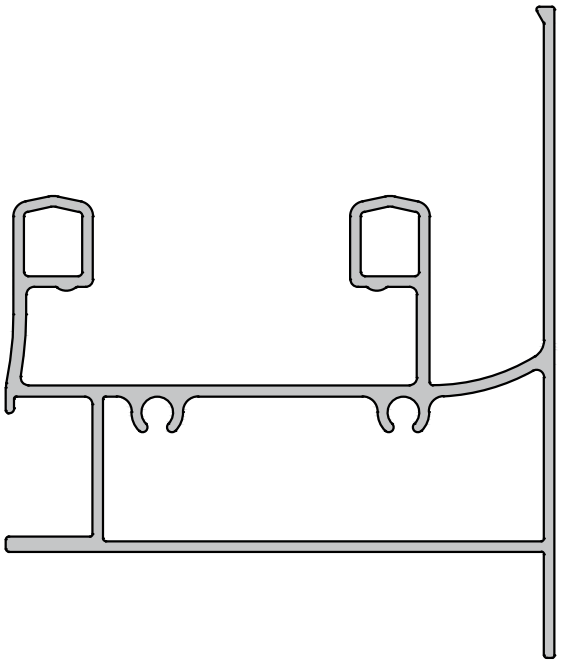
* O gráfico de disperção prevê flecha máxima permitida pela NBR 10821/2017 e também as máximas tensões suportadas pelo material - liga 6060 T5 coeficiente de segurança já aplicado.

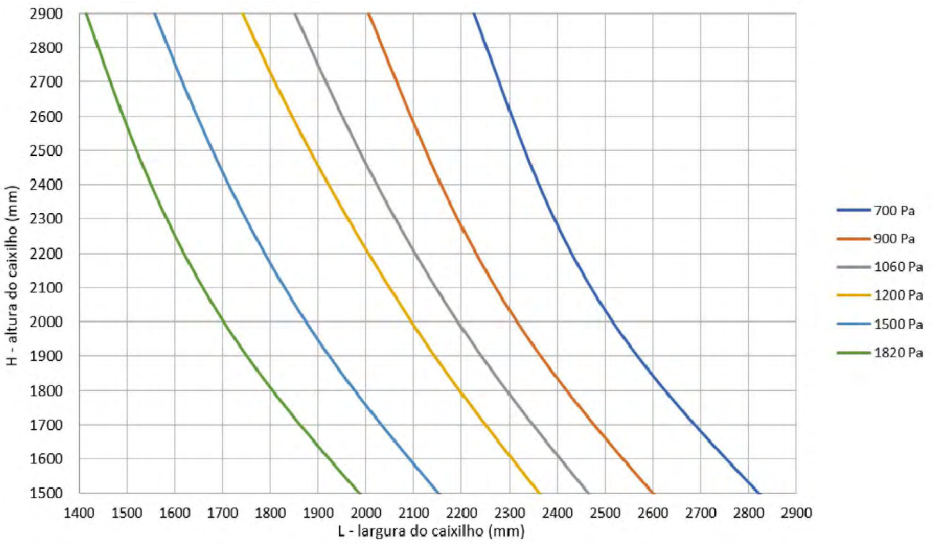
* As dimensões de folhas contidas neste gráfico, não contemplam máximas cargas suportadas pelas roldanas. Deve-se estudar caso a caso na seção dos componentes.

PRESSÃO DE VENTO

RE-01004		
Jy	363.838	mm4
Wy	9.066	mm3





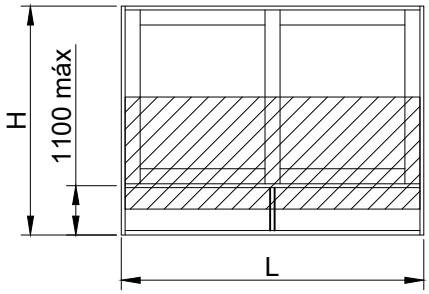


PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

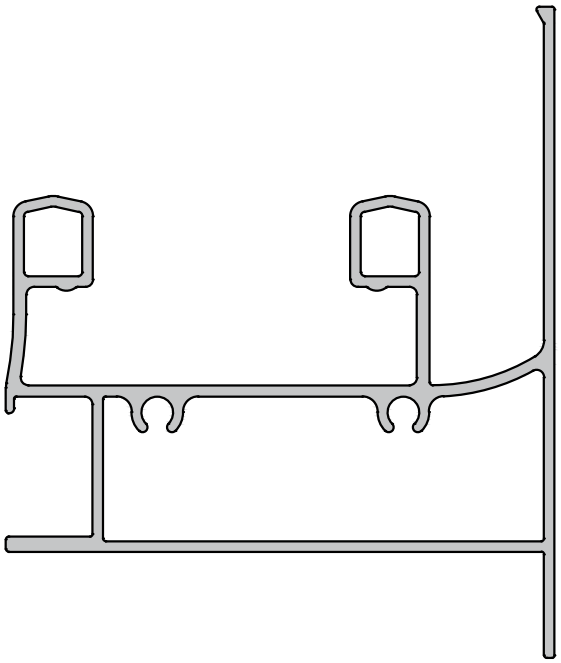
* O gráfico de disperção prevê flecha máxima permitida pela NBR 10821/2017 e também as máximas tensões suportadas pelo material - liga 6060 T5 coeficiente de segurança já aplicado.

* As dimensões de folhas contidas neste gráfico, não contemplam máximas cargas suportadas pelas roldanas. Deve-se estudar caso a caso na seção dos componentes.

CARGA DE USO



RE-01004		
Jy	363.838	mm4
Wy	9.066	mm3



Carga de Uso Conforme NBR-14718/2019					
Aplicação	**Quantidade de Pavimentos**	**Altura Máxima m**	**Região do Pais**	**Carga de Uso N/m**	**Largura Máxima m**
Residencial ou Comercial de uso privativo e áreas técnicas	30	90	I	400	3200
			II	500	3050
			III	650	2800
			IV	800	2550
			V	1000	2250

PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

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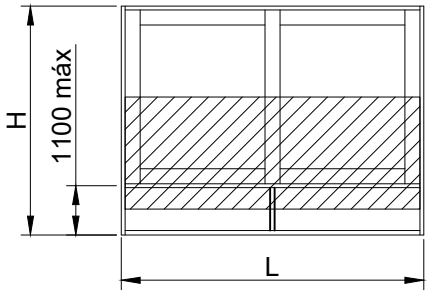
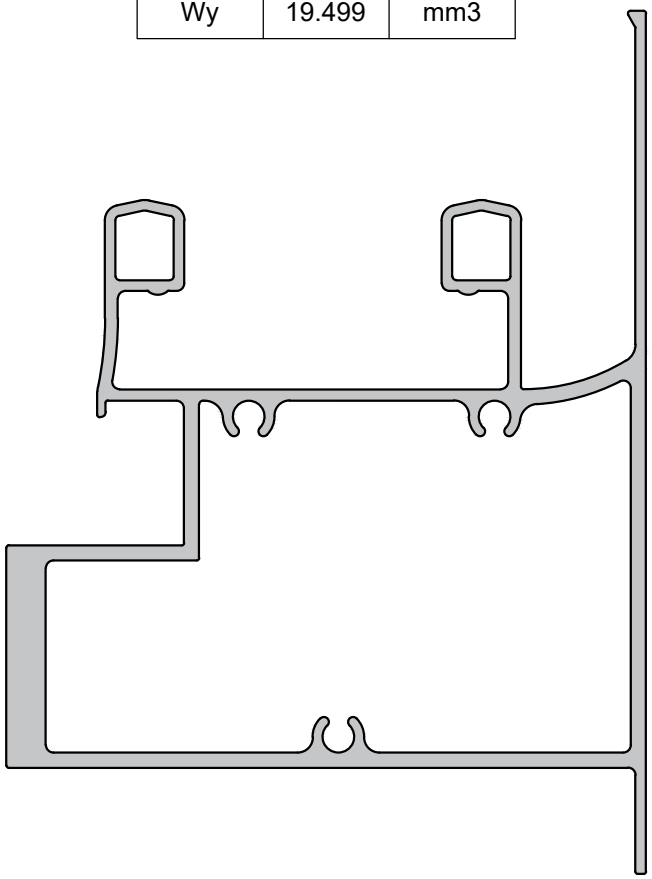
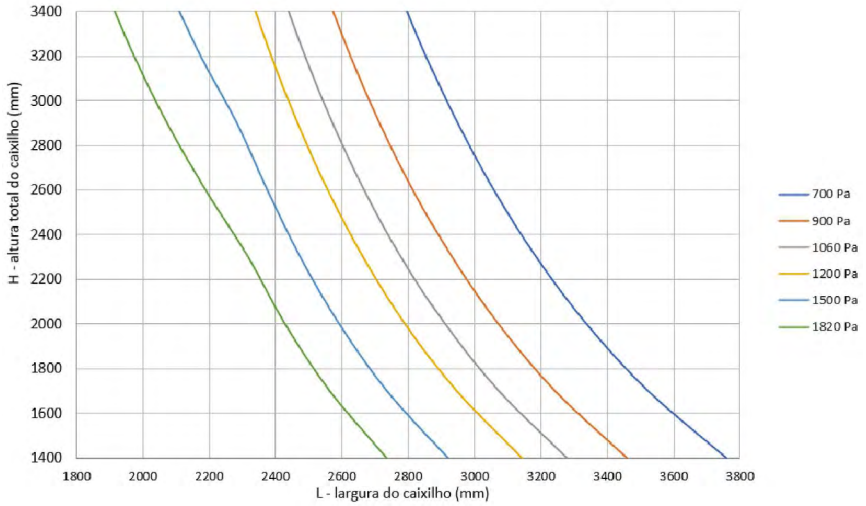
* As dimensões de folhas contidas neste gráfico, não contemplam máximas cargas suportadas pelas roldanas. Deve-se estudar caso a caso na seção dos componentes.

PRESSÃO DE VENTO



RE-33104		
Jy	848.800	mm4
Wy	19.499	mm3





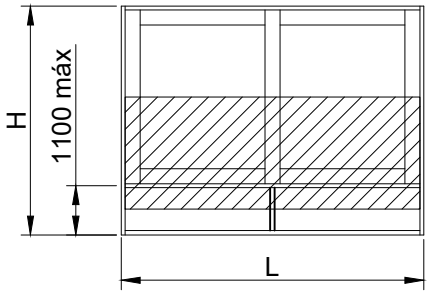
perção prevê flecha máxima permitida pela NBR 10821/2023 e também as máximas tensões suportadas pelo material - liga 6060 T5 coeficiente de se

PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

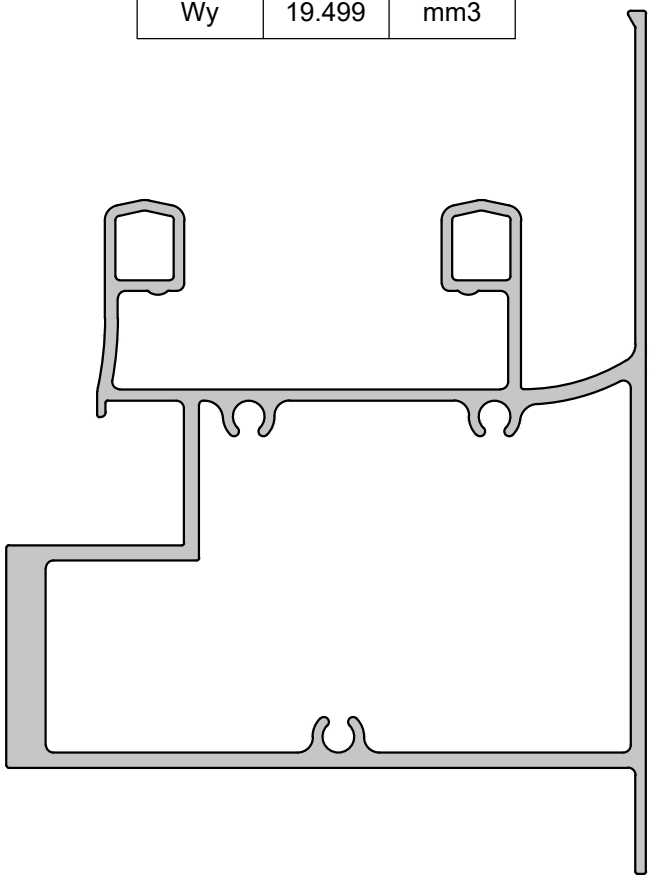
* O gráfico de disperção prevê flecha máxima permitida pela NBR 10821/2017 e também as máximas tensões suportadas pelo material - liga 6060 T5 coeficiente de segurança já aplicado.

* As dimensões de folhas contidas neste gráfico, não contemplam máximas cargas suportadas pelas roldanas. Deve-se estudar caso a caso na seção dos componentes.

CARGA DE USO



RE-33104		
Jy	848.800	mm4
Wy	19.499	mm3



Carga de Uso Conforme NBR-14718/2019					
Aplicação	Quantidade de Pavimentos	Altura Máxima m	Região do Pais	Carga de Uso N/m	Largura Máxima m
Residencial ou Comercial de uso privativo e áreas técnicas	30	90	I	400	4000
			II	500	3750
			III	650	3550
			IV	800	3350
			V	1000	3150

PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

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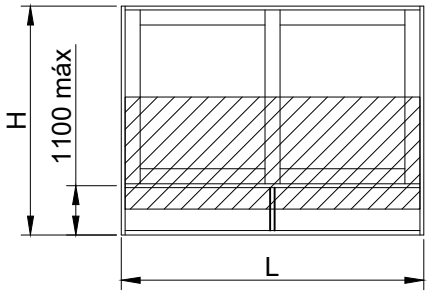
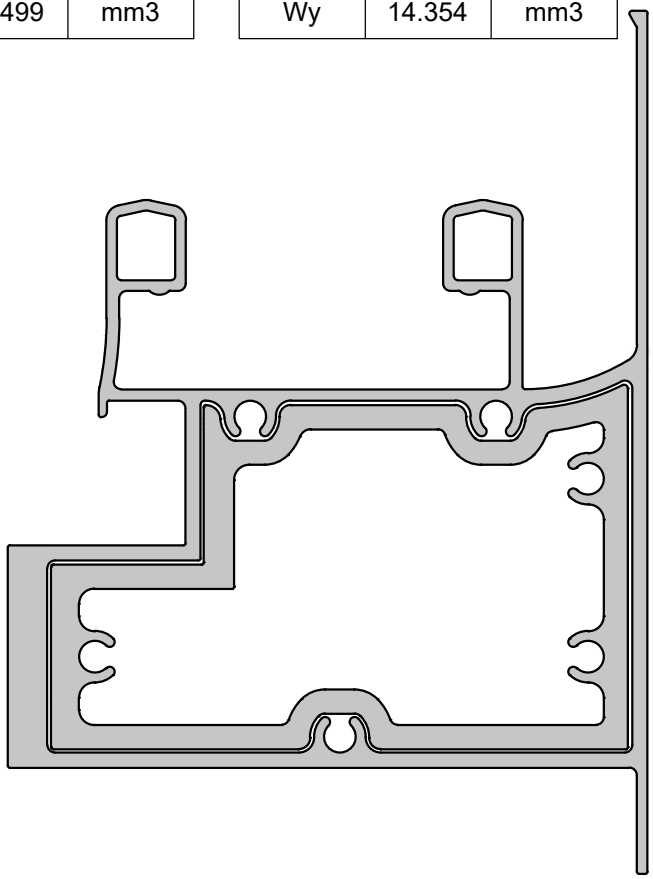
* As dimensões de folhas contidas neste gráfico, não contemplam máximas cargas suportadas pelas roldanas. Deve-se estudar caso a caso na seção dos componentes.

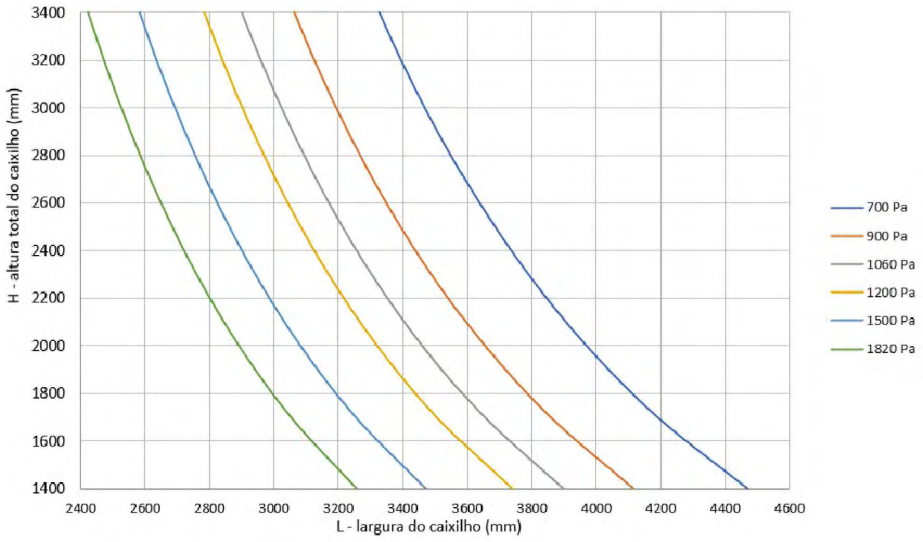
PRESSÃO DE VENTO

RE-33104		
Jy	848.800	mm4
Wy	19.499	mm3

RE-33105		
Jy	580.464	mm4
Wy	14.354	mm3





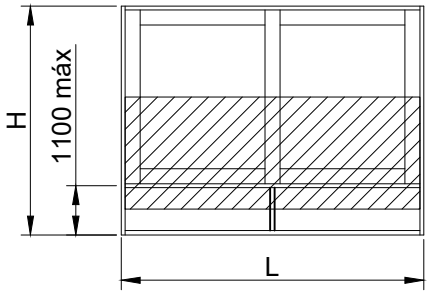


PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

* O gráfico de disperção prevê flecha máxima permitida pela NBR 10821/2017 e também as máximas tensões suportadas pelo material - liga 6060 T5 coeficiente de segurança já aplicado.

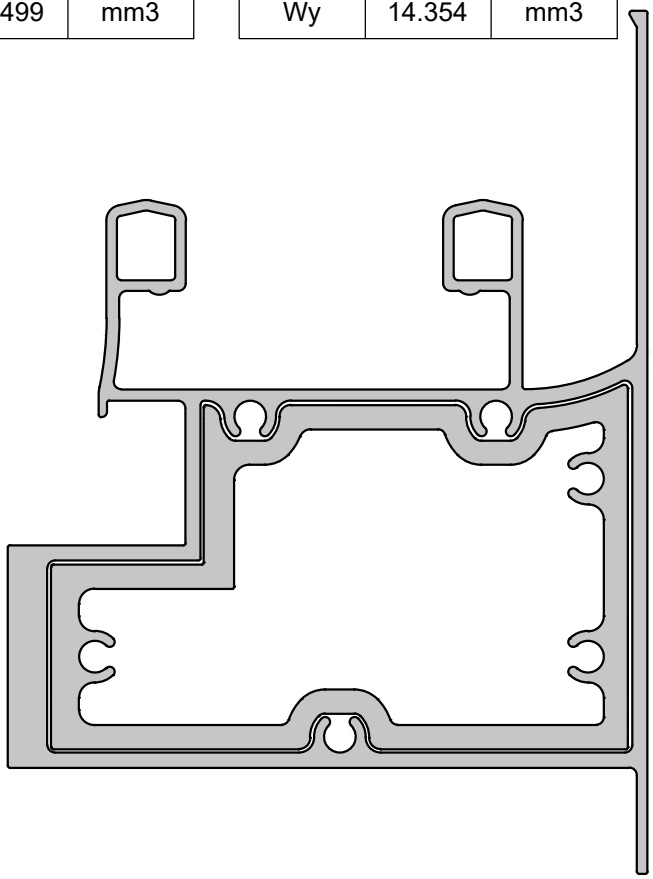
* As dimensões de folhas contidas neste gráfico, não contemplam máximas cargas suportadas pelas roldanas. Deve-se estudar caso a caso na seção dos componentes.

CARGA DE USO



RE-33104		
Jy	848.800	mm4
Wy	19.499	mm3

RE-33105		
Jy	580.464	mm4
Wy	14.354	mm3



Carga de Uso Conforme NBR-14718/2019					
Aplicação	Quantidade de Pavimentos	Altura Máxima m	Região do Pais	Carga de Uso N/m	Largura Máxima m
Residencial ou Comercial de uso privativo e áreas técnicas	30	90	I	400	4550
			II	500	4300
			III	650	4000
			IV	800	3800
			V	1000	3600

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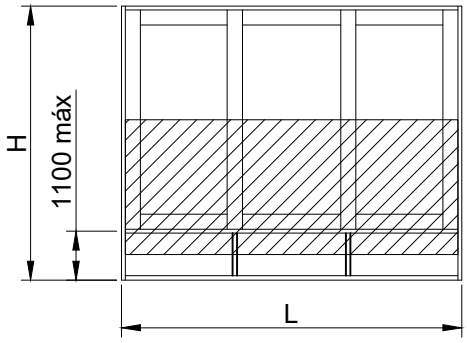
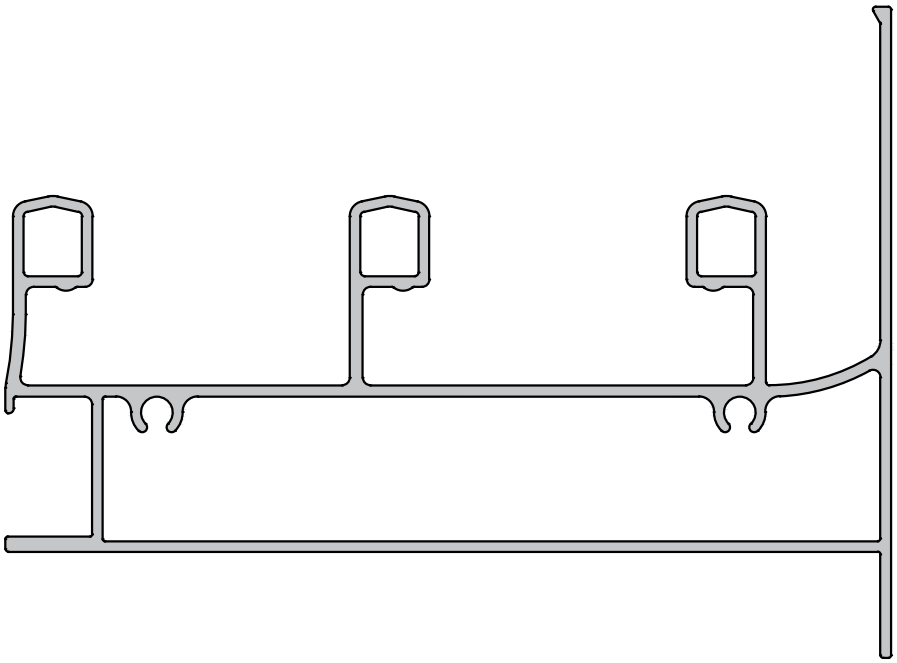
* As dimensões de folhas contidas neste gráfico, não contemplam máximas cargas suportadas pelas roldanas. Deve-se estudar caso a caso na seção dos componentes.

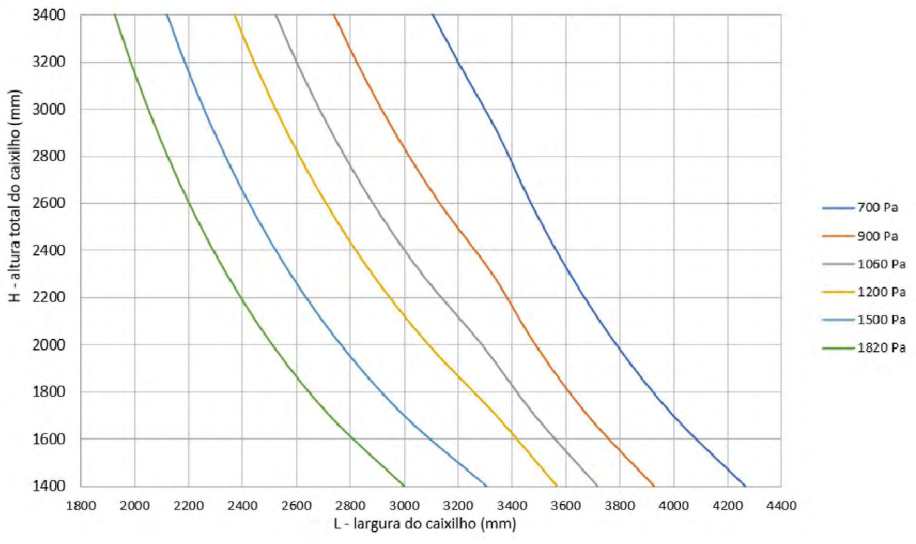
PRESSÃO DE VENTO

RE-01003		
Jy	1.240.309	mm4
Wy	19.723	mm3





PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

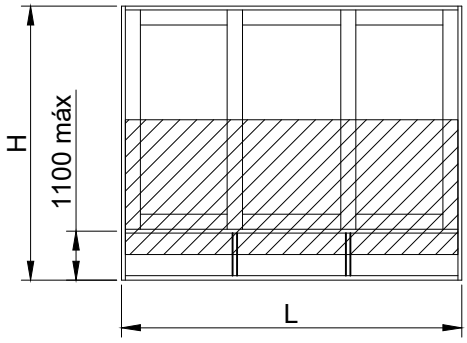


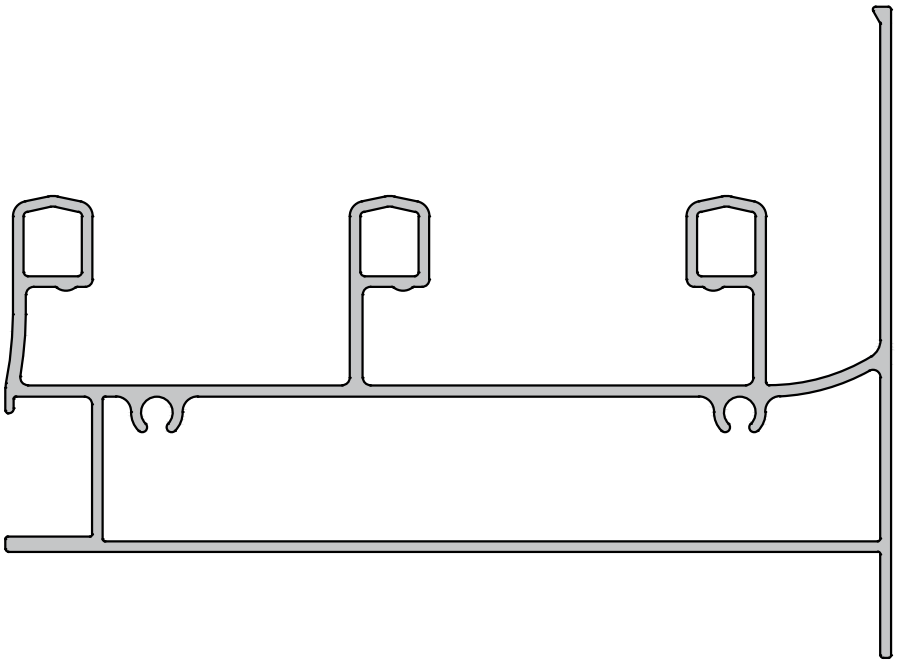
* O gráfico de disperção prevê flecha máxima permitida pela NBR 10821/2017 e também as máximas tensões suportadas pelo material - liga 6060 T5 coeficiente de segurança já aplicado.

* As dimensões de folhas contidas neste gráfico, não contemplam máximas cargas suportadas pelas roldanas. Deve-se estudar caso a caso na seção dos componentes.

CARGA DE USO

RE-01003		
Jy	1.240.309	mm4
Wy	19.723	mm3





PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

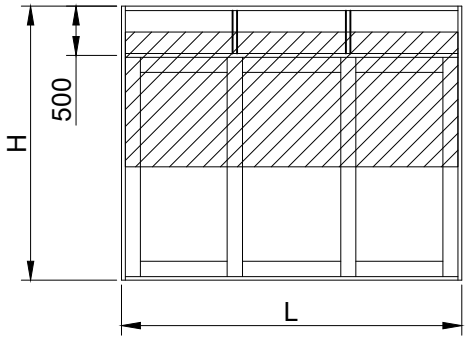
Carga de Uso Conforme NBR-14718/2019					
Aplicação	**Quantidade de Pavimentos**	**Altura Máxima m**	**Região do Pais**	**Carga de Uso N/m**	**Largura Máxima mm**
Residencial ou Comercial de uso privativo e áreas técnicas	30	90	I	400	4411,826
			II	500	4172,437
			III	650	3907,561
			IV	800	3786,632
			V	1000	3386,87

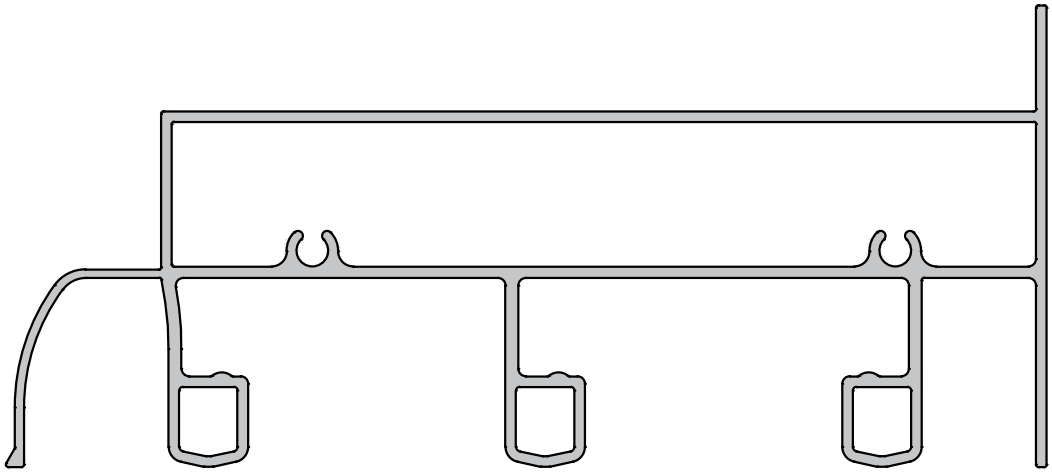
* O gráfico de disperção prevê flecha máxima permitida pela NBR 10821/2017 e também as máximas tensões suportadas pelo material - liga 6060 T5 coeficiente de segurança já aplicado.

* As dimensões de folhas contidas neste gráfico, não contemplam máximas cargas suportadas pelas roldanas. Deve-se estudar caso a caso na seção dos componentes.

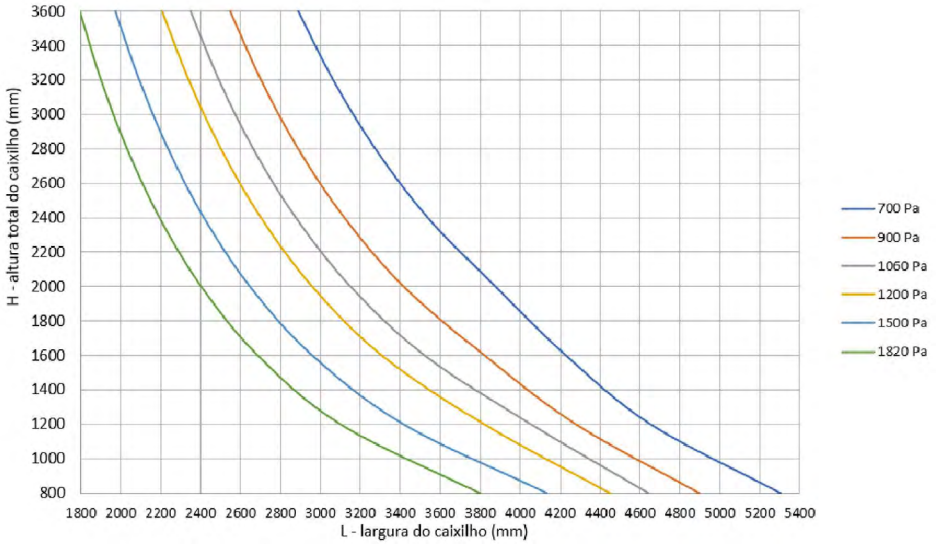
PRESSÃO DE VENTO

RE-01103		
Jy	1.377.527	mm4
Wy	18.083	mm3





PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

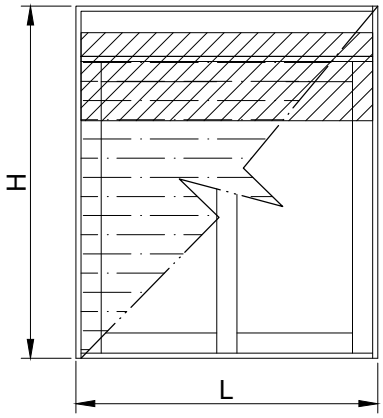


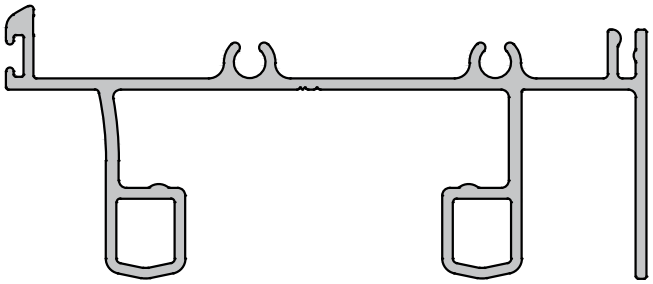
* O gráfico de disperção prevê flecha máxima permitida pela NBR 10821/2017 e também as máximas tensões suportadas pelo material - liga 6060 T5 coeficiente de segurança já aplicado.

* As dimensões de folhas contidas neste gráfico, não contemplam máximas cargas suportadas pelas roldanas. Deve-se estudar caso a caso na seção dos componentes.

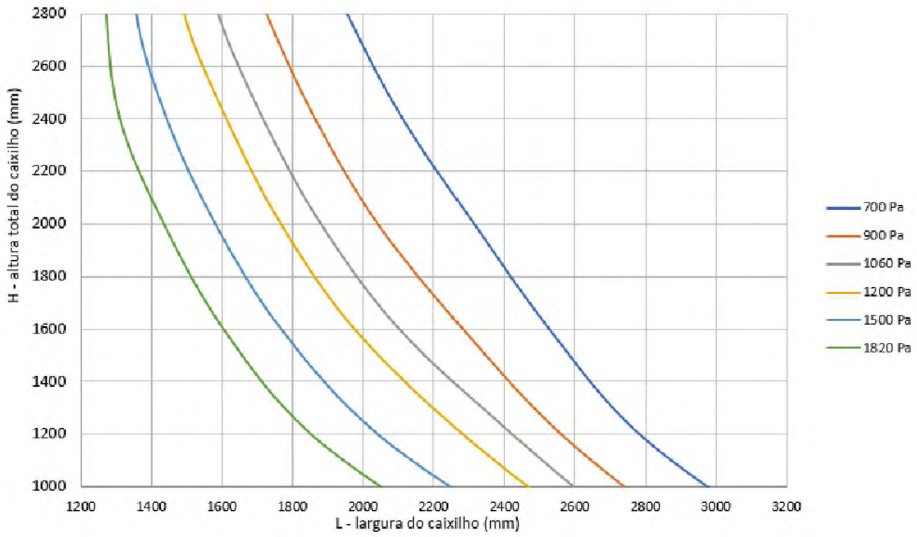
PRESSÃO DE VENTO

RE-01201		
Jy	293.632	mm4
Wy	6.441	mm3





PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

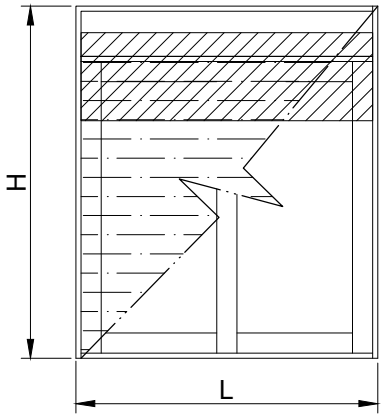


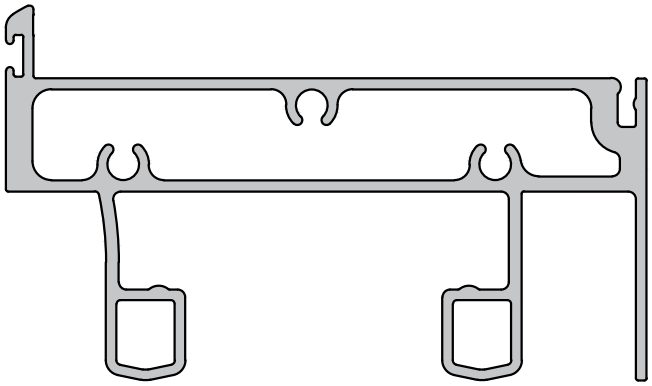
* O gráfico de disperção prevê flecha máxima permitida pela NBR 10821/2017 e também as máximas tensões suportadas pelo material - liga 6060 T5 coeficiente de segurança já aplicado.

* As dimensões de folhas contidas neste gráfico, não contemplam máximas cargas suportadas pelas roldanas. Deve-se estudar caso a caso na seção dos componentes.

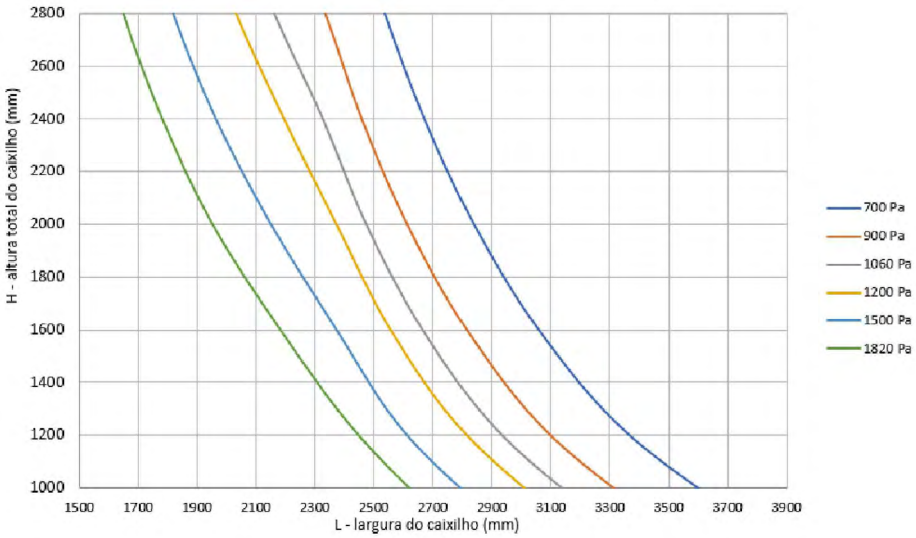
PRESSÃO DE VENTO

RE-01202		
Jy	521.077	mm4
Wy	11.910	mm3





PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

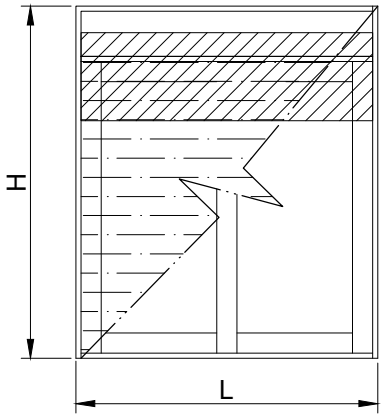


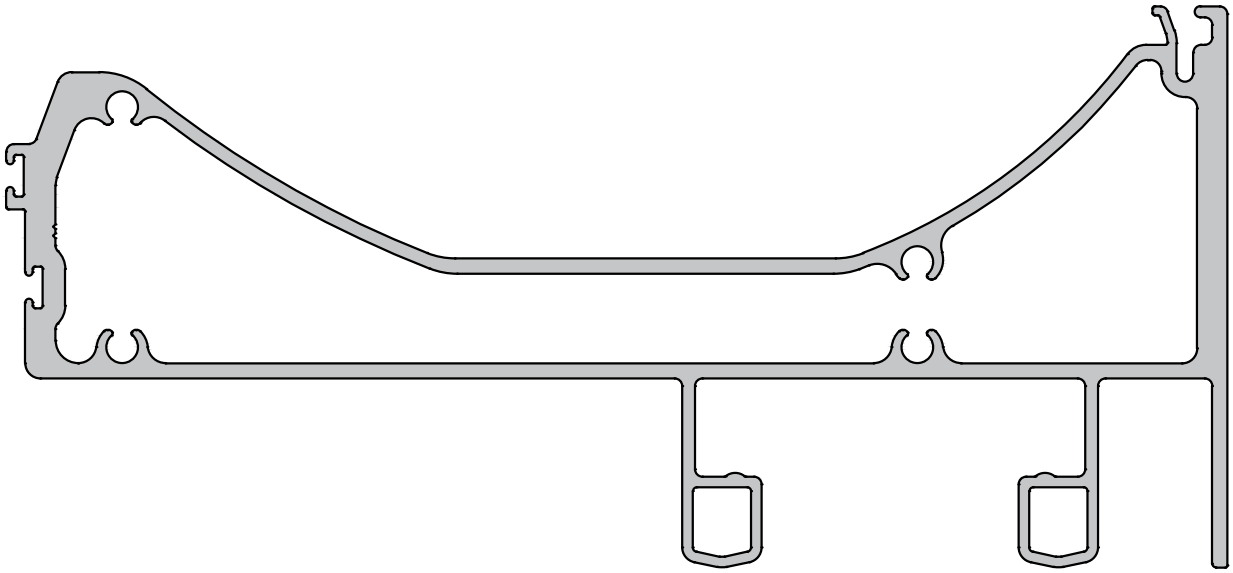
* O gráfico de disperção prevê flecha máxima permitida pela NBR 10821/2017 e também as máximas tensões suportadas pelo material - liga 6060 T5 coeficiente de segurança já aplicado.

* As dimensões de folhas contidas neste gráfico, não contemplam máximas cargas suportadas pelas roldanas. Deve-se estudar caso a caso na seção dos componentes.

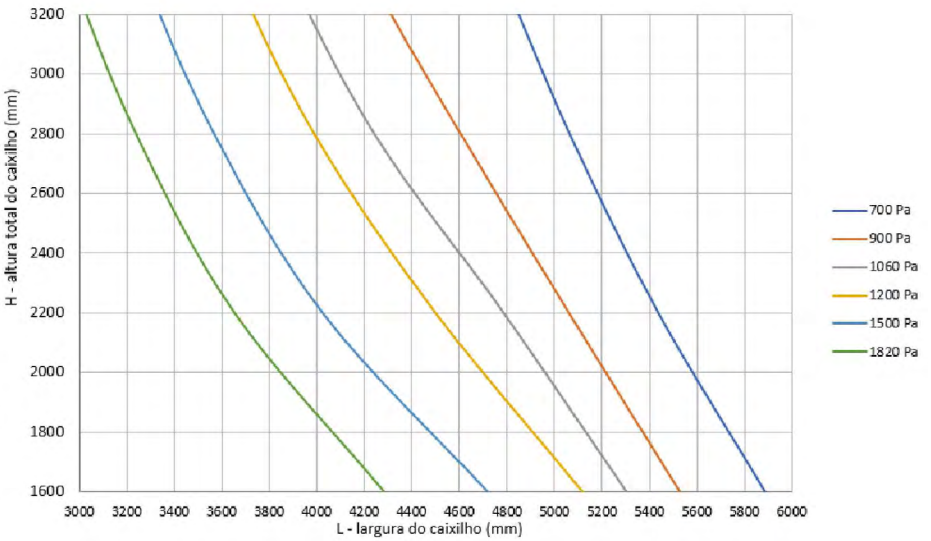
PRESSÃO DE VENTO

RE-33202		
Jy	4.168.657	mm4
Wy	45.936	mm3





PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.



* O gráfico de disperção prevê flecha máxima permitida pela NBR 10821/2017 e também as máximas tensões suportadas pelo material - liga 6060 T5 coeficiente de segurança já aplicado.

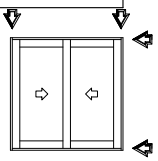
* As dimensões de folhas contidas neste gráfico, não contemplam máximas cargas suportadas pelas roldanas. Deve-se estudar caso a caso na seção dos componentes.

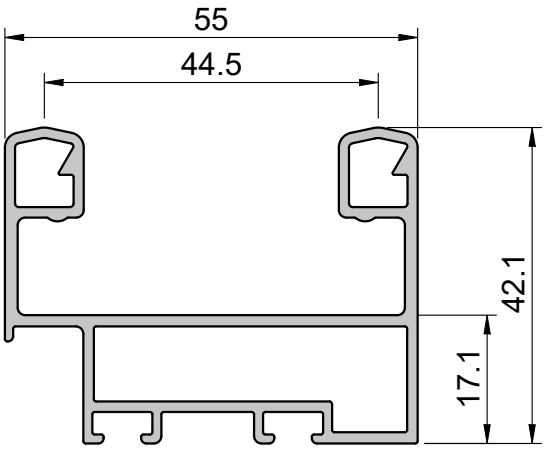
3

Perfis

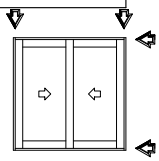
MAPA DE PERFIS

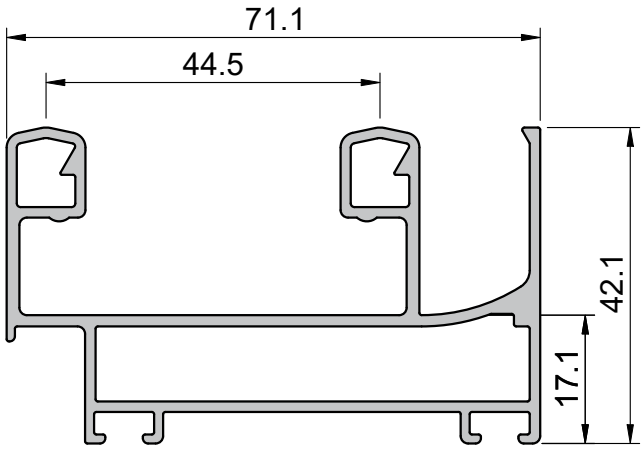
RE-01602	Marco 2 Planos
	0,992 Kg/m



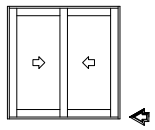


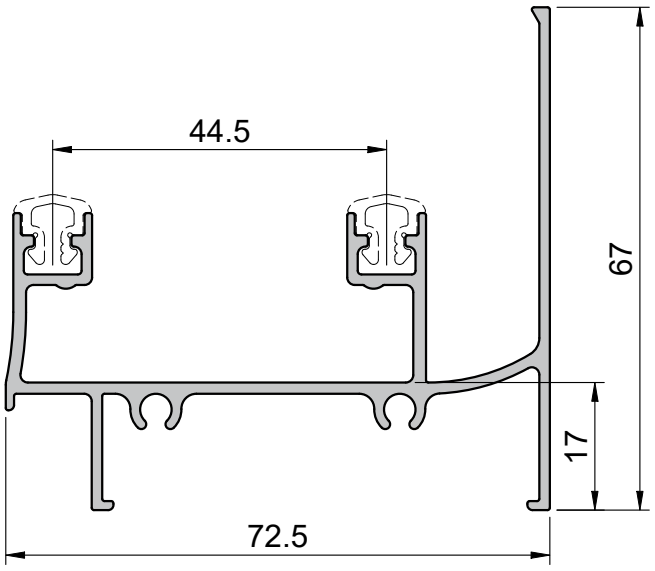
RE-01603	Marco 2 Planos
	1,231 Kg/m



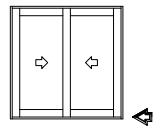


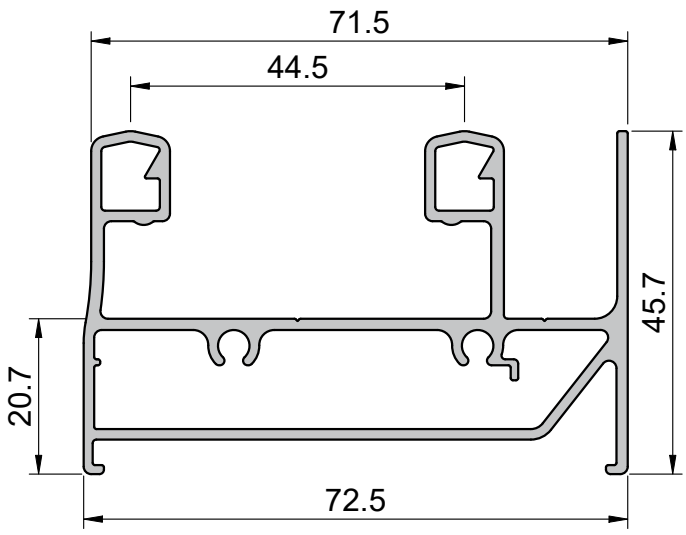
RE-01005	Trilho 2 Planos
	1,056 Kg/m



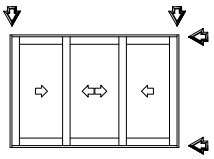


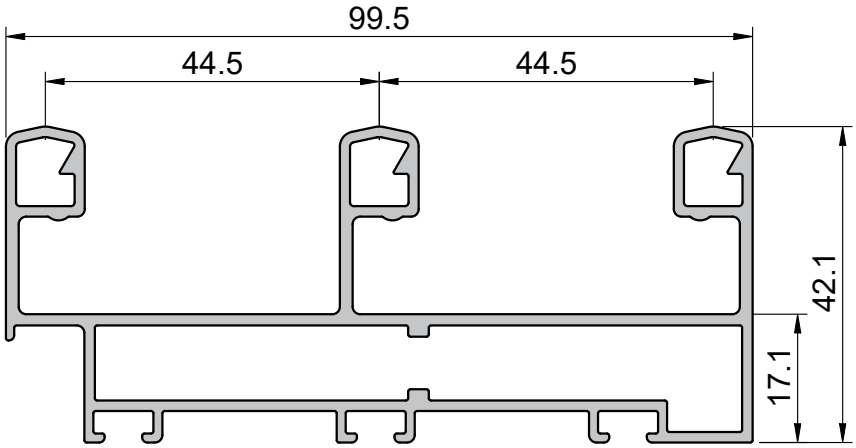
RE-01007	Marco 2 Planos
	1,370 Kg/m



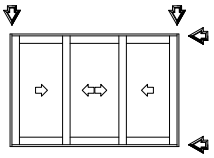


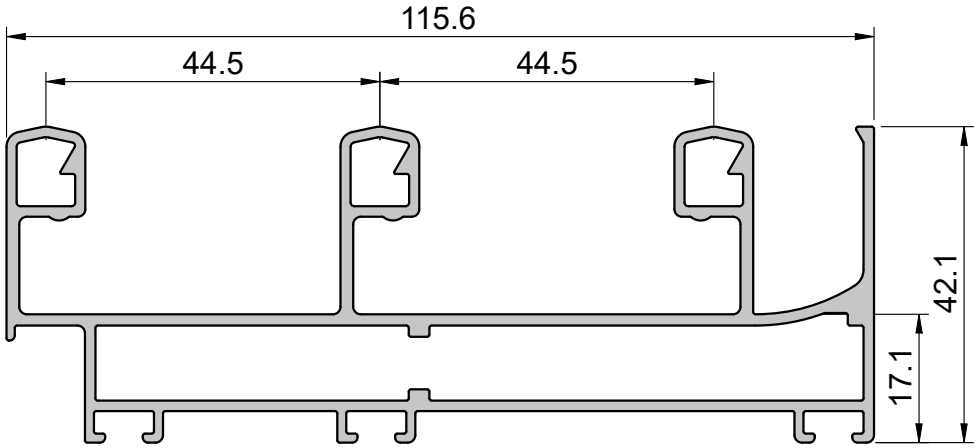
RE-01601	Marco 3 Planos
	1,612 Kg/m



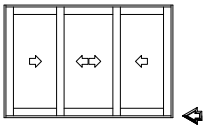


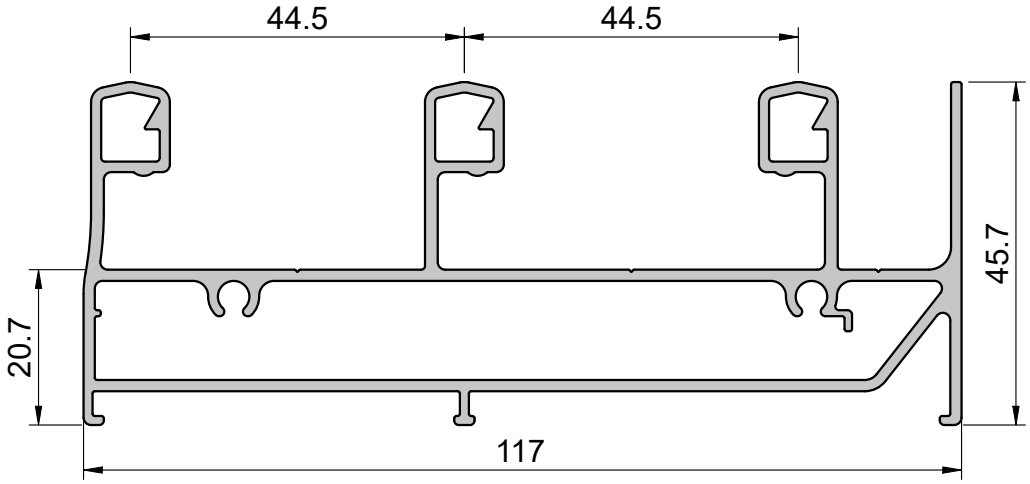
RE-01604	Marco 3 Planos
	1,849 Kg/m



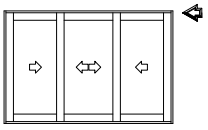


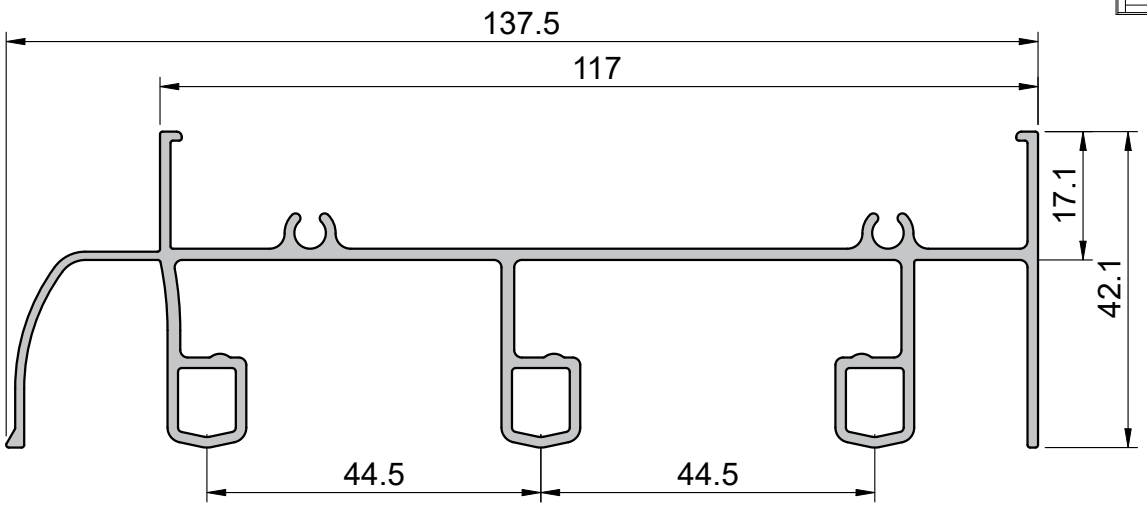
RE-01008	Marco 3 Planos
	1,988 Kg/m



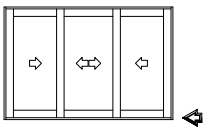


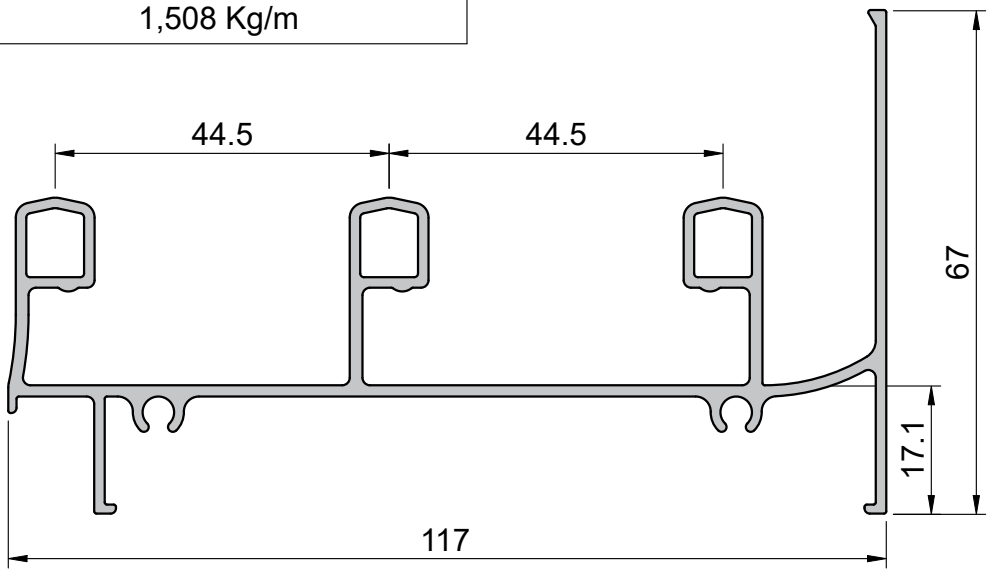
RE-01102	Marco Superior 3 Planos
	1,527 Kg/m



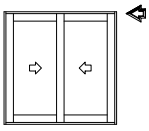


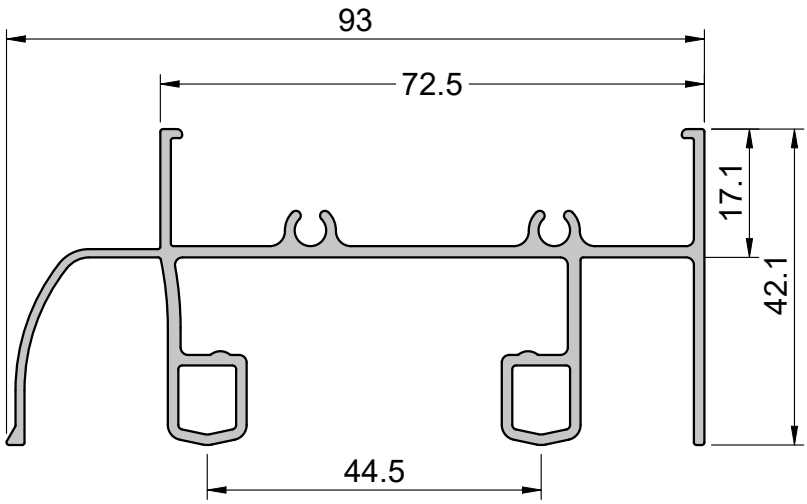
RE-01002	Marco Inferior 3 Planos
	1,508 Kg/m



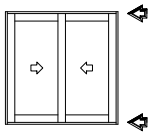


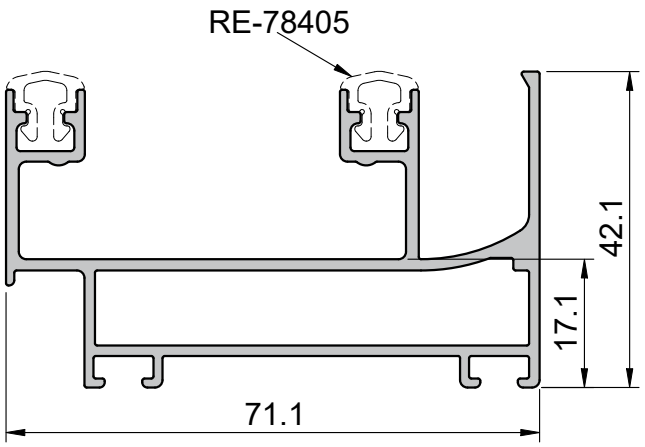
RE-01101	Marco Superior 2 Planos
	1,141 Kg/m



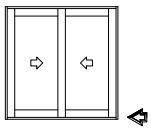


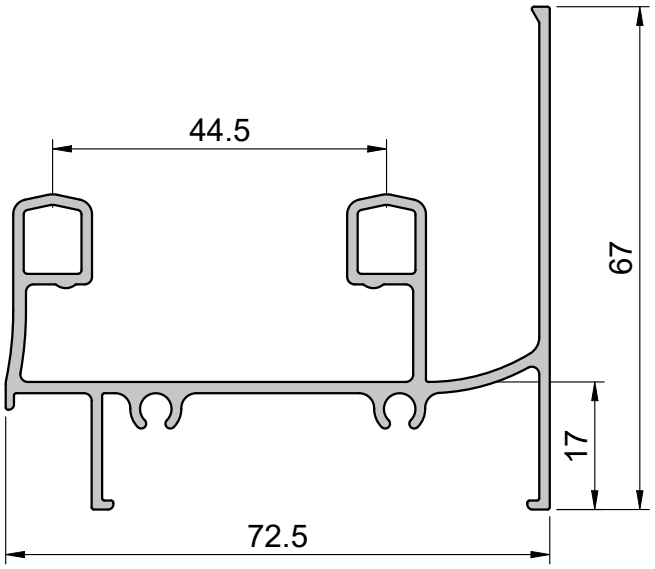
RE-01606	Trilho 2 planos
	1,145 Kg/m



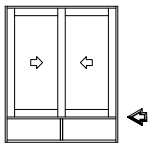


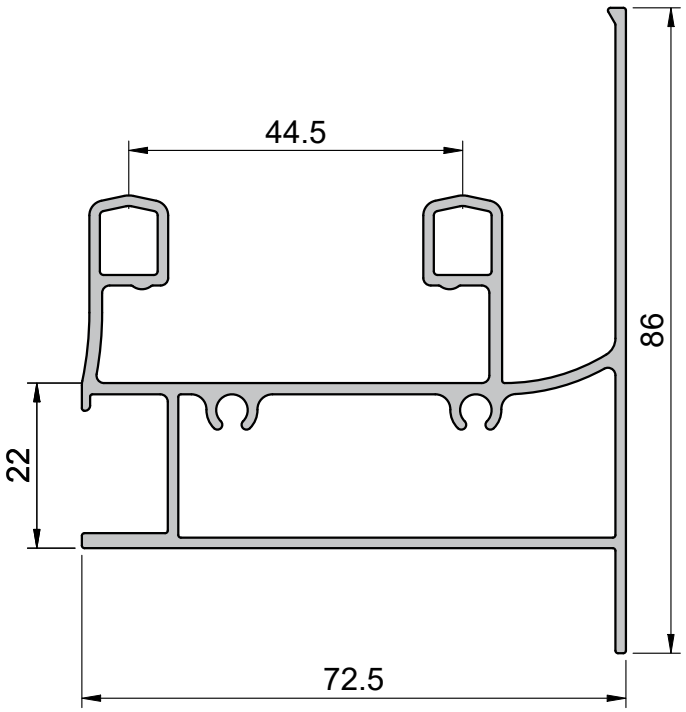
RE-01001	Marco Inferior 2 Planos
	1,122 Kg/m



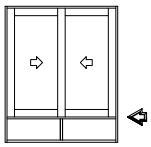


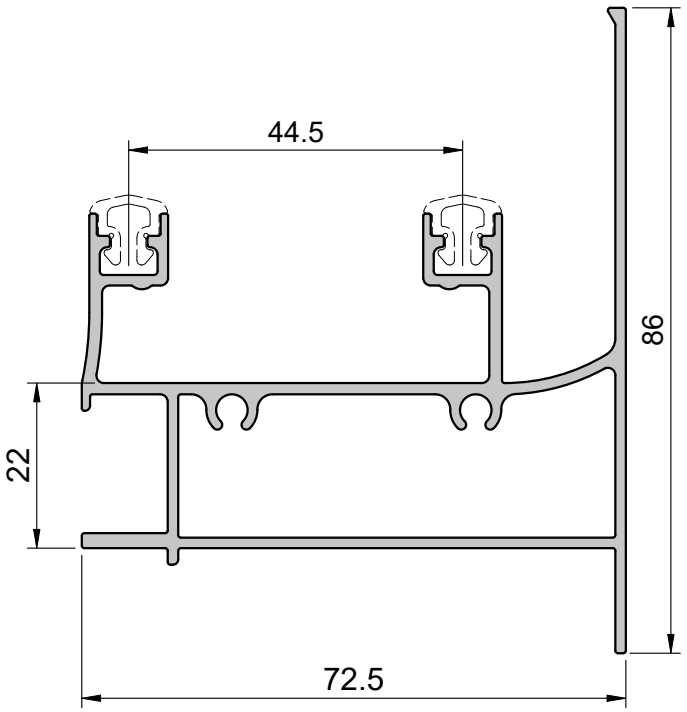
RE-01004	Travessa Inferior 2 Planos
	1,488 Kg/m
Jy = 363.838 mm^4 | Wy = 9.066 mm^3	



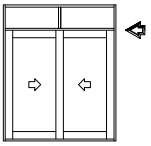


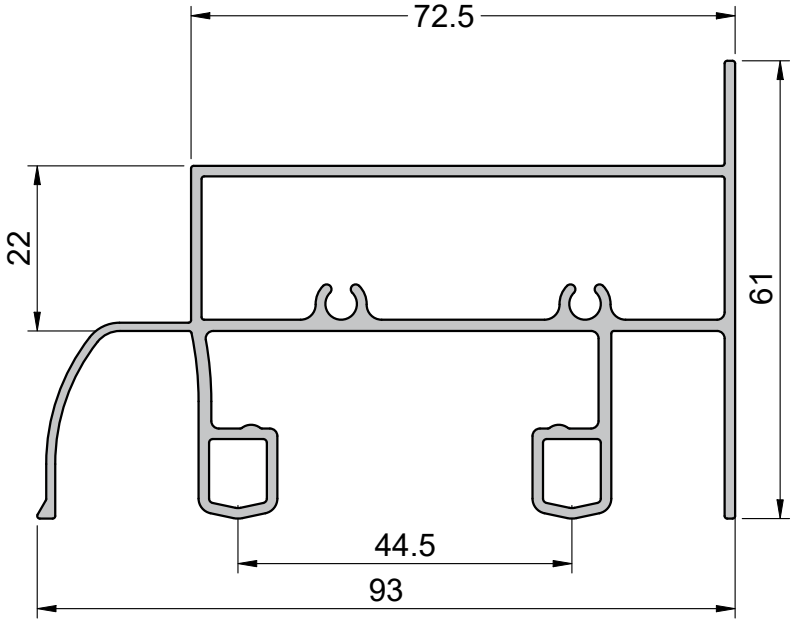
RE-01006	Travessa Inferior 2 Planos
	1,429 Kg/m
Jy = 350.193 mm^4 | Wy = 9.641 mm^3	



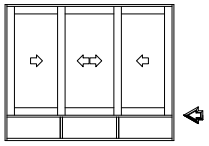


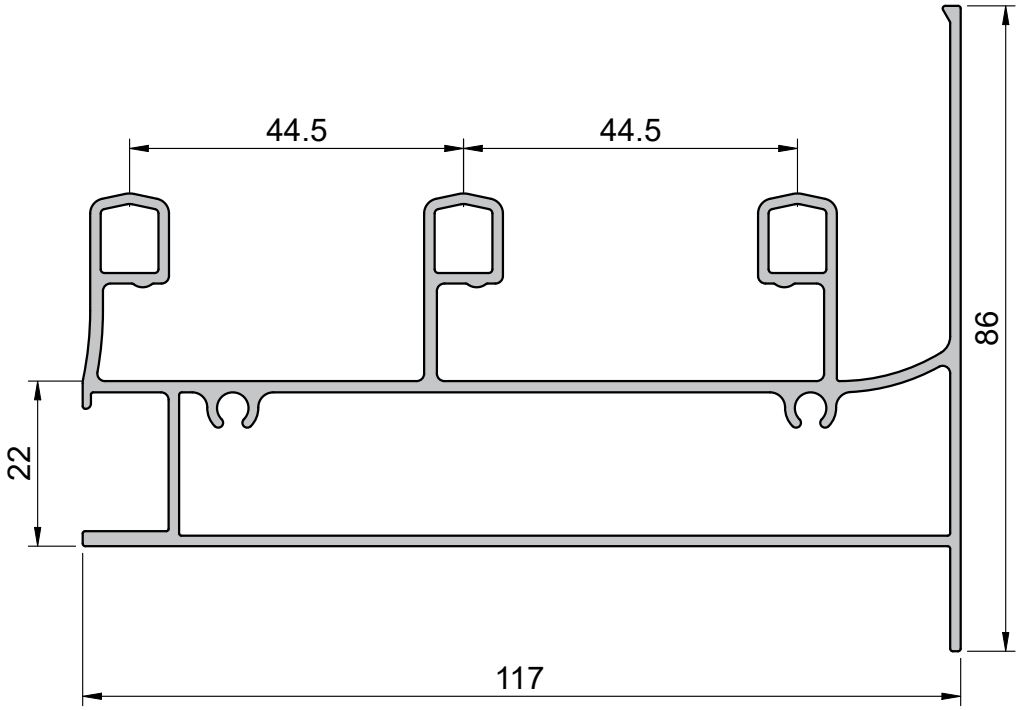
RE-01104	Travessa Superior 2 Planos
	1,486 Kg/m
Jy = 448.817 mm^4 | Wy = 8.334 mm^3	



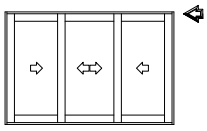


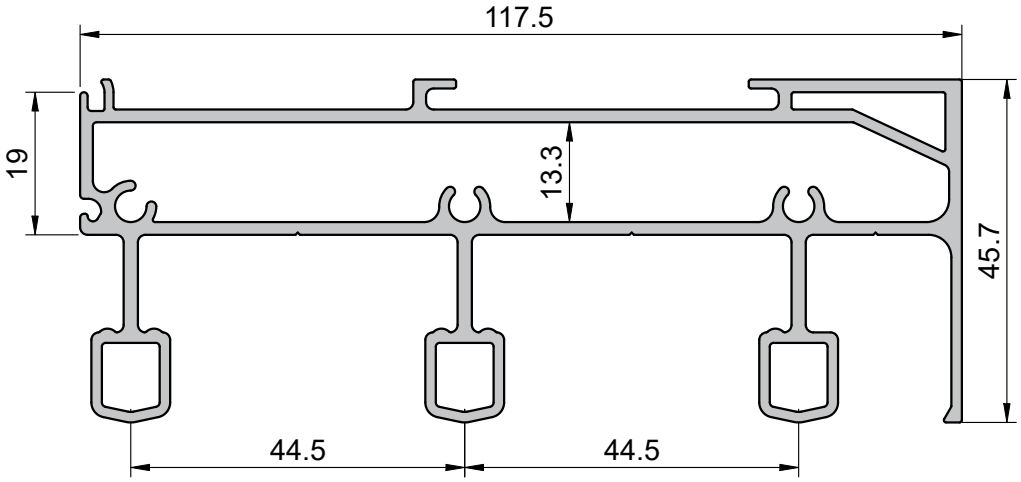
RE-01003	Travessa Inferior 3 Planos
	2,048 Kg/m
Jy = 1.240.309 mm^4 | Wy = 19.723 mm^3	



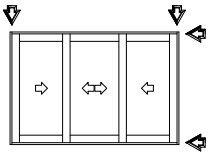


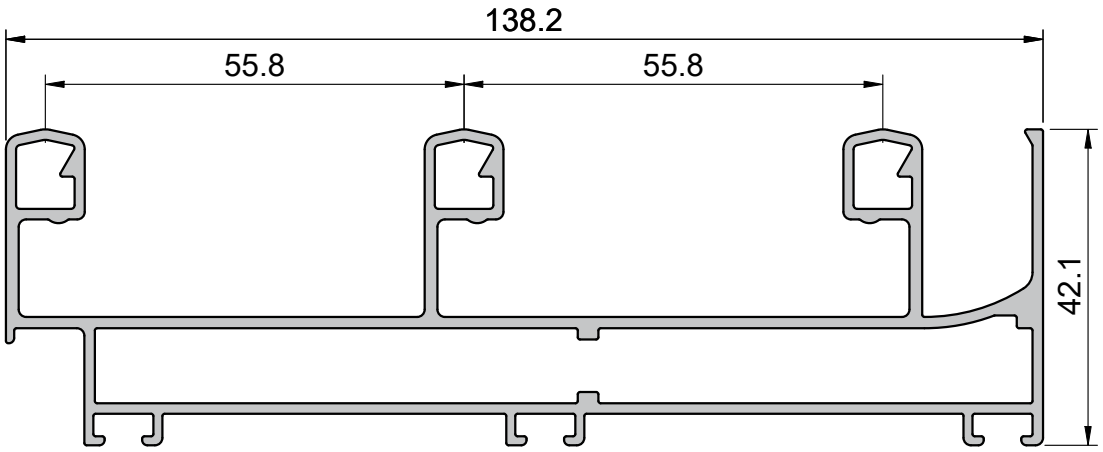
RE-33501	Trilho Inf./Sup. 3 Multiplanos
	2,286 Kg/m



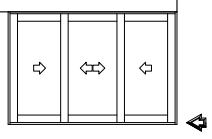


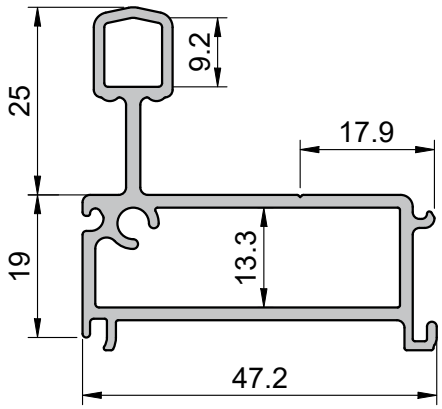
RE-01607	Marco 3 Planos Vidro Colado
	2,027 Kg/m



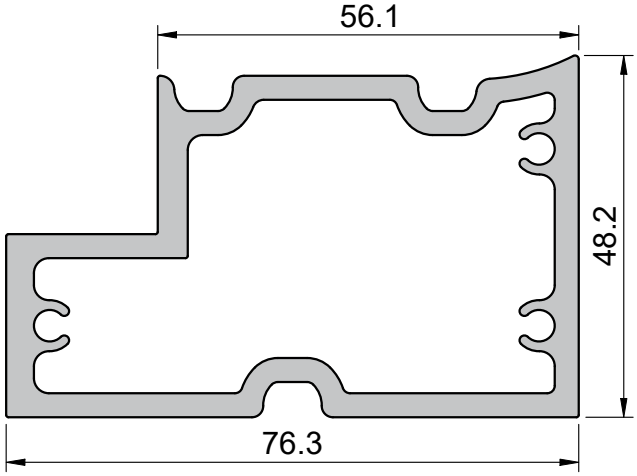


RE-33502	Trilho Inf./Sup. 1 Multiplanos
	0,840 Kg/m

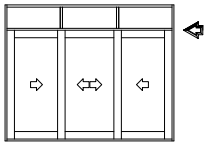


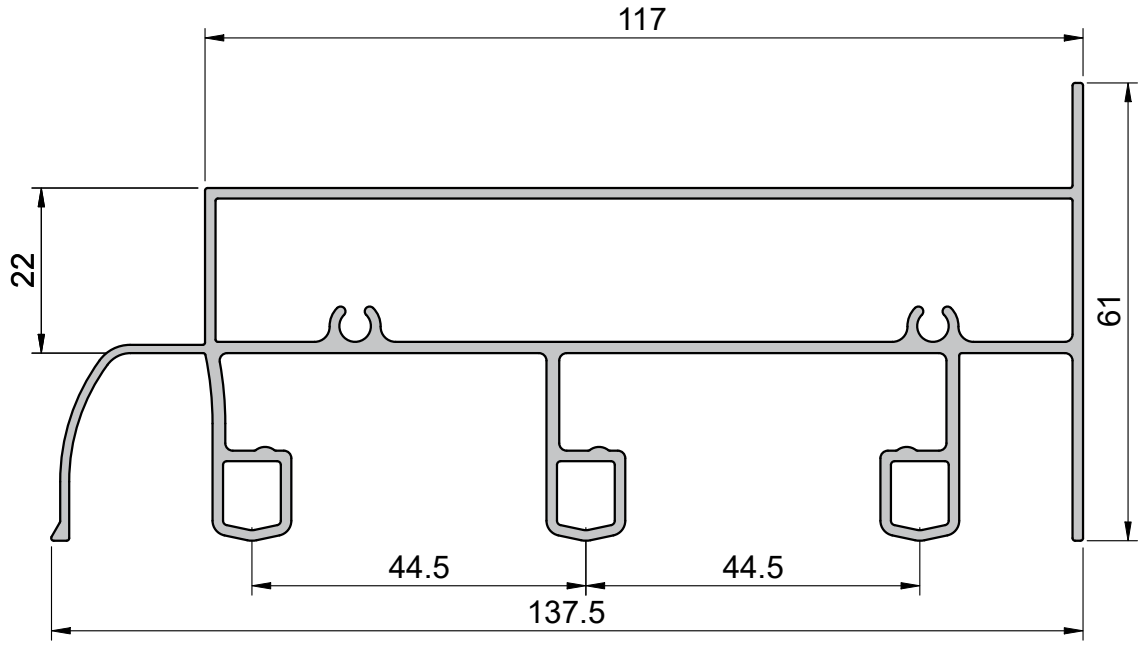


RE-33105	Luva
	2,329 Kg/m
Jy = 580.271 mm^4 | Wy = 14.363 mm^3	

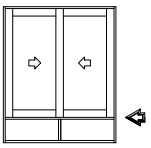


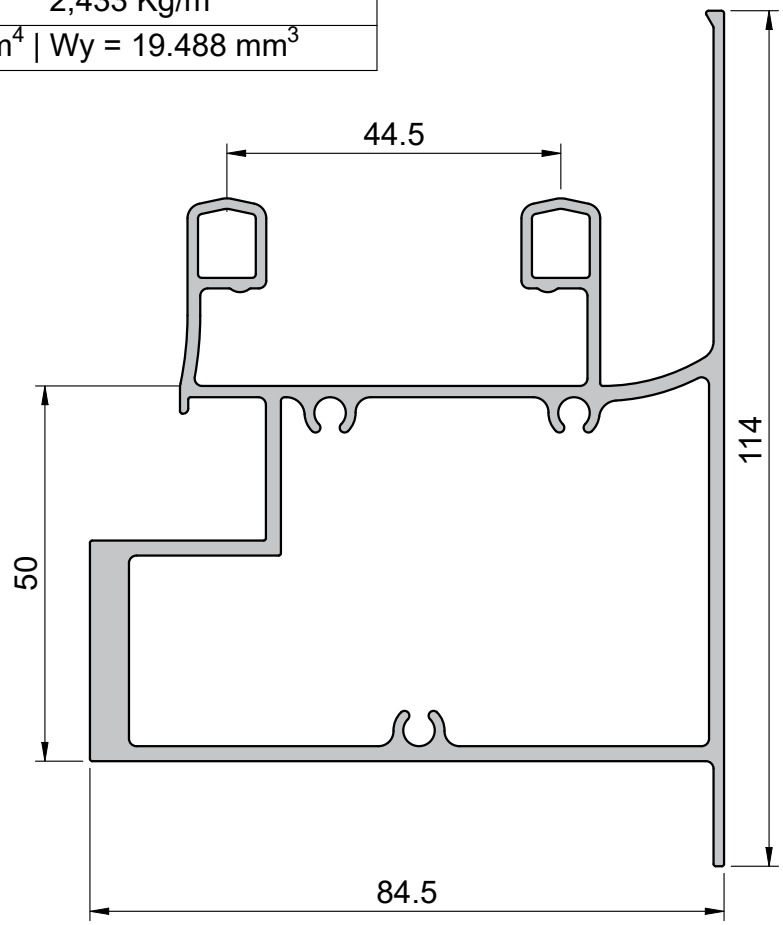
RE-01103	Travessa Superior 3 Planos
	2,041 Kg/m
Jy = 1.377.527 mm^4 | Wy = 18.083 mm^3	



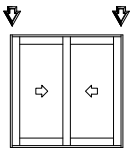


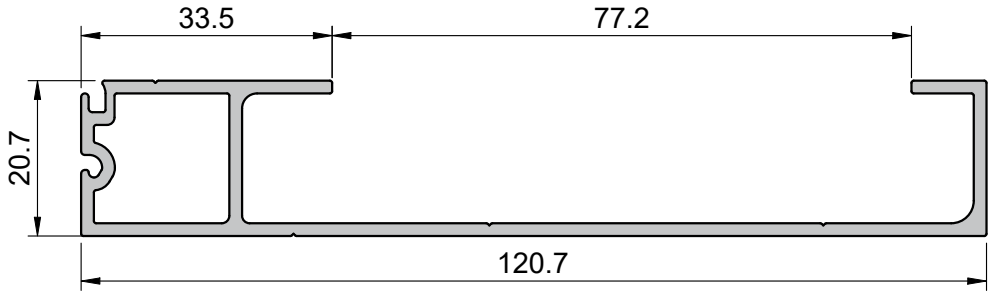
RE-33104	Travessa Inferior 2 Planos
	2,433 Kg/m
Jy = 848.534 mm^4 | Wy = 19.488 mm^3	



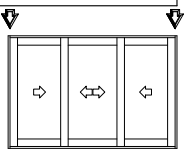


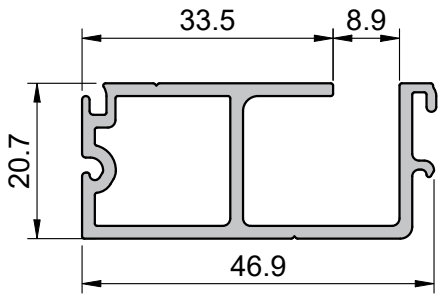
RE-33503	Marco Lateral 3 Multiplanos
	1,023 Kg/m



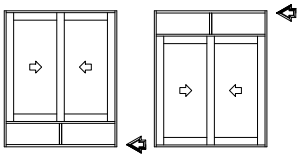


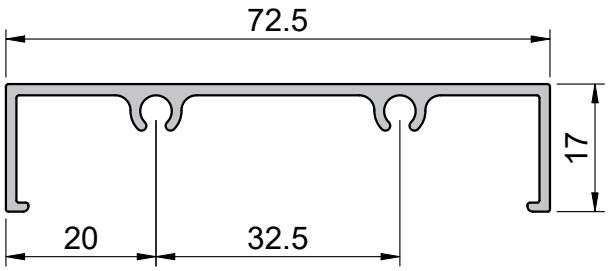
RE-33504	Marco Lateral Multiplanos
	0,656 Kg/m



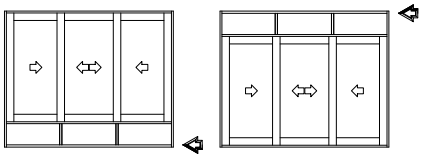


RE-01304	Marco Inf./Sup. 2 Planos
	0,509 Kg/m

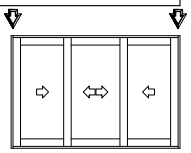


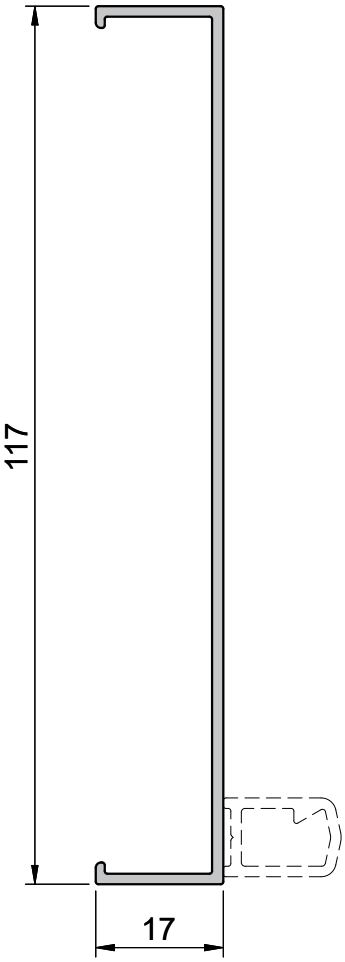


RE-01303	Marco Superior / Inferior 3 Planos
	0,689 Kg/m

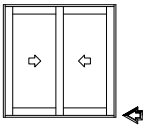


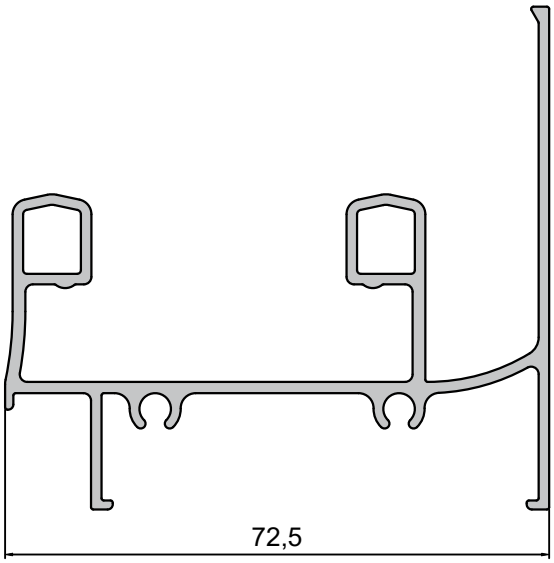
RE-01302	Marco Lateral 3 Planos
	0,602 Kg/m



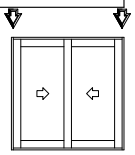


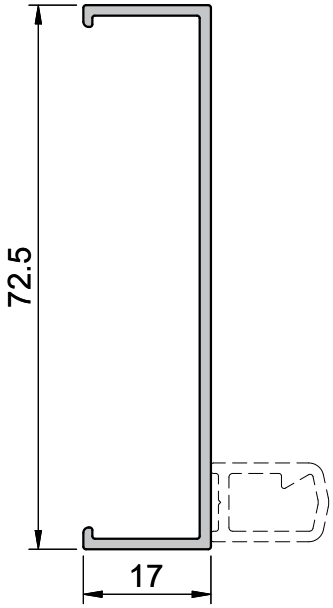
RE-01001	Travessa Inferior 2 Planos
	1,122 Kg/m



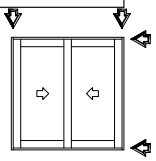


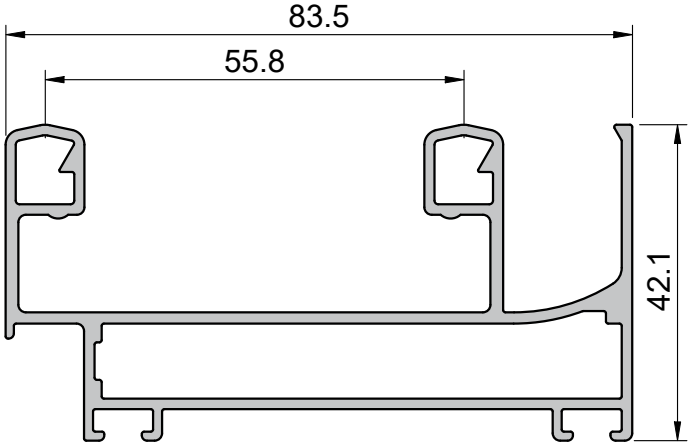
RE-01301	Marco Lateral 2 Planos
	0,421 Kg/m



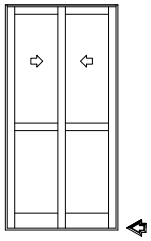


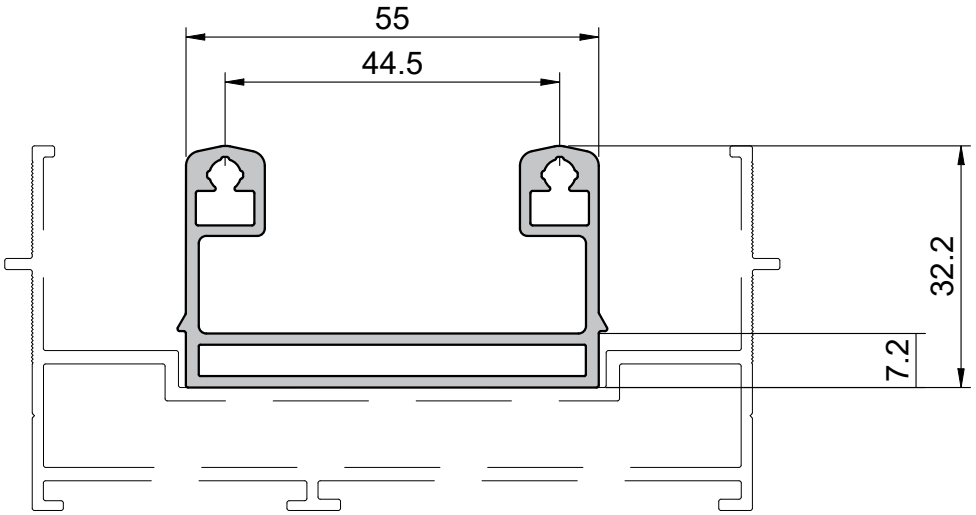
RE-01605	Marco 2 Planos Vidro Colado
	1,339 Kg/m



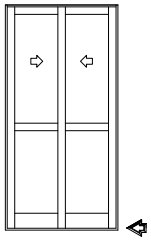


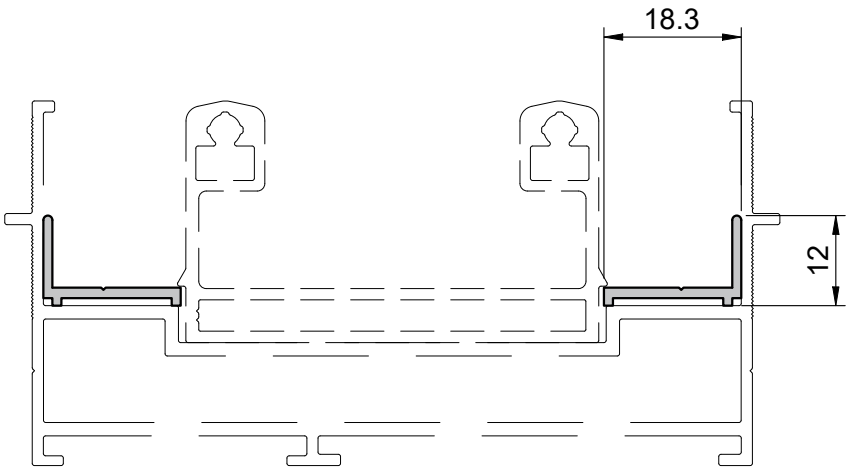
CX-3615	Trilho Imbutido 2 Planos
	0,993 Kg/m



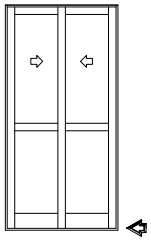


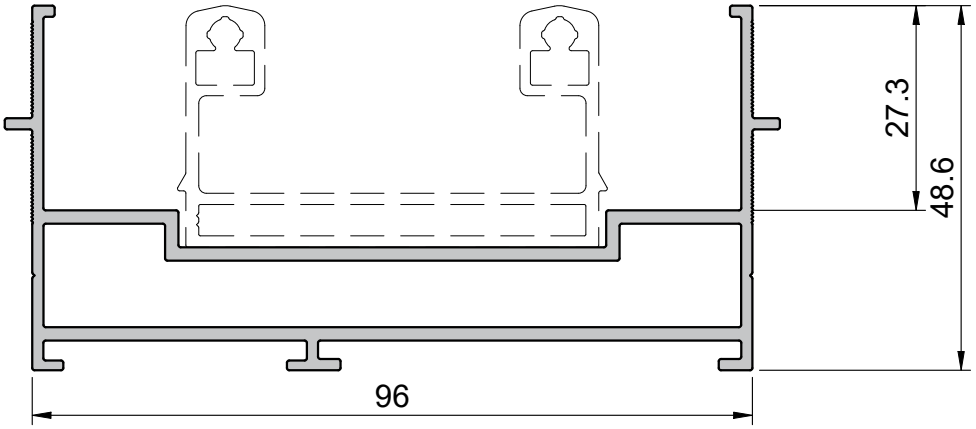
MP-073	Arremate Trilho Imbutido
	0,106 Kg/m



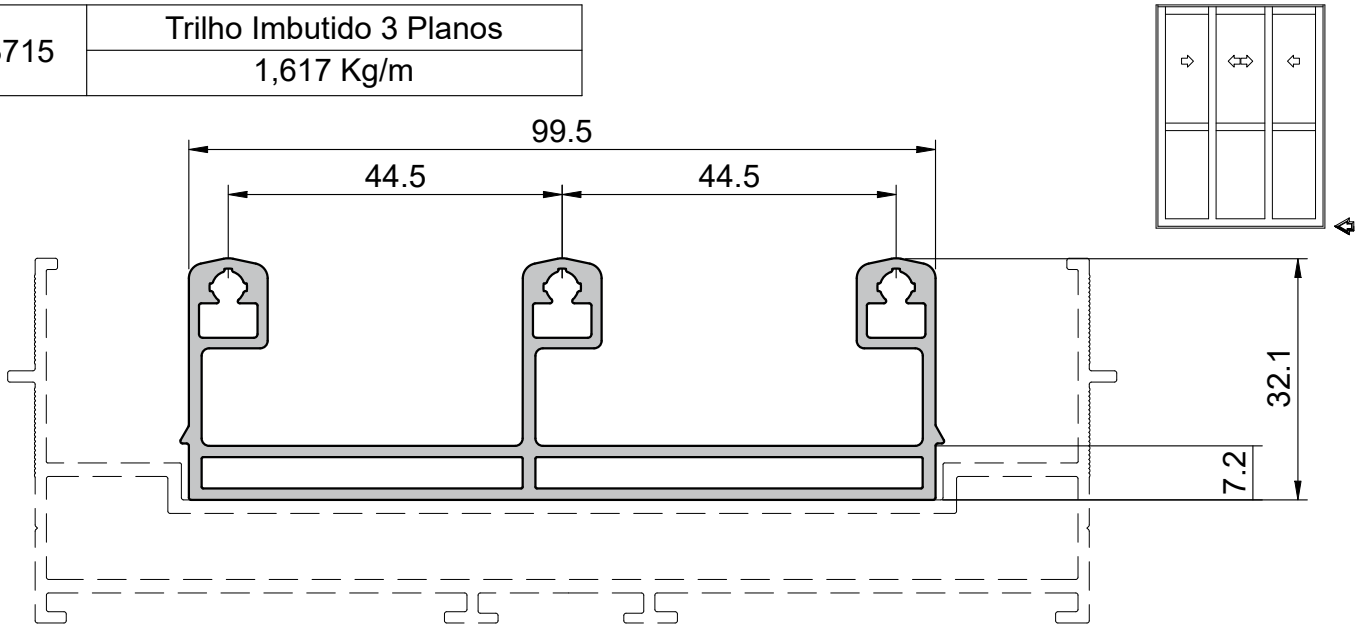


CX-3617	Contarmarco Imbutido 2 Planos
	1,437 Kg/m

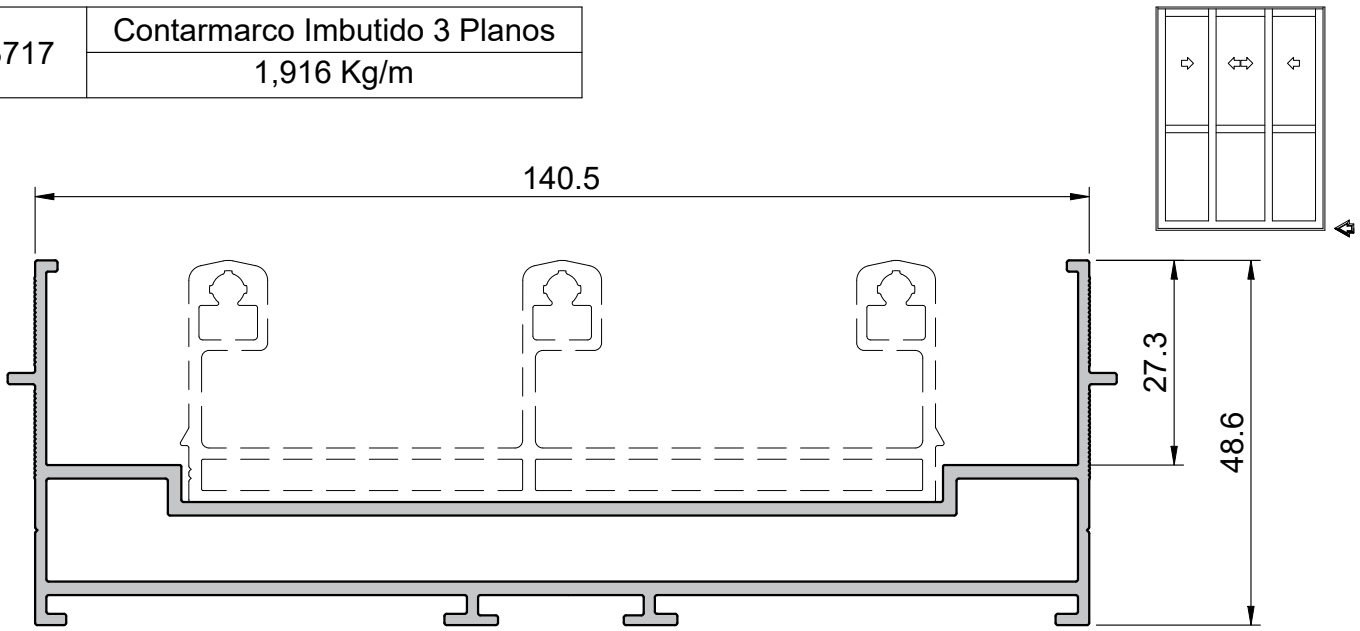




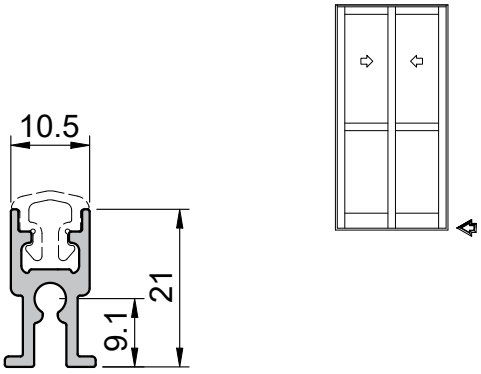
CX-3715	Trilho Imbutido 3 Planos
	1,617 Kg/m



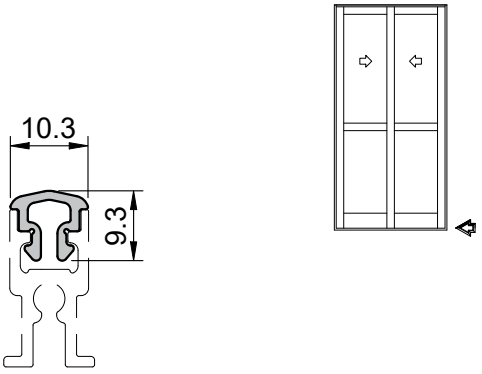
CX-3717	Contarmarco Imbutido 3 Planos
	1,916 Kg/m



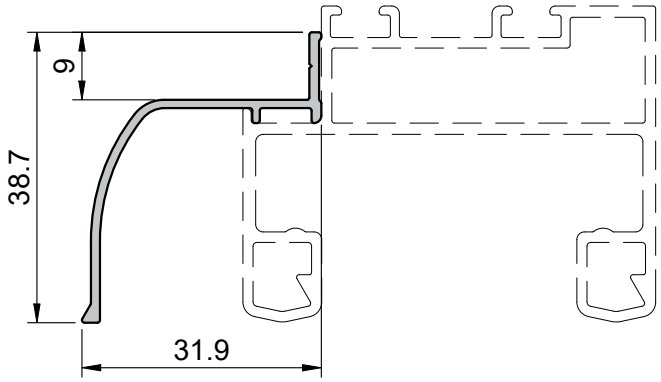
RE-78404	Trilho Inferior
	0,254 Kg/m



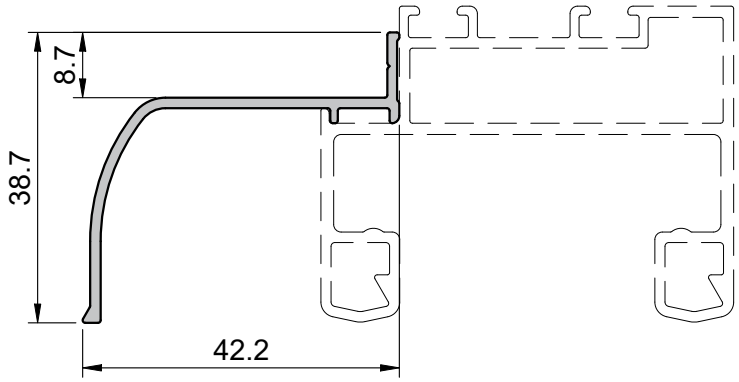
RE-78405	Trilho Inferior
	0,096 Kg/m



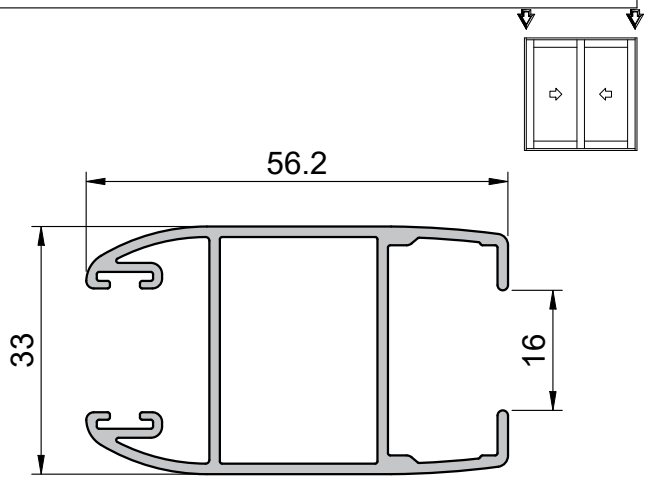
RE-72101	Pingadeira
	0,216 Kg/m



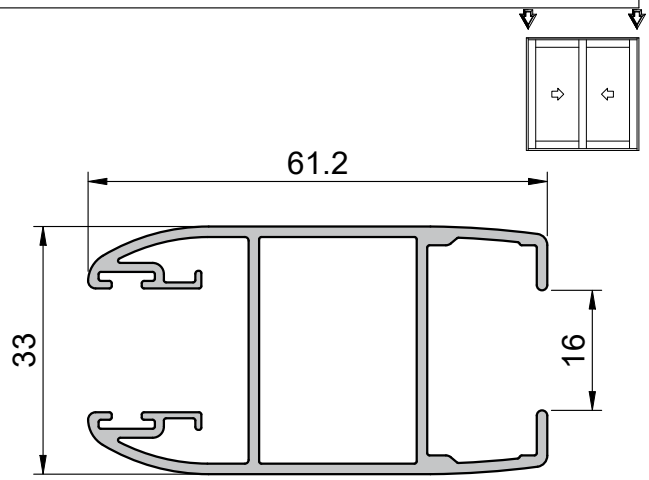
RE-72102	Pingadeira Para Vidro Colado
	0,289 Kg/m



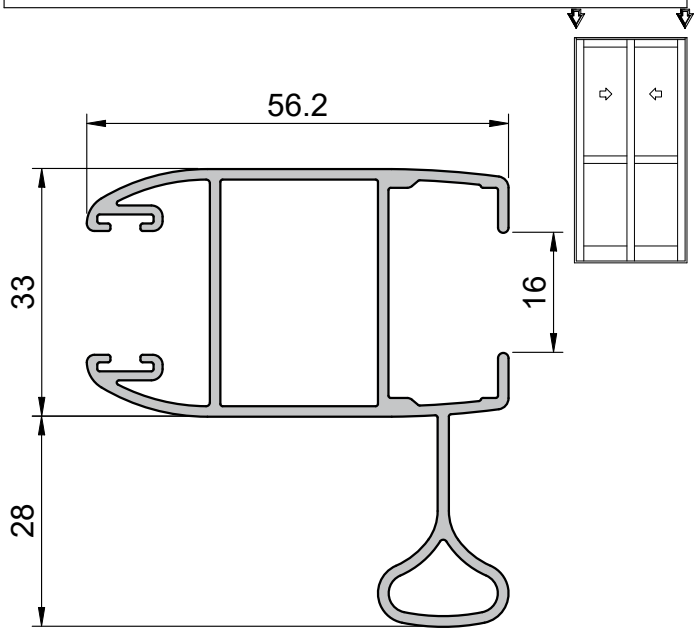
RE-40301	Montante Lateral / Central
	0,822 Kg/m
Jx = 50.788 mm^4 | Wy = 3.077 mm^3	



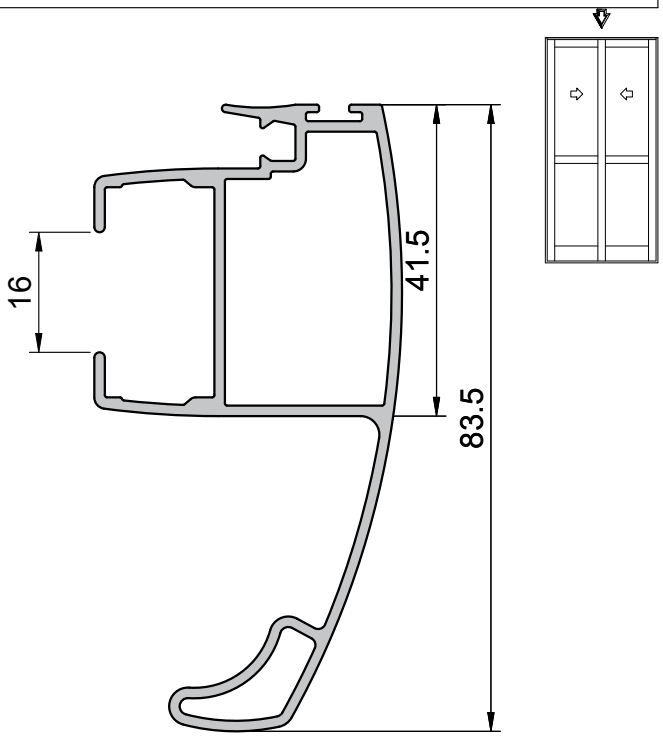
RE-33301	Montante Lateral/Central Cremona
	0,889 Kg/m
Jx = 55.101 mm^4 | Wy = 3.338 mm^3	



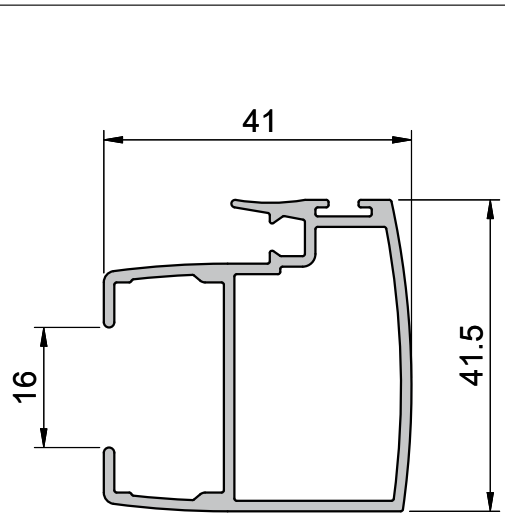
RE-40302	Montante Lateral / Central Ref.
	1,051 Kg/m
Jx = 136.364 mm^4 | Wx = 3.696 mm^3	



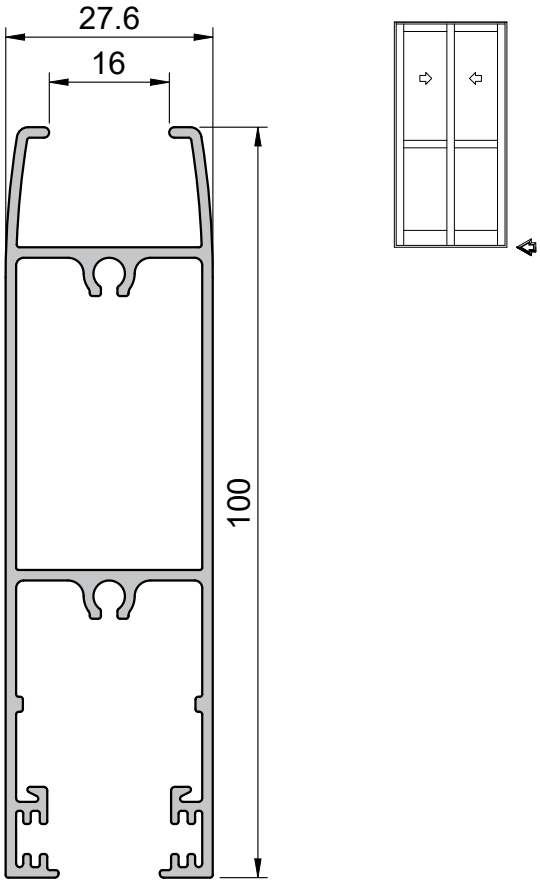
RE-40303	Montante Mão de Amigo Reforçado
	1,047 Kg/m
Jx = 270.877 mm^4 | Wx = 5.682 mm^3	



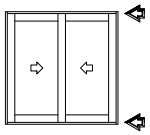
RE-40401	Montante Mão de Amigo
	0,722 Kg/m
Jx = 59.526 mm^4 | Wx = 2.859 mm^3	

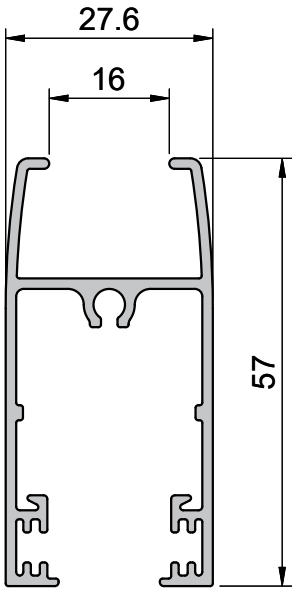


RE-20001	Travessa Inferior
	1,200 Kg/m

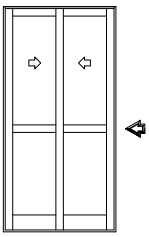


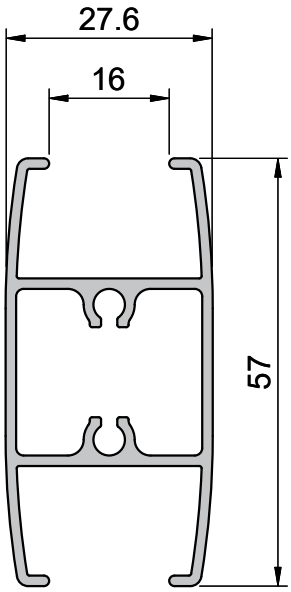
RE-20201	Travessa Superior / Inferior
	0,730 Kg/m



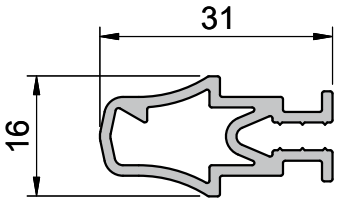


RE-30001	Travessa
	0,767 Kg/m

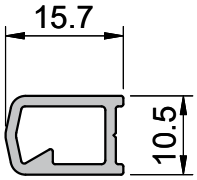




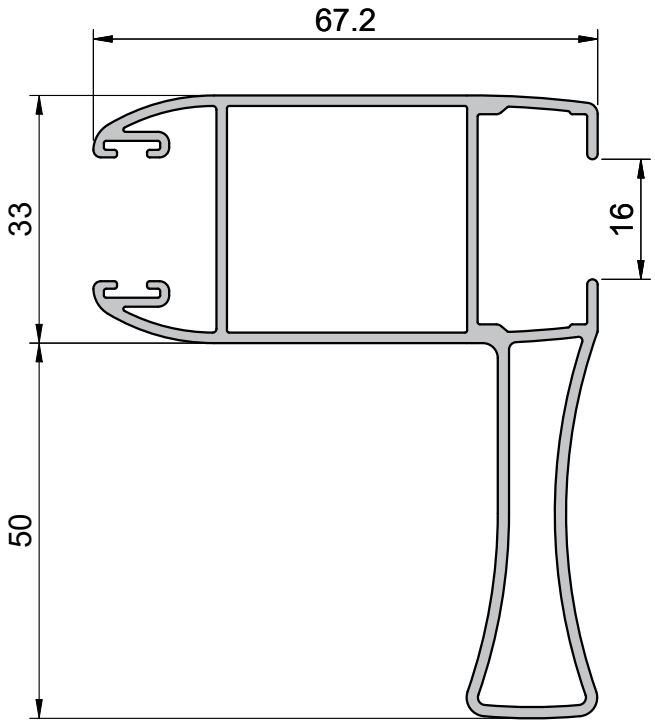
RE-78401	Mata Junta Central
	0,380 Kg/m



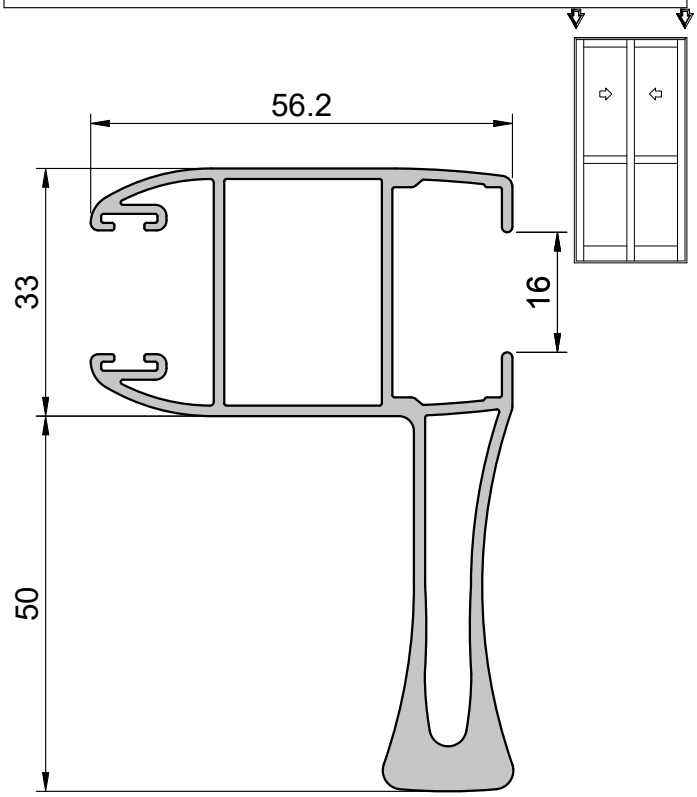
RE-78301	Mata Junta
	0,180 Kg/m



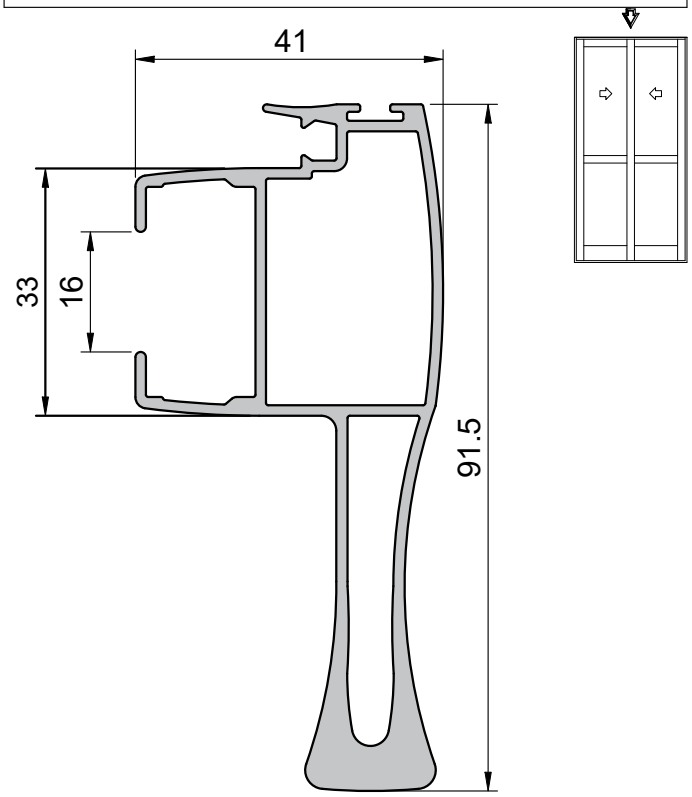
RE-40307	Montante Lateral / Central Ref.
	1,376 Kg/m
Jx = 320.212 mm^4 | Wx = 6.210 mm^3	



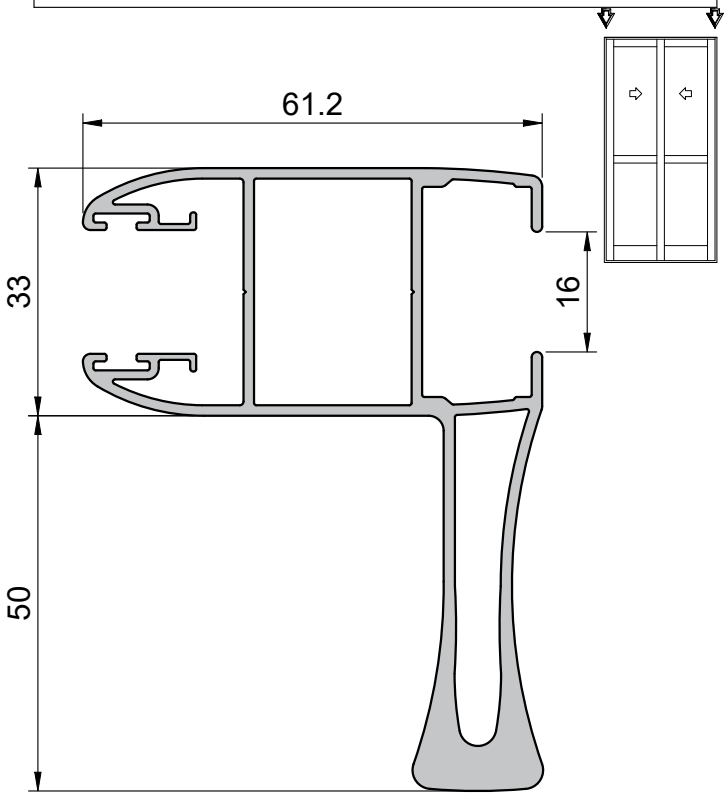
RE-40308	Montante Lateral / Central Ref.
	1,600 Kg/m
Jx = 479.913 mm^4 | Wx = 11.358 mm^3	



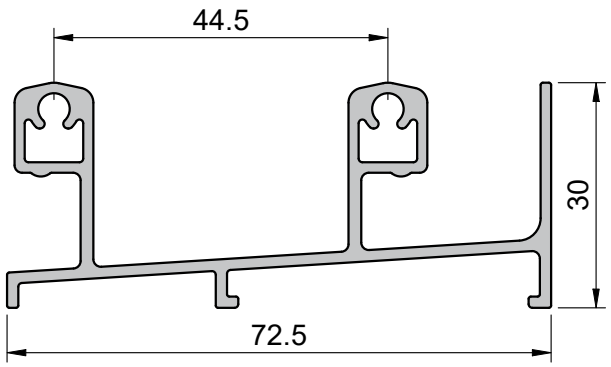
RE-40408	Montante Mão de Amigo Reforçado
	1,494 Kg/m
Jx = 525.327 mm^4 | Wx = 10.746 mm^3	



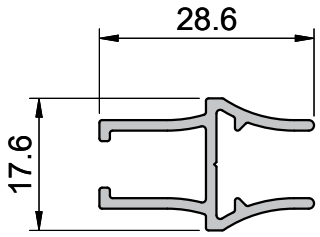
RE-33308	Montante Lat./Cent. Cremona Ref.
	1.667 Kg/m
Jx = 498.247 mm^4 | Wx = 11.524 mm^3	



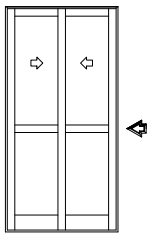
RE-33013	Trilho Inf. 2 Planos
	0,926 Kg/m

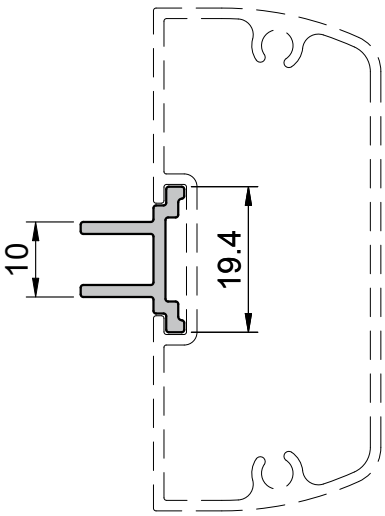


RE-78403	Mata Junta Central Vidro Colado
	0,297 Kg/m

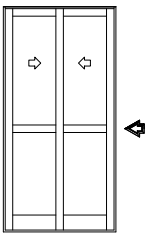


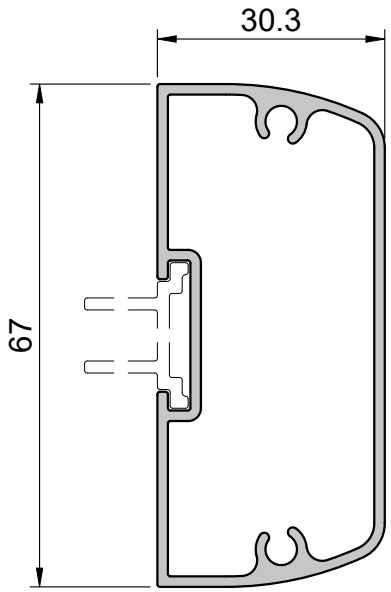
RE-82401	Apoio de Vidro Vidro Colado
	0,189 Kg/m



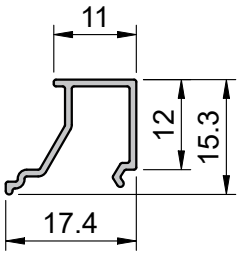


RE-20401	Travessa Folha Vidro Colado
	0,848 Kg/m

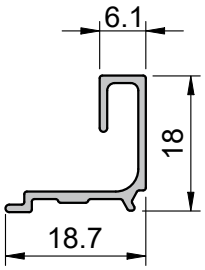




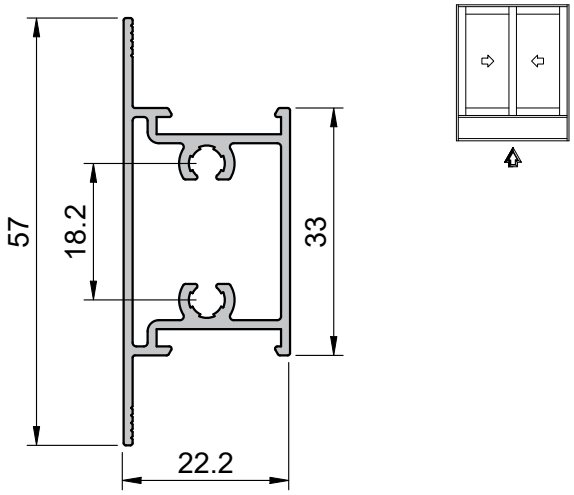
U-1230	Baguete
	0,114 Kg/m



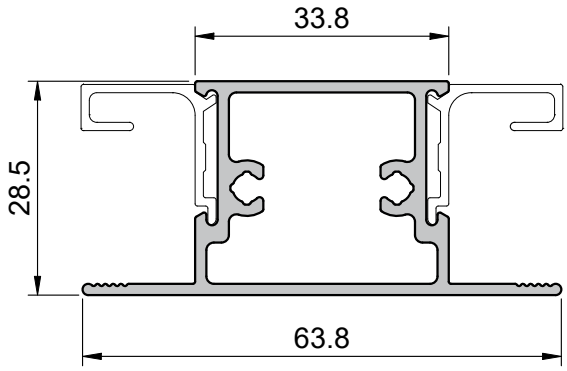
ALG-3027	Baguete
	0,168 Kg/m



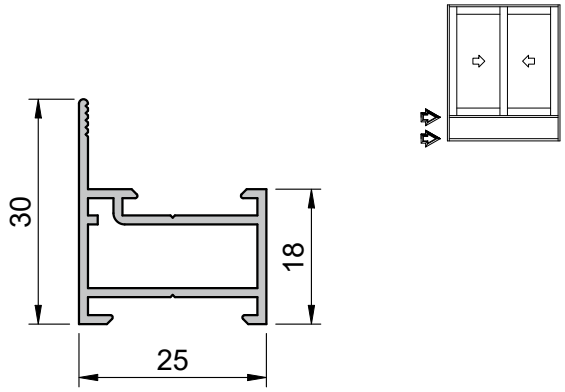
P-633	Travessa Intermediária
	0,550 Kg/m



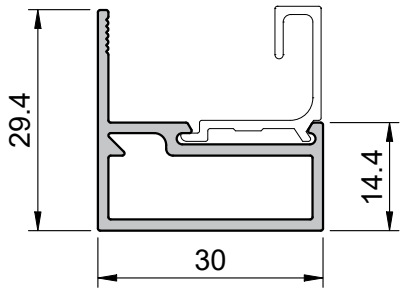
ALG-3317	Travessa Fixa
	0,650 Kg/m
Jx = 170.705 mm^4 | Wx = 5.368 mm^3	



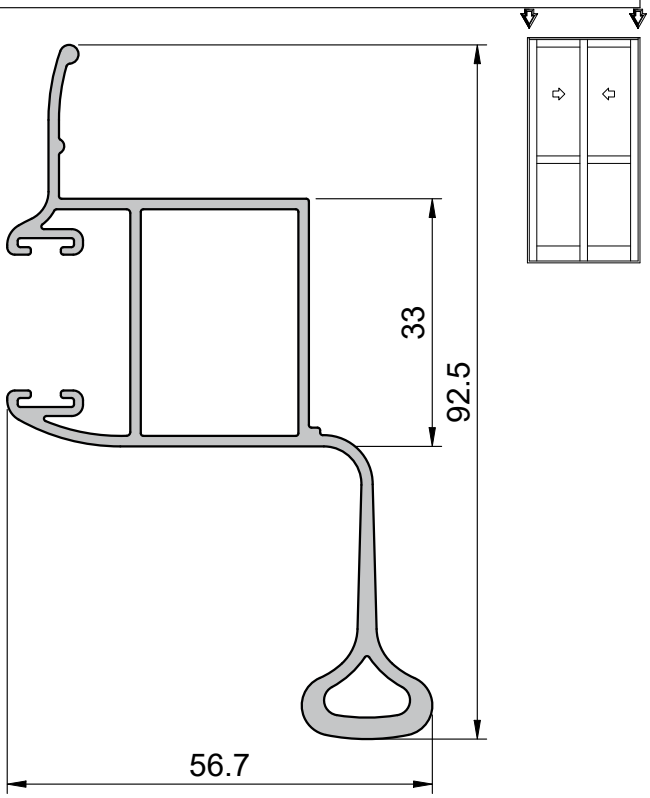
P-639	Folha
	0,343 Kg/m



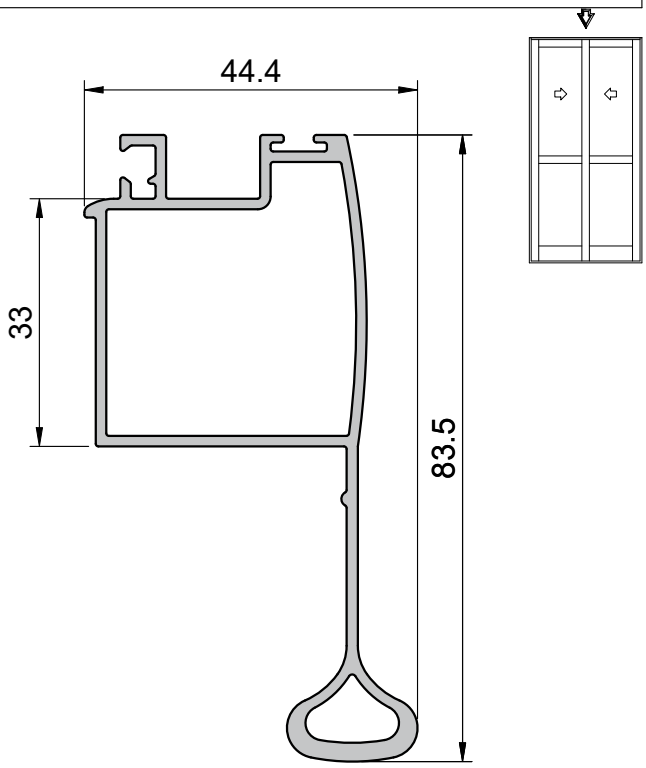
ALG-3071	Folha
	0,413 Kg/m



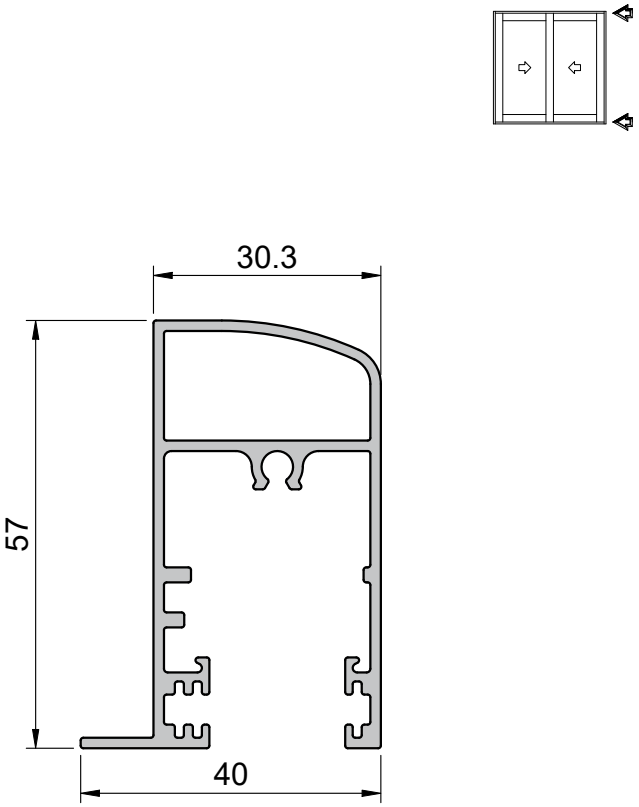
RE-40304	Mont. Lat./ Cent. Vidro Colado Ref.
	1,151 Kg/m
Jx = 287.614 mm^4 | Wx = 5.691 mm^3	



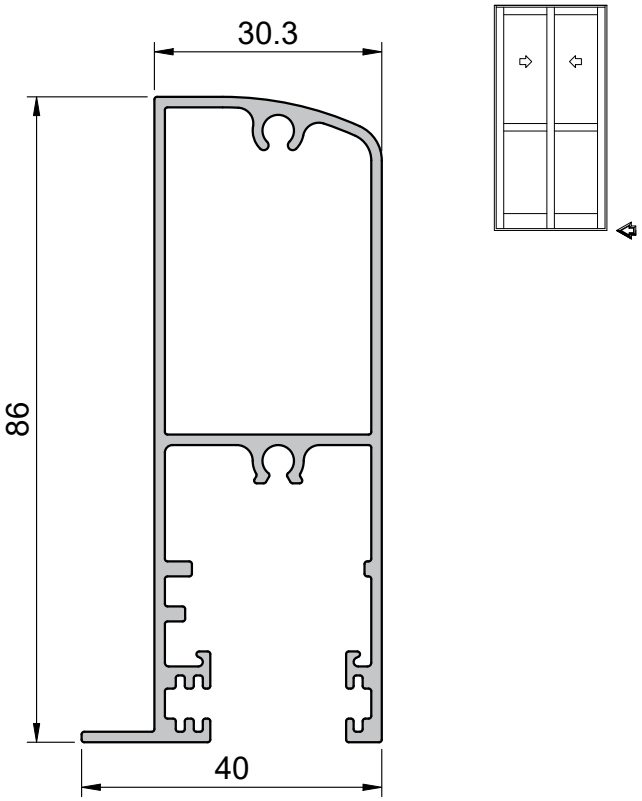
RE-40403	Mont. Mão de A. Vidro Colado Ref.
	0,973 Kg/m
Jx = 279.674 mm^4 | Wx = 6.198 mm^3	



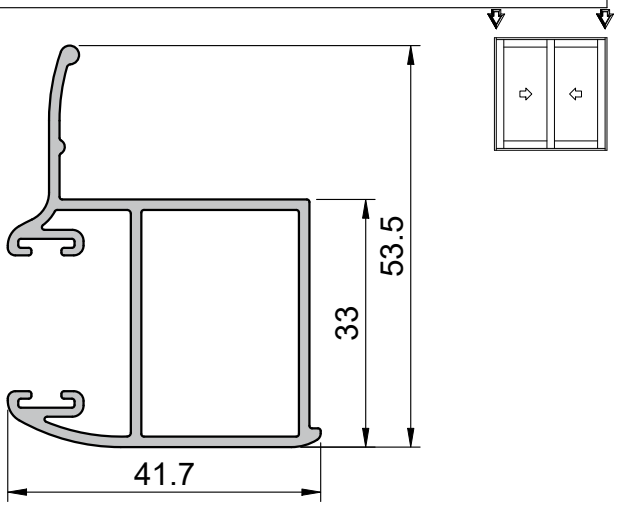
RE-20202	Travessa Superior Vidro Colado
	0,884 Kg/m



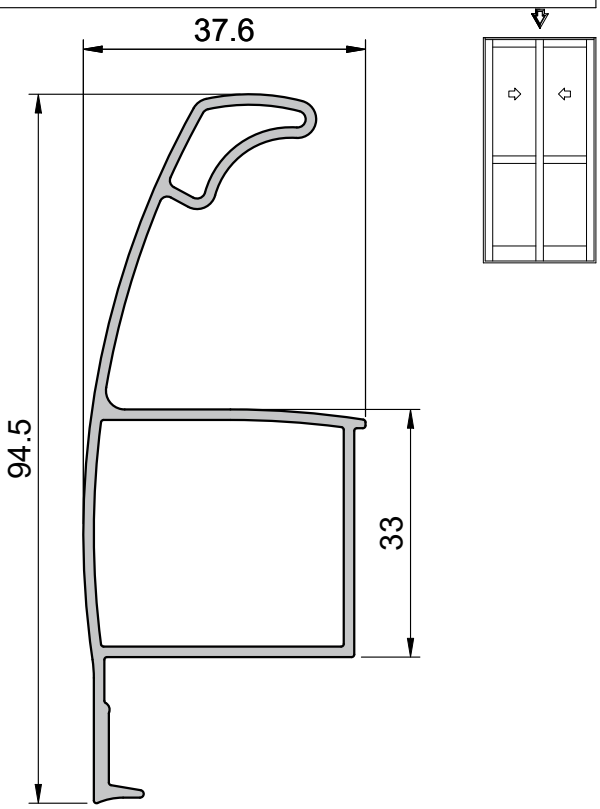
RE-20002	Travessa Inferior Vidro Colado
	1,155 Kg/m



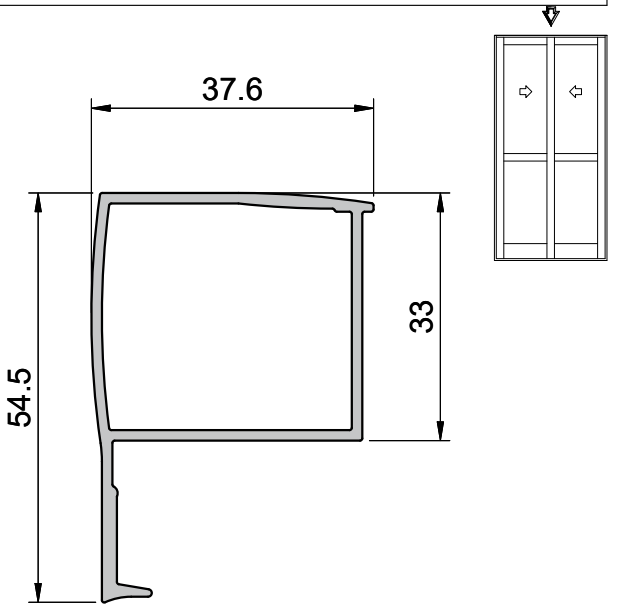
RE-40305	Montante Lat./Cent. Vidro Colado
	0,727 Kg/m
Jx = 60.291 mm^4 | Wx = 1.785 mm^3	



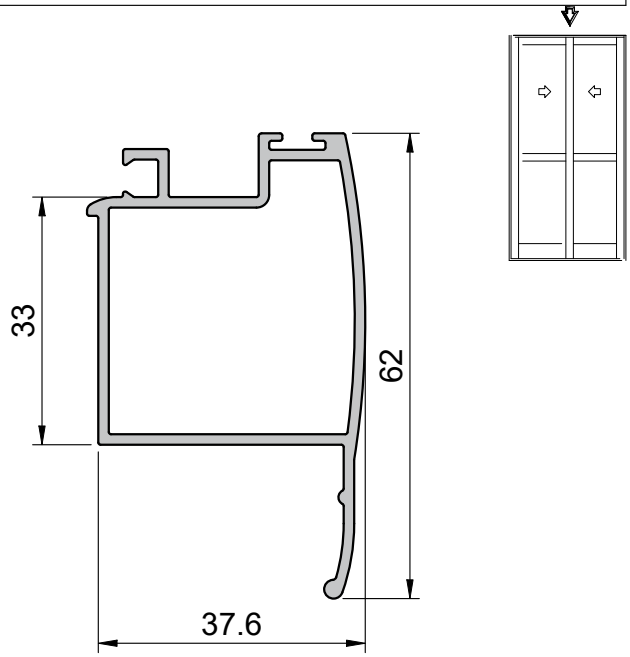
RE-40402	Mont. Mão de A. Vidro Colado Ref.
	0,944 Kg/m
Jx = 277.381 mm^4 | Wx = 5.602 mm^3	



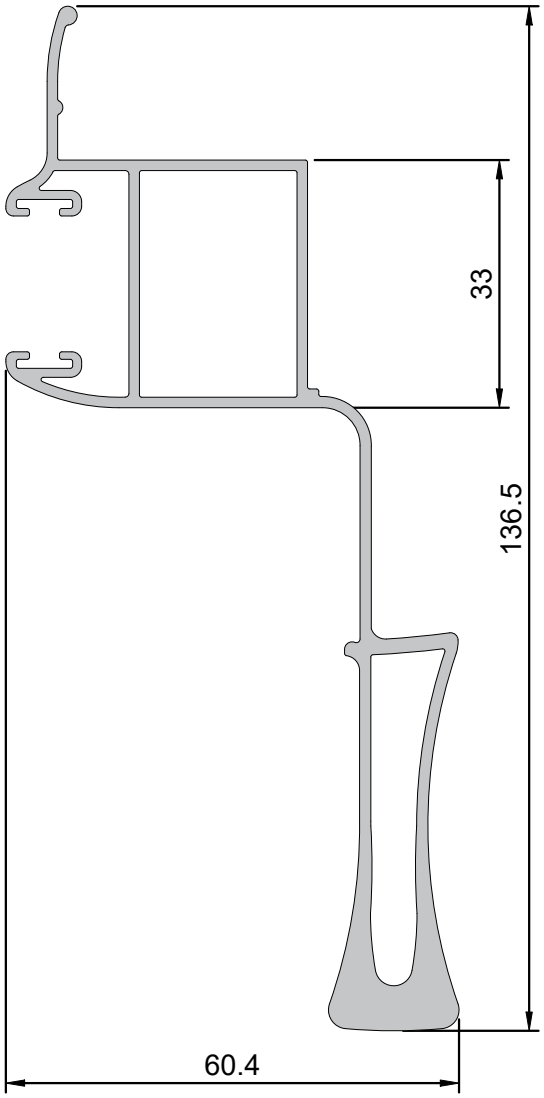
RE-40404	Montante Mão de A. Vidro Colado
	0,707 Kg/m
Jx = 79.968 mm^4 | Wx = 2.116 mm^3	



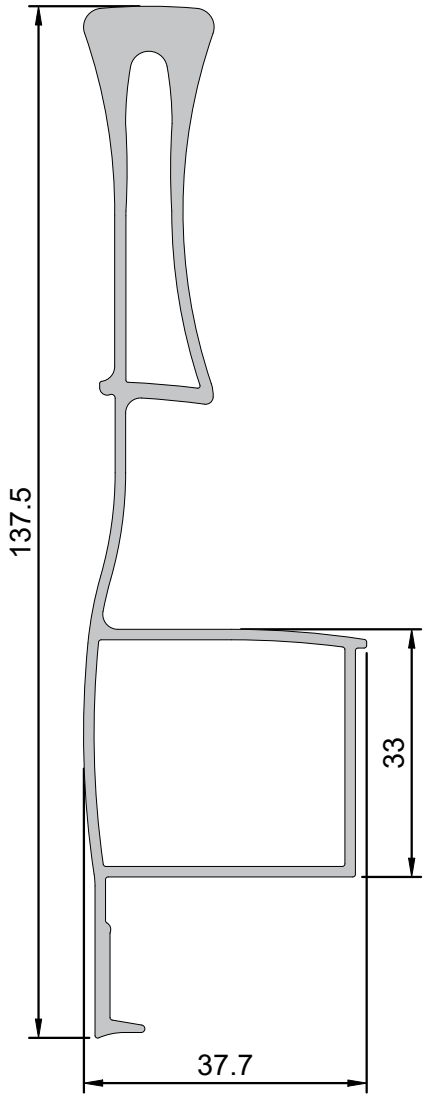
RE-40405	Montante Mão de A. Vidro Colado
	0,620 Kg/m
Jx = 63.990 mm^4 | Wx = 1.974 mm^3	



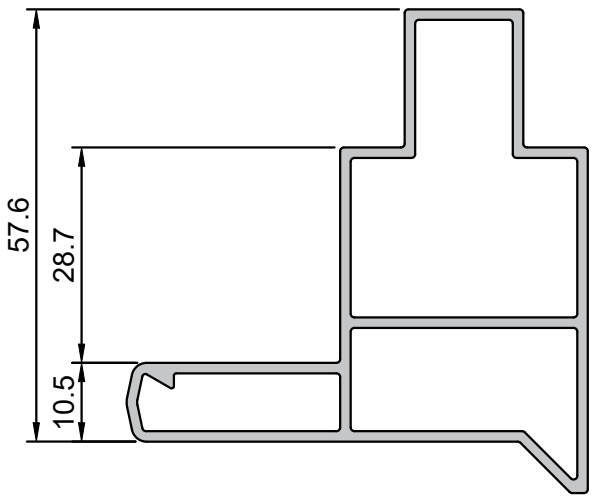
RE-40306	Mont. Lat./ Cent. Vidro Colado Ref.
	1,734 Kg/m
Jx = 1.165.110 mm^4 | Wx = 14.023 mm^3	



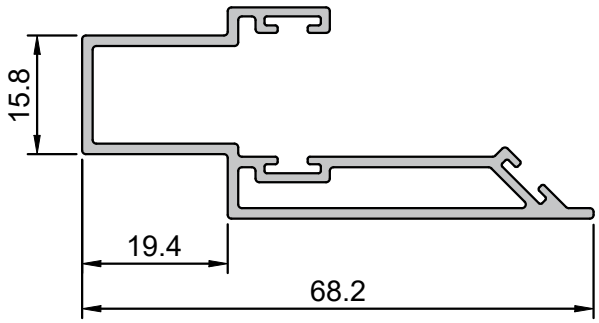
RE-40406	Mont. Mão de A. Vidro Colado Ref.
	1,601 Kg/m
Jx = 1.165.110 mm^4 | Wx = 15.014 mm^3	



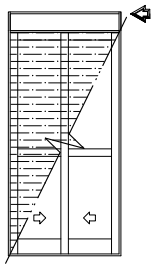
RE-40309	Mata Junta Canto 90 Graus
	1,067 Kg/m

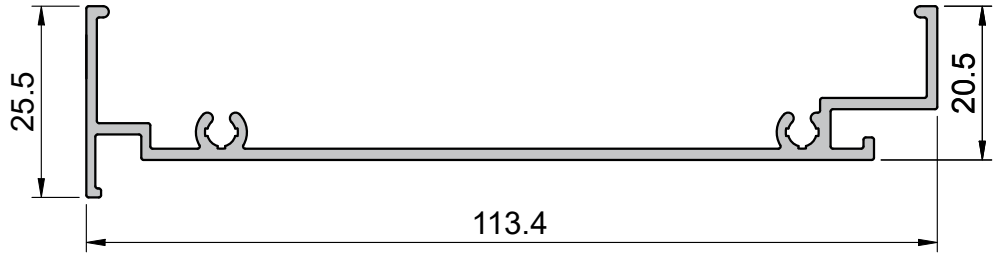


RE-40310	Mata Junta Canto 90 Graus
	0,700 Kg/m

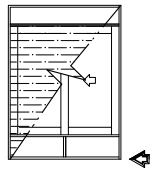


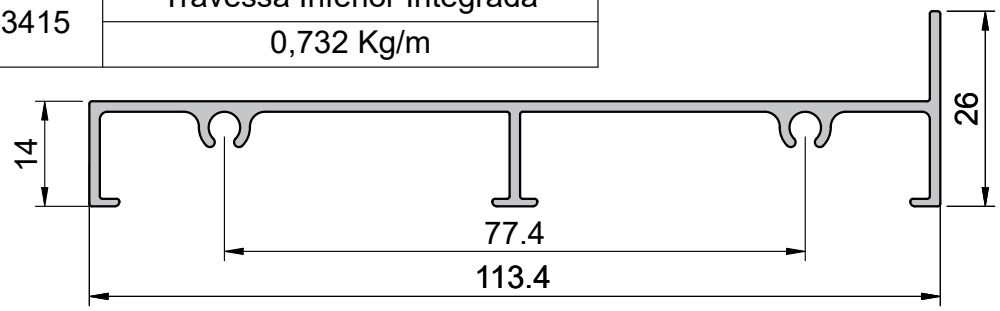
ALG-1001	Marco Superior Integrada
	0,747 Kg/m



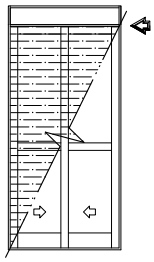


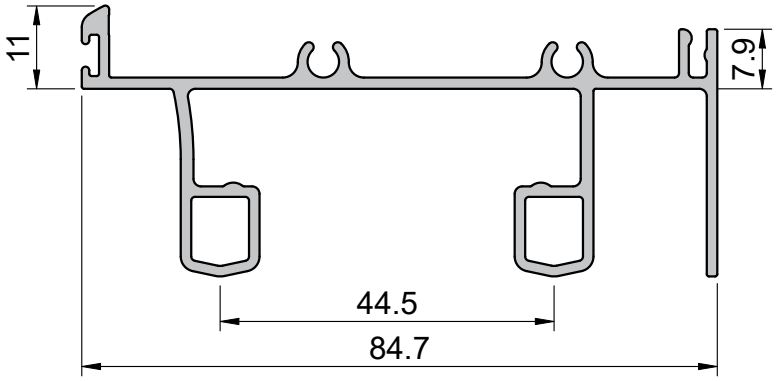
CX-3415	Travessa Inferior Integrada
	0,732 Kg/m



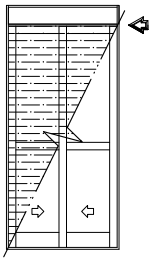


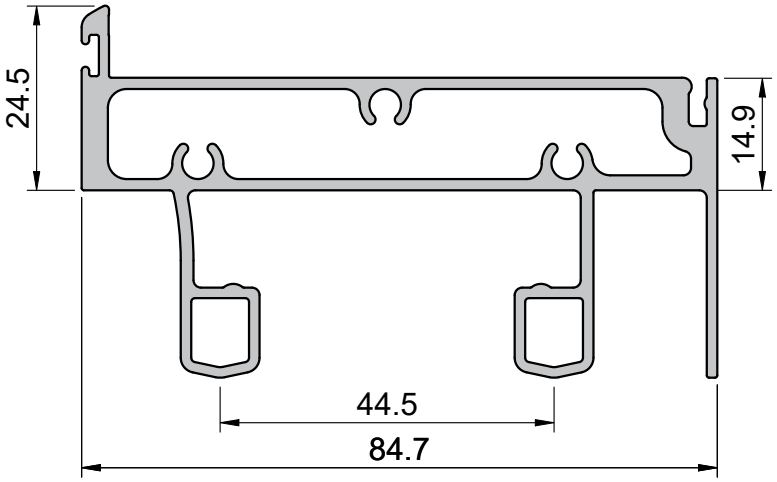
RE-01201	Travessa Intermediária Integrada
	1,043 Kg/m
Jy = 293.632 mm^4 | Wy = 6.441 mm^3	



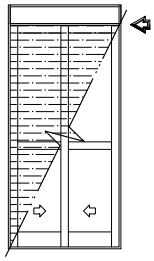


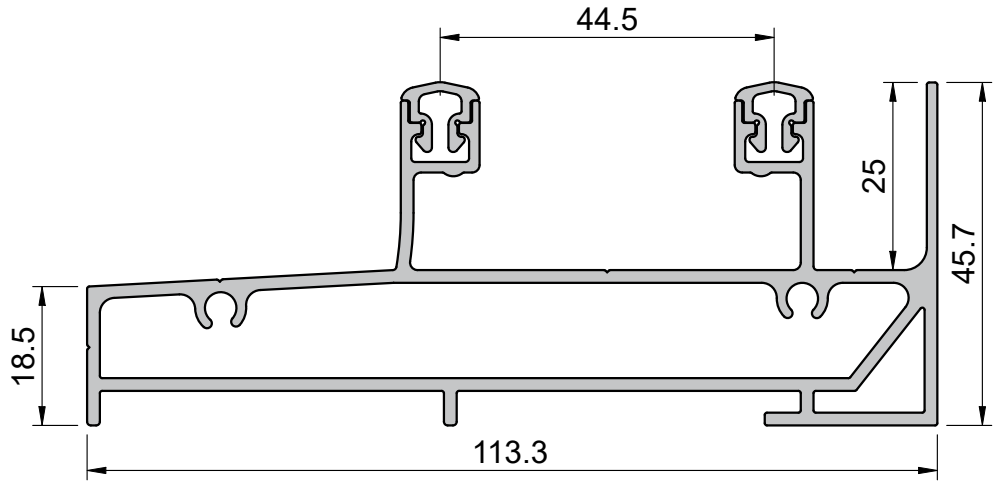
RE-01202	Travessa Intermediária Integrada
	1,676 Kg/m
Jy = 521.075 mm^4 | Wy = 11.909 mm^3	



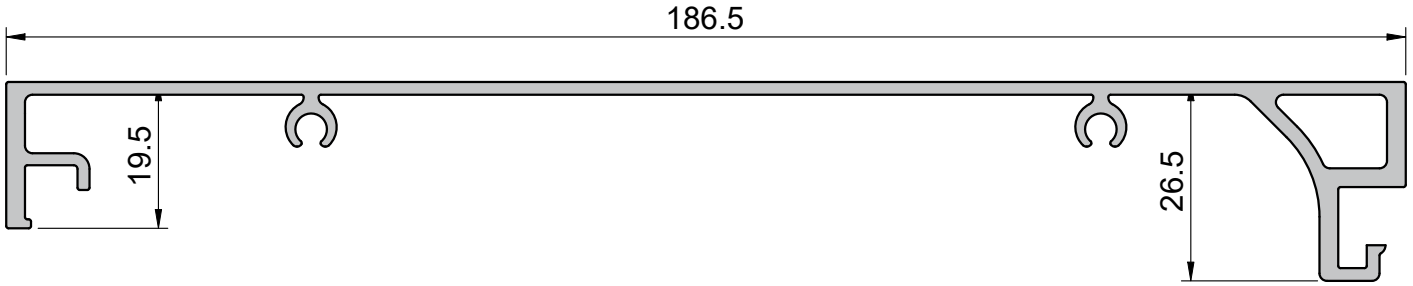


RE-01203	Trilho Inferior Integrada 2 Planos
	1,893 Kg/m

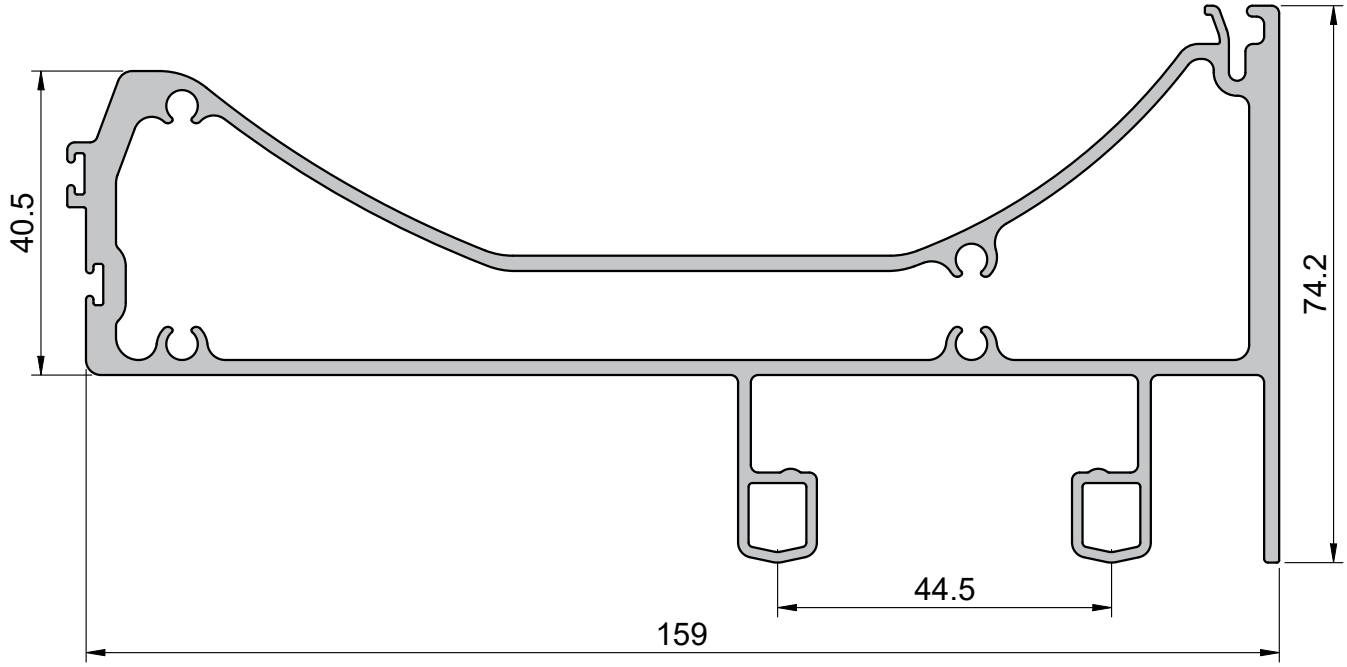




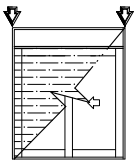
RE-44201	Marco Superior integrada 2 Planos
	1,500 Kg/m

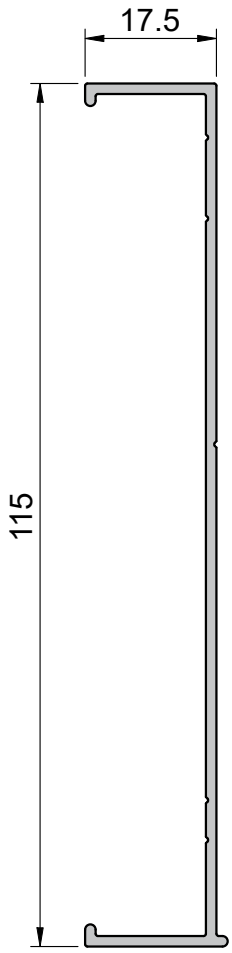


RE-33202	Travessa Intermediária Integrada
	3,449 Kg/m
Jy = 4.168.657 mm^4 | Wy = 45.936 mm^3	

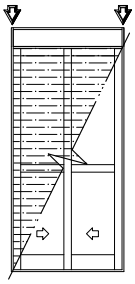


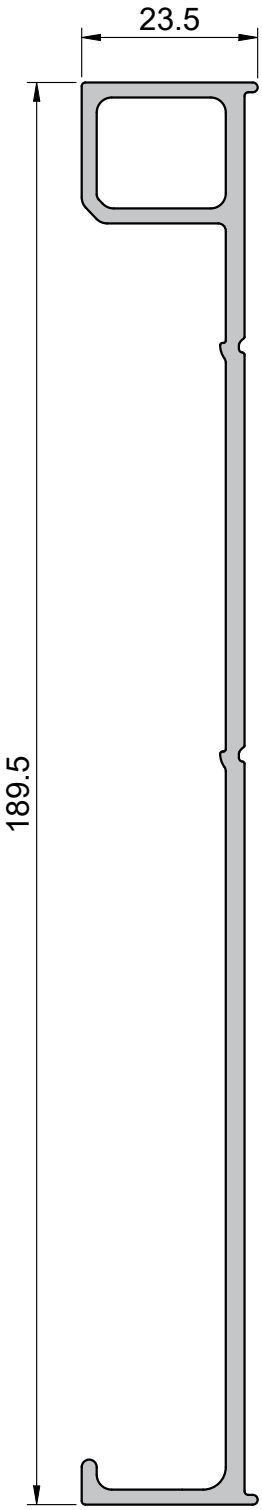
ALG-1000	Marco Lateral Integrada
	0,573 Kg/m



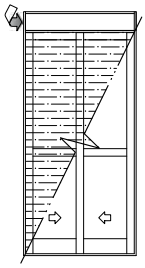


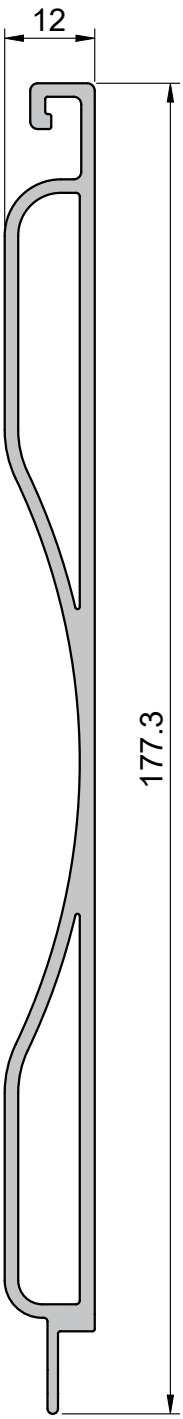
RE-44200	Marco Lateral Integrada
	1,727 Kg/m



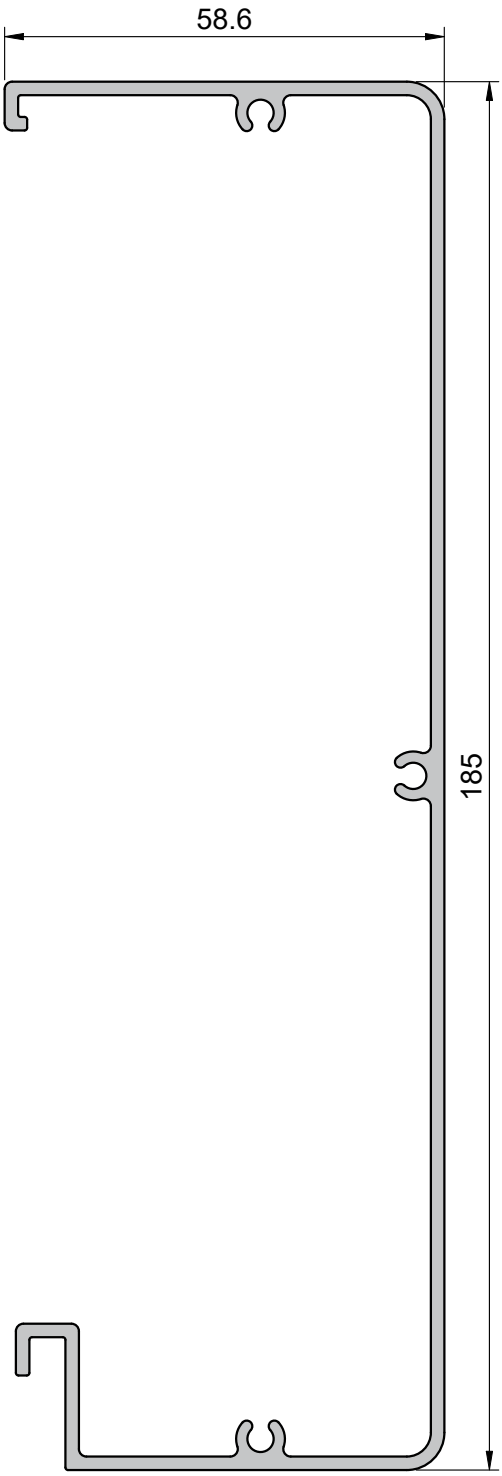


RE-44203	Tampa Interna Integrada
	1,716 Kg/m

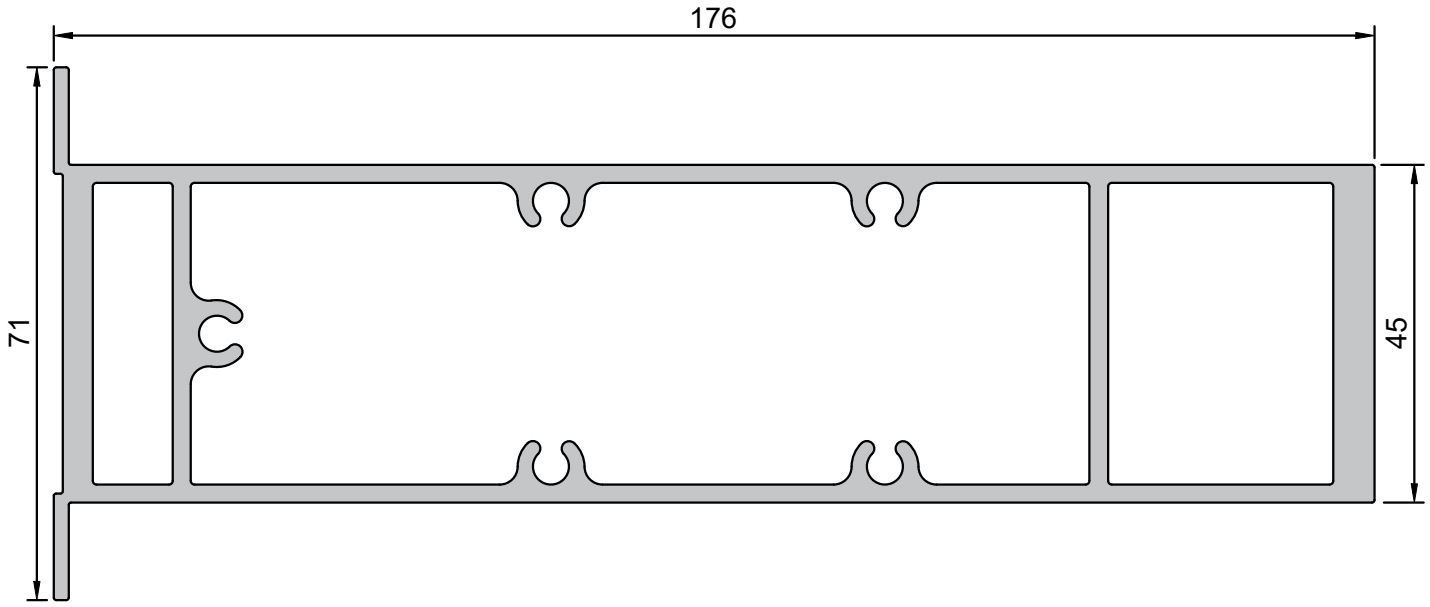




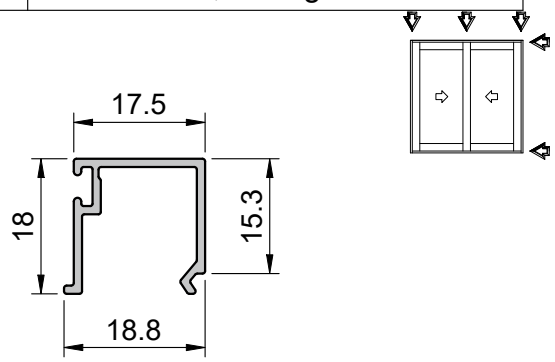
ALG-230	Tampa Interna Integrada
	1,713 Kg/m



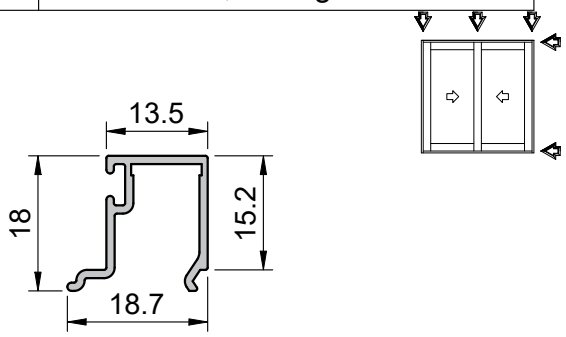
CX-3830	Travessa Reforçada
	4,407 Kg/m



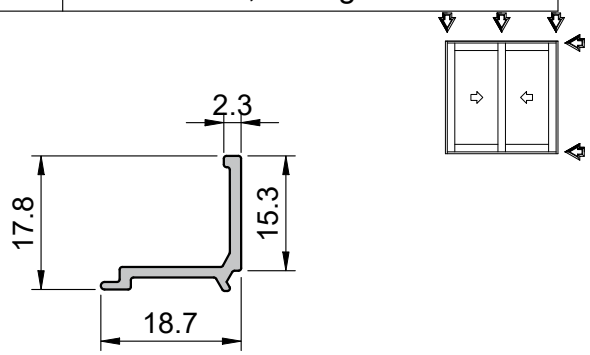
ALG-3328	Baguete
	0,173 Kg/m



CX-504	Baguete
	0,167 Kg/m

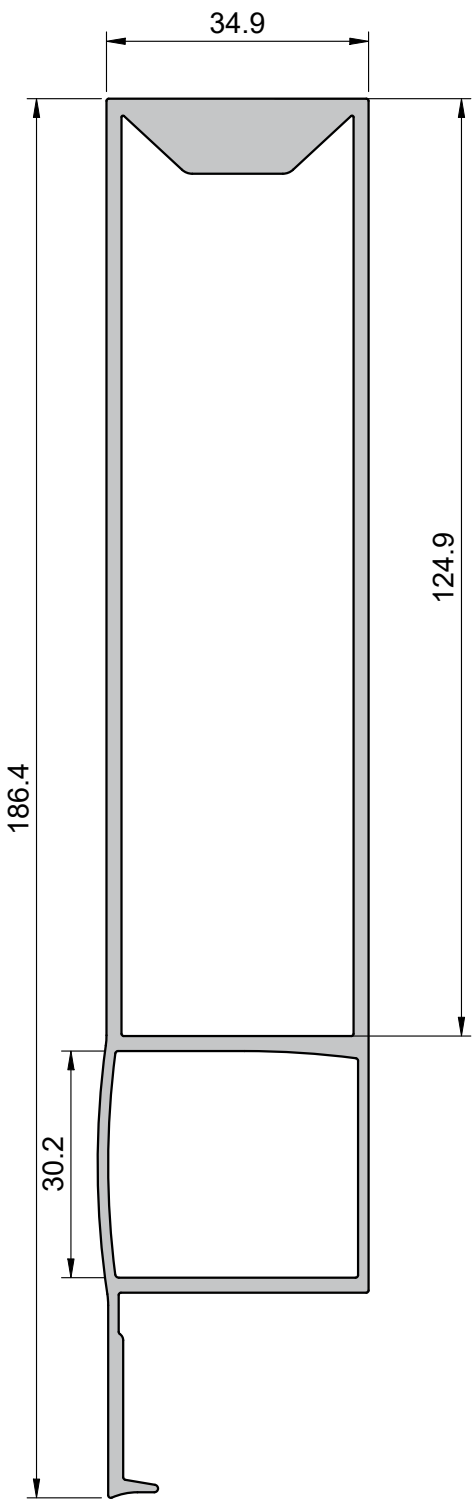


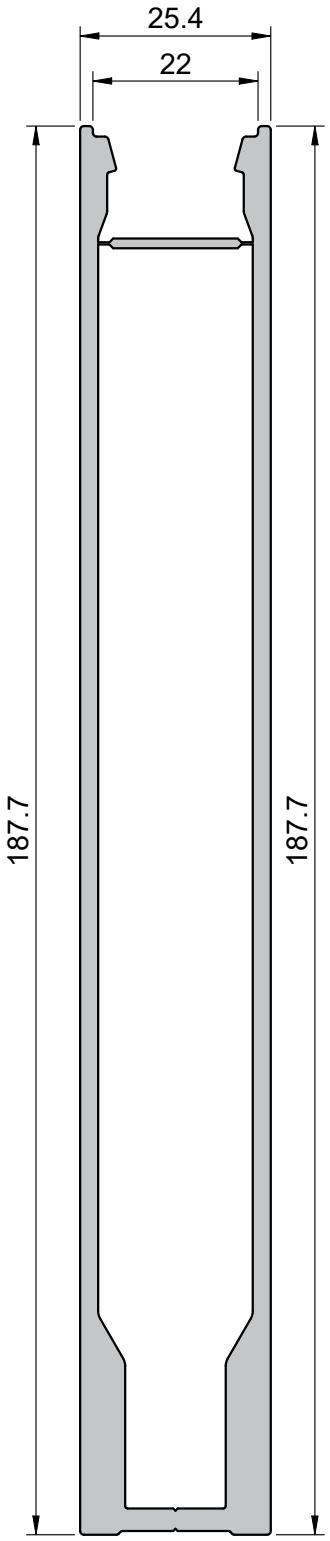
ALG-5015	Baguete
	0,143 Kg/m



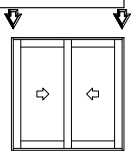
RE-40407	Mont. Mão de A. Vidro Colado Ref.
	2,561 Kg/m
Jx = 3.559.064 mm^4 | Wx = 31.330 mm^3	

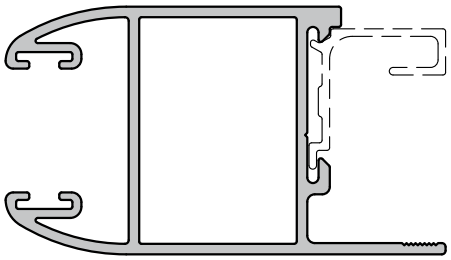
CX-3786	Reforço Para Montantes
	3,209 Kg/m
Jx = 4.234.730 mm^4 | Wx = 39.376 mm^3	



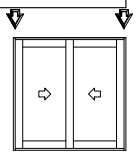


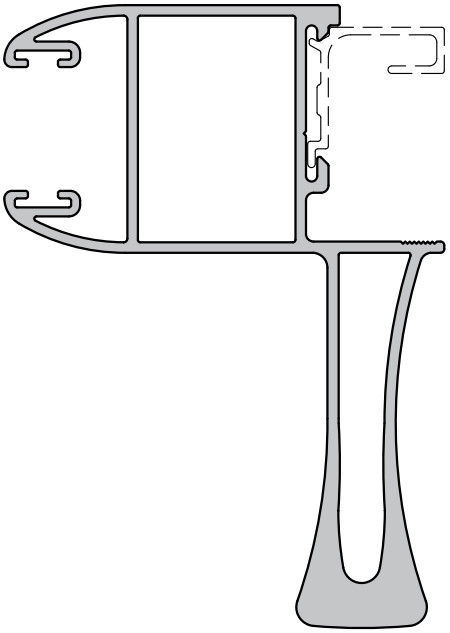
RE-40602	Montante Lateral / Central CB
	0,772 Kg/m
Jx = 46.493 mm^4 | Wx = 2.666 mm^3	



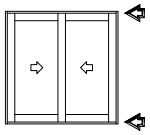


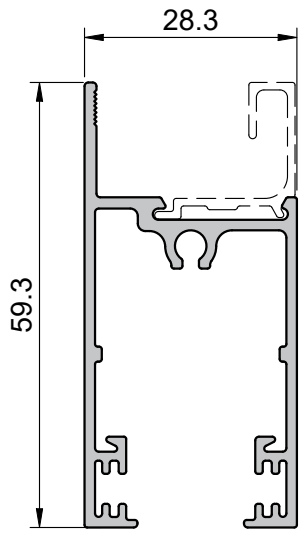
RE-40603	Montante Lateral / Central Ref. CB
	1,545 Kg/m
Jx = 451.069 mm^4 | Wx = 10.735mm^3	



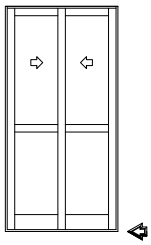


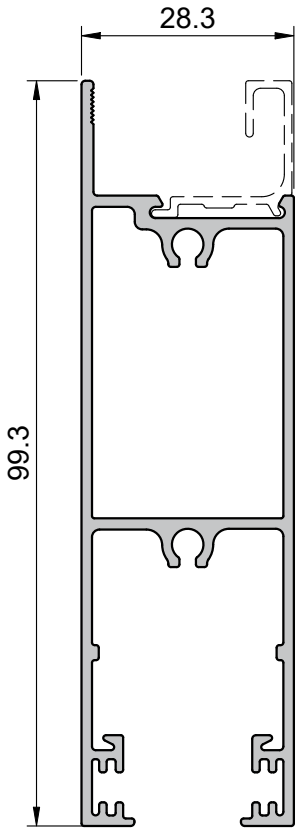
RE-40604	Travessa Superior / Inferior CB
	0,705 Kg/m



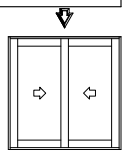


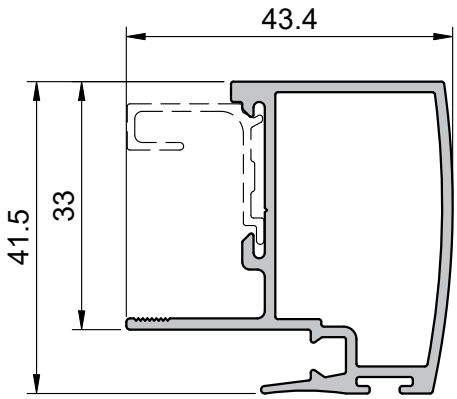
RE-40605	Travessa Superior / Inferior CB
	1,158 Kg/m



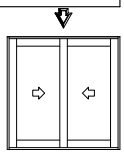


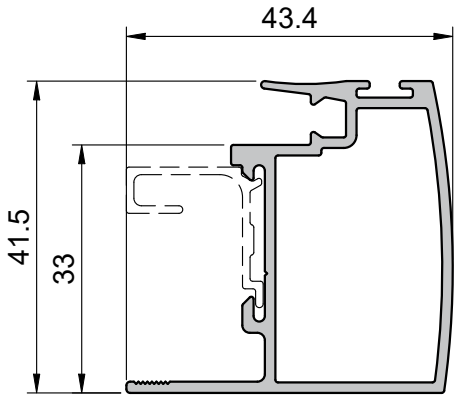
RE-40607	Mont. Mão de Amigo Interno CB
	0,677 Kg/m
Jx = 57.993 mm^4 | Wx = 2.704 mm^3	



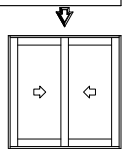


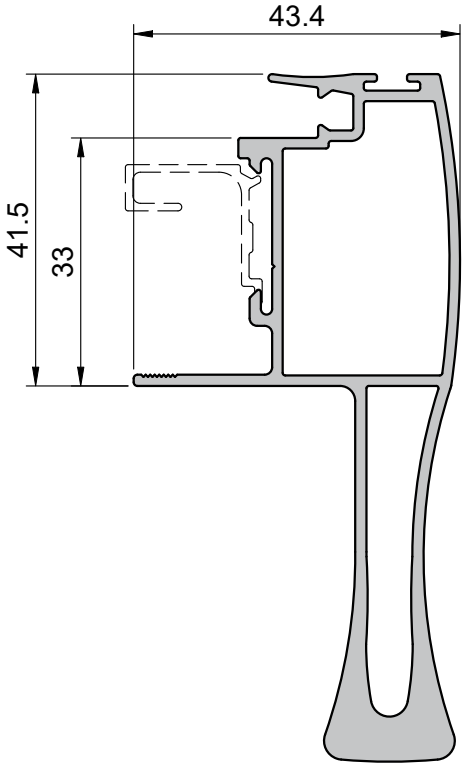
RE-40606	Mont. Mão de Amigo Externo CB
	0,677 Kg/m
Jx = 53.029 mm^4 | Wx = 2.389 mm^3	



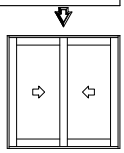


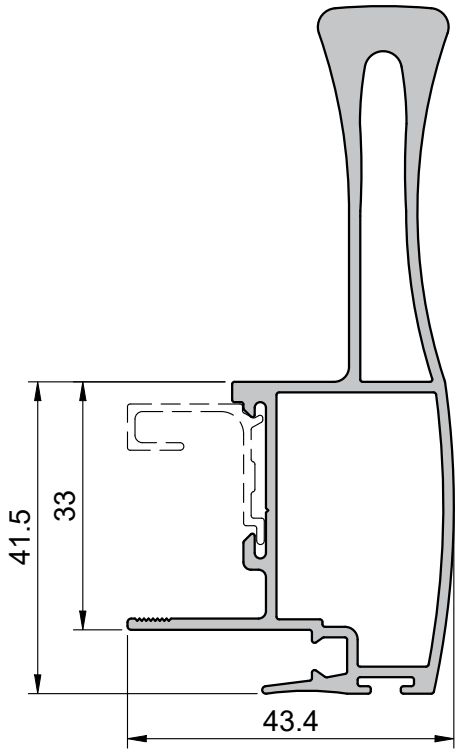
RE-40608	Mont. Mão de Amigo Ext. Ref. CB
	1,450 Kg/m
Jx = 501.456 mm^4 | Wx = 10.021 mm^3	





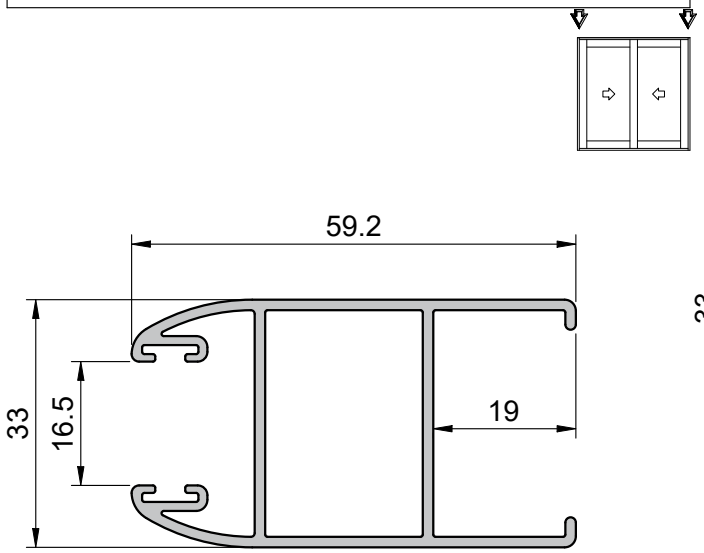
RE-40609	Mont. Mão de Amigo Int. Ref. CB
	1,450 Kg/m
Jx = 527.804 mm^4 | Wx = 10.765 mm^3	



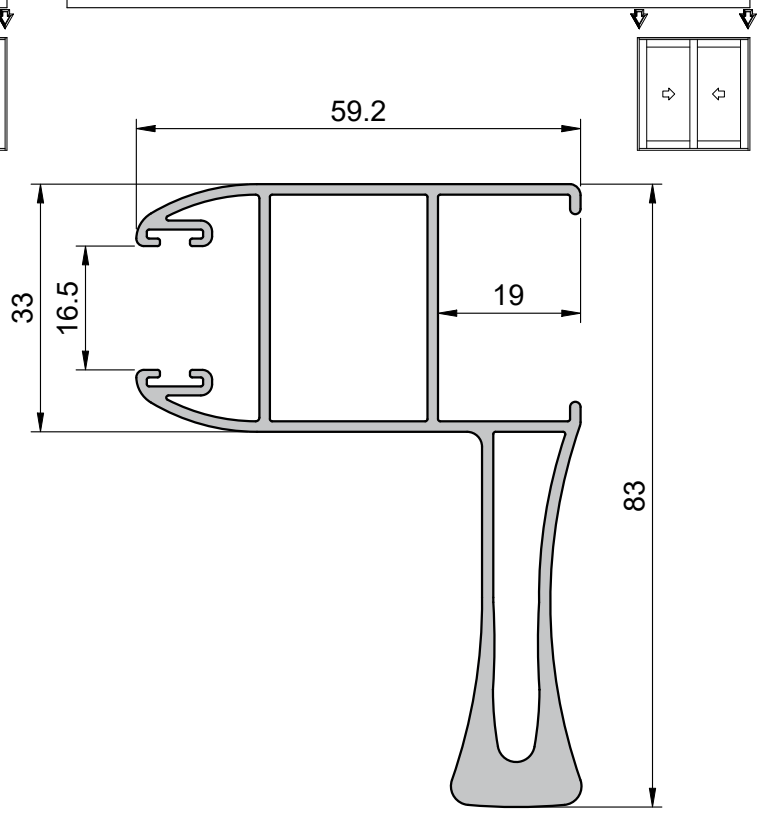


Quadro de guarnições e vidros				
Detalhe	Baguete	Guarnição externa	Guarnição interna	Espessura do vidro
1	ALG-3328	ESP - 14x5	GXT-1123	3mm
2	ALG-3057/CX-3096	ESP - 14x6	GXT-1124	4mm
2	ALG-3057/CX-3096	ESP - 14x5	GXT-1123	6mm
2	ALG-3057/CX-3096	ESP - 14x5	GXT-1123	8mm
3	ALG-3027	ESP - 14x6	GXT-1124	10mm
3	ALG-3027	ESP - 14x5	GXT-1124	12mm
3	ALG-3027	ESP - 14x5	GXT-1123	14mm
4	ALG-5015	ESP - 14x6	GXT-1124	14mm
4	ALG-5015	ESP - 14x6	GXT-1123	16mm

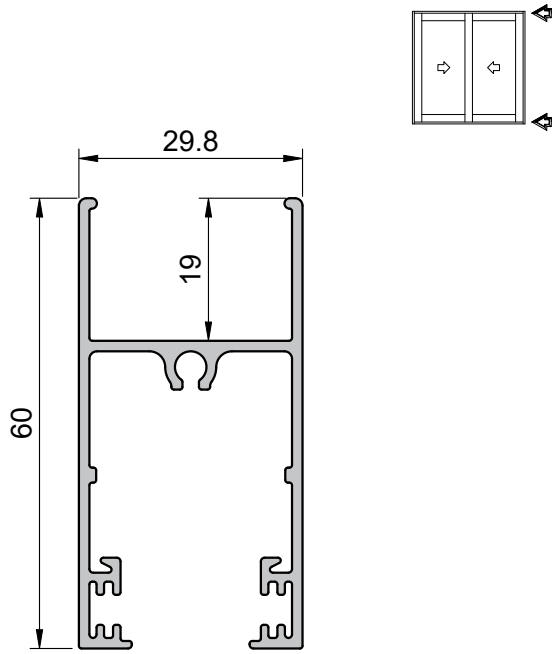
RE-40311	Montante Lateral / Central VD
	0,794 Kg/m
Jx = 50.748 mm^4 | Wx = 3.076 mm^3	



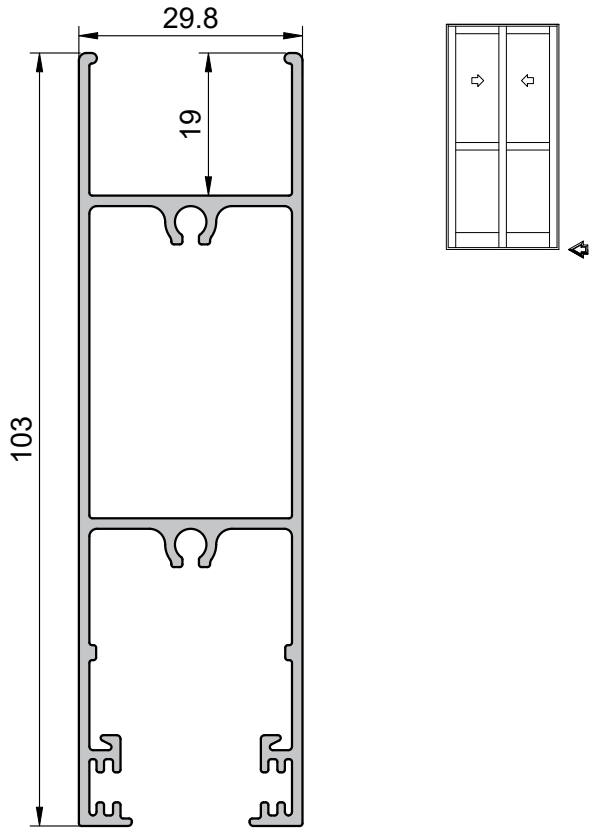
RE-40377	Montante Lateral / Central Ref. VD
	1,571 Kg/m
Jx = 473.897 mm^4 | Wx = 11.334 mm^3	



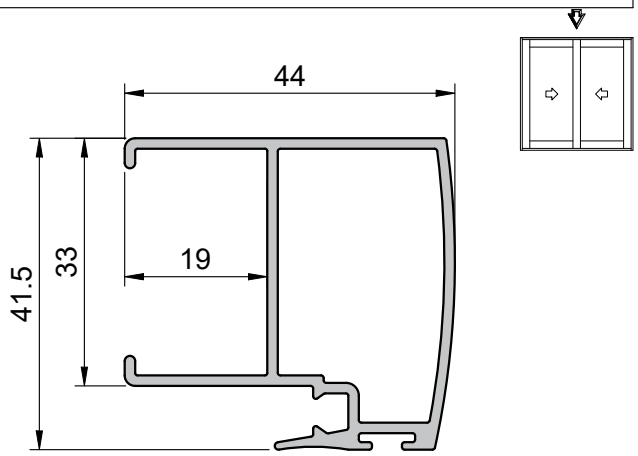
RE-20211	Travessa Superior / Inferior VD
	0,750 Kg/m



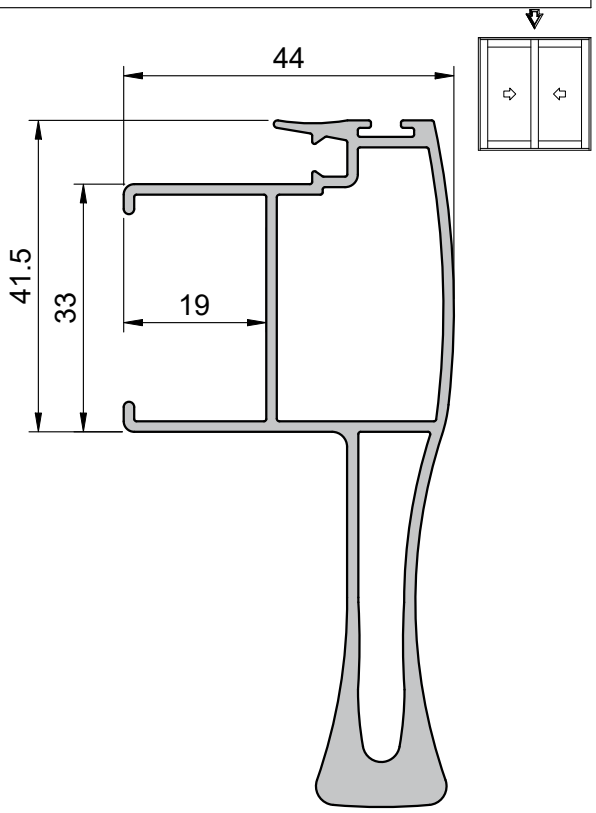
RE-20011	Travessa Superior / Inferior VD
	1,229 Kg/m



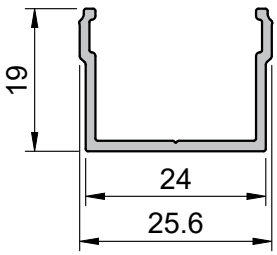
RE-40411	Mont. Mão de Amigo VD
	0,696 Kg/m
Jx = 59.359 mm^4 | Wx = 2.848 mm^3	



RE-40488	Mont. Mão de Amigo Reforçado VD
	1,467 Kg/m
Jx = 519.695 mm^4 | Wx = 10.537 mm^3	

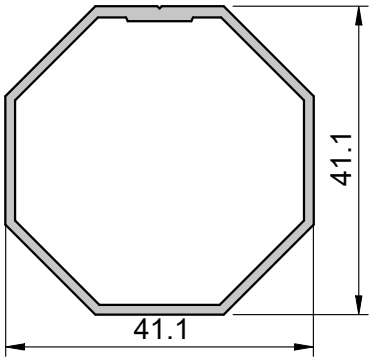


RE-99702	Redutor de Vidro
	0,221 Kg/m

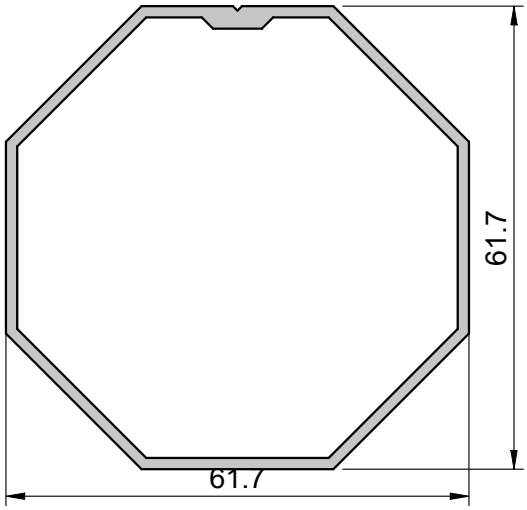


Quadro de guarnições e vidros				
Detalhe	Redutor	Guarnição externa	Guarnição interna	Espessura do vidro
1	-	GXT-1124	GXT-1124	21mm
1	-	GXT-1123	GXT-1123	18mm
2	Sim	GXT-1124	GXT-1124	18mm
2	Sim	GXT-1123	GXT-1123	16mm
2	Sim	GXT-1123	GXT-1124	14mm

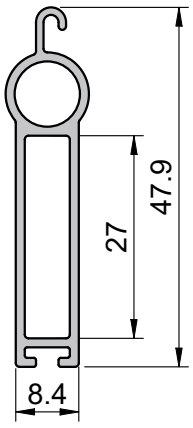
DS-238	Tubo Octogonal 40
	0,485 Kg/m



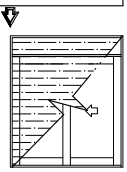
MN-015	Tubo Octogonal 60
	0,843 Kg/m

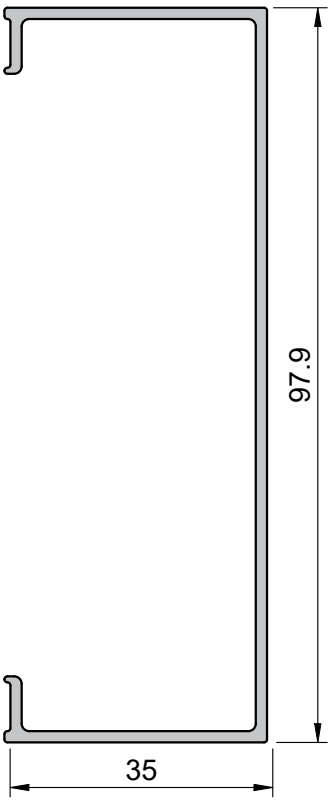


MN-055	Terminal
	0,376 Kg/m

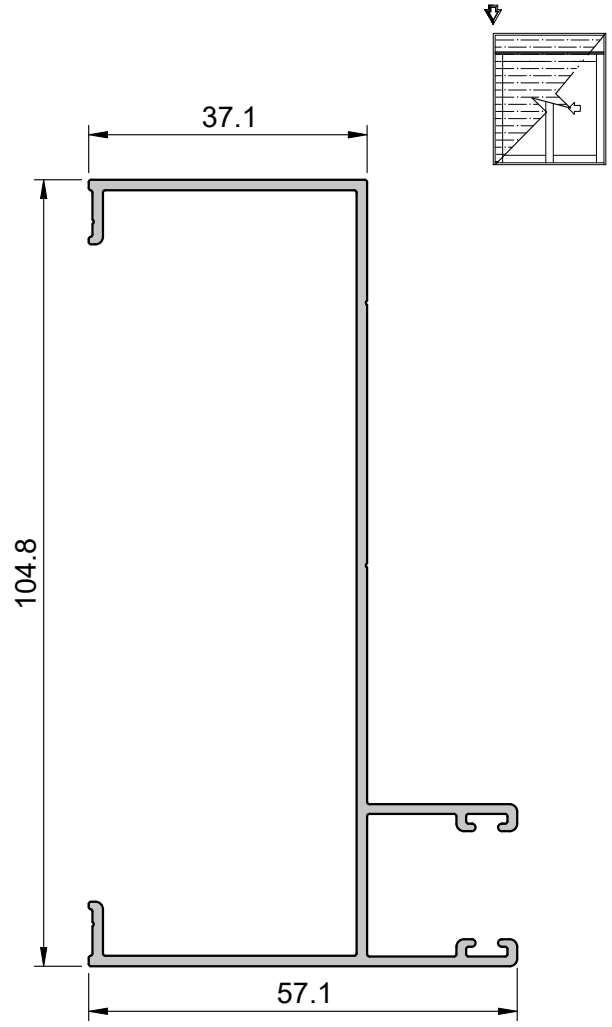


MN-050	Caixa do Recolhedor
	0,738 Kg/m

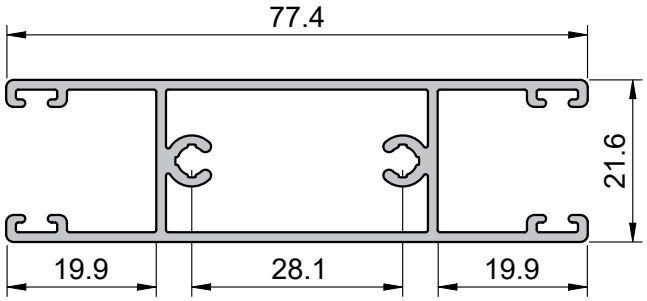




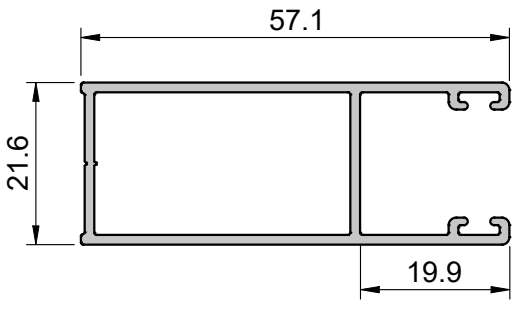
ALG-1004	Marco Lateral com Guia
	0,906 Kg/m



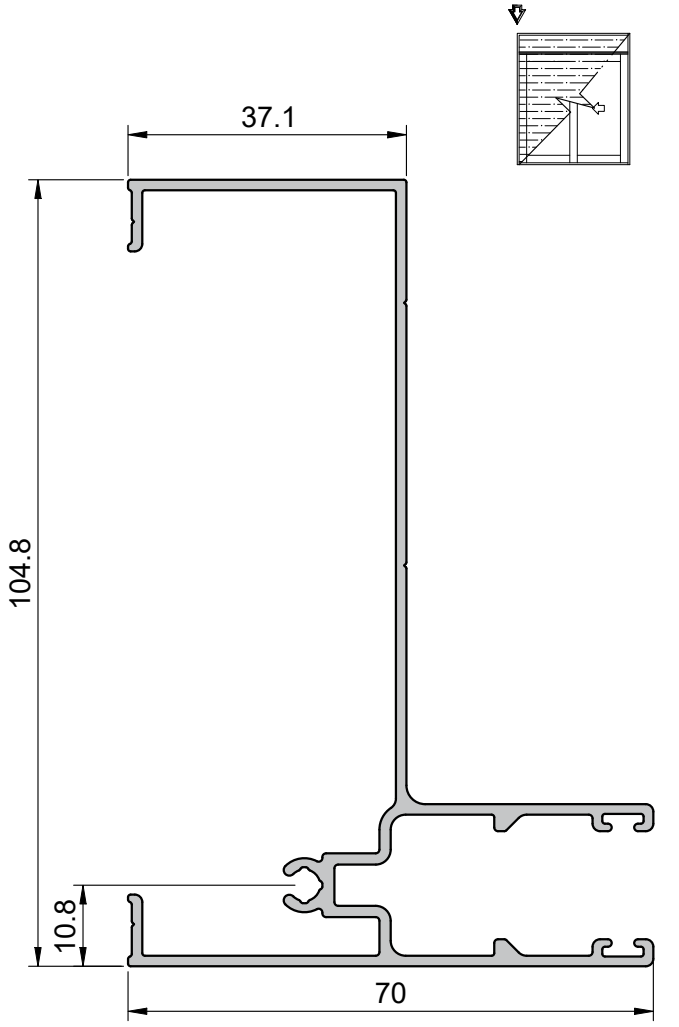
ALG-1008	Guia da Central Persiana
	0,866 Kg/m



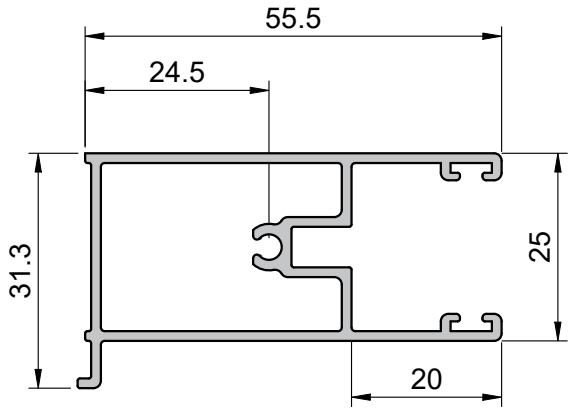
ALG-1005	Guia da Persiana
	0,577 Kg/m



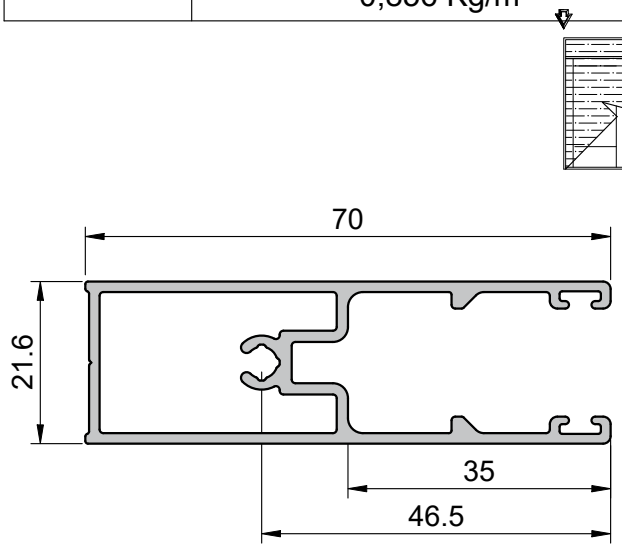
ALG-1014	Marco Lateral com Guia
	1,273 Kg/m



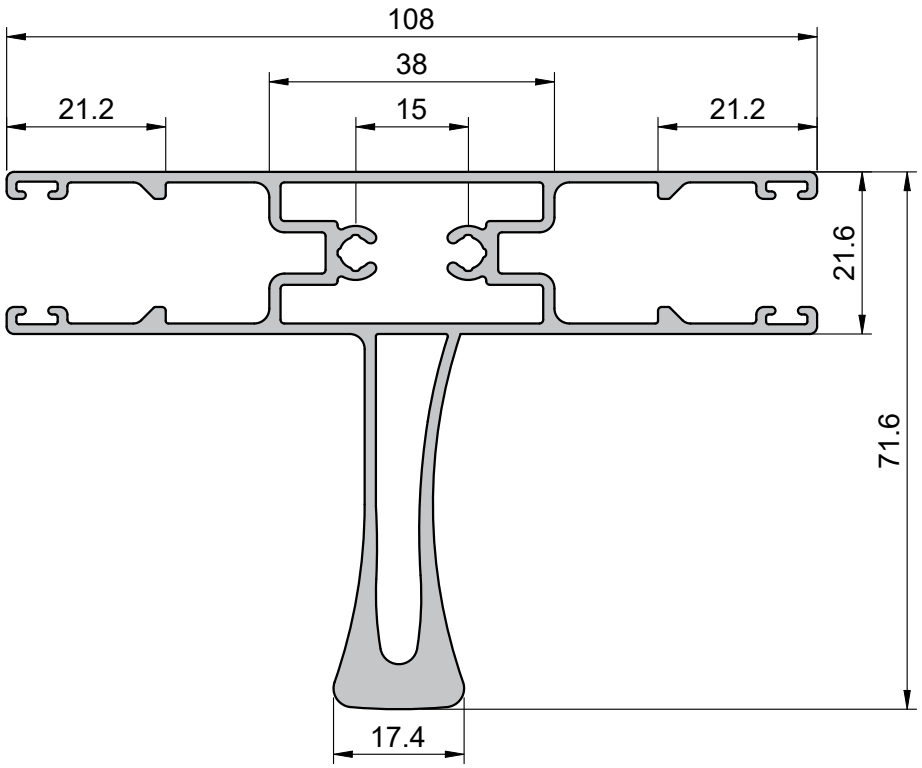
MN-007	Guia Lateral
	0,710 Kg/m



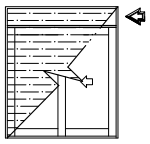
ALG-1013	Guia da Persiana
	0,856 Kg/m

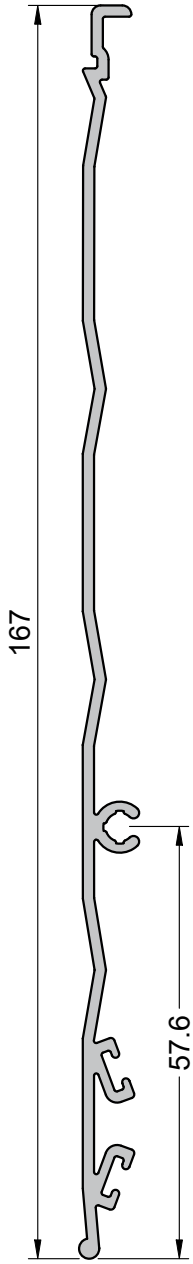


ALG-1015	Guia Central com Reforço
	2,112 Kg/m
Jx = 0 mm^4 | Wx = 0 mm^3	

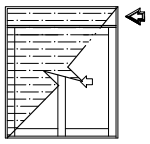


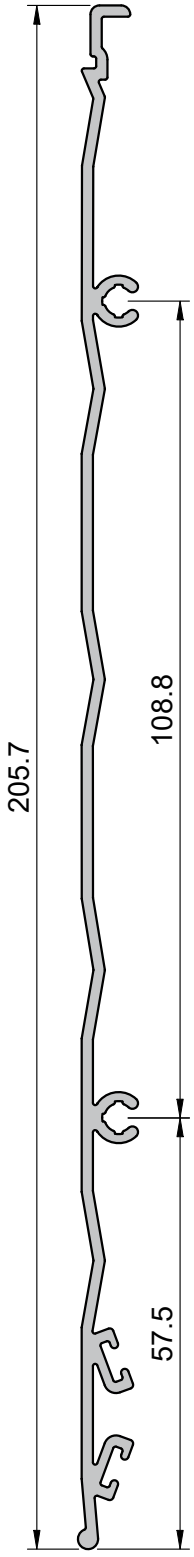
ALG-1007	Tampa Externa Integrada
	0,867 Kg/m



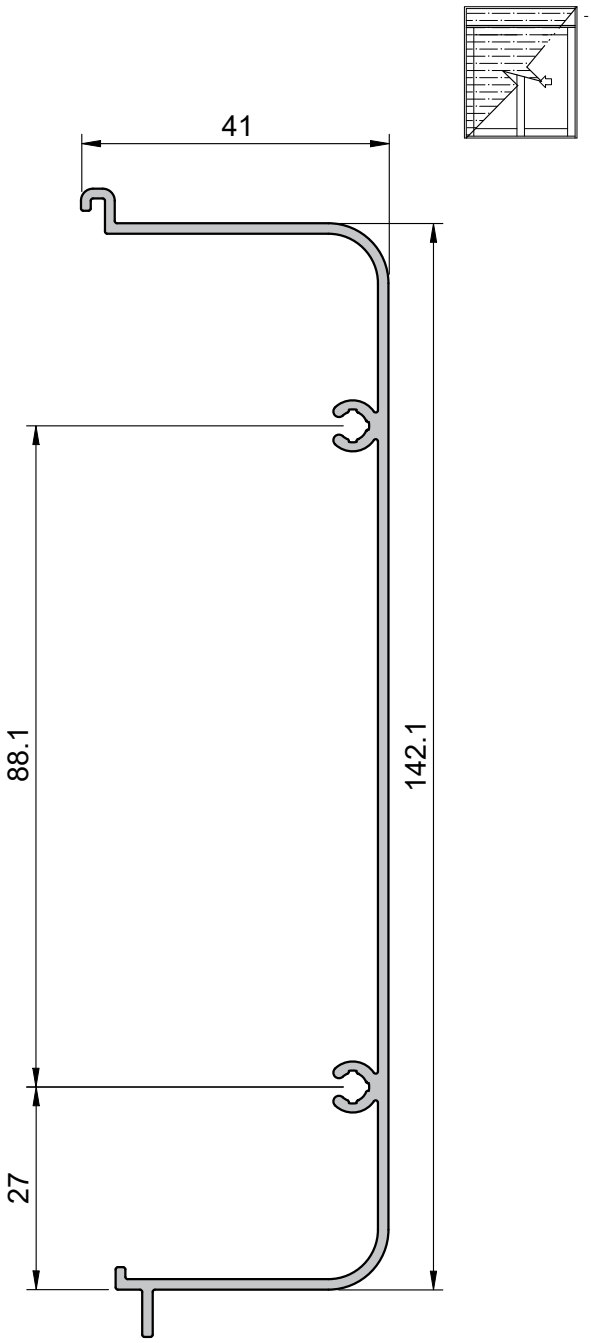


ALG-1010	Tampa Externa Integrada
	1,080 Kg/m

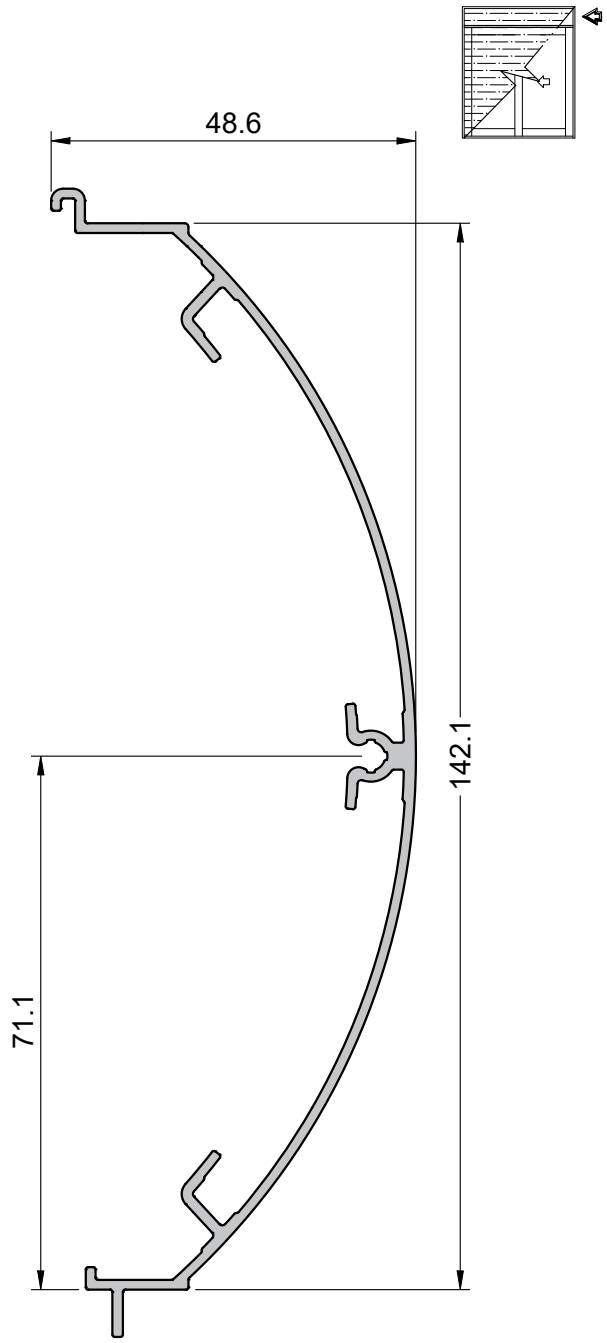




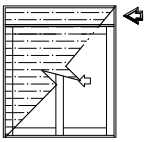
ALG-1041	Tampa Interna Integrada
	0,949 Kg/m

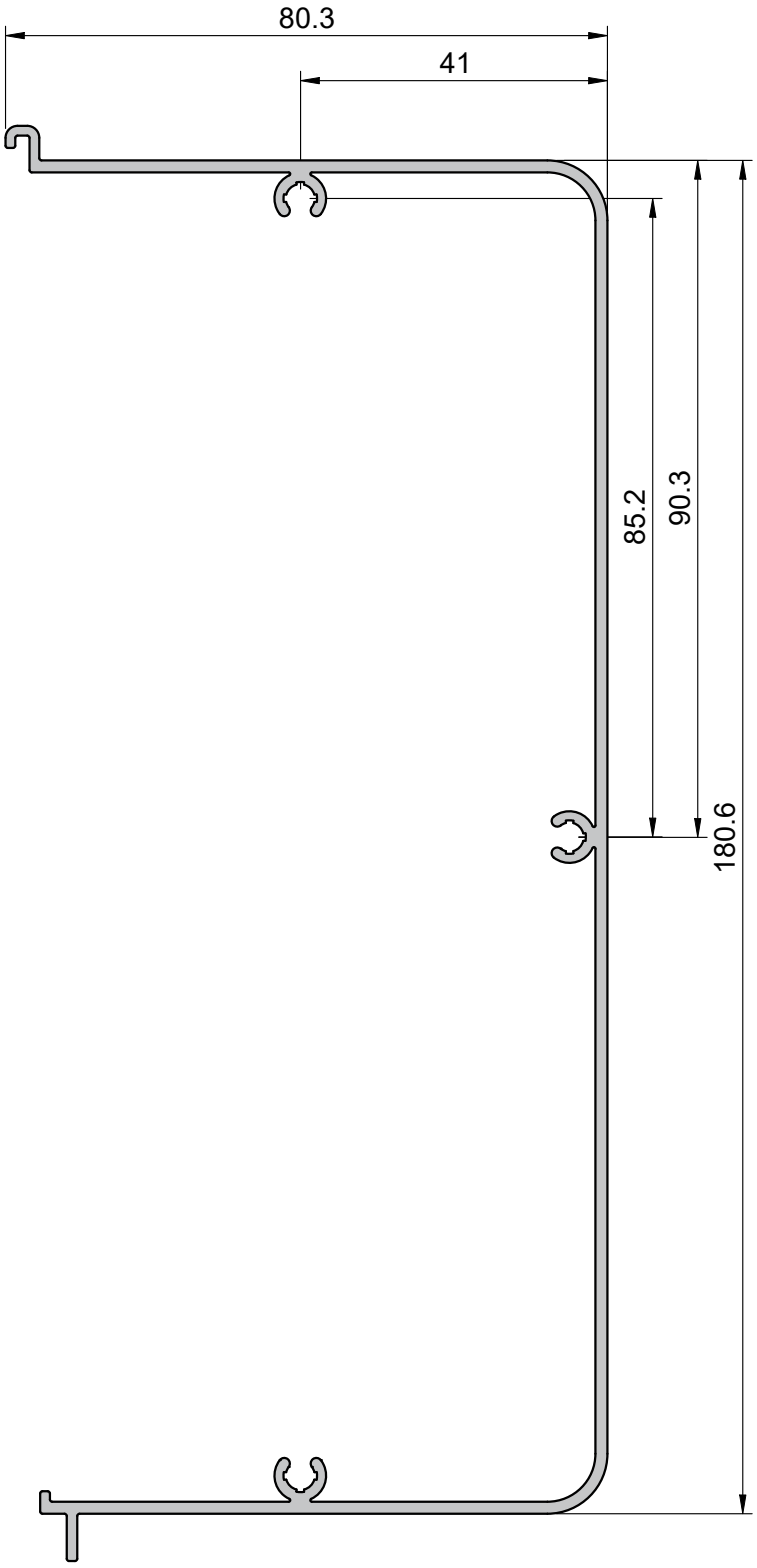


ALG-1006	Tampa Interna Integrada
	0,937 Kg/m

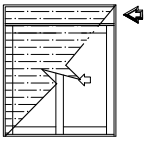


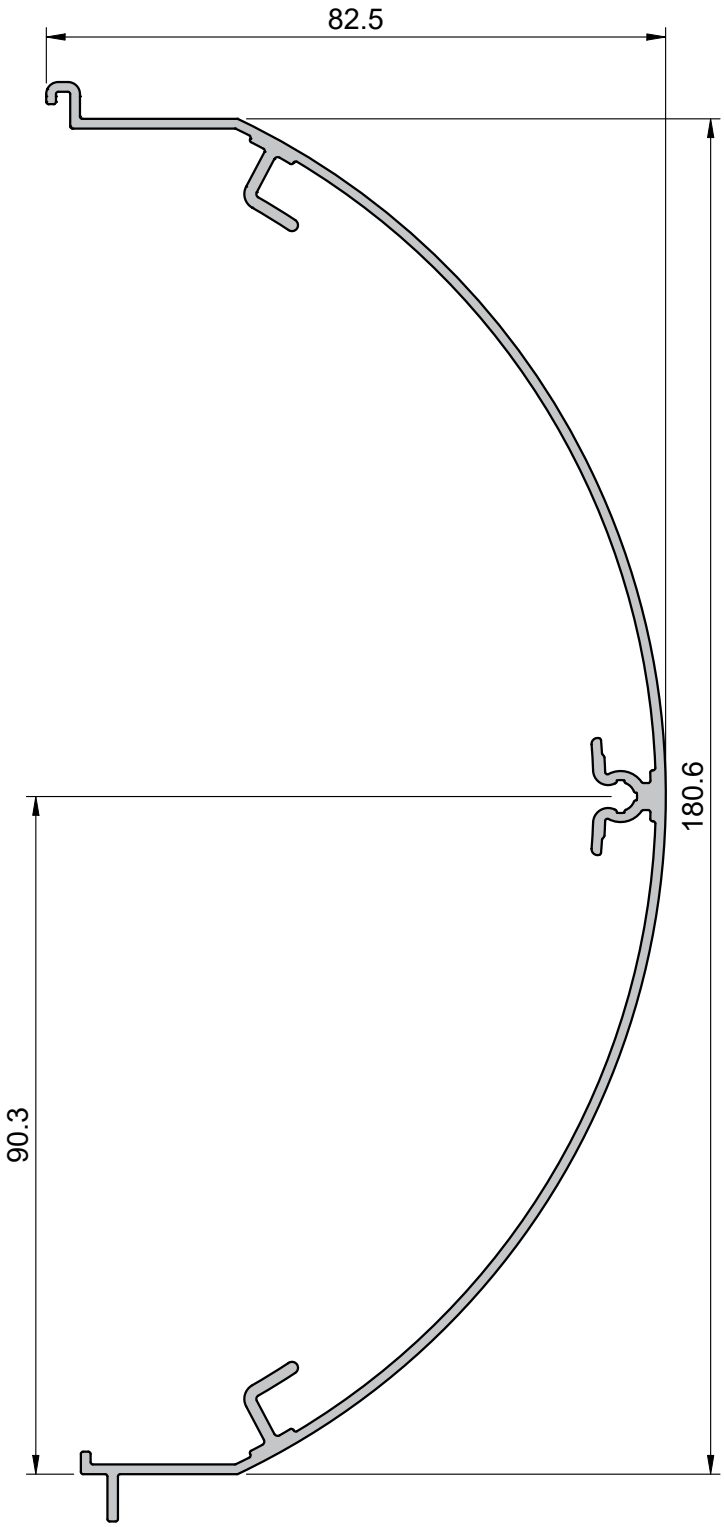
ALG-1042	Tampa Interna Integrada
	1,973 Kg/m





ALG-1009	Tampa Interna Integrada
	1,260 Kg/m

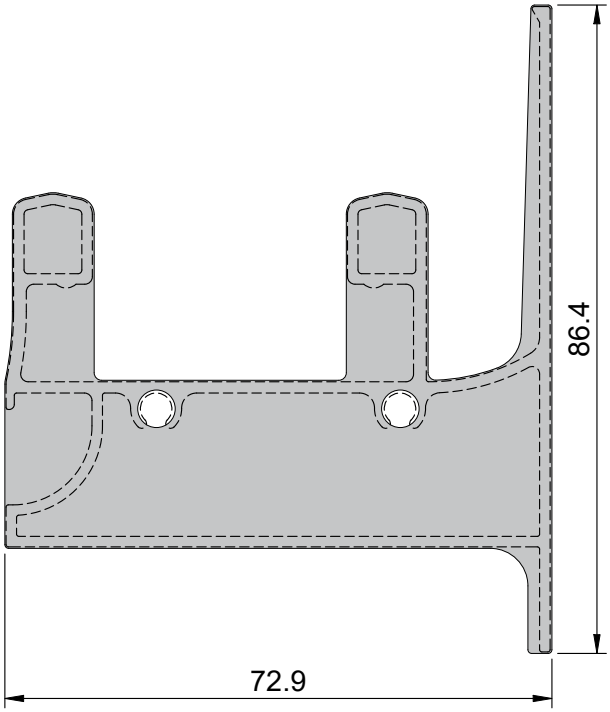




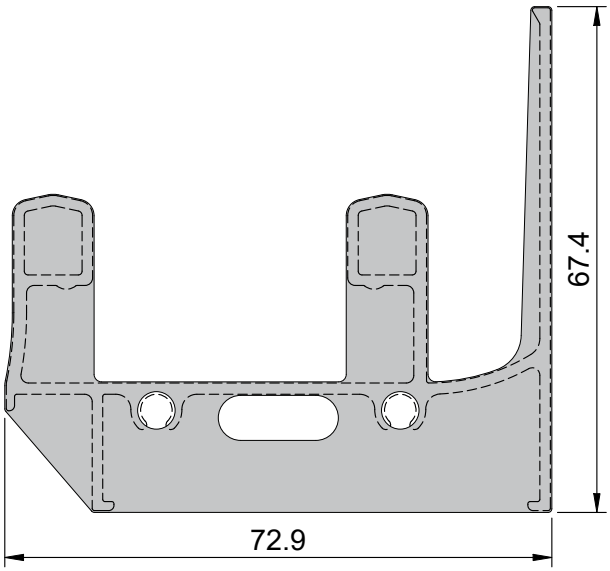
Componentes

IMAGENS / DESCRIÇÕES

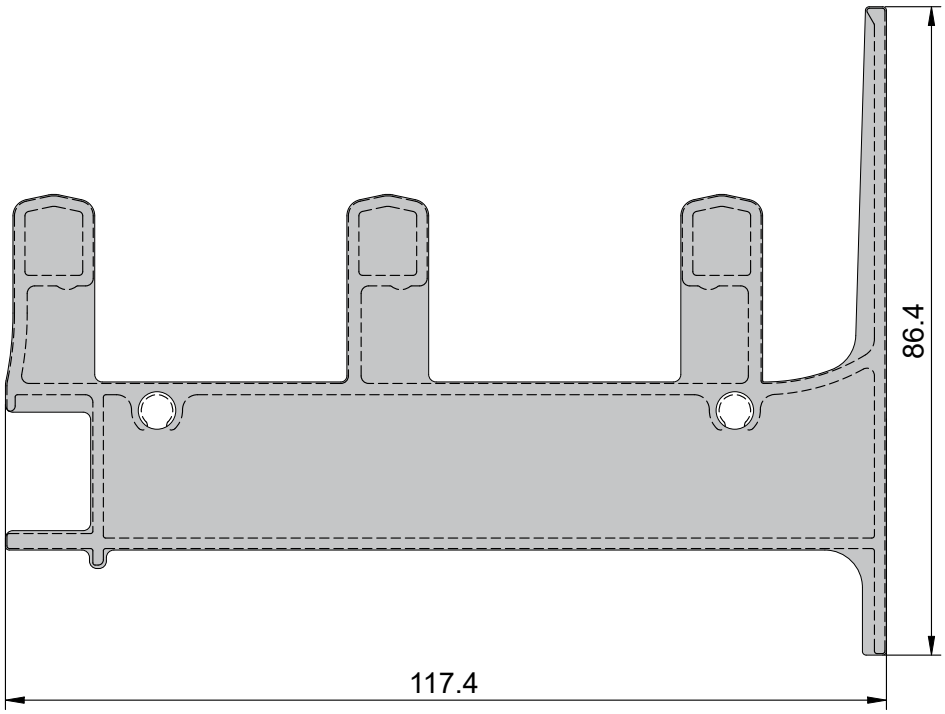
JTV-0001	Junta de Vedação
	Aplicação Perfil RE-01004



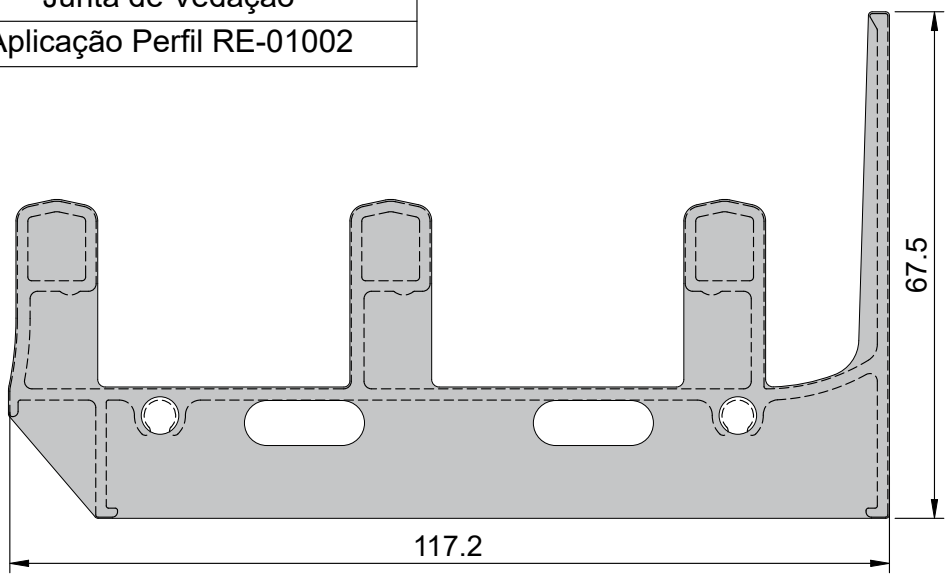
JTV-0002	Junta de Vedação
	Aplicação Perfil RE-01001



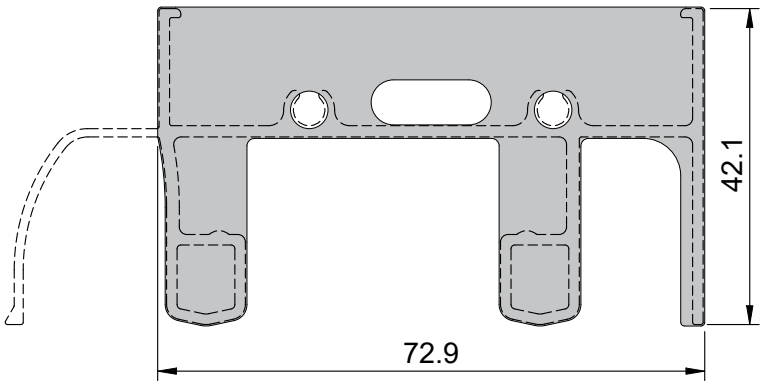
JTV-0003	Junta de Vedação
	Aplicação Perfil RE-01003



JTV-0004	Junta de Vedação
	Aplicação Perfil RE-01002



JTV-0005	Junta de Vedação
	Aplicação Perfil RE-01101



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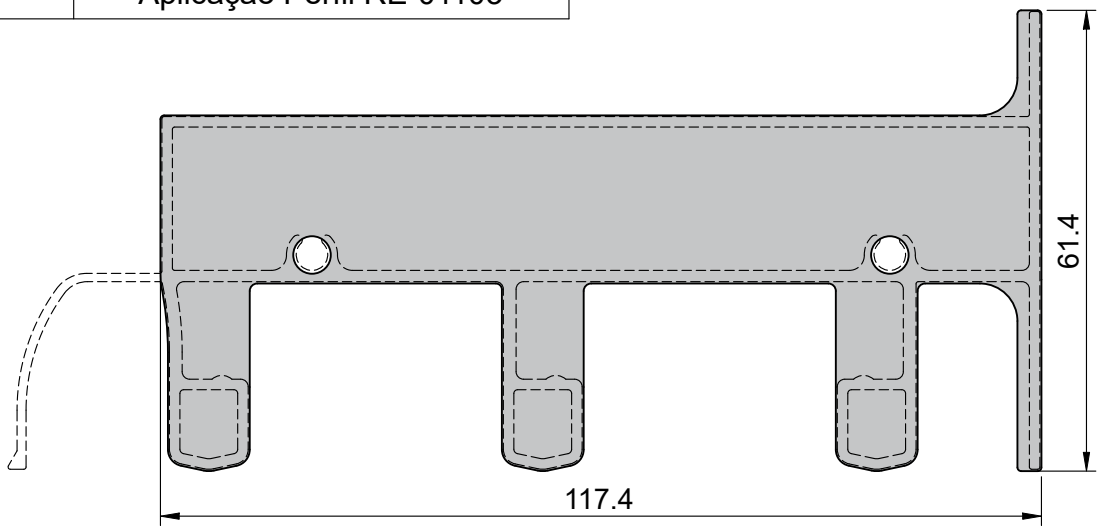

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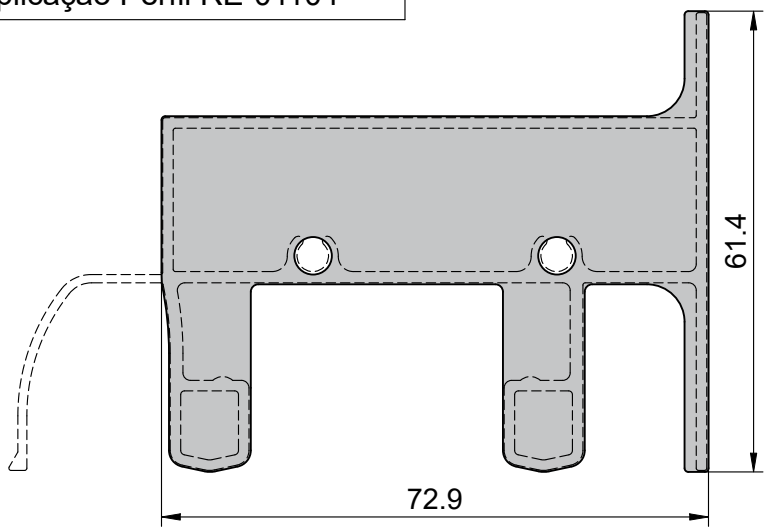
	Aplicação Perfil RE-01104



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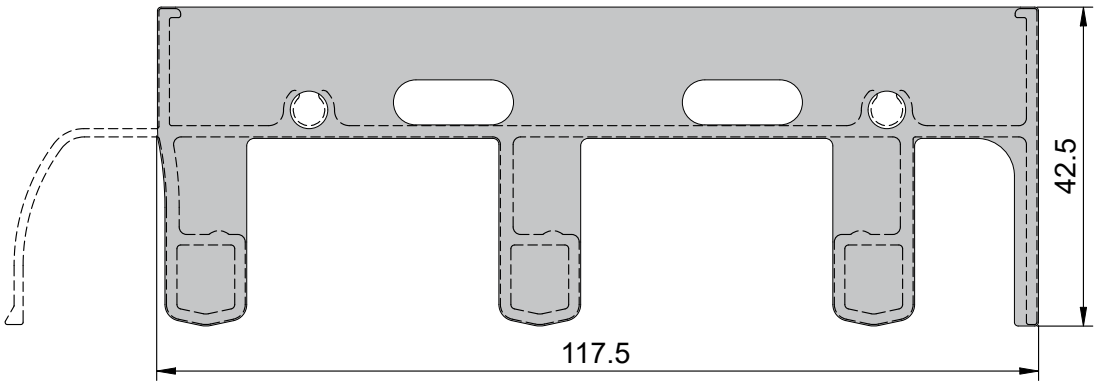
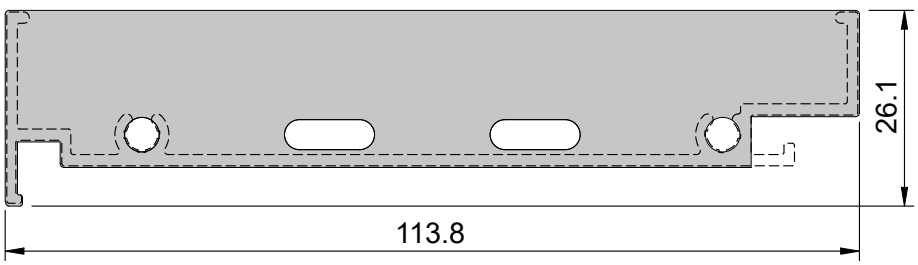
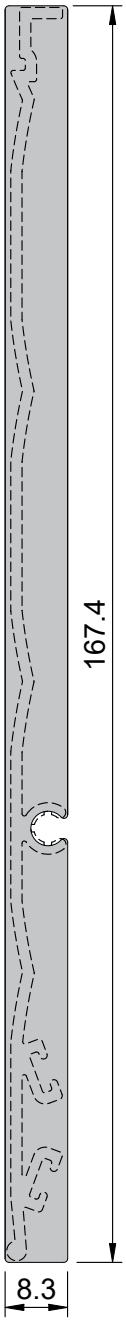
	Aplicação Perfil RE-01102



JTV-0025	Junta de Vedação
	Aplicação Perfil ALG-1001



JTV-0026	Junta de Vedação
	Aplicação Perfil ALG-1007



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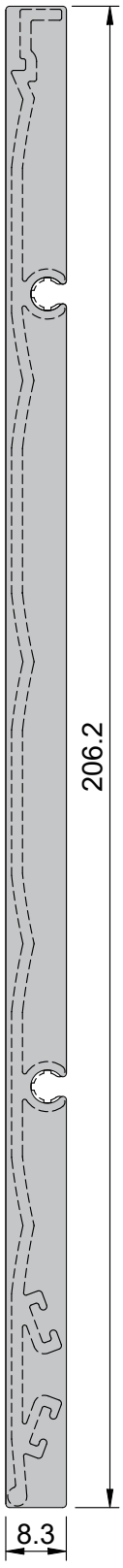
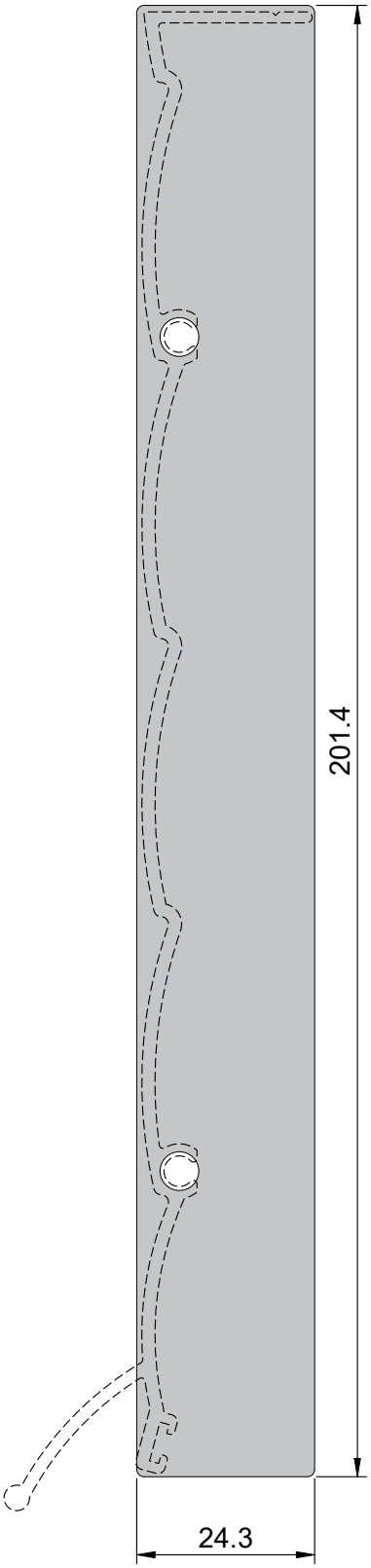
	Aplicação Perfil ALG-1010



JTV-0031	Junta de Vedação
	Aplicação Perfil ALG-930



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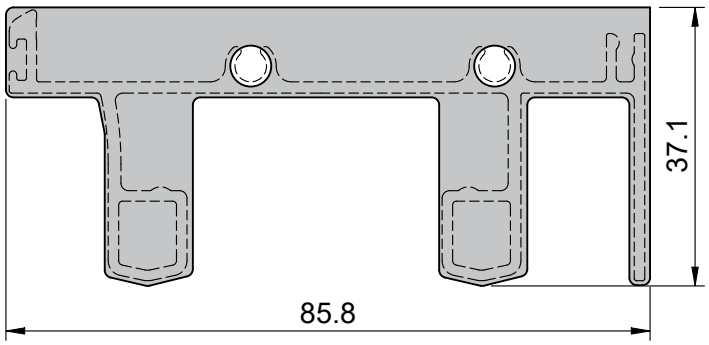
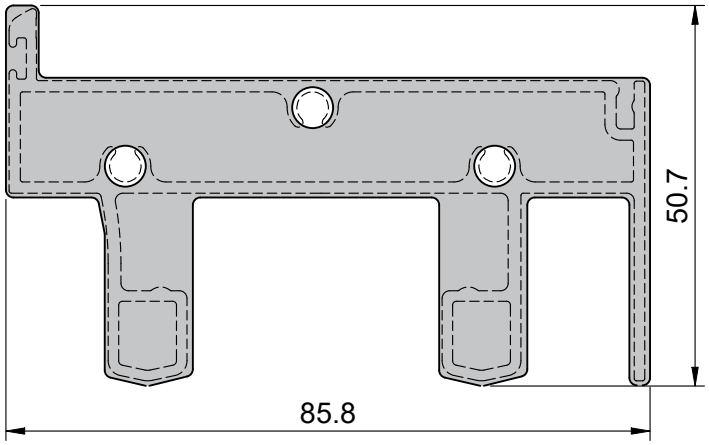
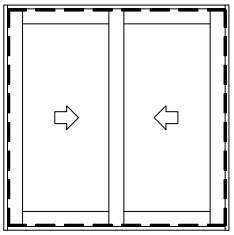
	Aplicação Perfil RE-01201

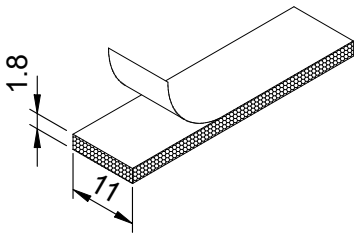


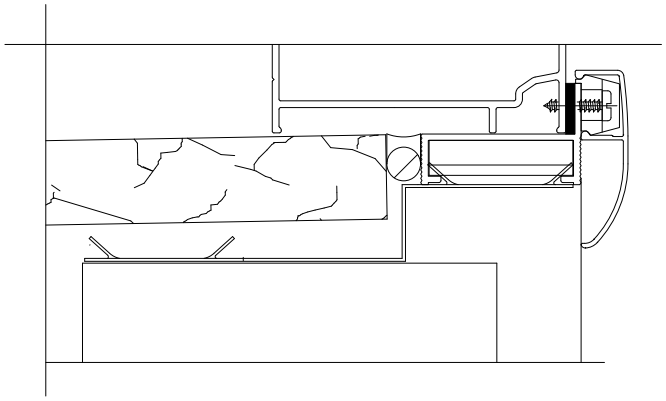
JTV-0033	Junta de Vedação
	Aplicação Perfil RE-01202



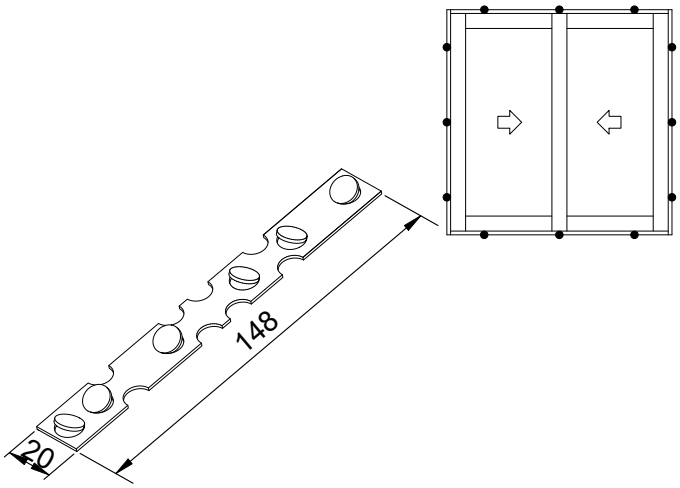
ESP-1118	Espuma de PVC 11x1,8mm
	Vedação do Perímetro



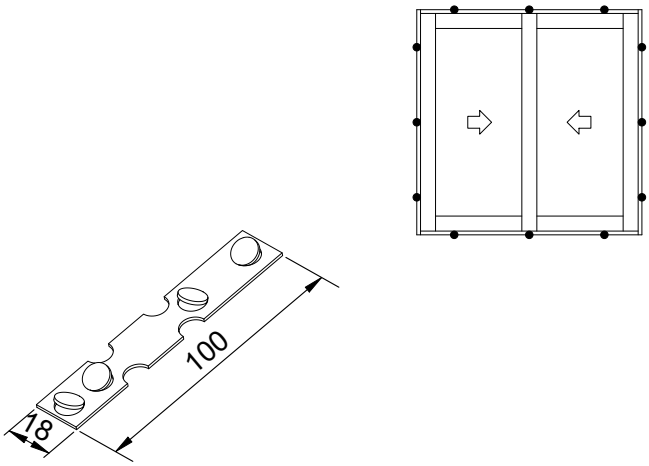




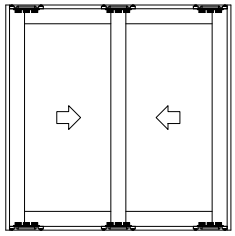
CBD-0001	Chumbador de Aço Zincado
	CM-060/ CM-063/ CM-174

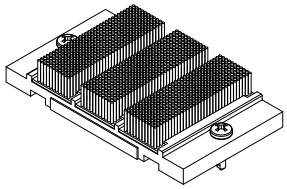


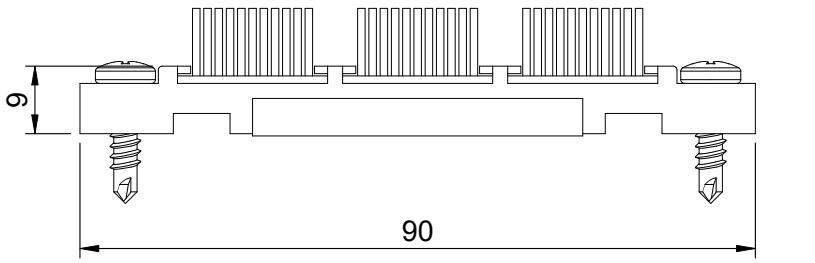
CBD-0002	Chumbador de Aço Zincado
	CM-060/ CM-063

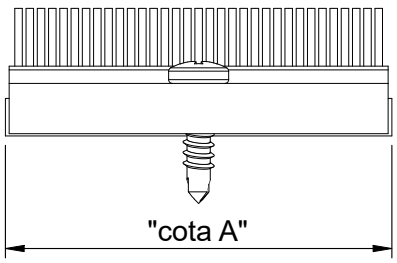


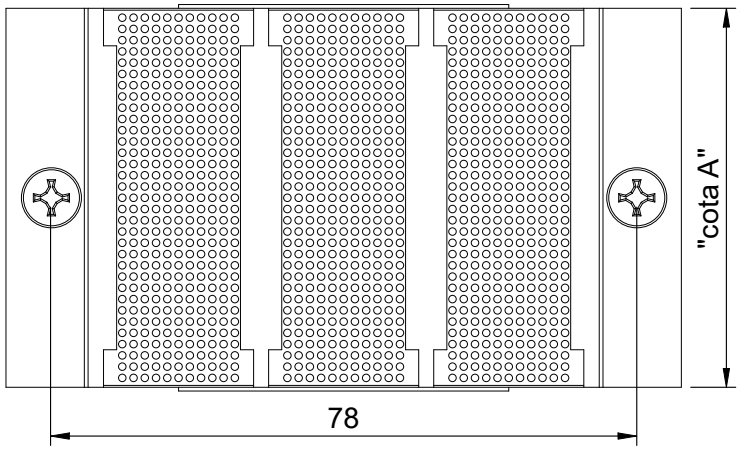
Vedação superior e inferior	
Código	Cota (A)
VDA-0001	51.5 mm
VDA-0002	43 mm
VDA-0007	63 mm
VDA-0008	54 mm



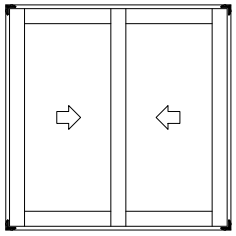


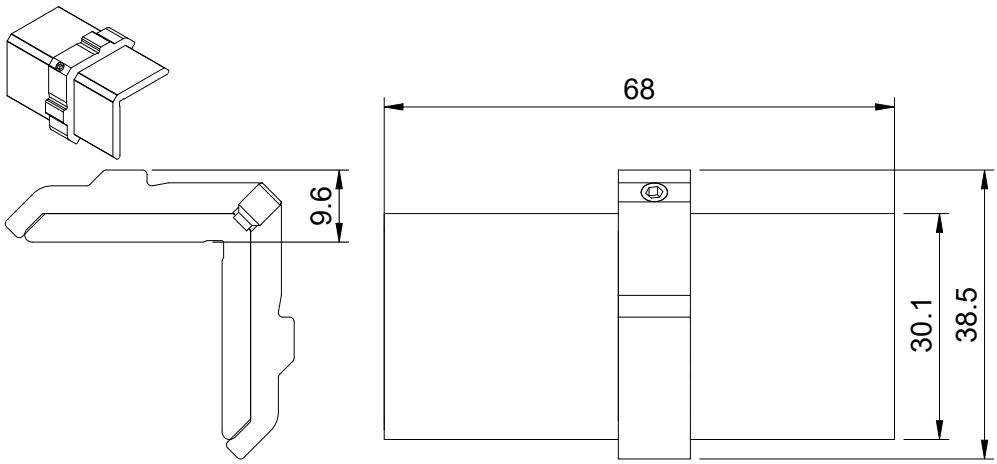


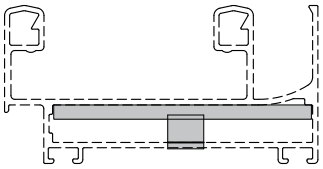




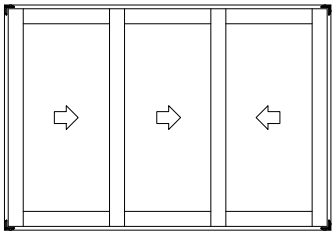
MCX-0011	Macho de Conexão
	Aplicação Perfil RE-01605

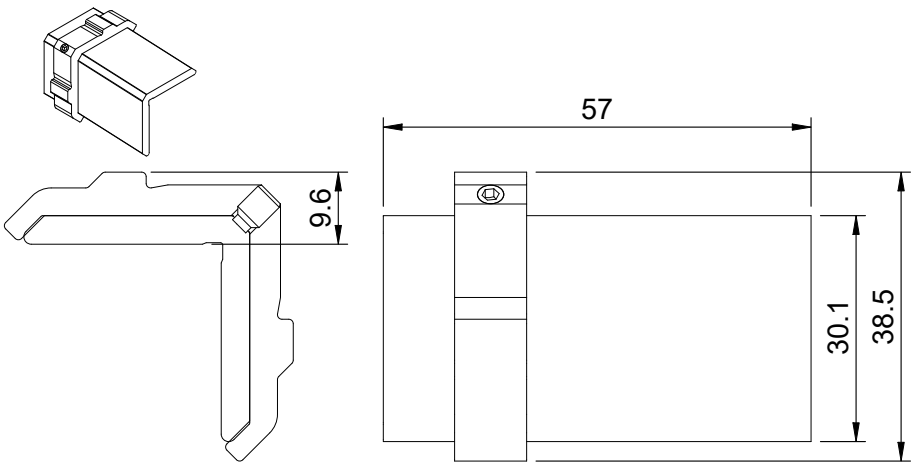


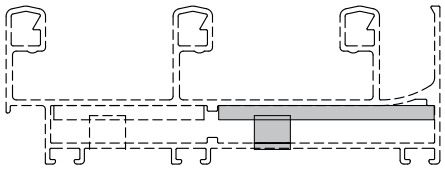




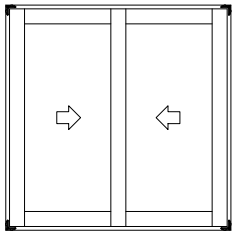
MCX-0009	Macho de Conexão
	Aplicação Perfil RE-01604

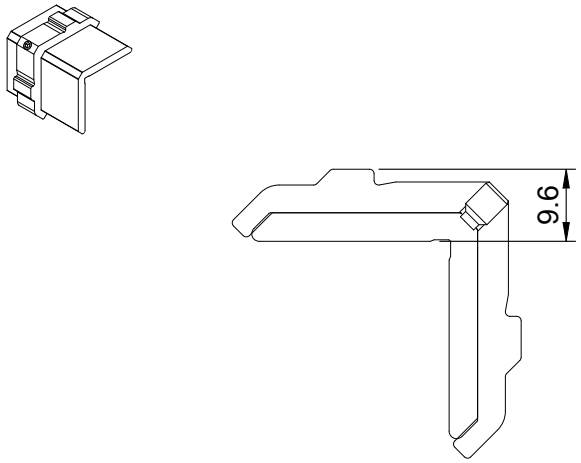


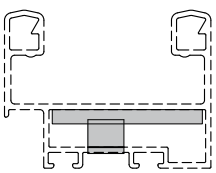




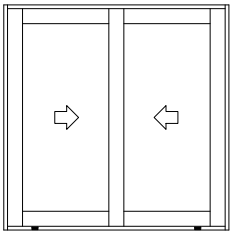
MCX-0001	Macho de Conexão
	RE-01601 / RE-01602 / RE-01604

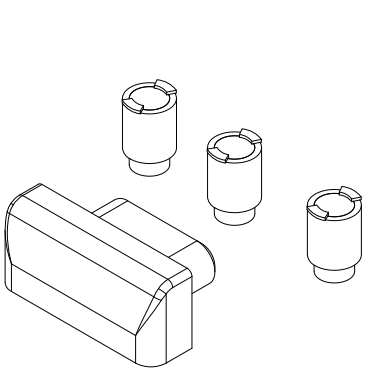


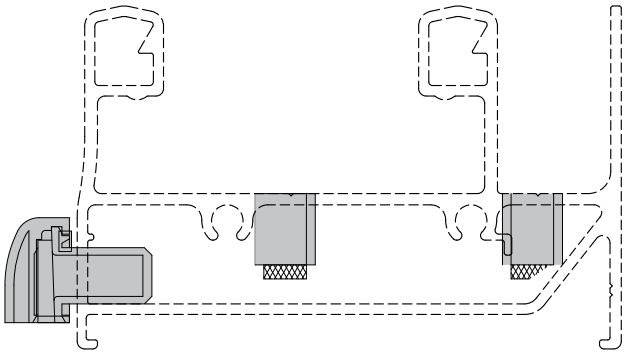




DRN-22001	Dreno Flap Saída d'Água
	Polímero Cor: Preto / Branco

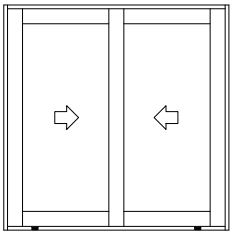


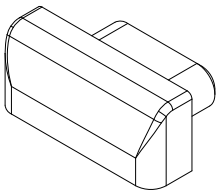


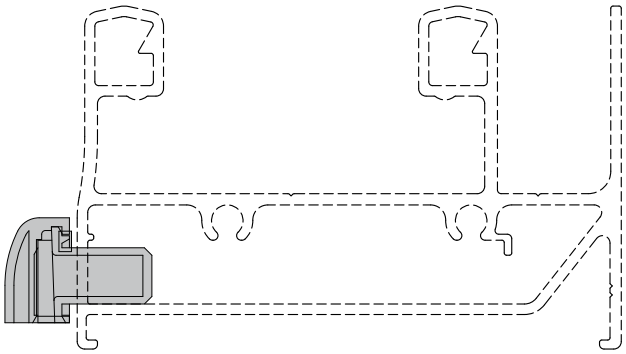


*Aplicação conforme usinagem do fornecedor

DRN-22002	Dreno Flap
	Polímero Cor: Preto / Branco

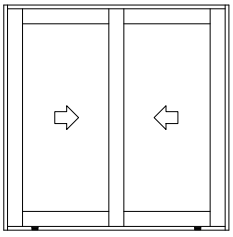


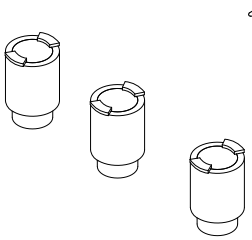


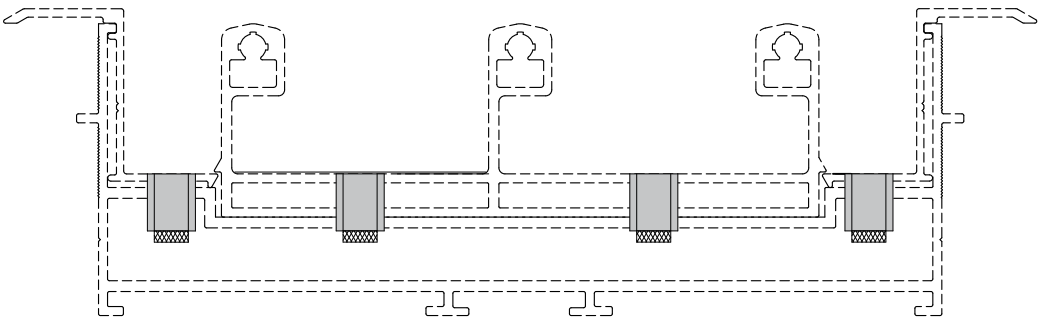


*Aplicação conforme usinagem do fornecedor

DRN-22012	Saída d'Água
	Polímero Cor: Preto / Branco

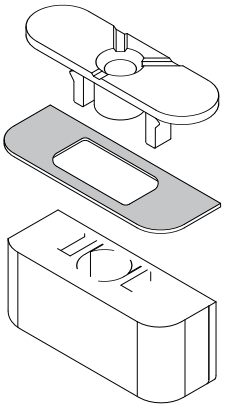


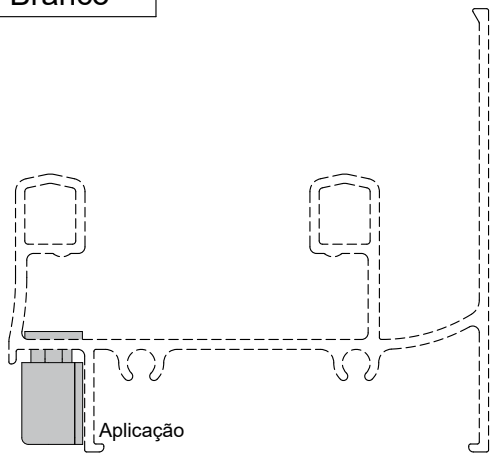


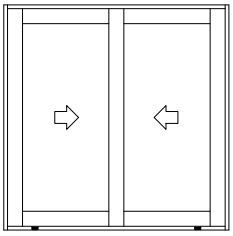


*Aplicação conforme usinagem do fornecedor

DRN-0001	Dreno Saída d'Água
	Polímero Cor: Preto / Branco

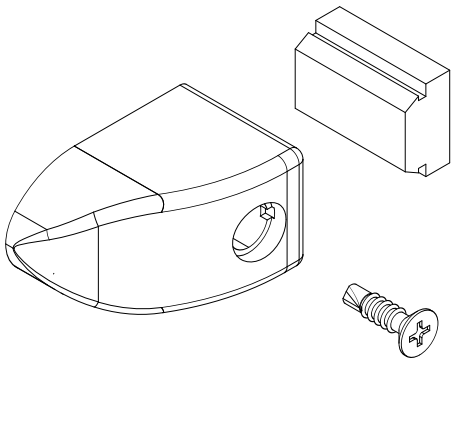


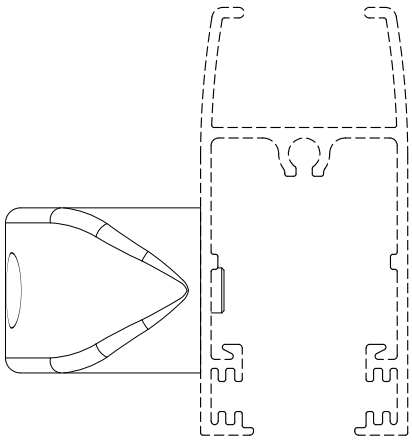


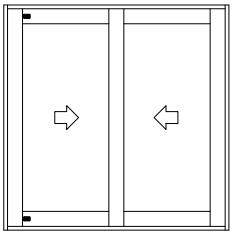


*Aplicação conforme usinagem do fornecedor

BTE-0001	Batedeira de Folha
	Polímero Cor: Preto / Branco

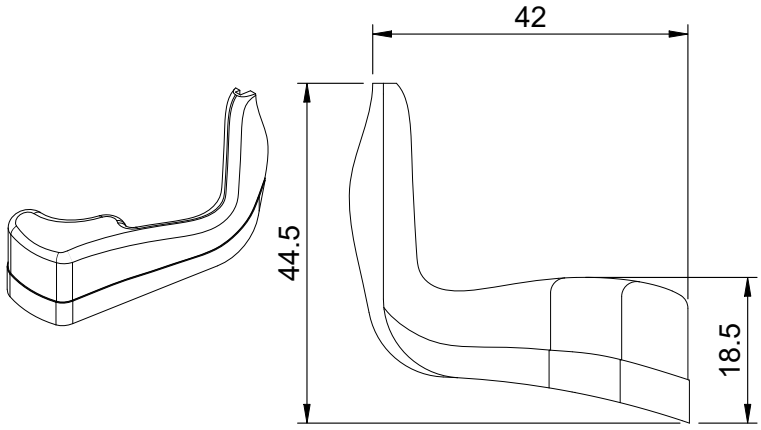


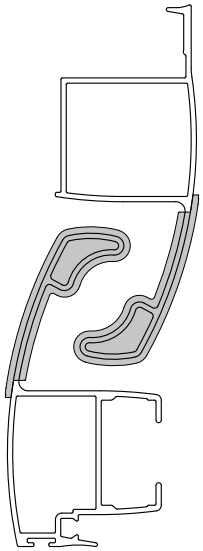


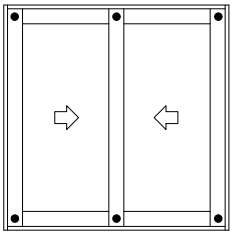


*Aplicação conforme usinagem do fornecedor

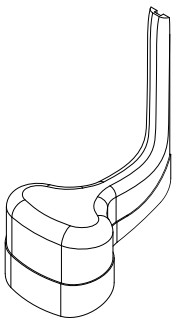
TMT-0001	Tampa Montante
	Polímero Cor: Preto / Branco

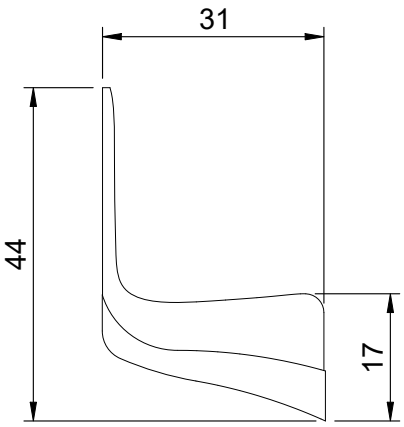


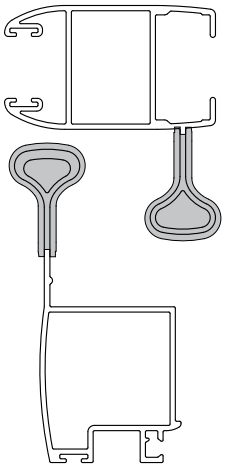


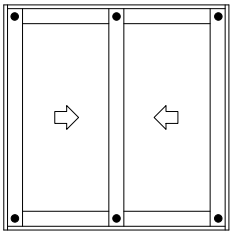


TMT-0002	Tampa Montante
	Polímero Cor: Preto / Branco

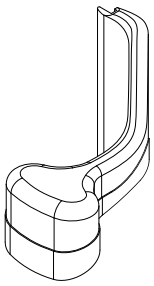


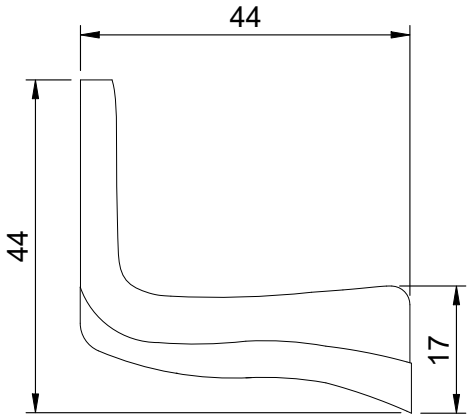


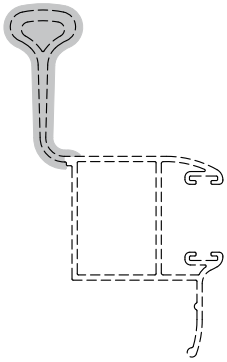


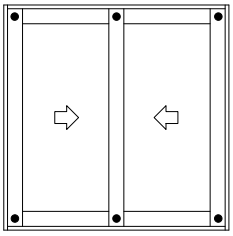


TMT-0010	Tampa Montante
	Polímero Cor: Preto / Branco

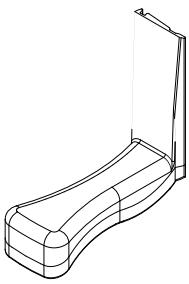


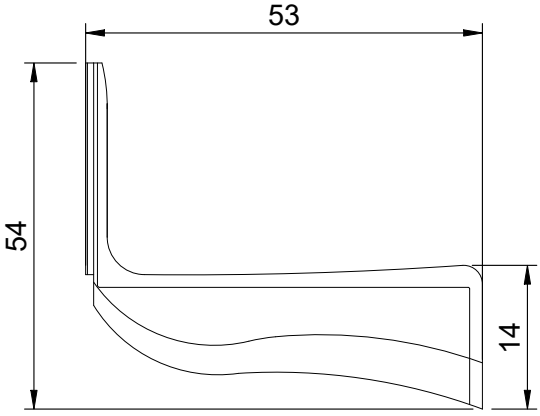


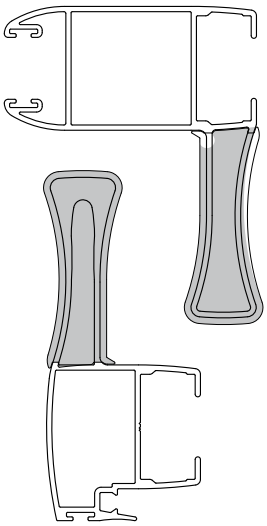


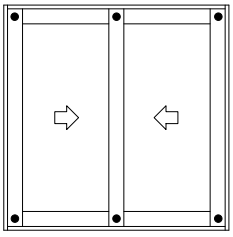


TMT-0021	Tampa Montante
	Polímero Cor: Preto / Branco

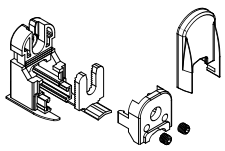


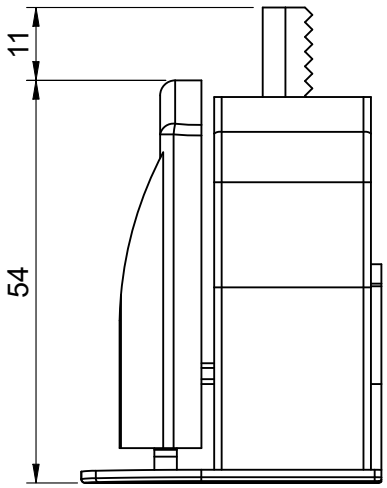


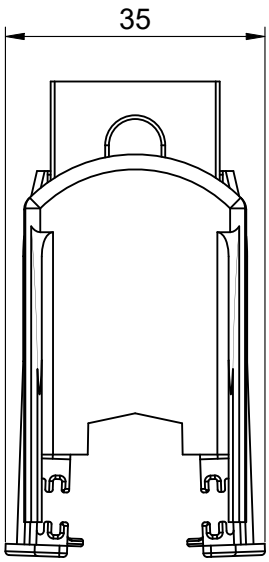


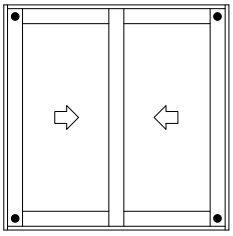


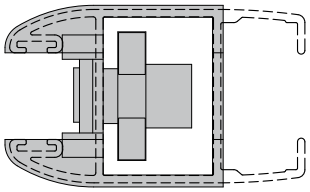
CVD-0001	Guia e Vedação Lateral
	Polímero Cor: Preto / Branco



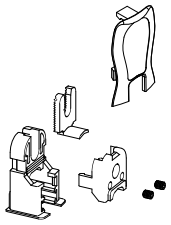


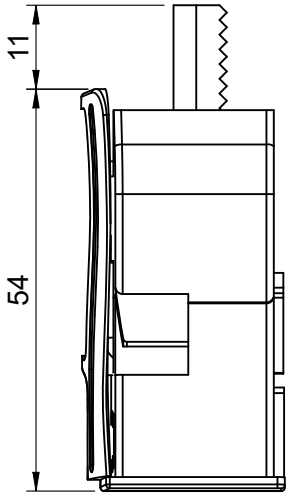


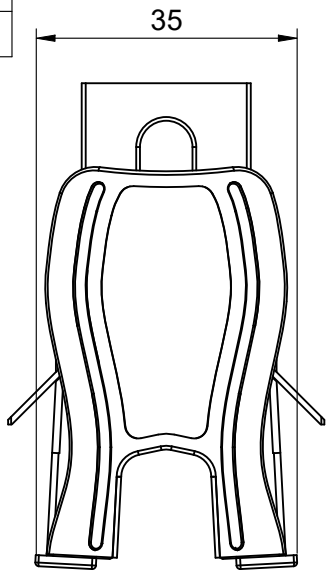


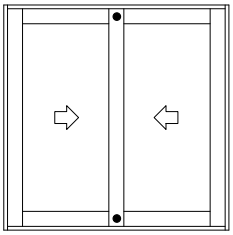


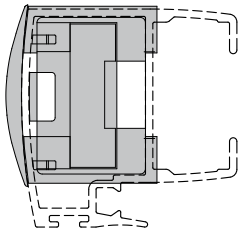
CVD-0002	Guia e Vedação Mão de Amigo
	Polímero Cor: Preto / Branco



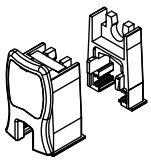


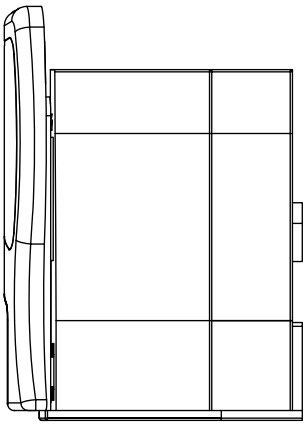


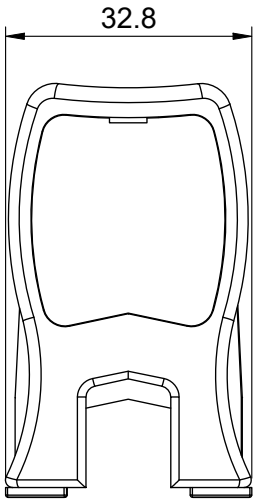


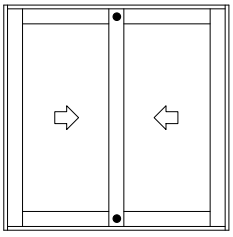


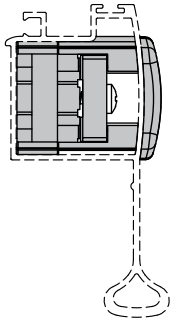
CVD-0003	Guia e Vedação Mão de Amigo
	Polímero Cor: Preto / Branco



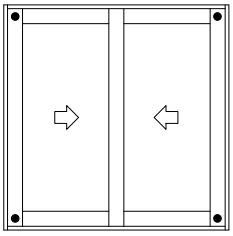


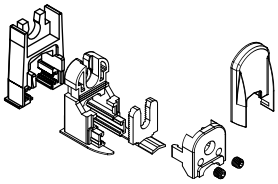


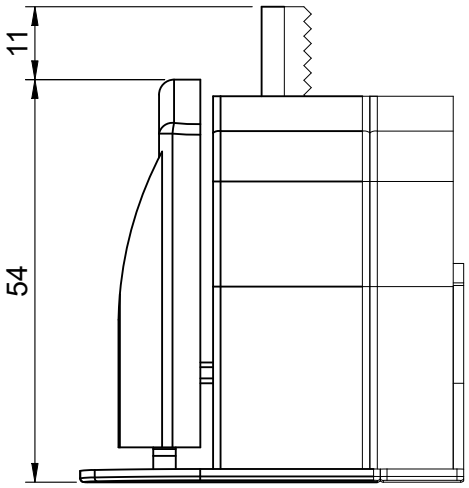


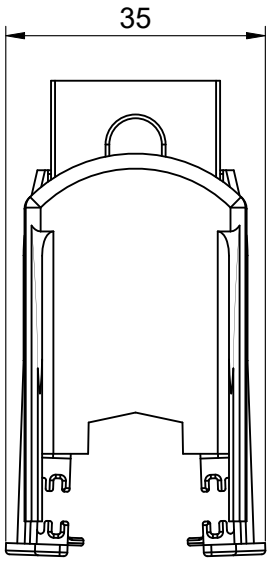


CVD-0004	Guia e Vedação Lateral
	Polímero Cor: Preto / Branco

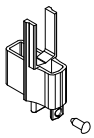


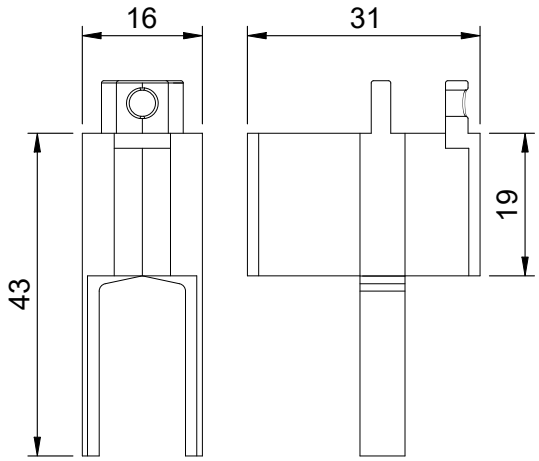


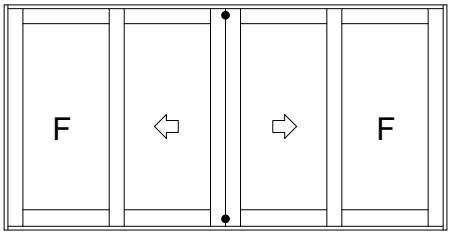


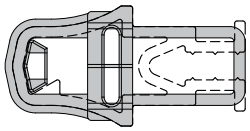


TMT-0003	Tampa do Mata Junta Central
	Polímero Cor: Preto / Branco

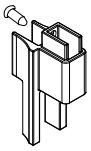


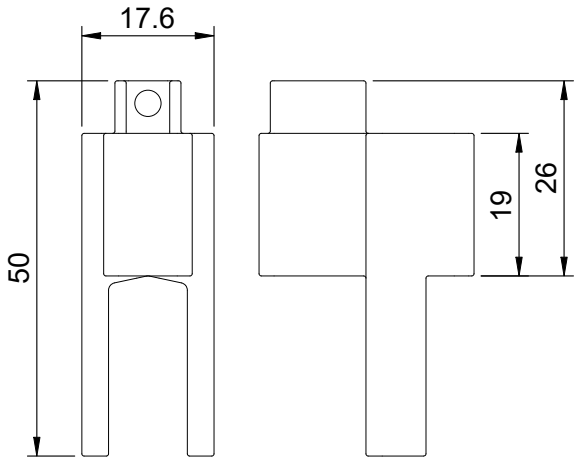


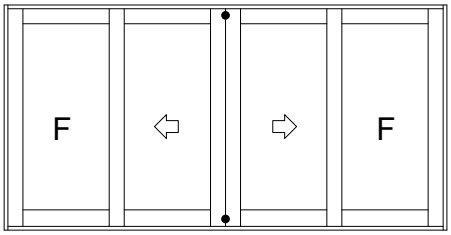


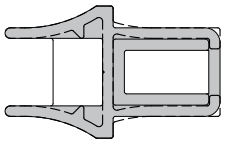


TMT-0011	Tampa Mata Junta Vidro Colado
	Polímero Cor: Preto / Branco

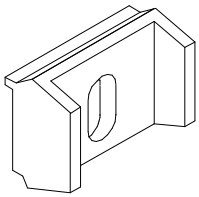


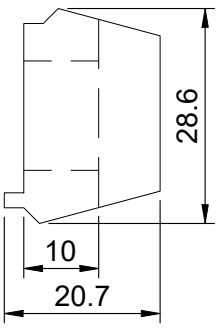


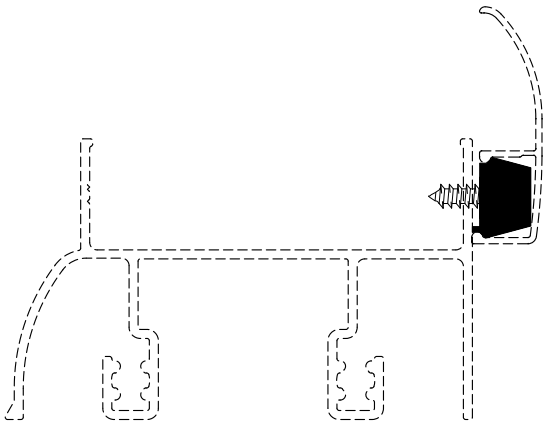


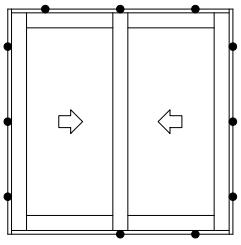


PRE-0002	Presilha de Arremate
	Polímero Cor: Preto / Branco

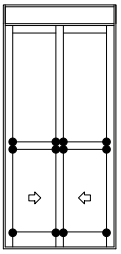


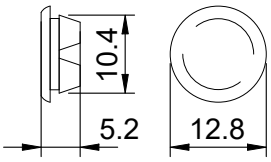


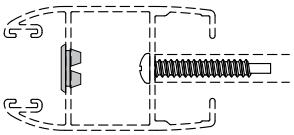




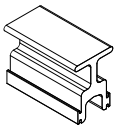
TMT-0004	Botão Tampa Furo
	Polímero Cor: Preto / Branco

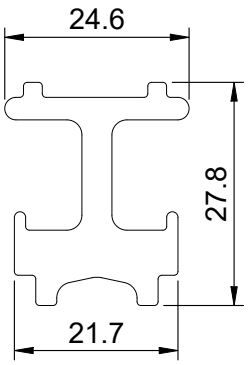


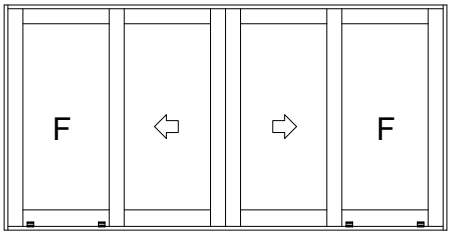


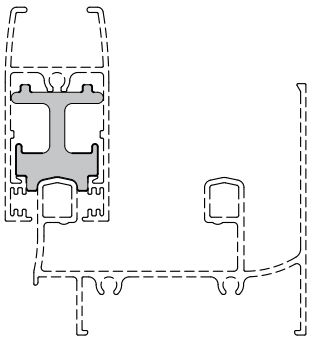


CFX-0001	Calço Folha Fixa
	Polímero Cor: Preto

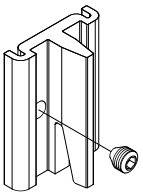


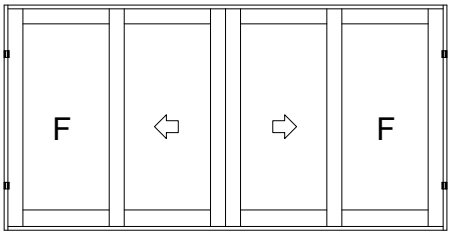


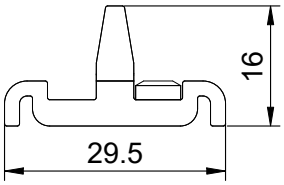


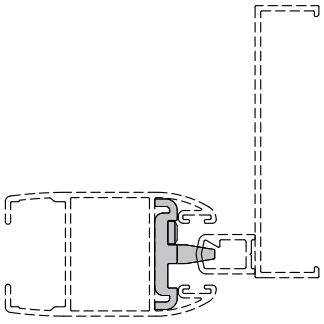


TFF-0001	Trava Folha Fixa
	Alumínio Natural

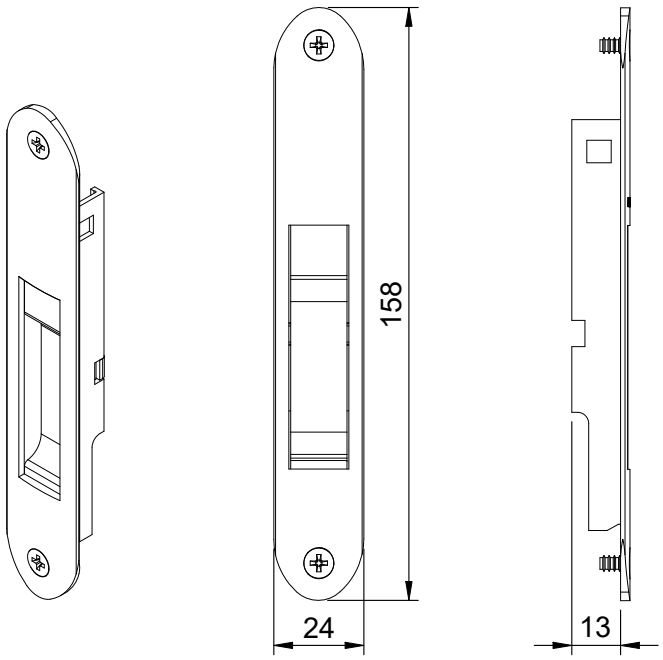




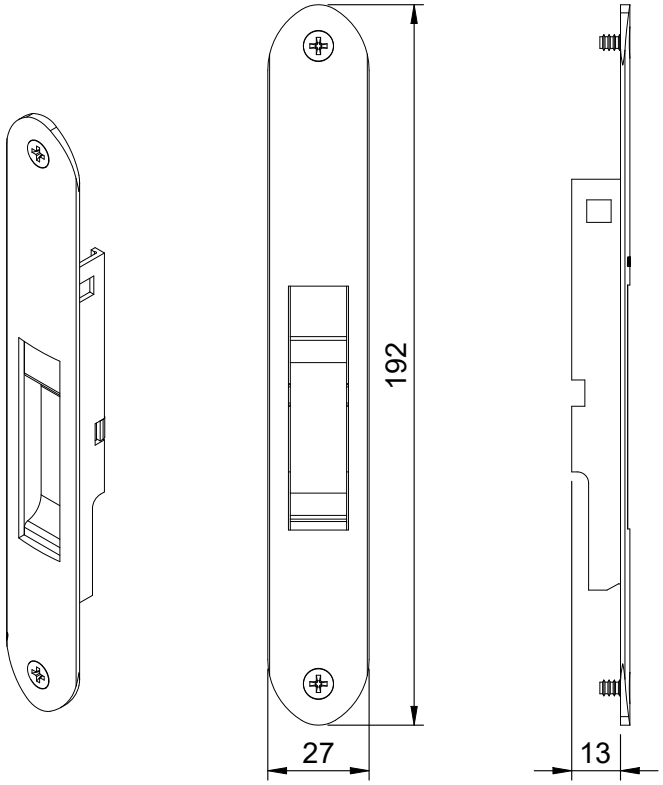




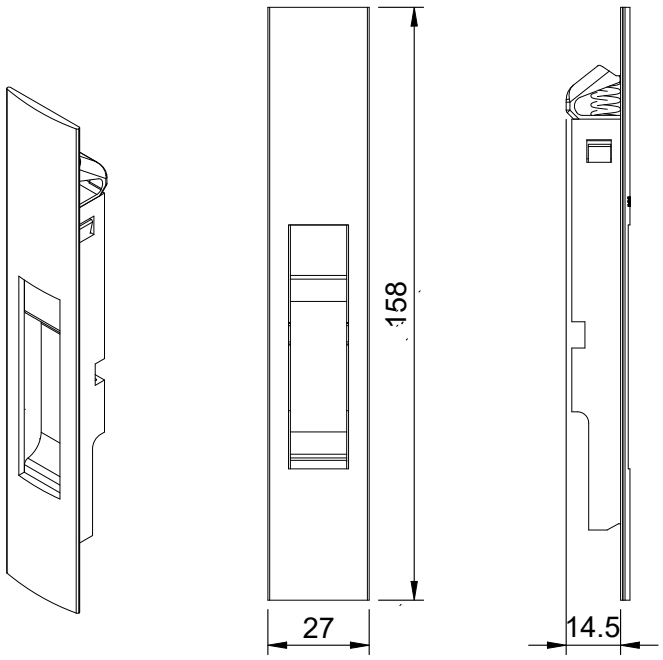
CHC-0001	Concha Cega Janela Fix. Ap.
	Alumínio / Polímero



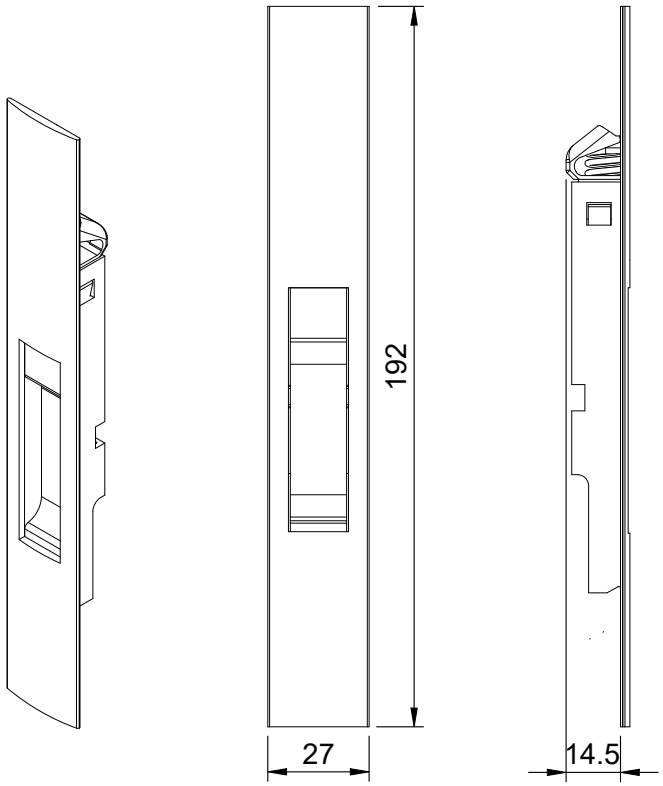
CHC-0002	Concha Cega Porta Fix. Ap.
	Alumínio / Polímero



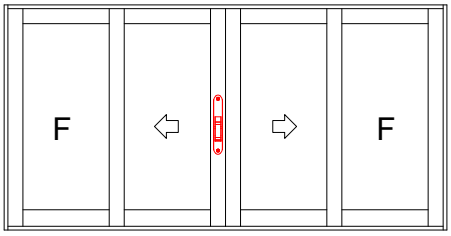
CHC-0003	Concha Cega Janela
	Alumínio / Polímero

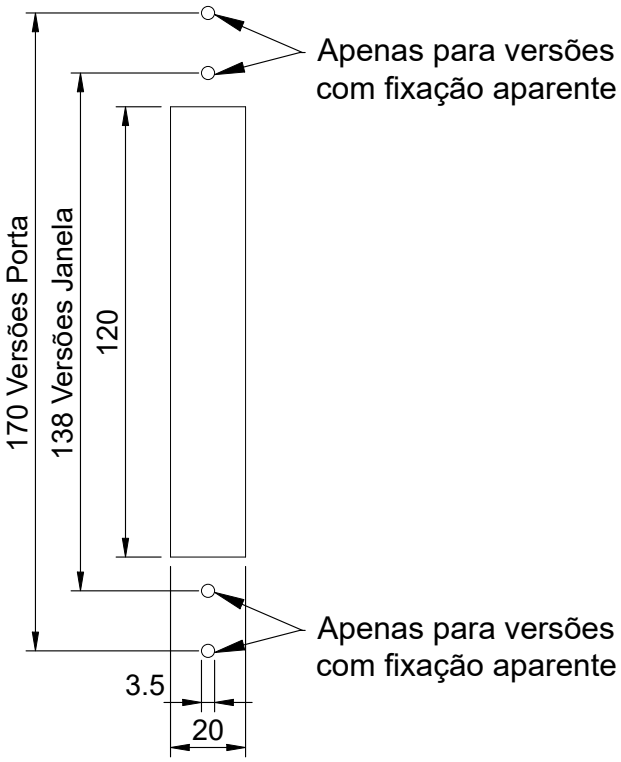


CHC-0004	Concha Cega Porta
	Alumínio / Polímero

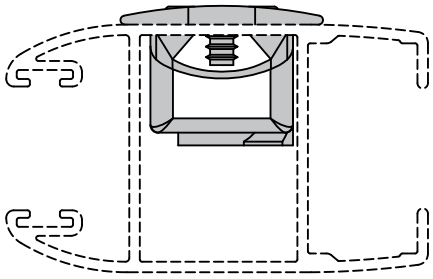


USINAGEM	Concha Cega
	Estampo / Pantógrafo

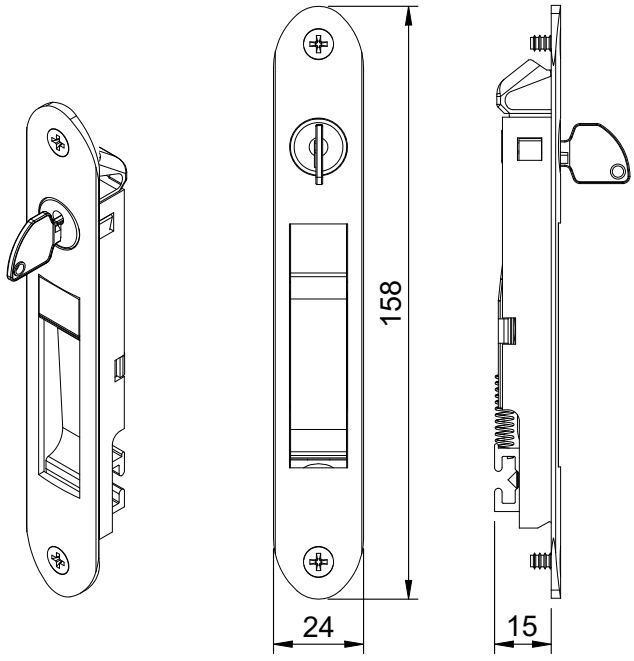




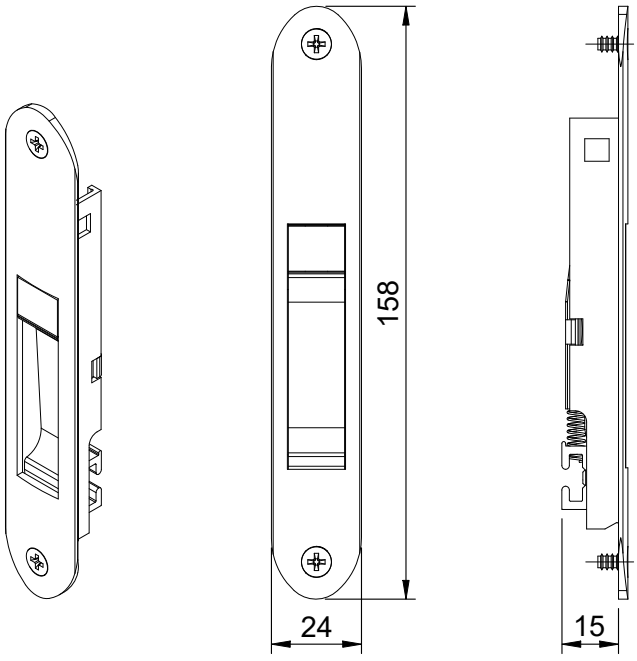
*OBSERVAÇÃO: Consultar catálogos dos fornecedores para validação das usinagens e verificação de outras opções de produtos.



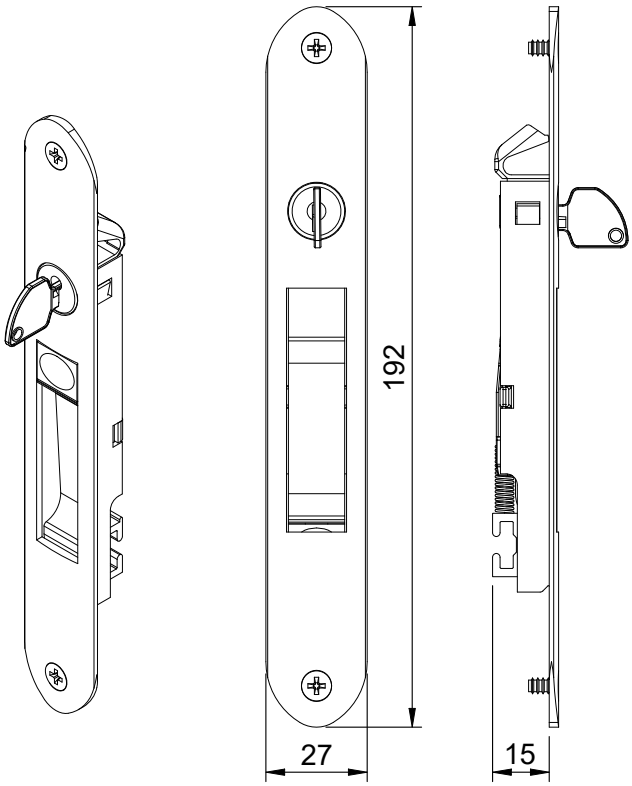
FHC-0001	Fecho Janela com Chave Fix. Ap
	Alumínio / Polímero



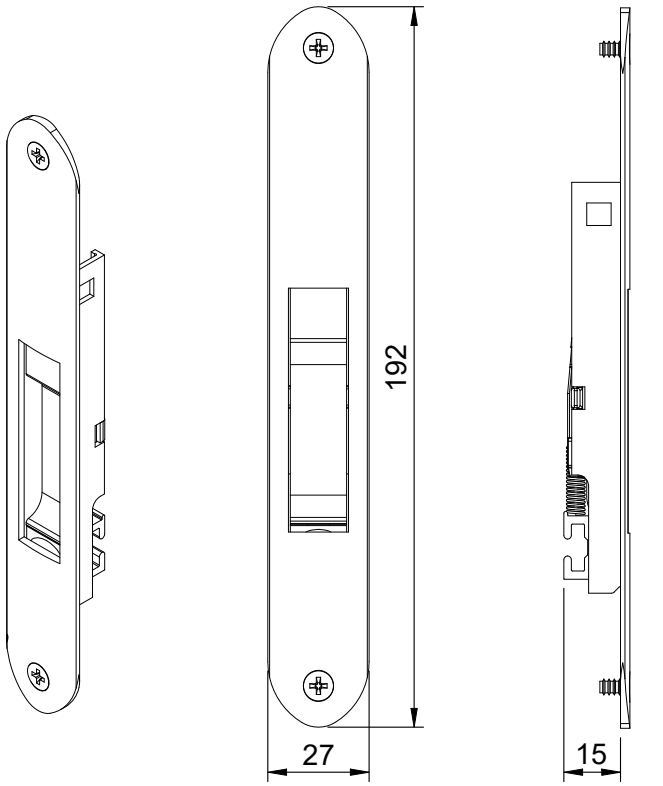
FHC-0002	Fecho Janela sem Chave Fix. Ap
	Alumínio / Polímero



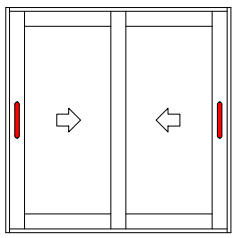
FCH-0003	Fecho Porta com Chave Fix. Ap
	Alumínio / Polímero

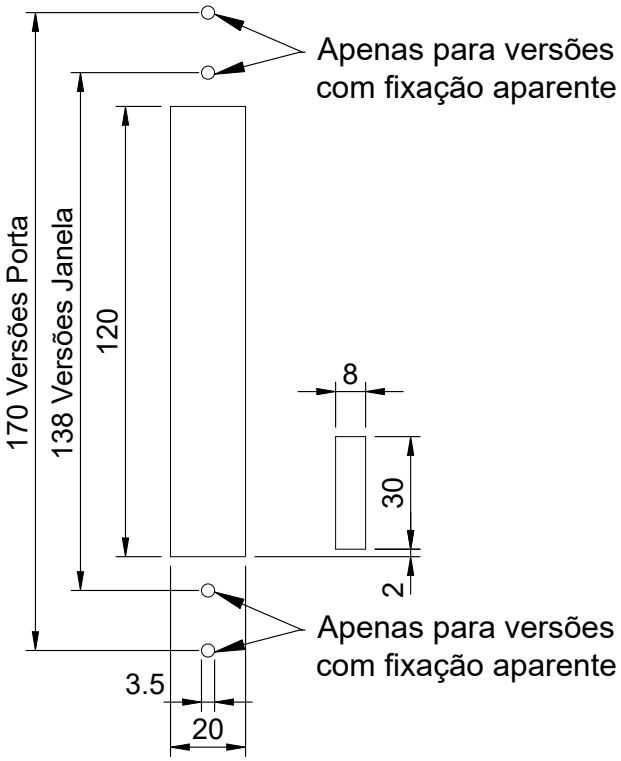


FCH-0004	Fecho Porta sem Chave Fix. Ap
	Alumínio / Polímero

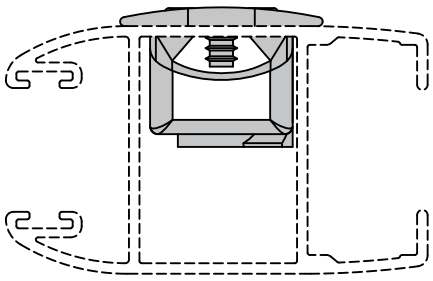


USINAGEM	Fecho Concha Tradicional/Slide
	Estampo / Pantógrafo

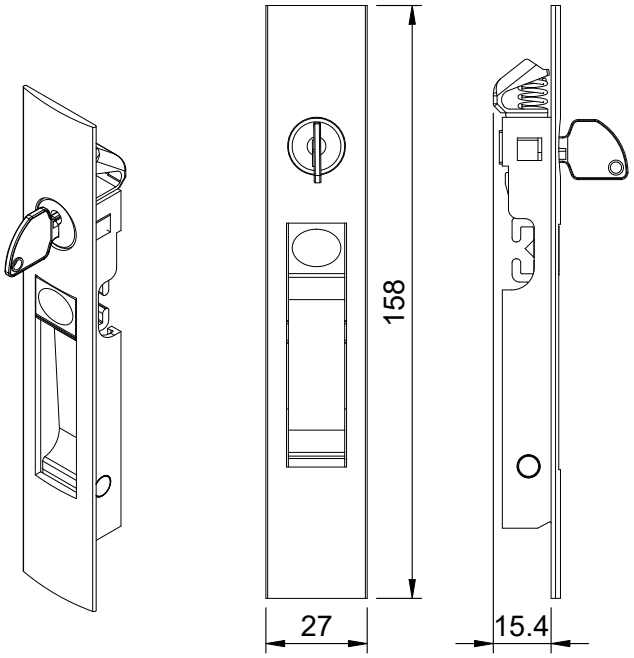




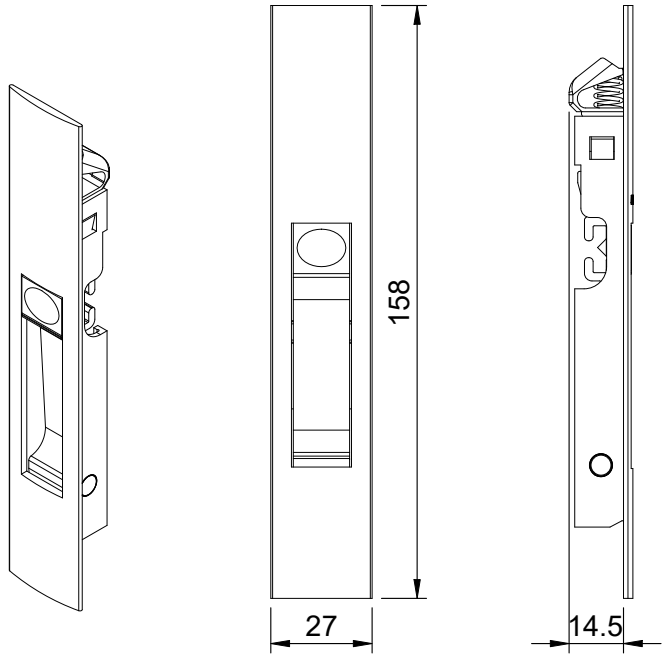
*OBSERVAÇÃO: Consultar catálogos dos fornecedores para validação das usinagens e verificação de outras opções de produtos.



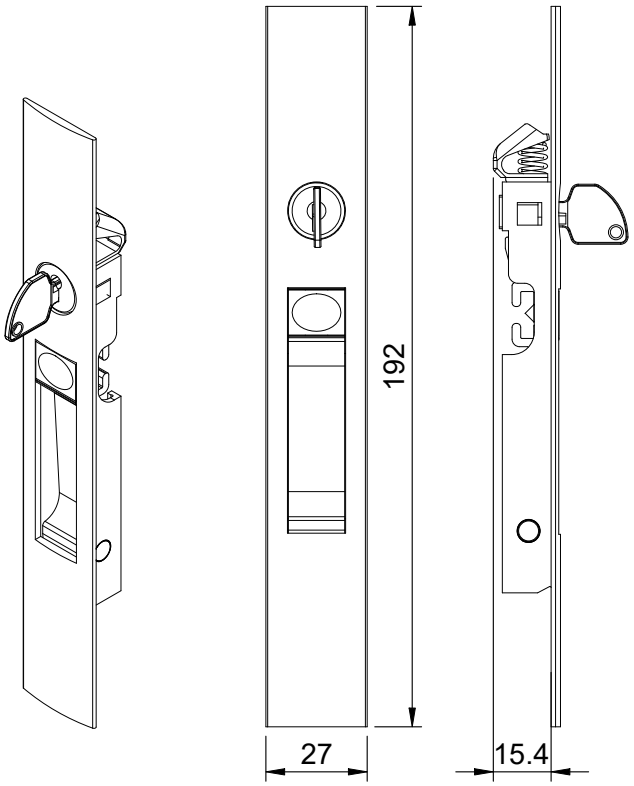
FHC-0005	Fecho Janela com Chave
	Alumínio / Polímero



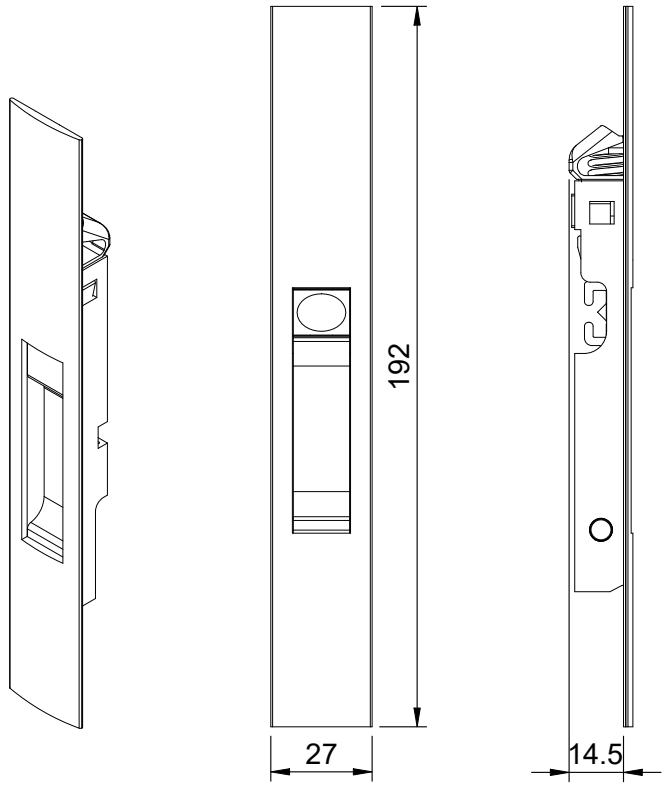
FHC-0006	Fecho Janela sem Chave
	Alumínio / Polímero



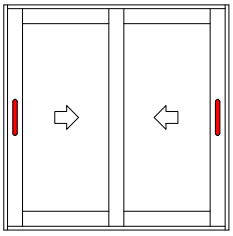
FHC-0026	Fecho Porta com Chave
	Alumínio / Polímero

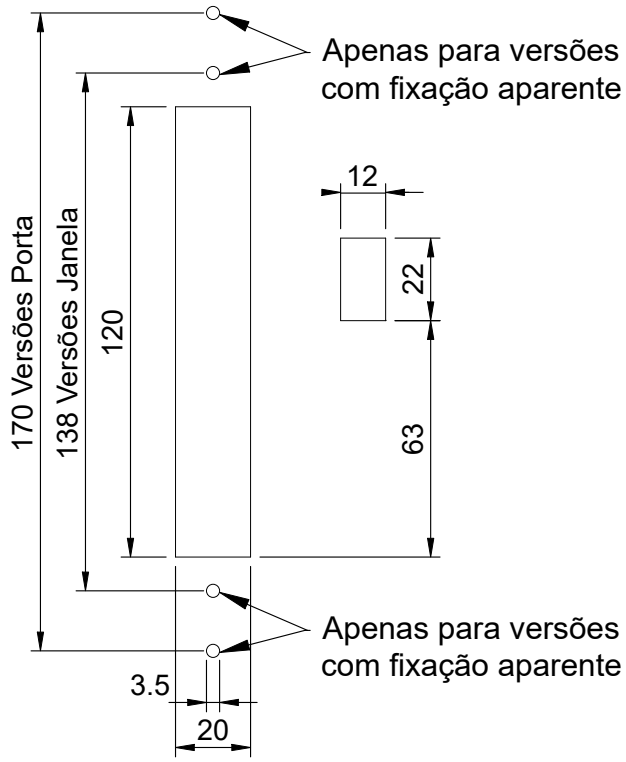


FHC-0027	Fecho Porta sem Chave
	Alumínio / Polímero

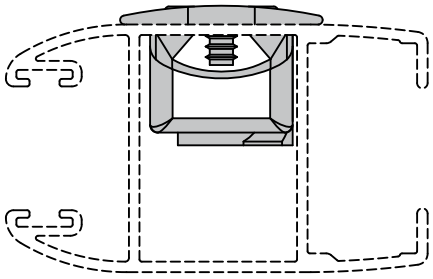


USINAGEM	Fecho Concha Toque
	Estampo / Pantógrafo

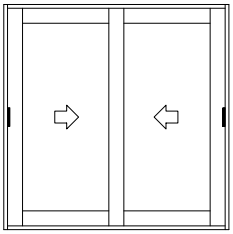


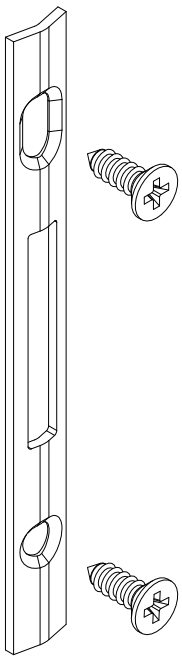


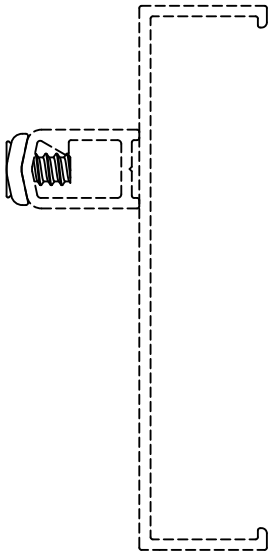
*OBSERVAÇÃO: Consultar catálogos dos fornecedores para validação das usinagens e verificação de outras opções de produtos.



CTF-0001	Contra Fecho Lateral / Central
	Aço inox - Natural

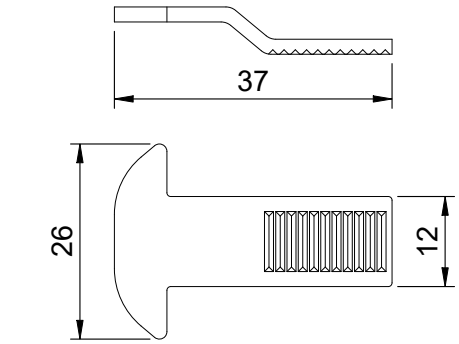


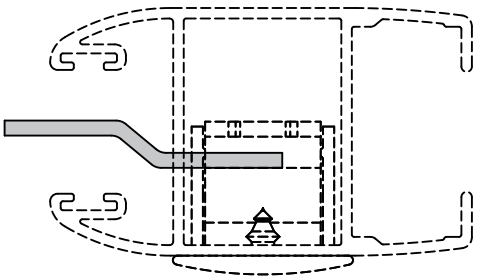




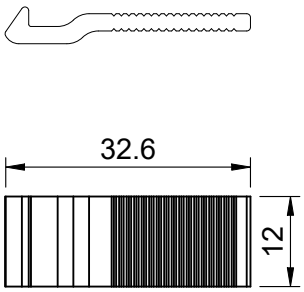
*Usinagem consultar ficha técnica do Fornecedor

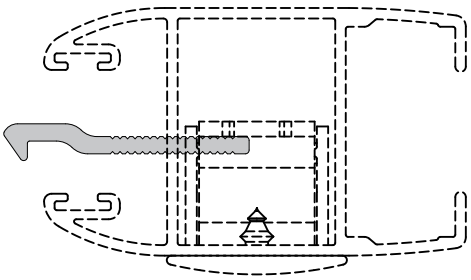
TRV-0001	Lingueta da Concha Trad.
	Aço Inox - Natural



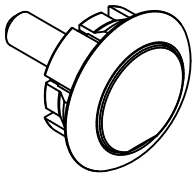


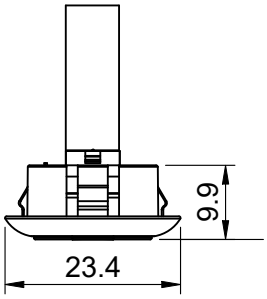
TRV-0002	Lingueta da Concha Touch
	Alumínio

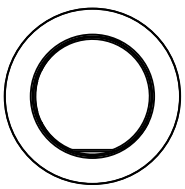


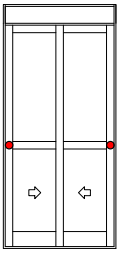


BOT-3301	Botão de Destravamento Externo
	Polímero Cor: Preto / Branco

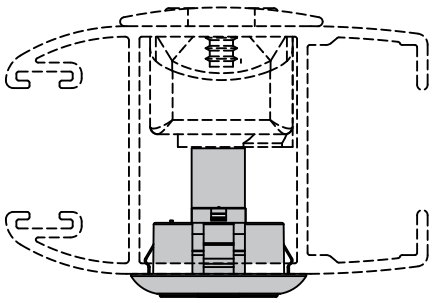




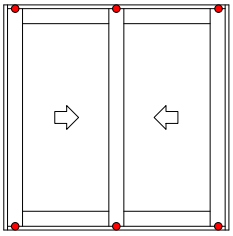


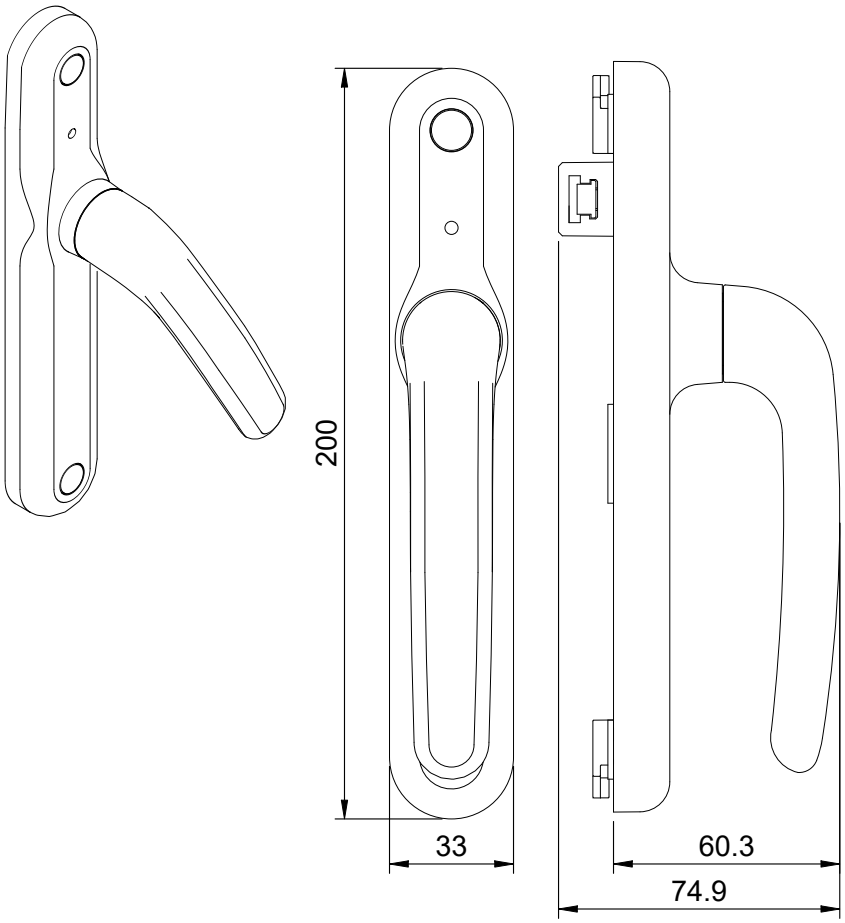


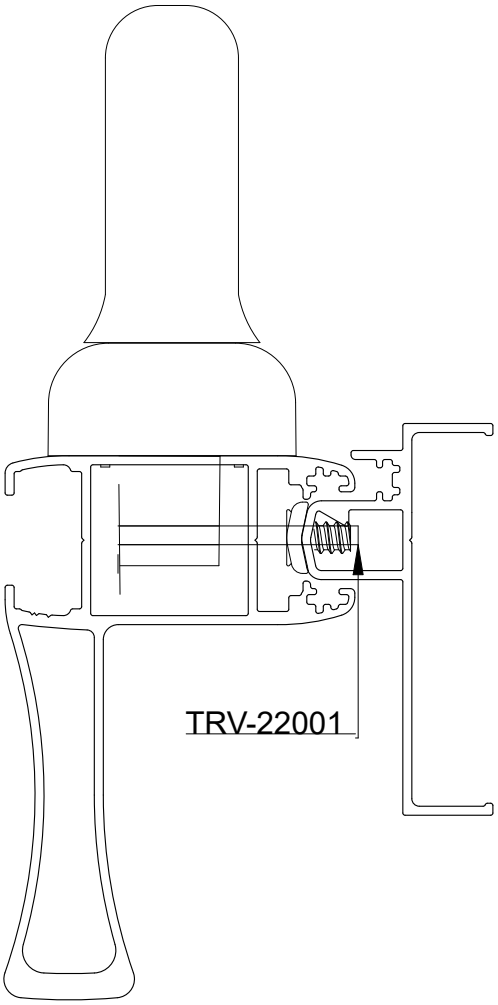
*OBSERVAÇÃO: Consultar catálogos dos fornecedores para validação das usinagens e verificação de outras opções de produtos.



FCH-0038	Fecho Cremona
	Conforme Fornecedor

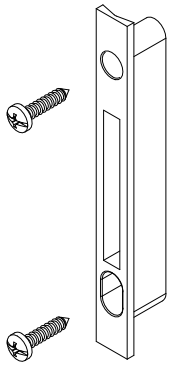




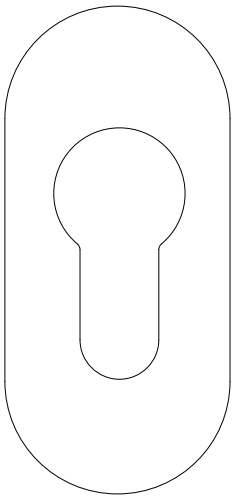


*Usinagem consultar ficha técnica do Fornecedor

CTF-0002	Contra Fecho Cremona Lat./Cent.
	Zamak

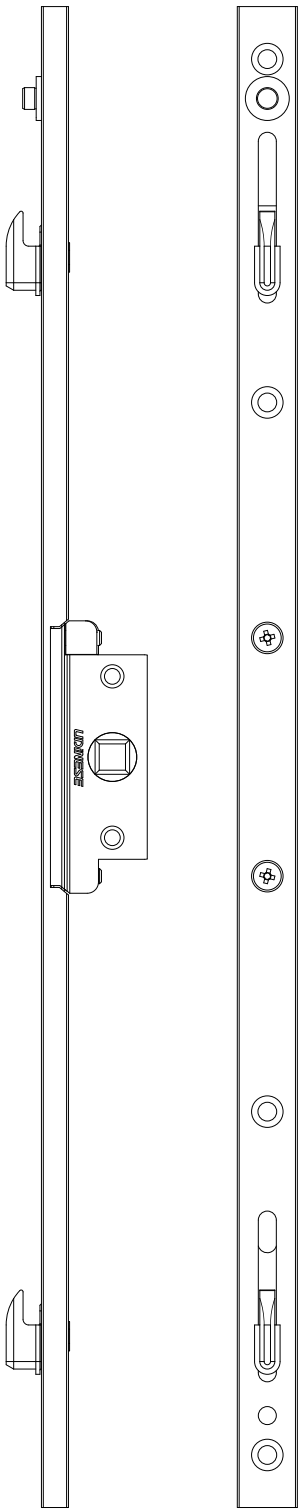


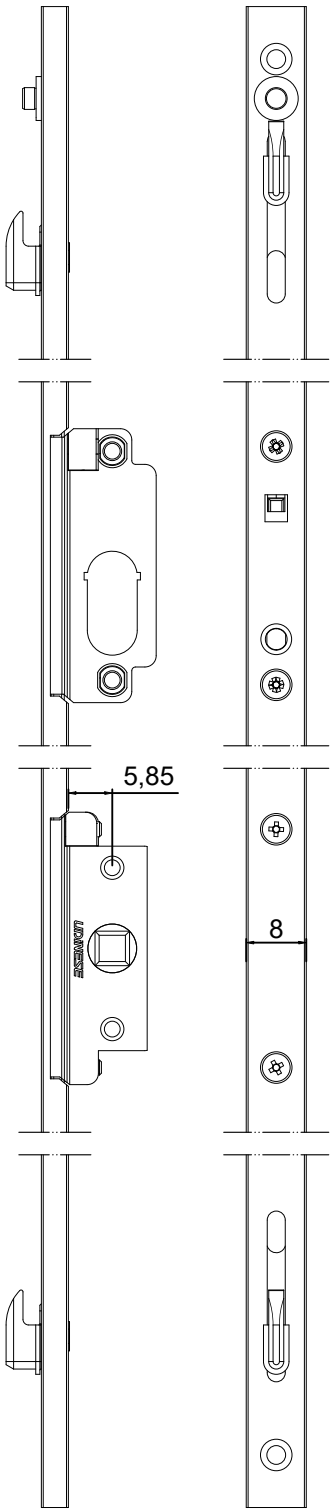
EPL-0001	Espelho Para o Cilindro
	Conforme Fornecedor



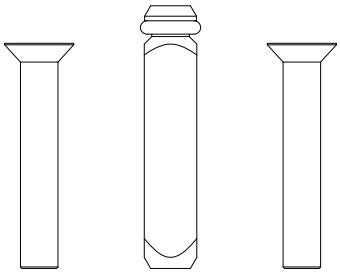
Mecânismo Cremona Com Chave	
MPC-3403	Mec.Cremona sem Chave 600mm
MPC-3404	Mec.Cremona sem Chave 1600mm

Mecânismo Cremona Sem Chave	
MPC-3401	Mec.Cremona com Chave 600mm
MPC-3402	Mec.Cremona com Chave 1600mm

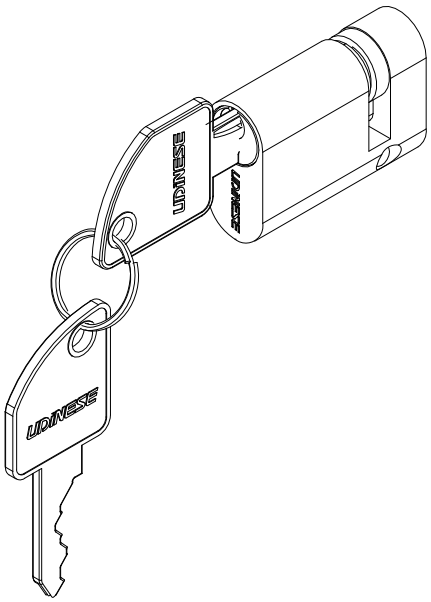




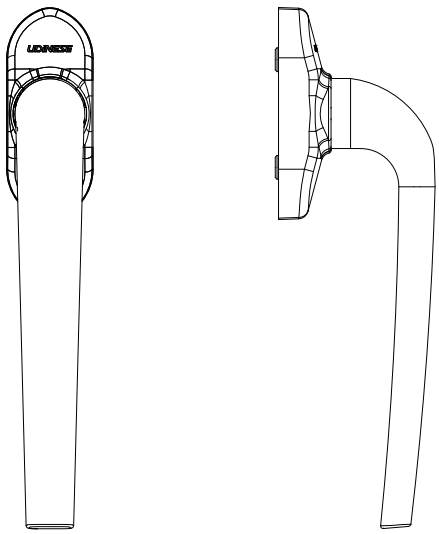
HST-0002	Haste Para Cremona Interna
	Conforme Fornecedor

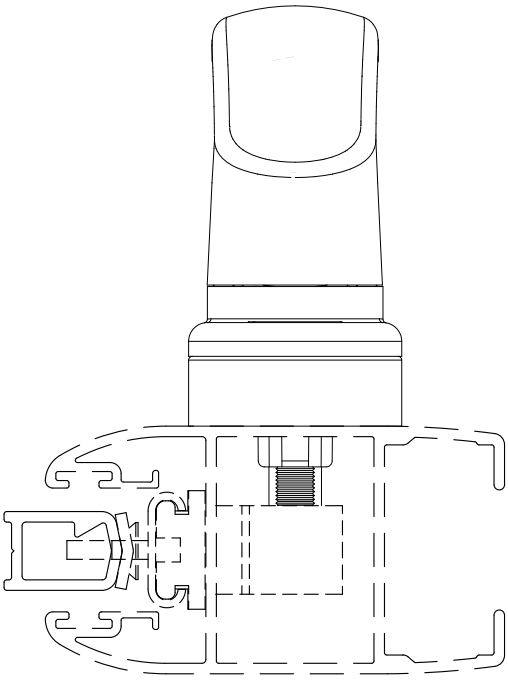


CLD-3402	Cilindro Interno
	Conforme Fornecedor

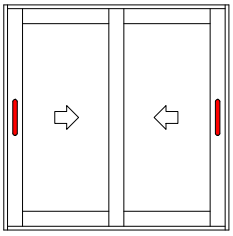


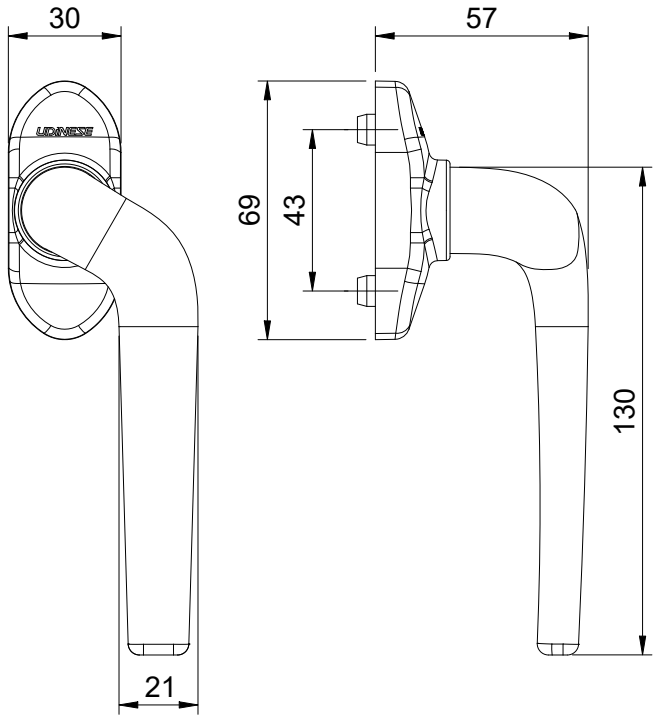
CMN-3402	Maçaneta Cremona Simples
	Conforme Fornecedor

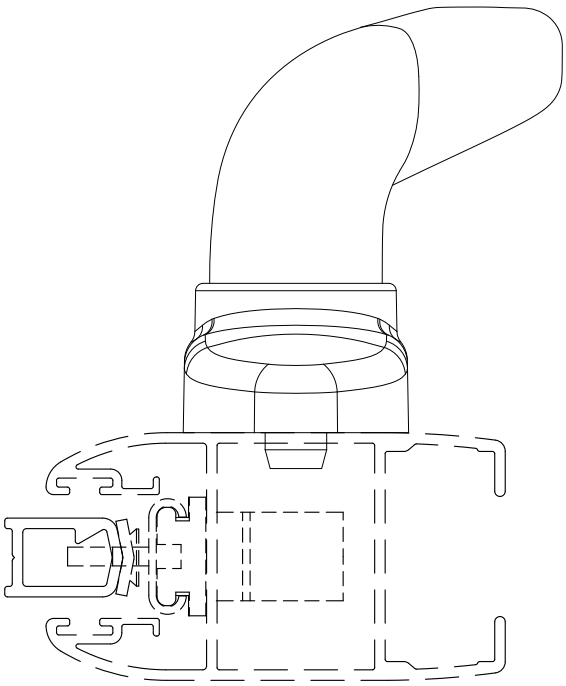




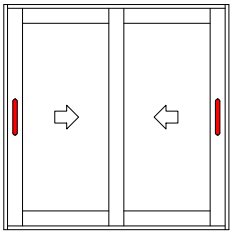
CMN-3403	Maçaneta Cremona EXC. DIR
	Conforme Fornecedor

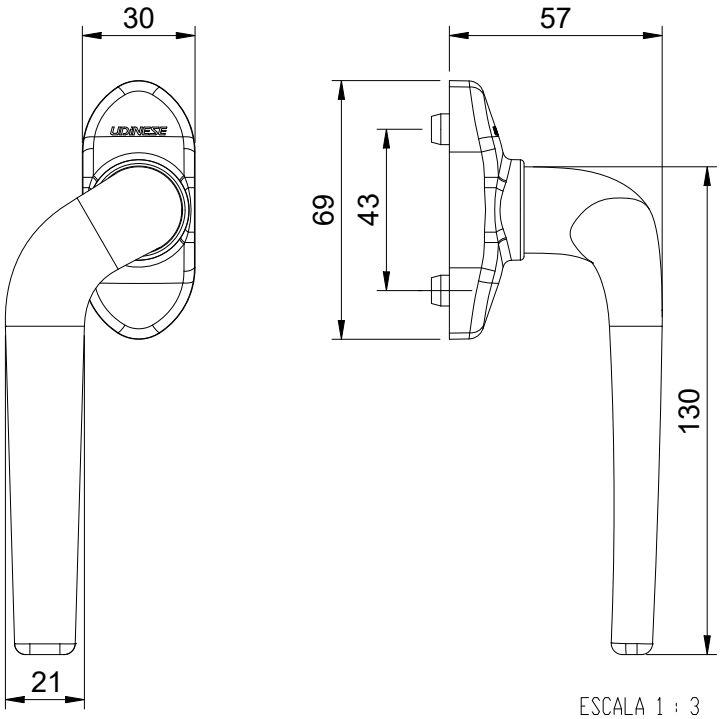




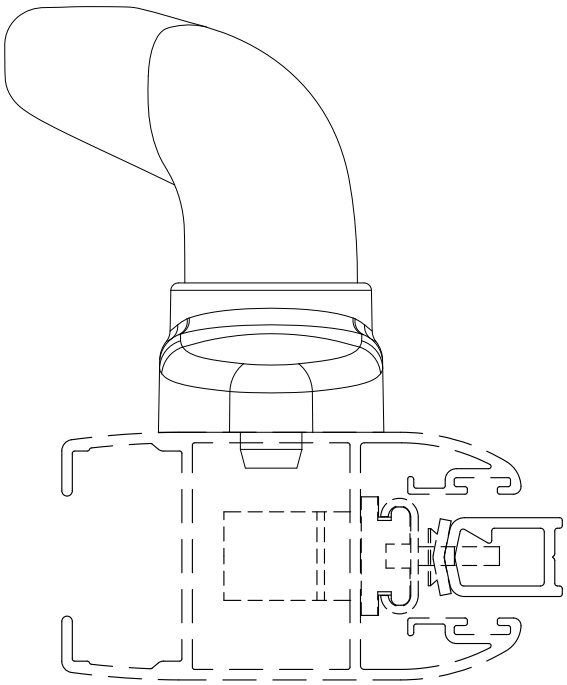


CMN-3404	Maçaneta Cremona EXC. ESQ
	Conforme Fornecedor

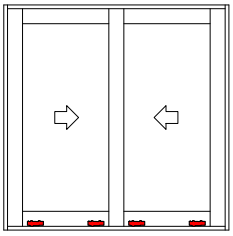


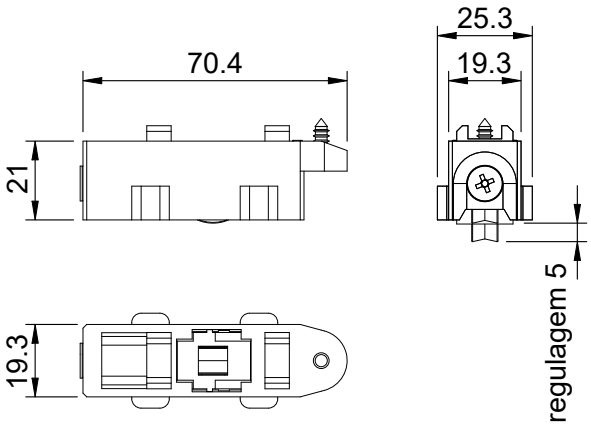


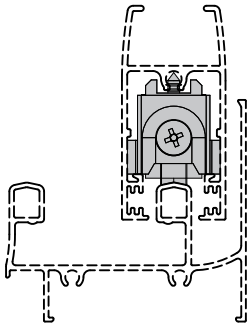
ESCALA 1 : 3



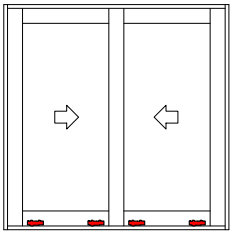
RLD-0001	Rol. Simples c/ Reg. e Rolamento
	Polímero : 40kg Por Folha (Máx)

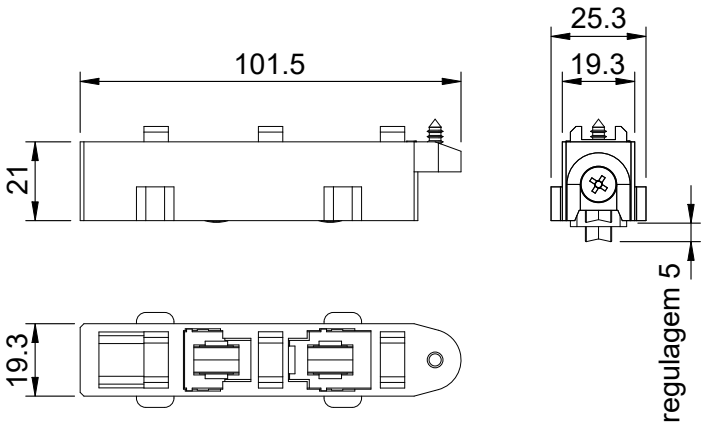


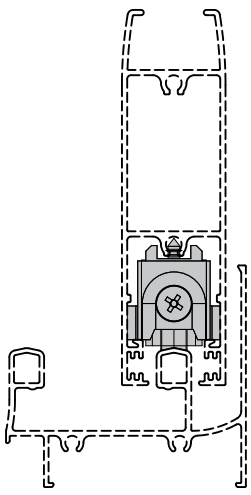




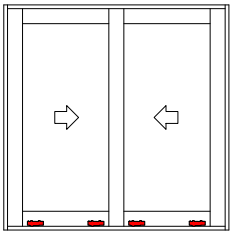
RLD-0002	Rol. Dupla c/ Reg. e Rolamento
	Polímero : 80kg Por Folha (Máx)

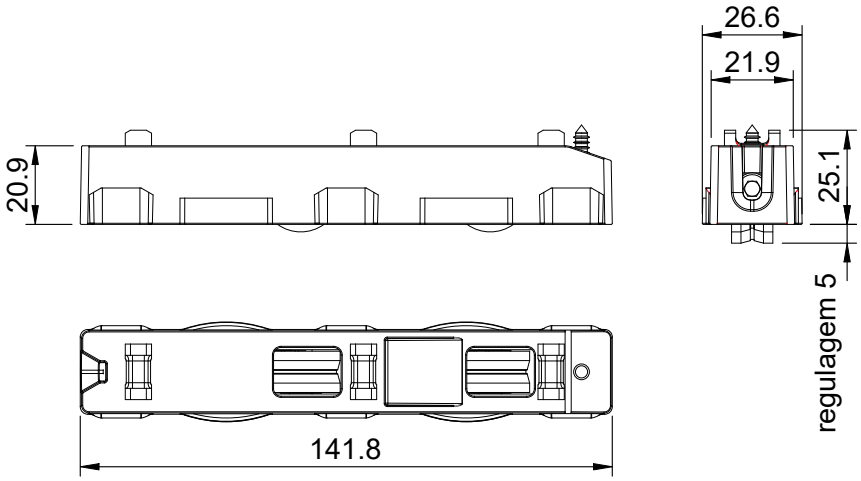


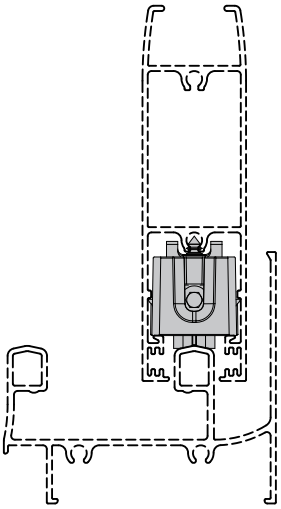




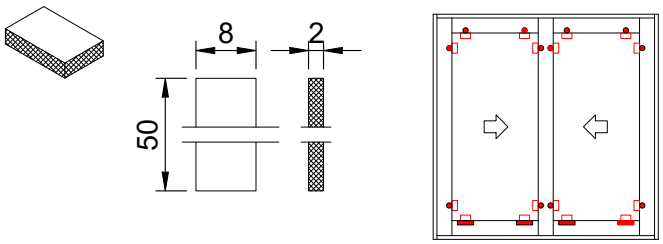
RLD-0011	Rol. Dupla c/ Reg. e Rolamento
	Polímero : 200kg Por Folha (Máx)

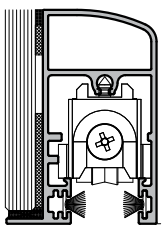






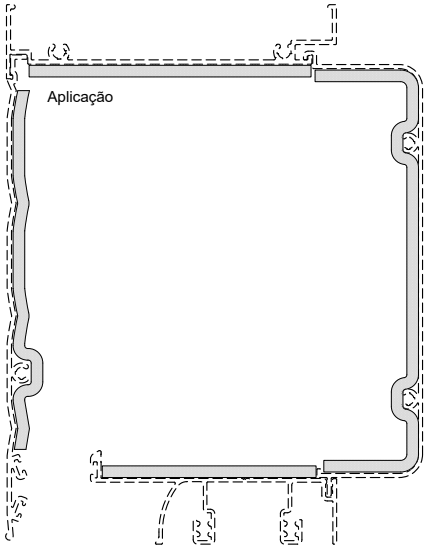
CAL-0802	Calço Para Vidro Colado
	Polímero

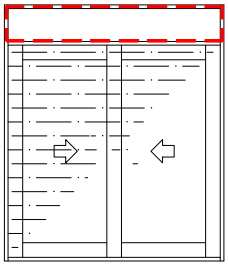




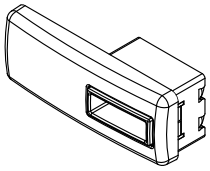
LEGENDA	
	Calço de apoio
	Cunhas
	Calço periféricos de segurança
Detalhe de calço conforme a norma abnt 7199 /2016	

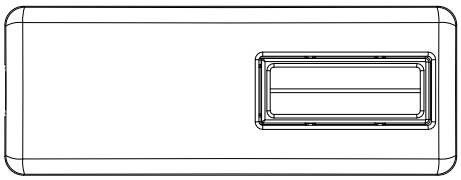
MTA-0001	Manta Acústica
	Isolamento da Caixa da Persiana

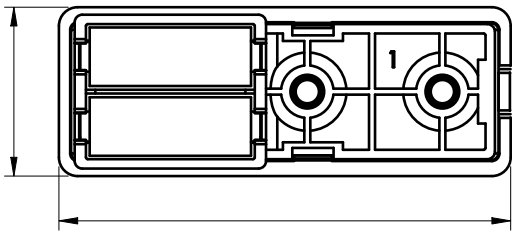


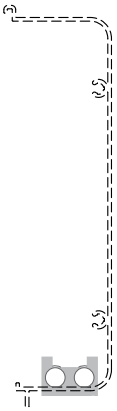


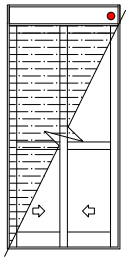
GCT-0003	Guia Inferior da Cinta
	Polímero Cor: Preto / Branco





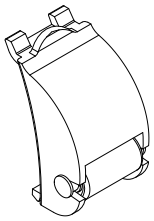


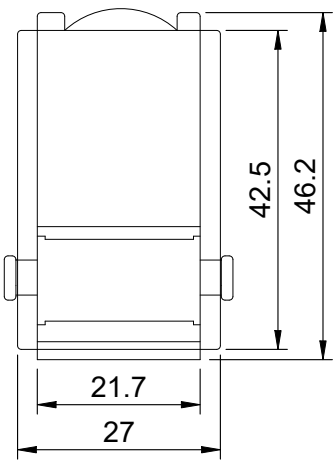


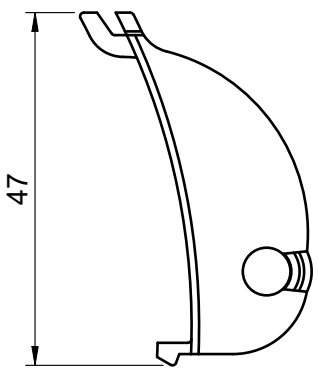


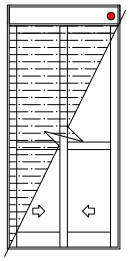
*Usinagem consultar ficha técnica do Fornecedor

GCT-0004	Guia Frontal da Cinta
	Polímero Cor: Preto / Branco



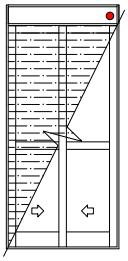


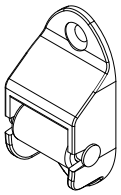


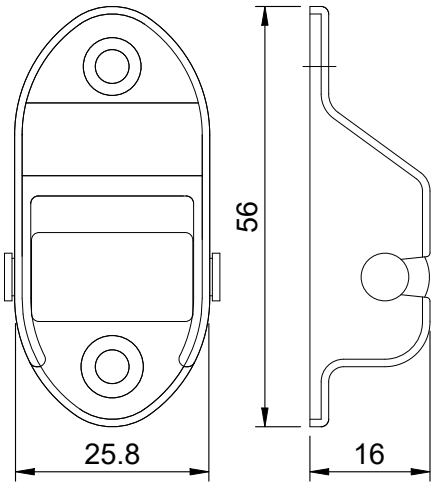


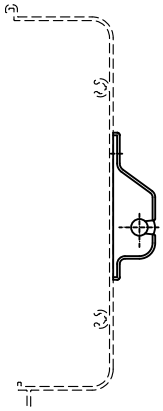
*Usinagem consultar ficha técnica do Fornecedor

GCT-0005	Guia Frontal da Cinta Reta
	Polímero Cor: Preto / Branco



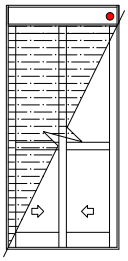


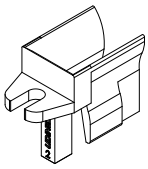


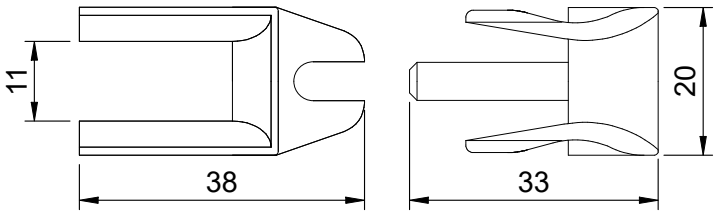


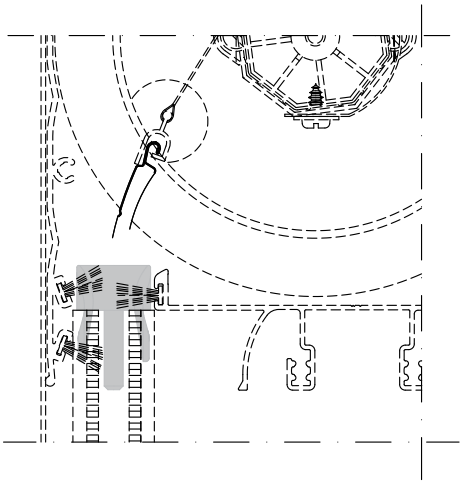
*Usinagem consultar ficha técnica do Fornecedor

GPE-0005	Guia da Esteira
	Polímero Cor: Preto

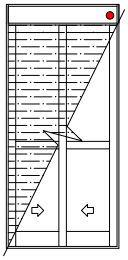


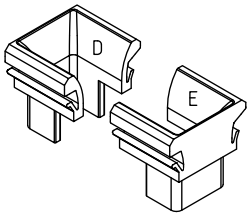


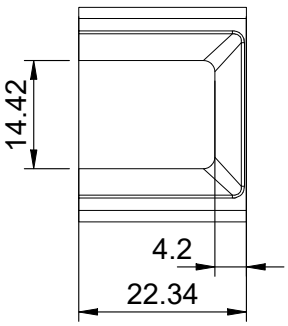


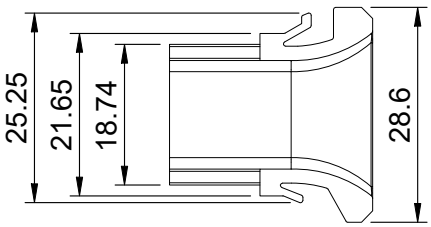


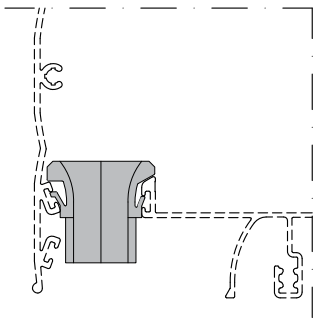
GPE-0006	Guia da Esteira
	Polímero Cor: Preto



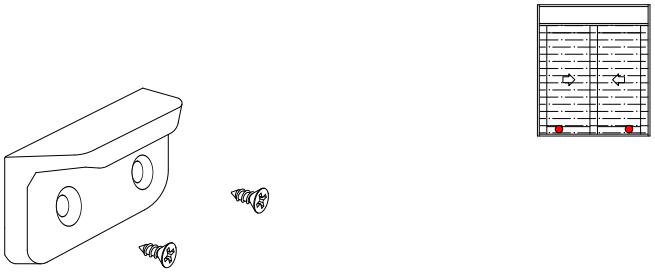




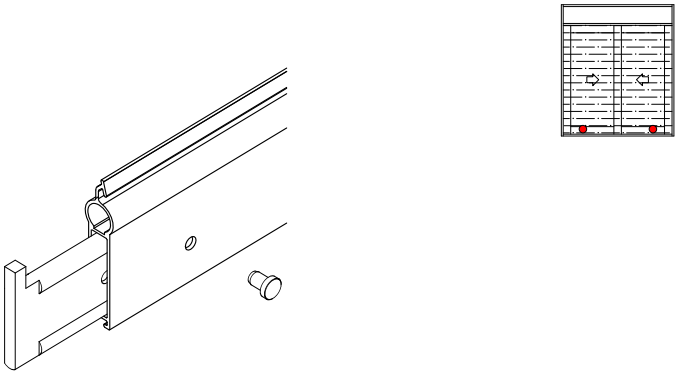


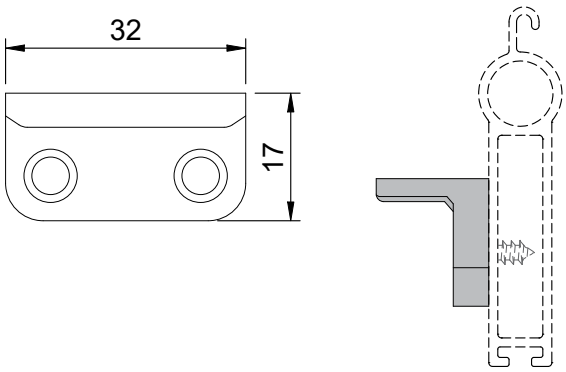


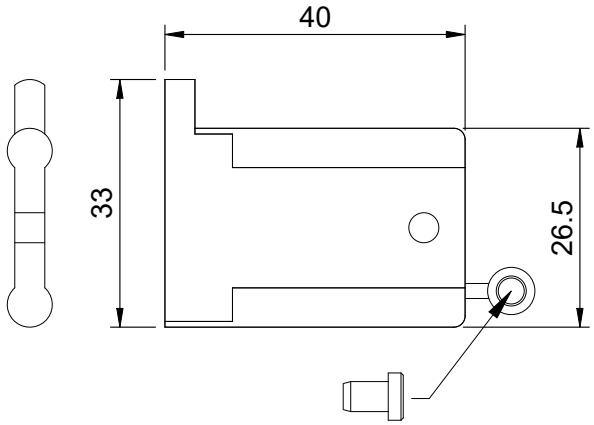
LPE-0001	Limitador da Esteira
	Polímero Cor: Preto / Branco



GPE-0002	Guia Limitador da Esteira
	Polímero Cor: Preto



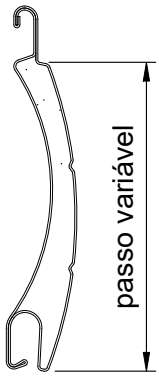


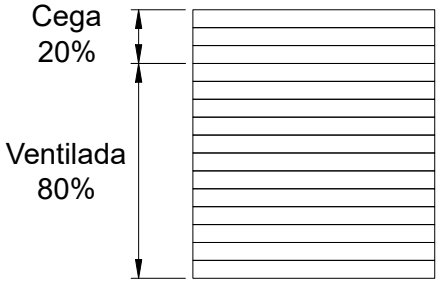


*Usinagem consultar ficha técnica do Fornecedor

PAC-0001	Palheta Cega

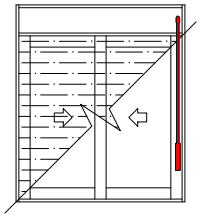
PAV-0001	Palheta Ventilada

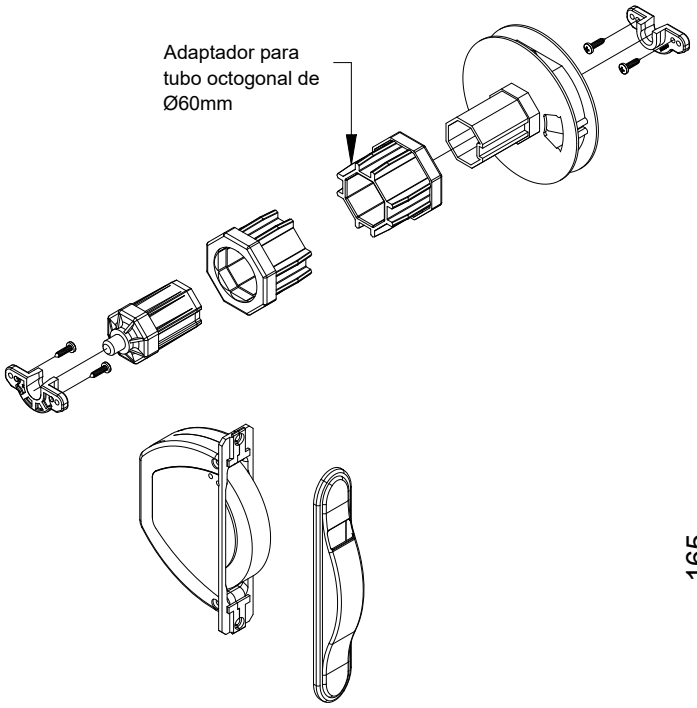




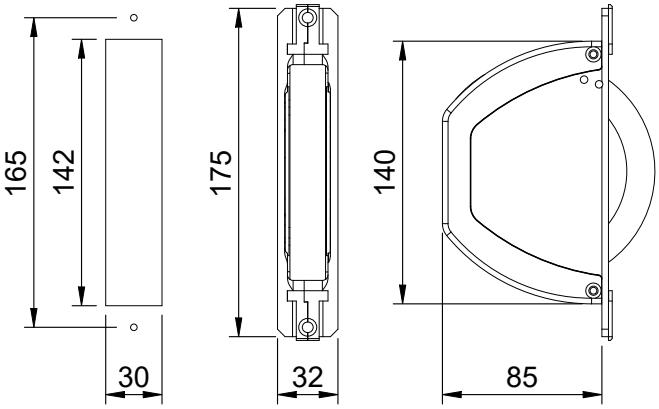
*Largura máxima e peso consultar ficha técnica do Fornecedor

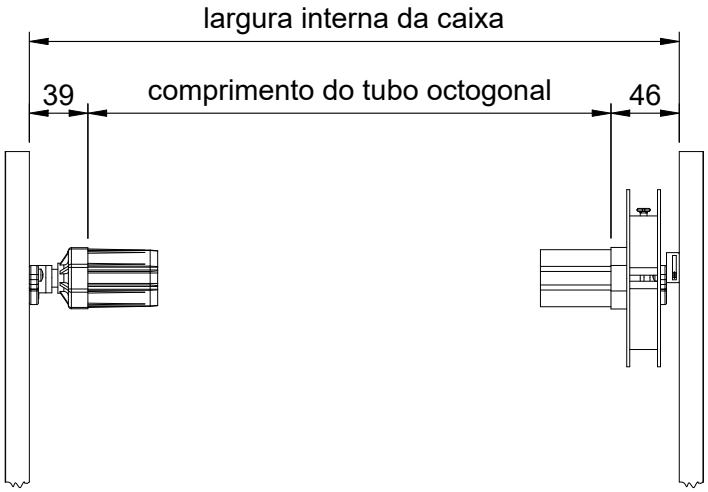
RCO-0001	Recolhedor Manual Janela
	Cor: Preto / Branco

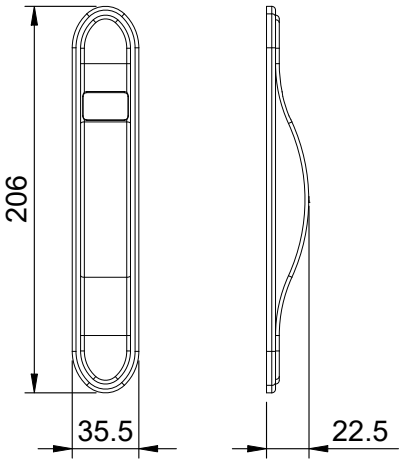




Usinagens

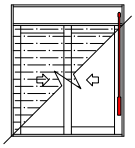


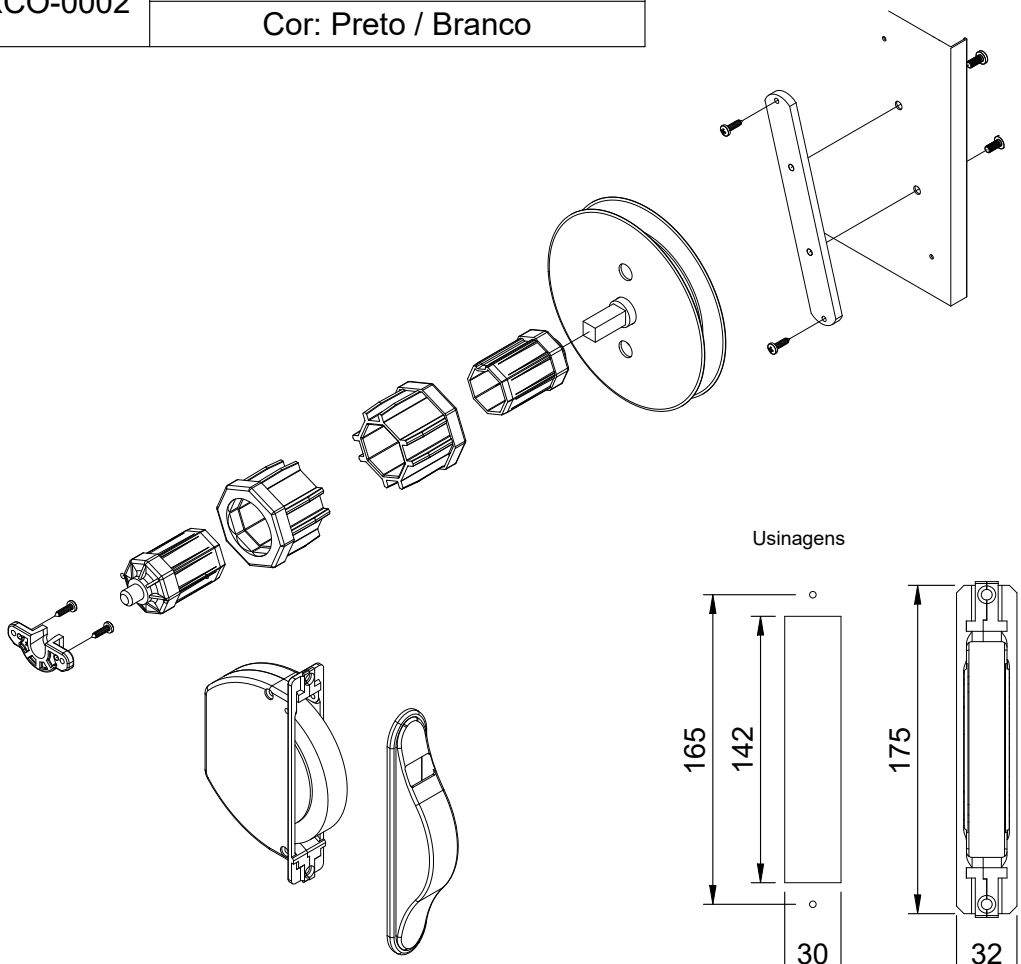




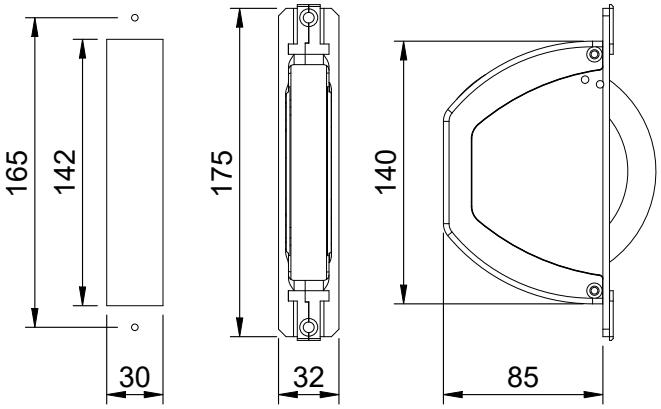
*Usinagem consultar ficha técnica do Fornecedor

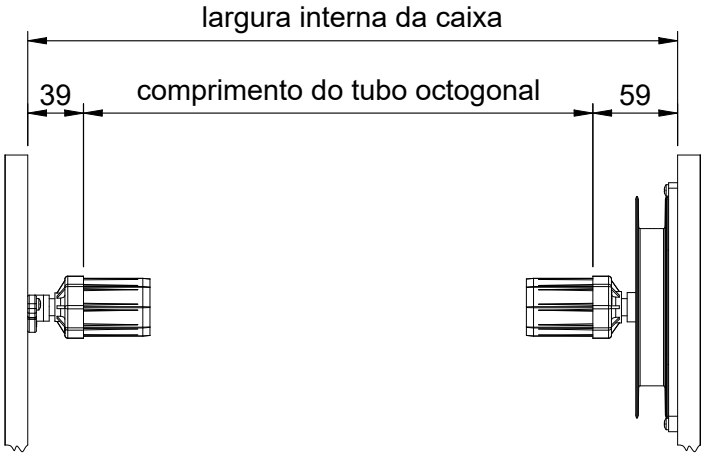
RCO-0002	Recolhedor Manual Porta
	Cor: Preto / Branco

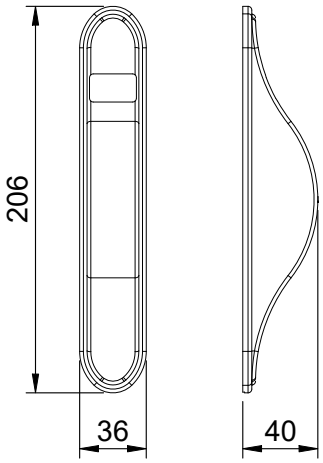




Usinagens

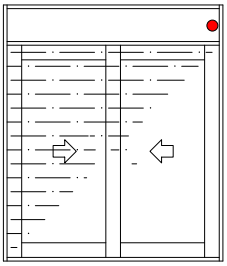


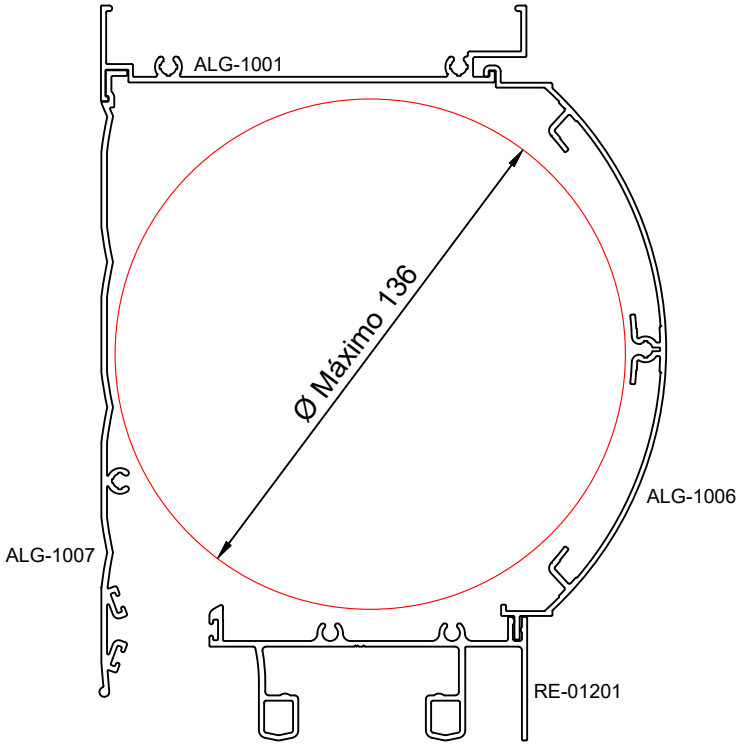


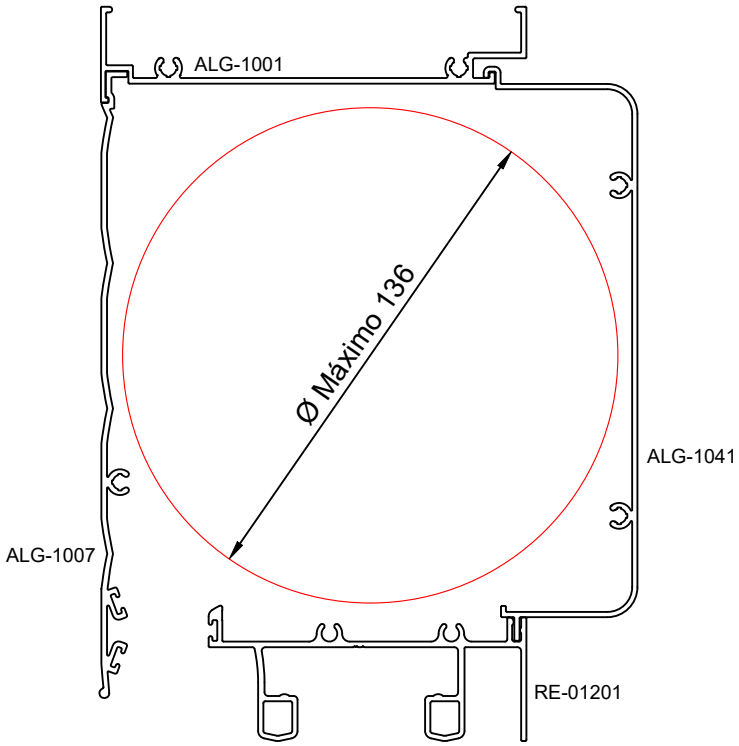


*Usinagem consultar ficha técnica do Fornecedor

Medidas máximas do rolo na caixa da persiana janelas

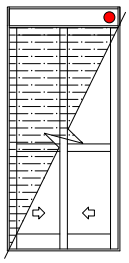


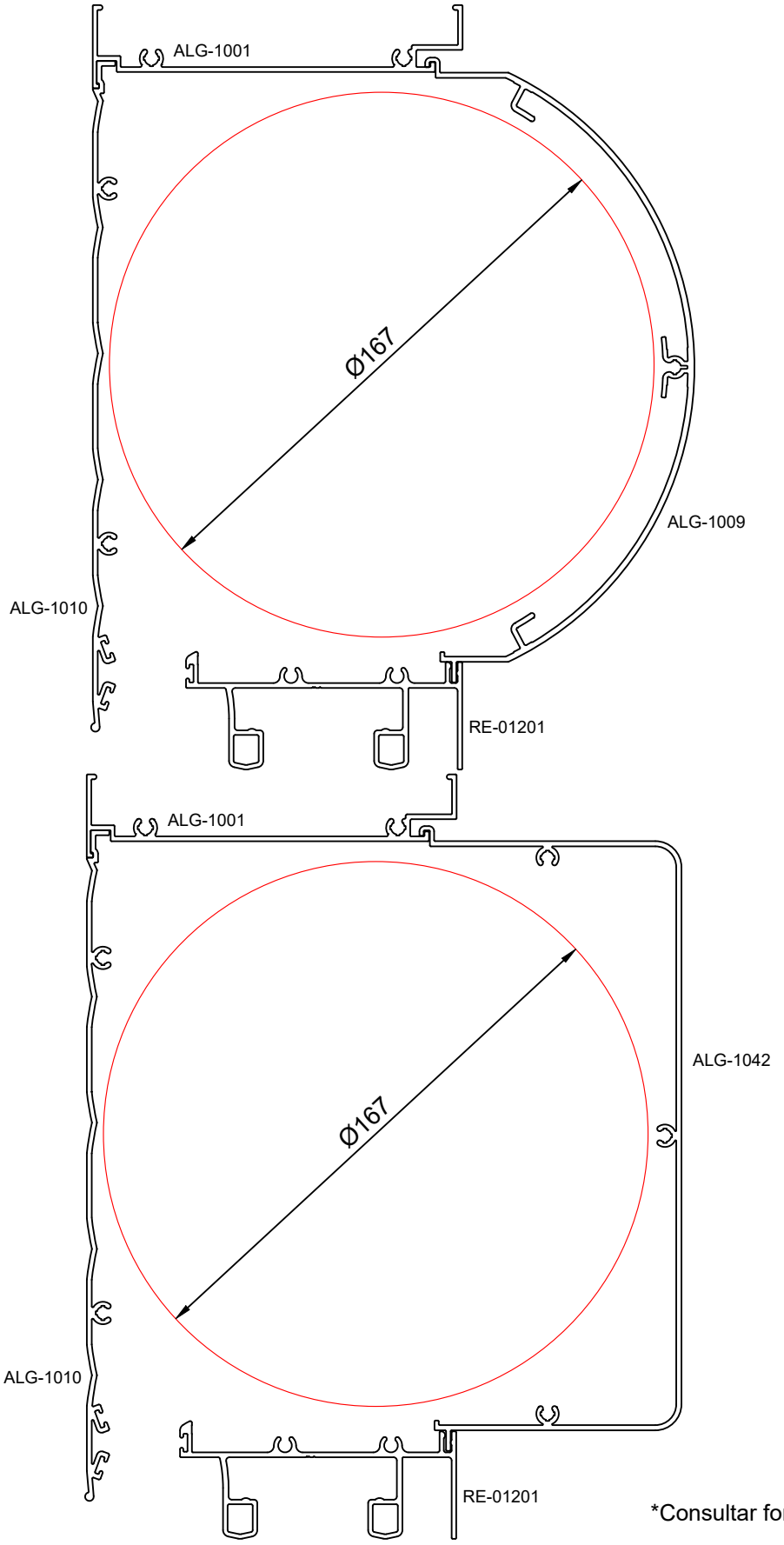




*Consultar fornecedor para dimensões da esteira

Medidas máximas do rolo na caixa da persiana portas





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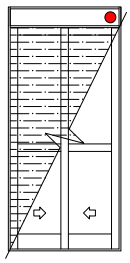
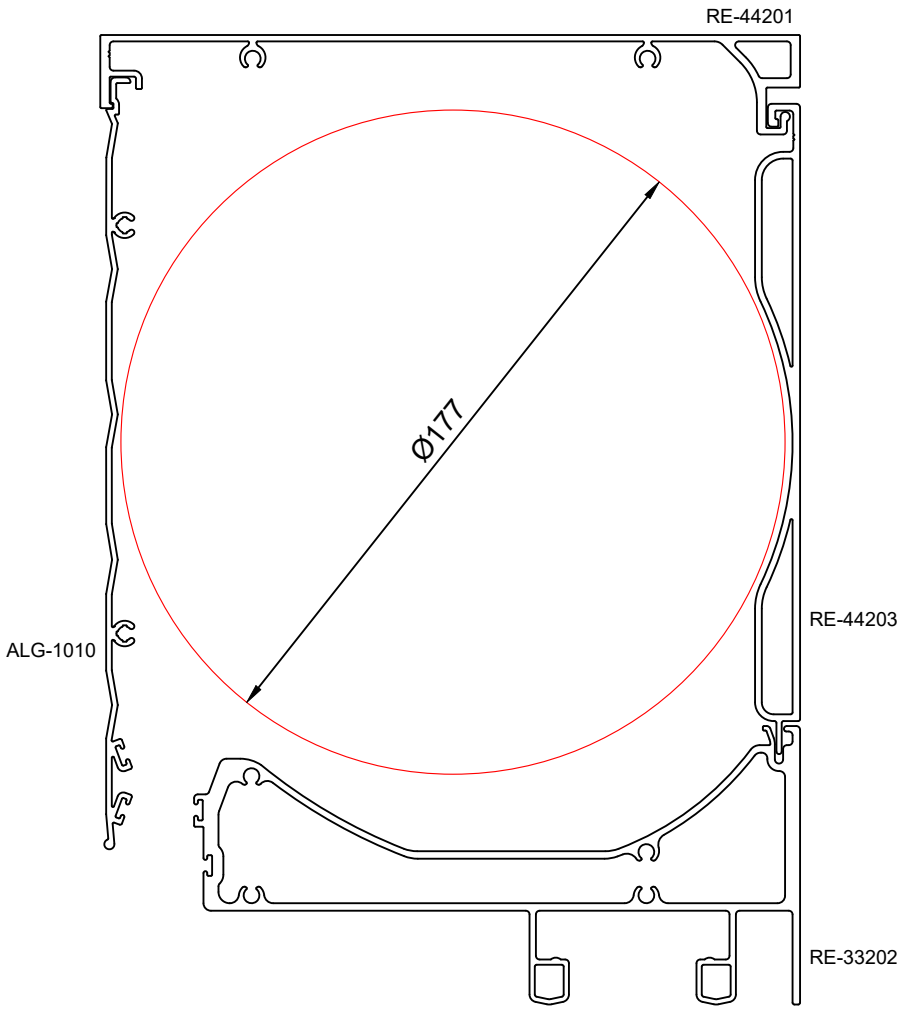
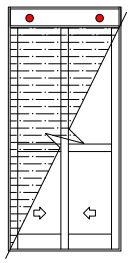
Medidas máximas do rolo na caixa da persiana portas

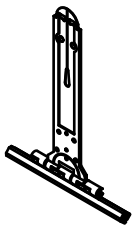


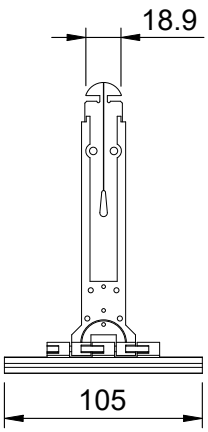


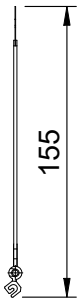
*Consultar fornecedor para dimensões da esteira

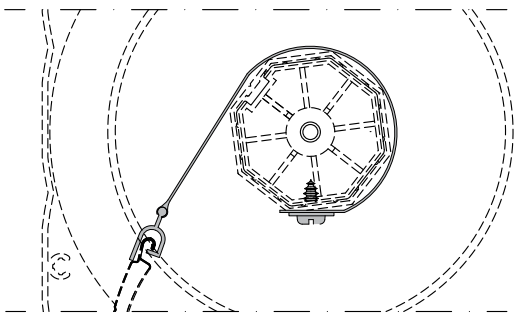
FPE-0001	Fixador da Esteira
	Aço Inox - Natural



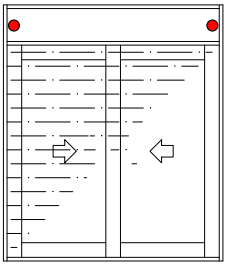


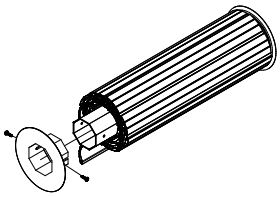


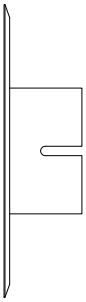


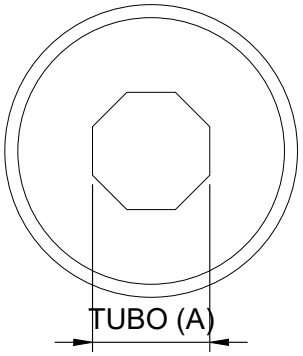


Disco Alinhador da Persiana	
Código	Tubo (A)
DAP-0040	DS-238 (40)
DAP-0060	MN-015 (60)



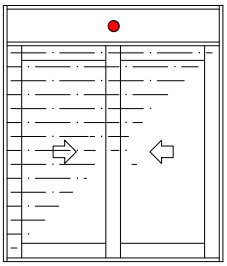


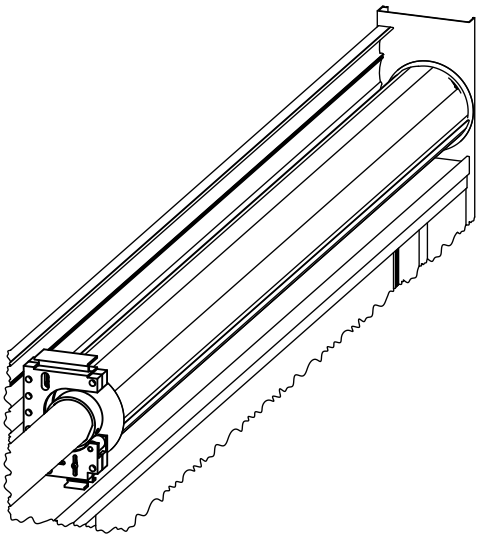


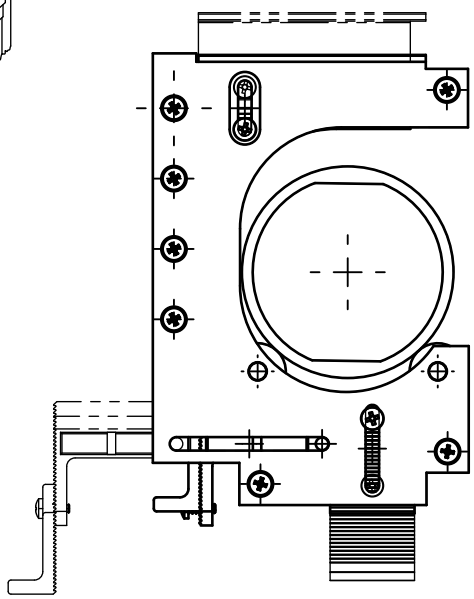


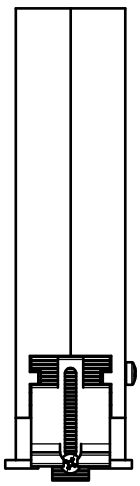
*Consultar ficha técnica do Fornecedor

MCA-0001	Mancal de Apoio da Integrada

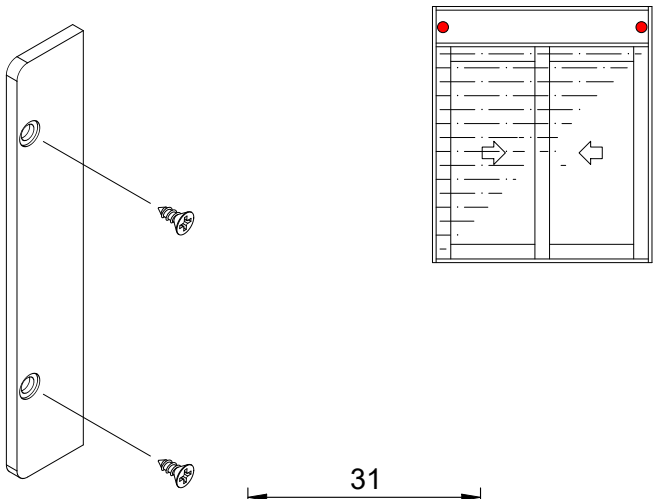


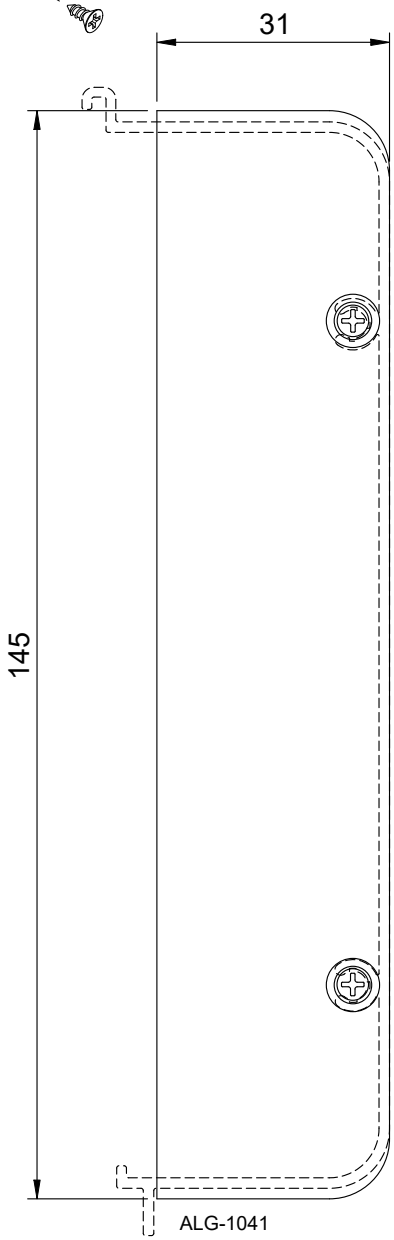




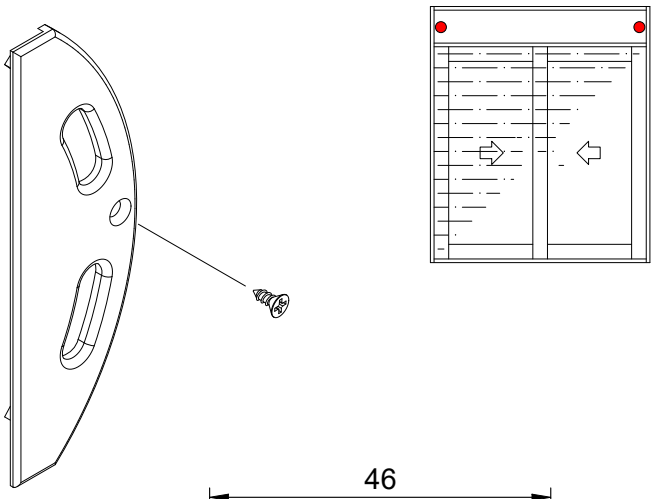


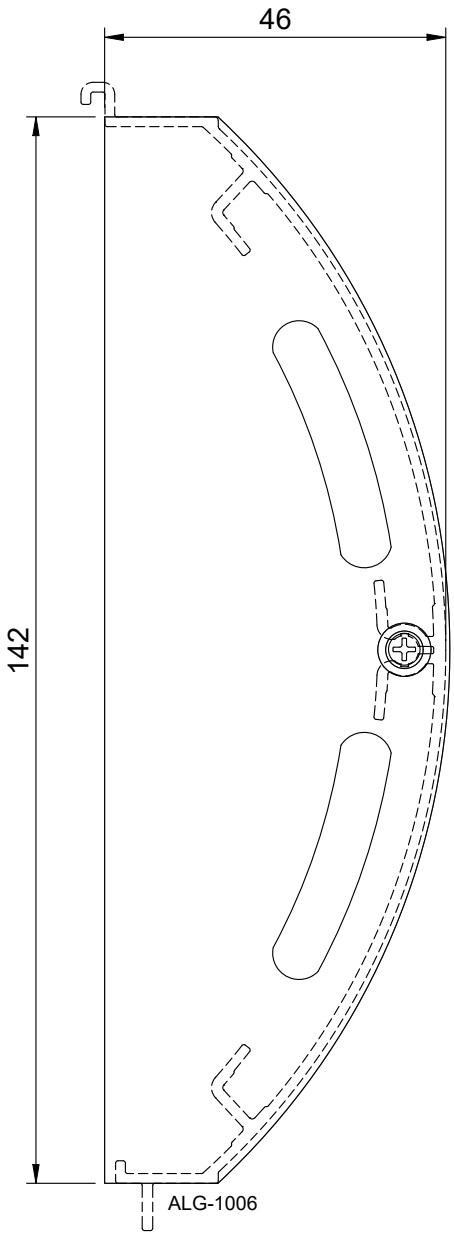
TMT-0005	Tampa Caixa Integrada Janela
	Polímero Cor: Preto / Branco



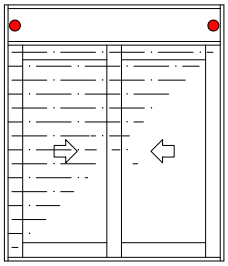


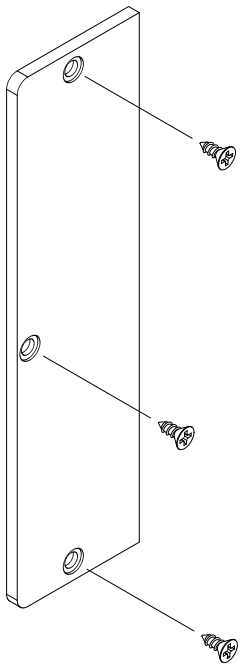
TMT-0006	Tampa Caixa Integrada Janela
	Polímero Cor: Preto / Branco

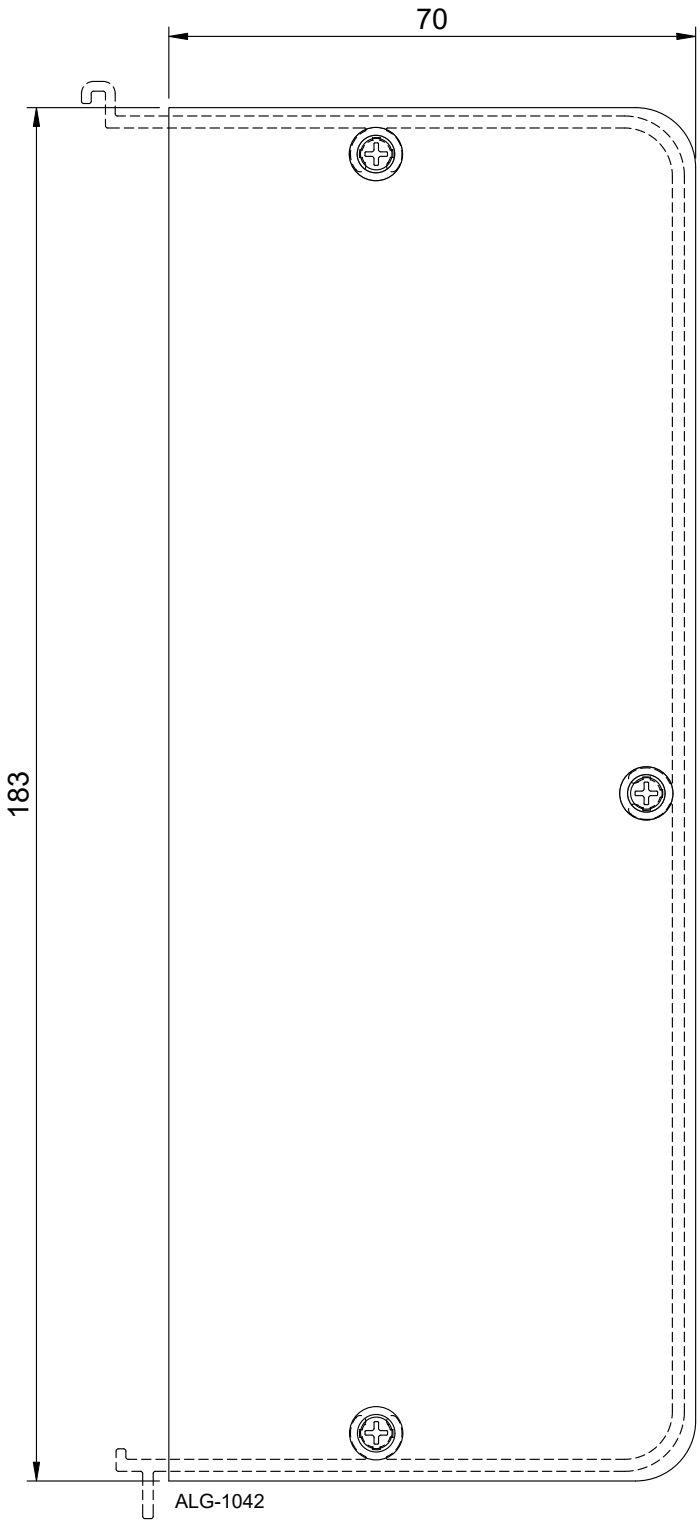




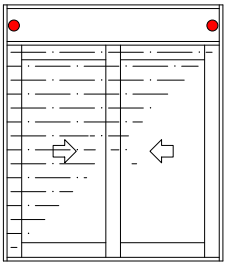
TMT-0007	Tampa Caixa Integrada Porta
	Polímero Cor: Preto / Branco

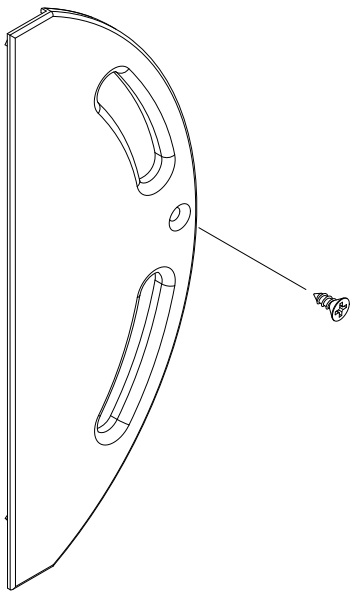


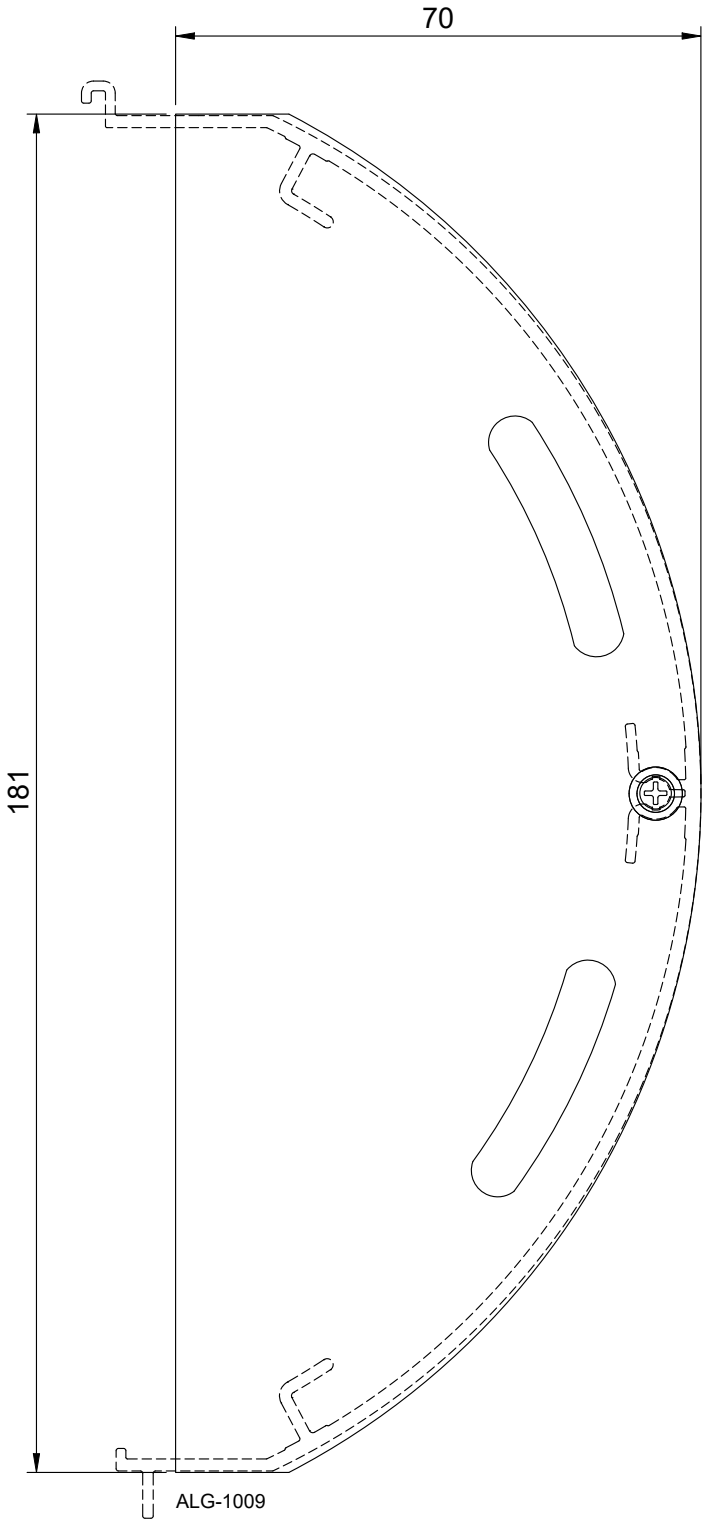




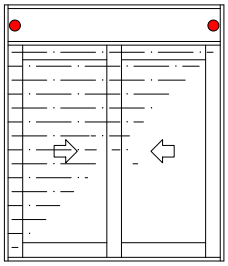
TMT-0008	Tampa Caixa Integrada Porta
	Polímero Cor: Preto / Branco

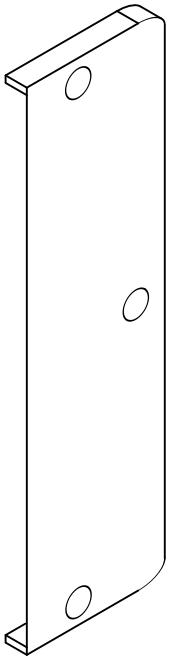


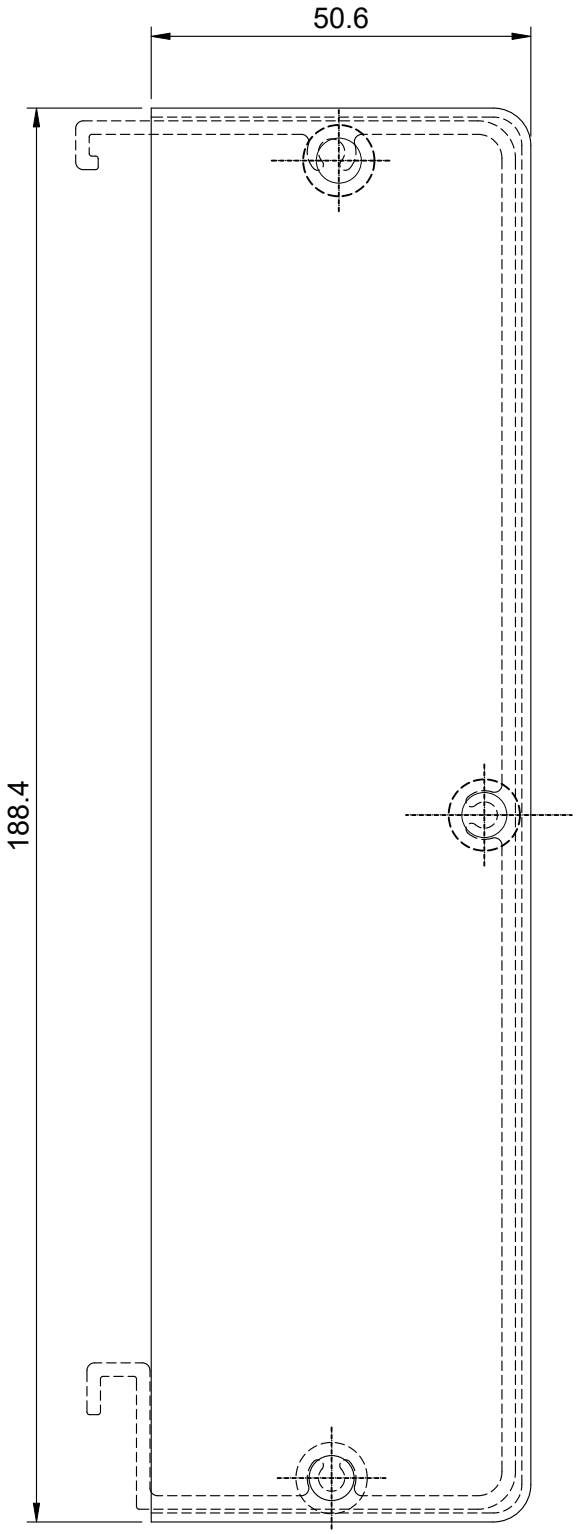




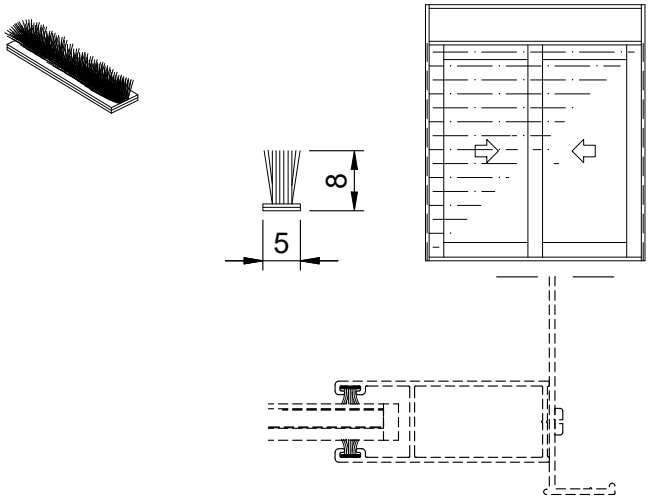
TMT-0025	Tampa Caixa Integrada Porta
	Polímero Cor: Preto / Branco



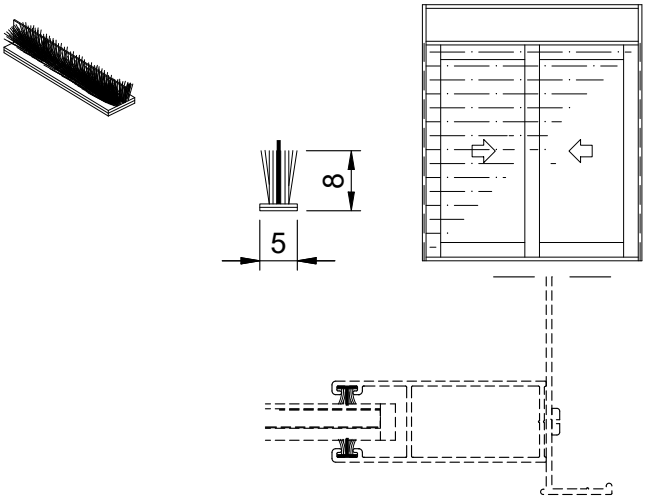




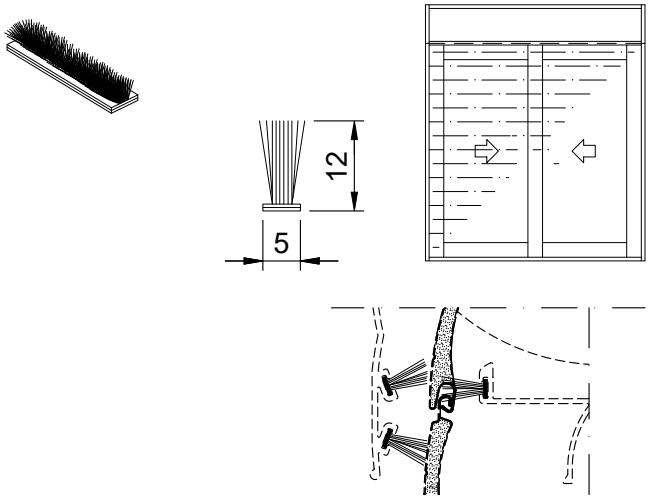
ECV-0508	Escova de Vedação 5x8mm
	Cor: Preto / Branco / Cinza



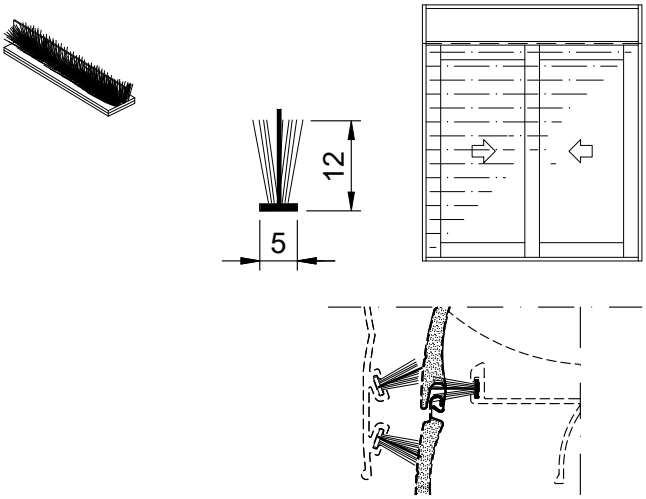
ECV-0508B	Escova Ved. 5x8mm com Barreira
	Cor: Preto / Branco / Cinza



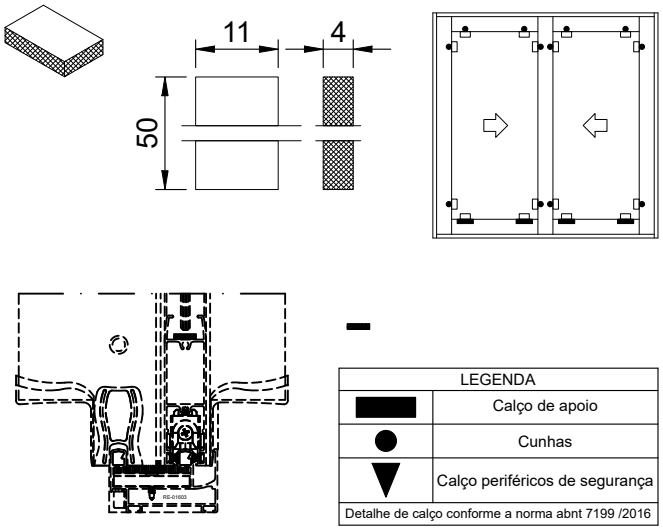
ECV-0512	Escova de Vedação 5x12mm
	Cor: Preto / Branco / Cinza



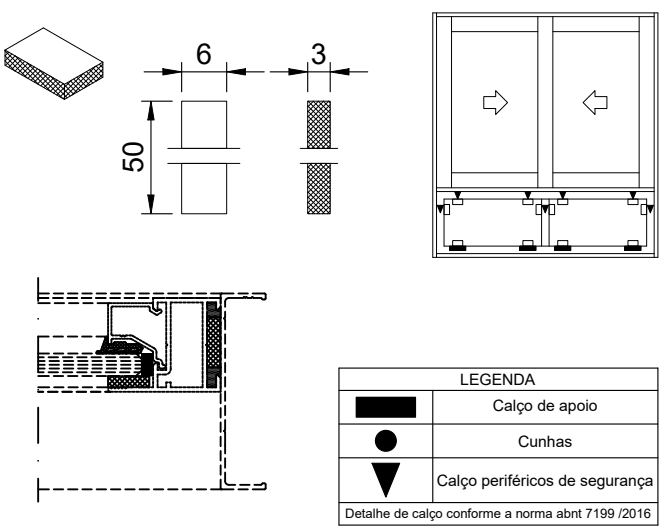
ECV-0512B	Escova Ved. 5x12mm com Barreira
	Cor: Preto / Branco / Cinza



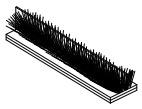
CAL-1104	Gaxeta EPDM (11X4X50)
	Calço Para Vidro Janela

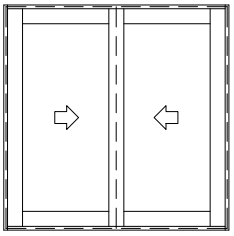


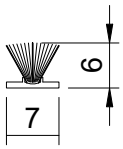
CAL-0603	Gaxeta EPDM (6X3X50)
	Calço Para Vidro Fixo

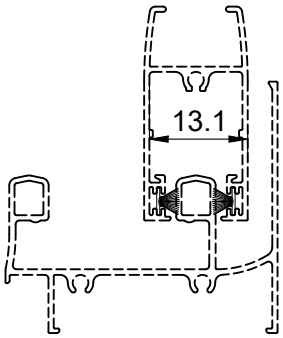


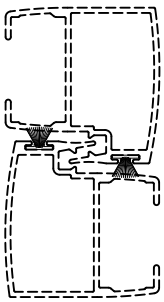
ECV-0706QF	Escova 7x6 Quadrifin Non-Woven
	Cor: Preto / Branco / Cinza

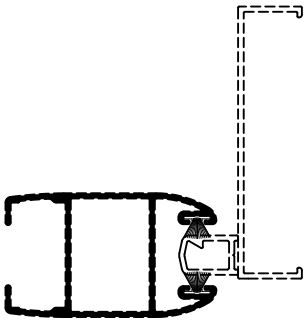




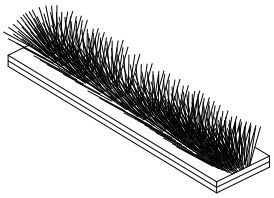


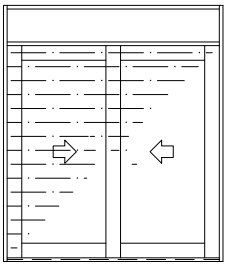


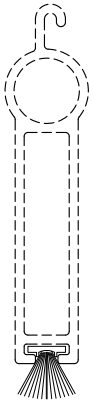


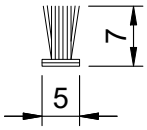


ECV-0507	Escova de Vedação 5x7mm
	Cor: Preto / Branco / Cinza

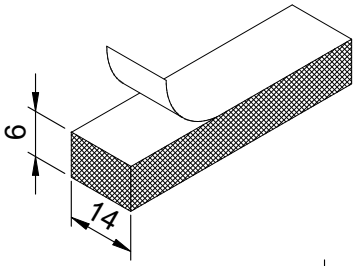


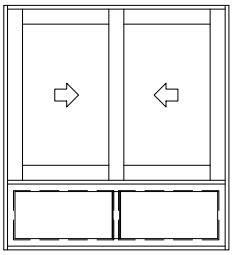


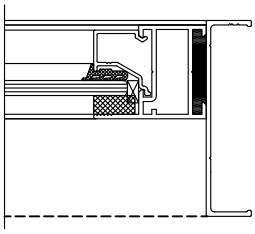




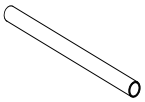
ESP-1406	Espuma de PVC 14x6 mm
	Vedação de Perímetro

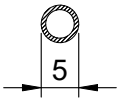


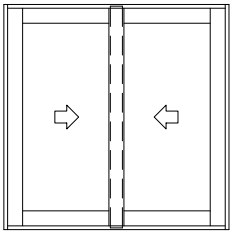


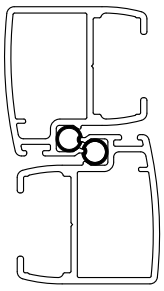


GXT-1145	Guarnição de EPDM
	Vedação Mão de Amigo

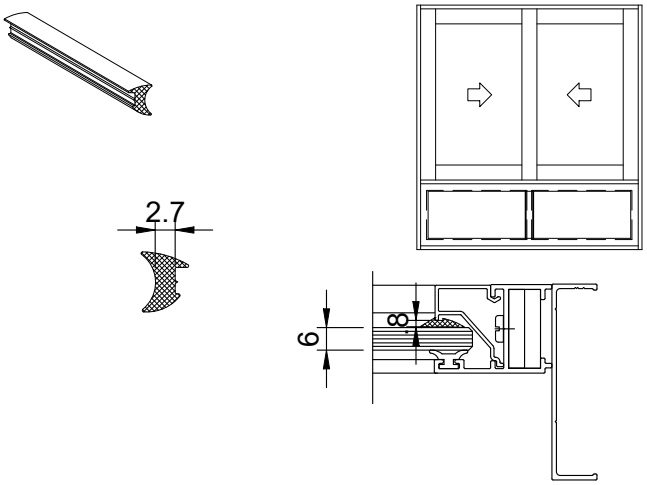




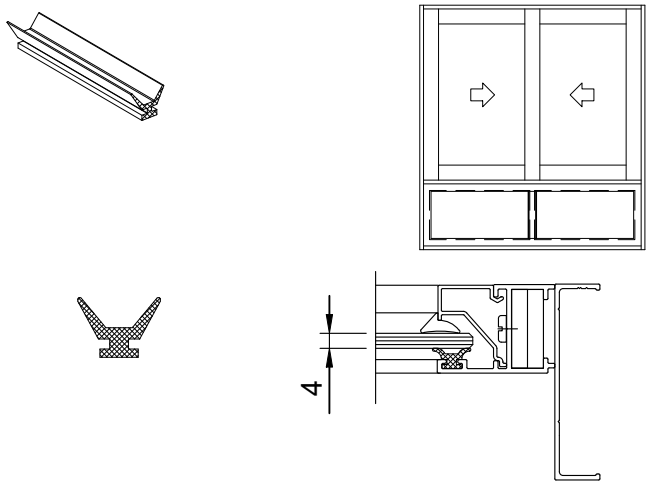




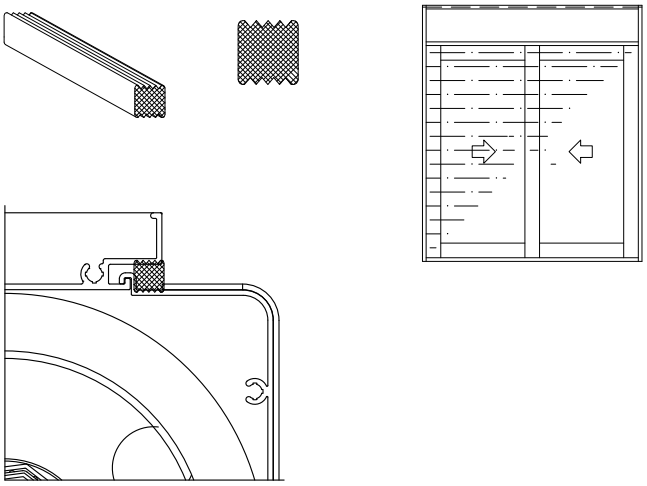
GXT-1153	Guarnição de EPDM
	Cunha Para Vidro de 6mm



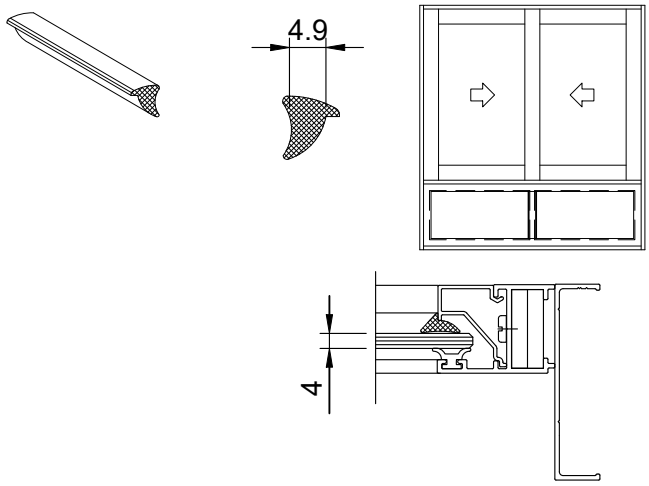
GXT-1154	Guarnição de EPDM
	Vidro de 4 mm ou 6 mm



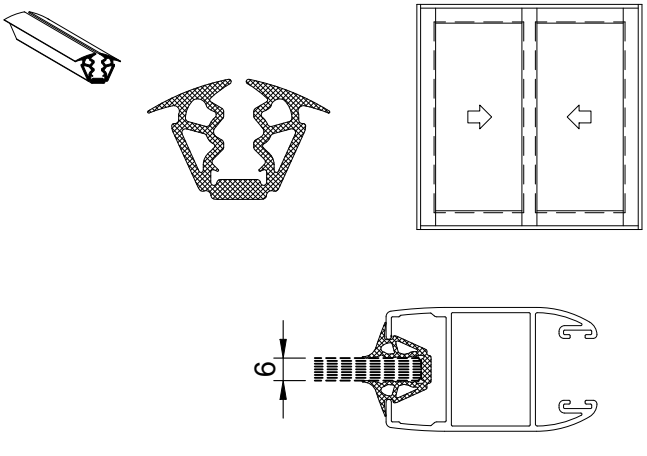
GXT-1155	Guarnição de EPDM
	Trava Tampa Interna Integrada



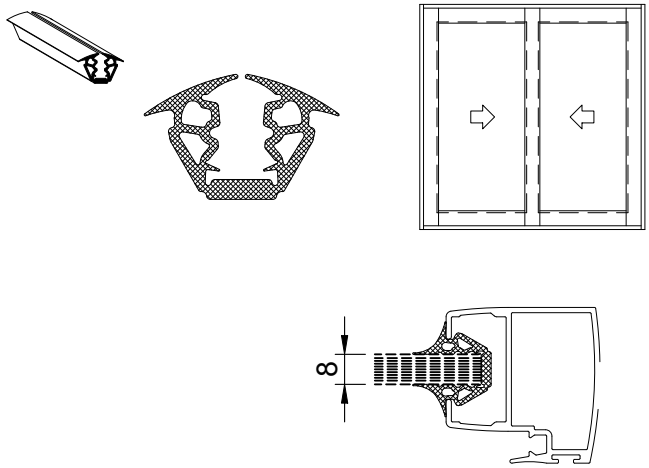
GXT-1156	Guarnição de EPDM
	Cunha Para Vidro de 4 mm



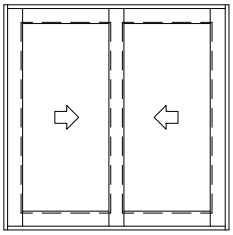
GXT-1112	Guarnição de EPDM
	Vidro de 6mm

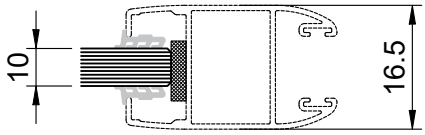


GXT-1114	Guarnição de EPDM
	Vidro de 8mm

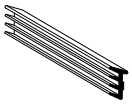


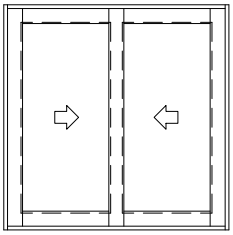
GXT-1123	Guarnição de EPDM
	Cunha Para Vidro

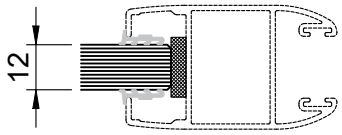




GXT-1124	Guarnição de EPDM
	Cunha Para Vidro

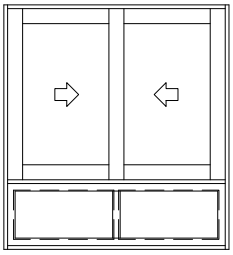


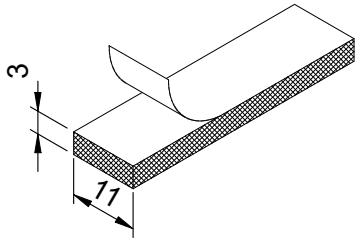


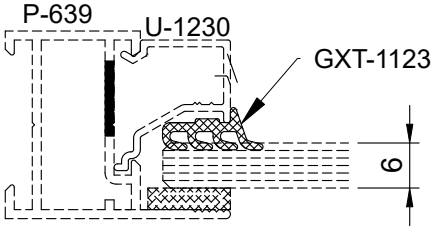


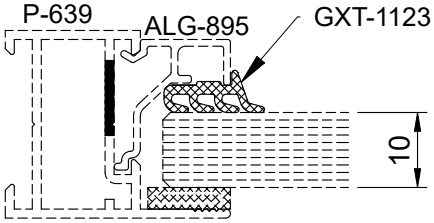
ESP-1103	Espuma de PVC 11x3 mm
	Vedação Perímetro Externo

Espuma para vidro 6 ou 10mm



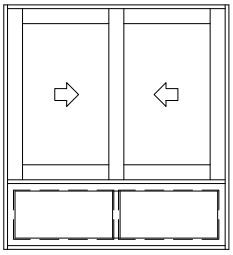


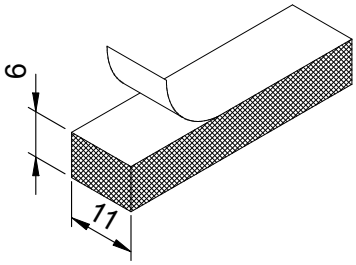


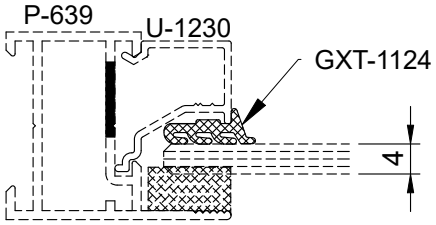


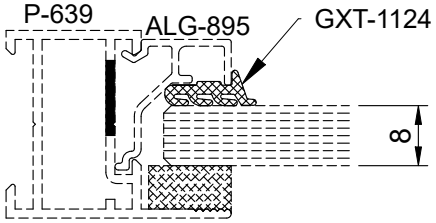
ESP-1106	Espuma de PVC 11x6 mm
	Vedação Perímetro Externo

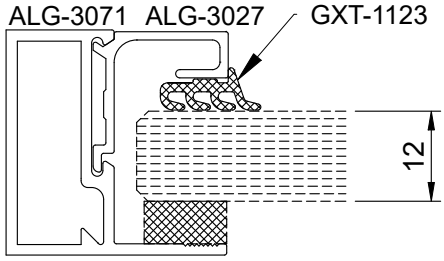
Espuma para vidro 4 á 12mm



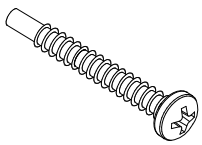


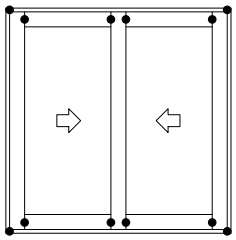


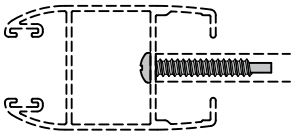




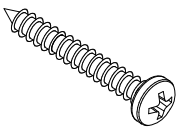
PCP-4832PL	Parf. Cab. Pan. 4,8x32 PL Aço Inox
	Fixa Marcos e Folhas

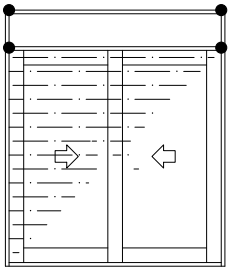


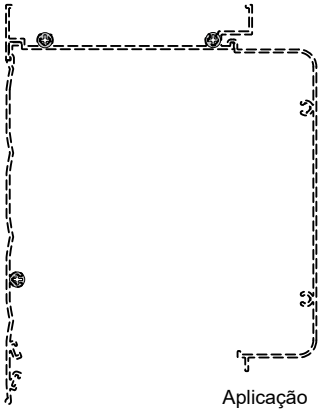




PCP-4225	Parf. Cab. Pan. 4,2x25 Aço Inox
	Fixa Caixa da Persiana

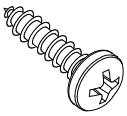


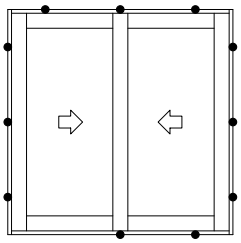


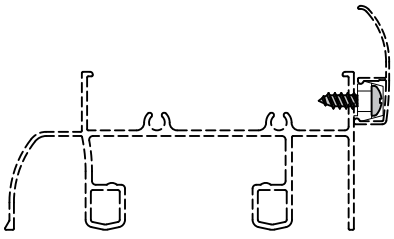


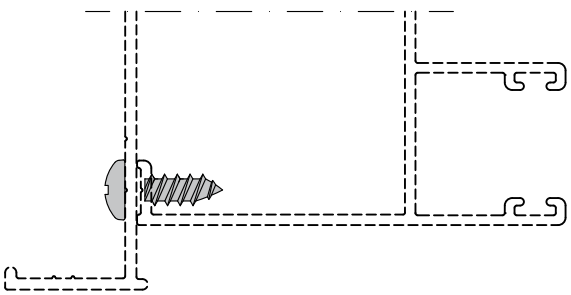
Aplicação

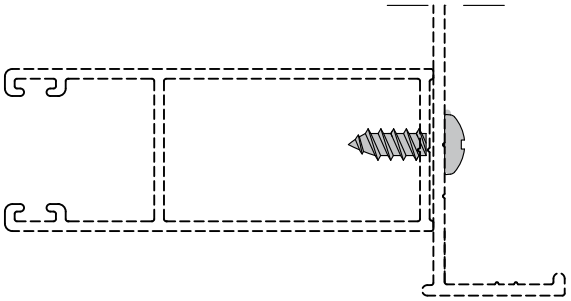
PCP-4213	Parf. Cab. Pan. 4,2x13 Aço Inox
	Ver Aplicações





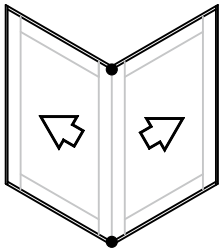


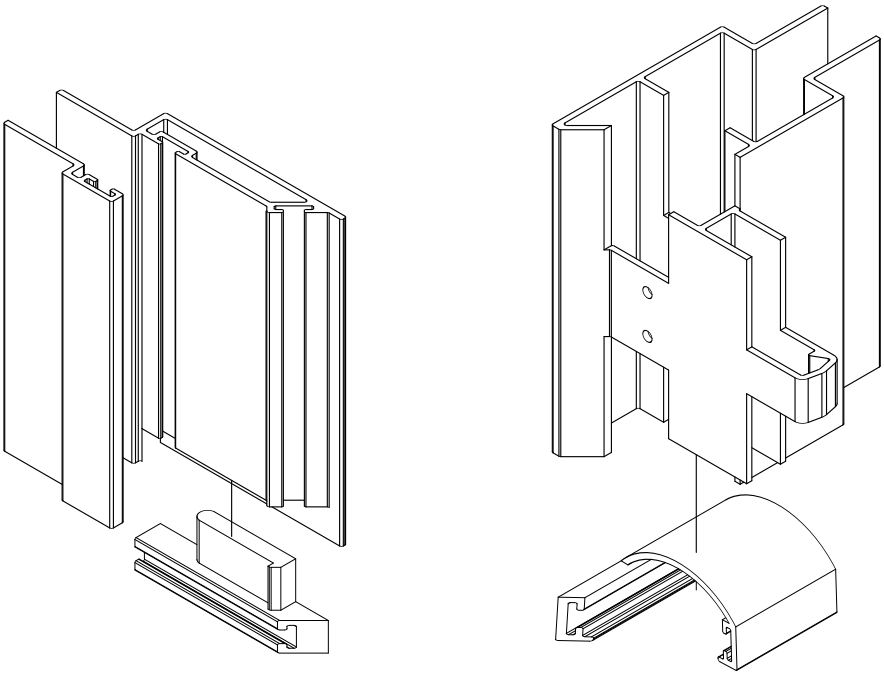




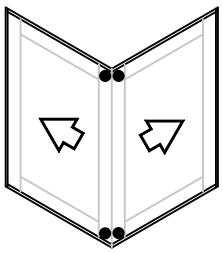
Aplicação

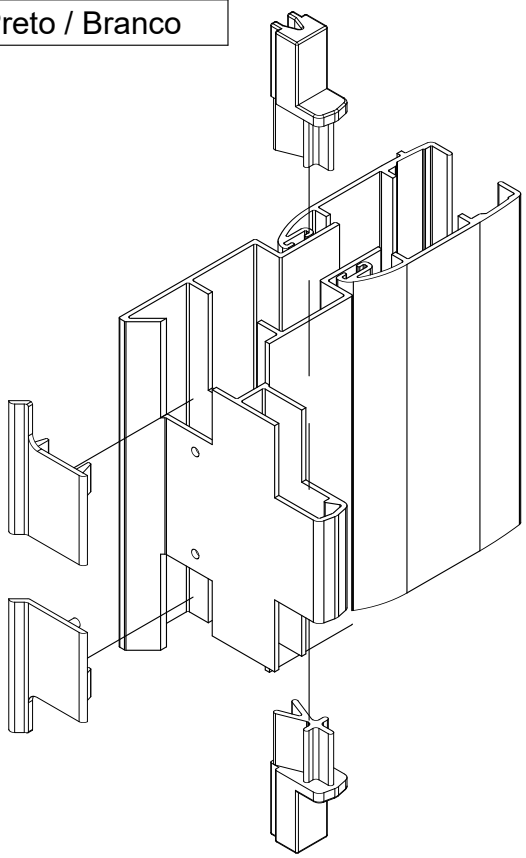
VDA-0010	Kit Vedações Fechamento 90°
	Polímero Cor: Preto / Branco



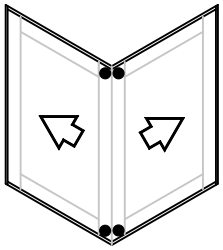


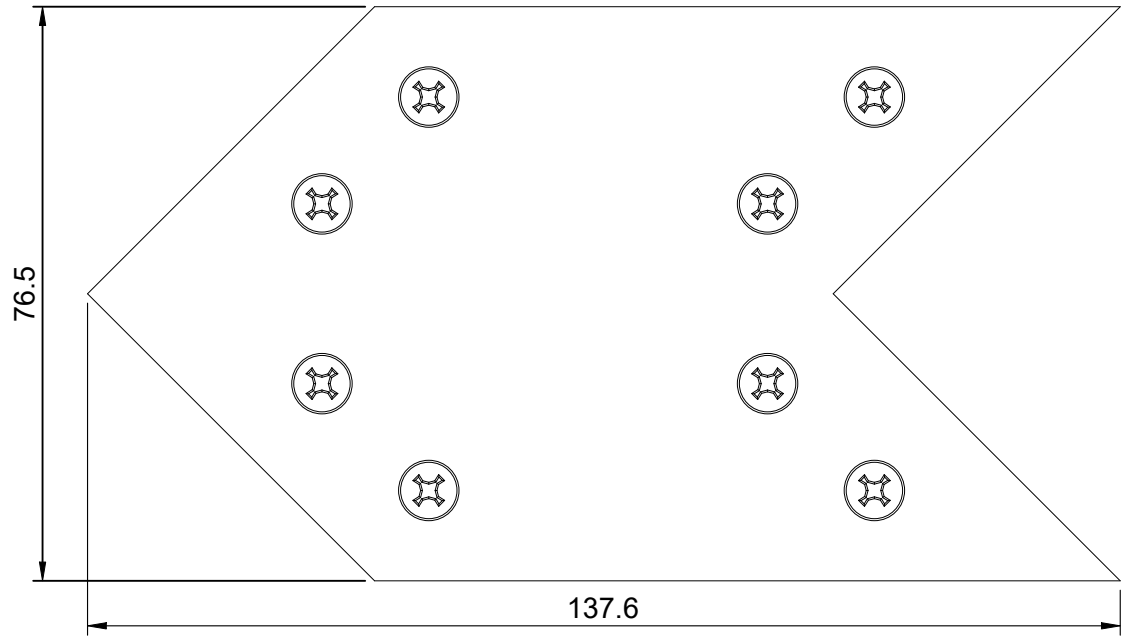
TMT-0026	Kit Acabamento Fechamento 90°
	Polímero Cor: Preto / Branco



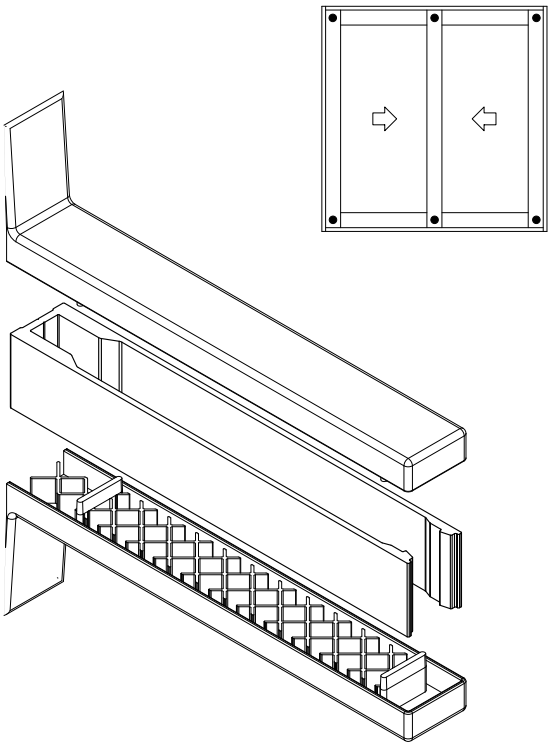


CON-0001	Conexão de Trilhos 90°
	Alumínio

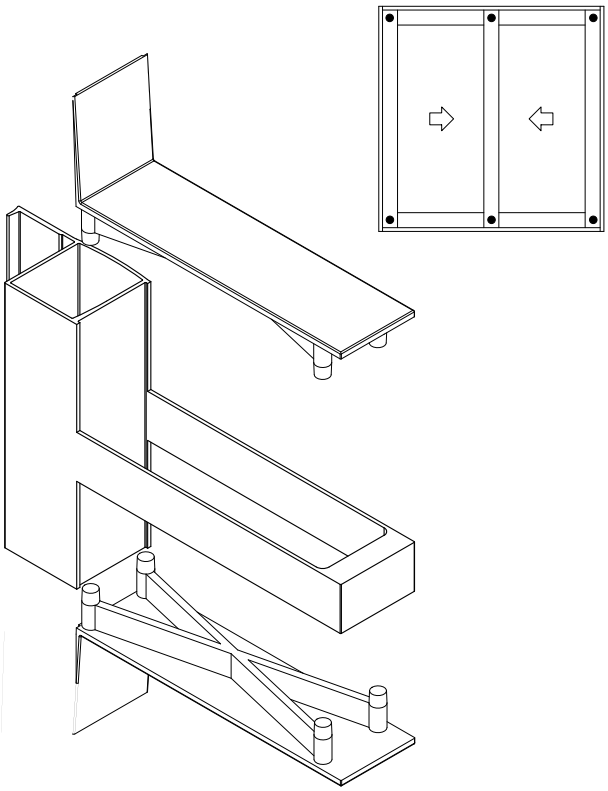




TMT-3038	Tampa Reforço
	Polímero Cor: Preto / Branco



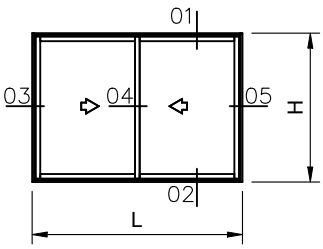
TMT-3037	Tampa Montante
	Polímero Cor: Preto / Branco

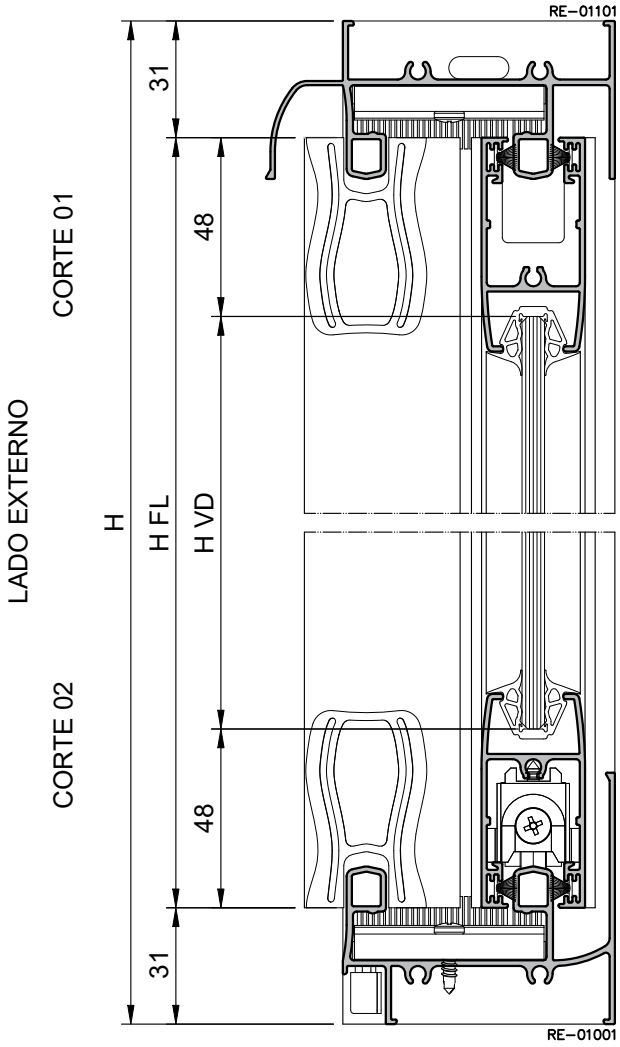


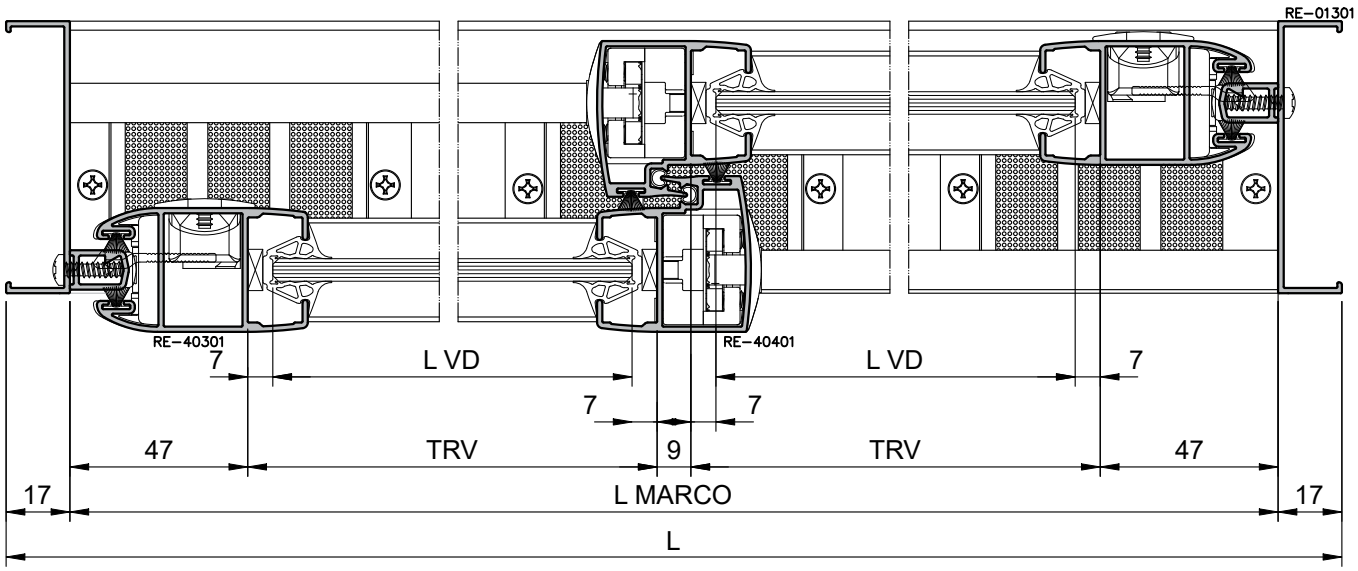
Fichas Técnicas

MONTAGENS / TABELAS

JANELA DE CORRER
2 FOLHAS



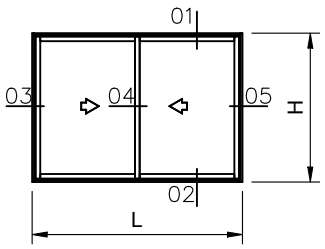


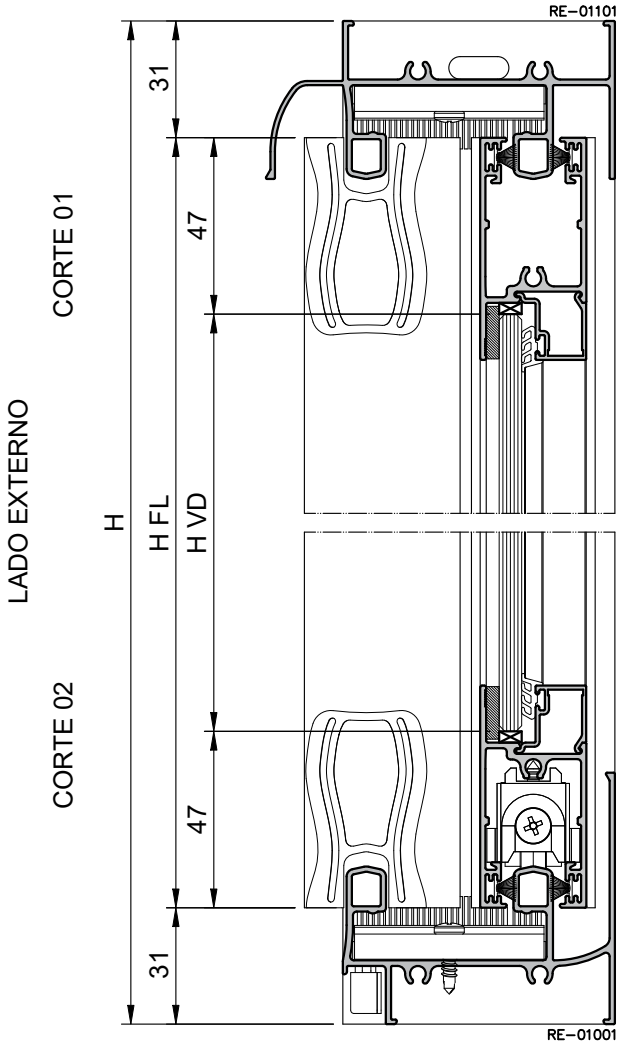


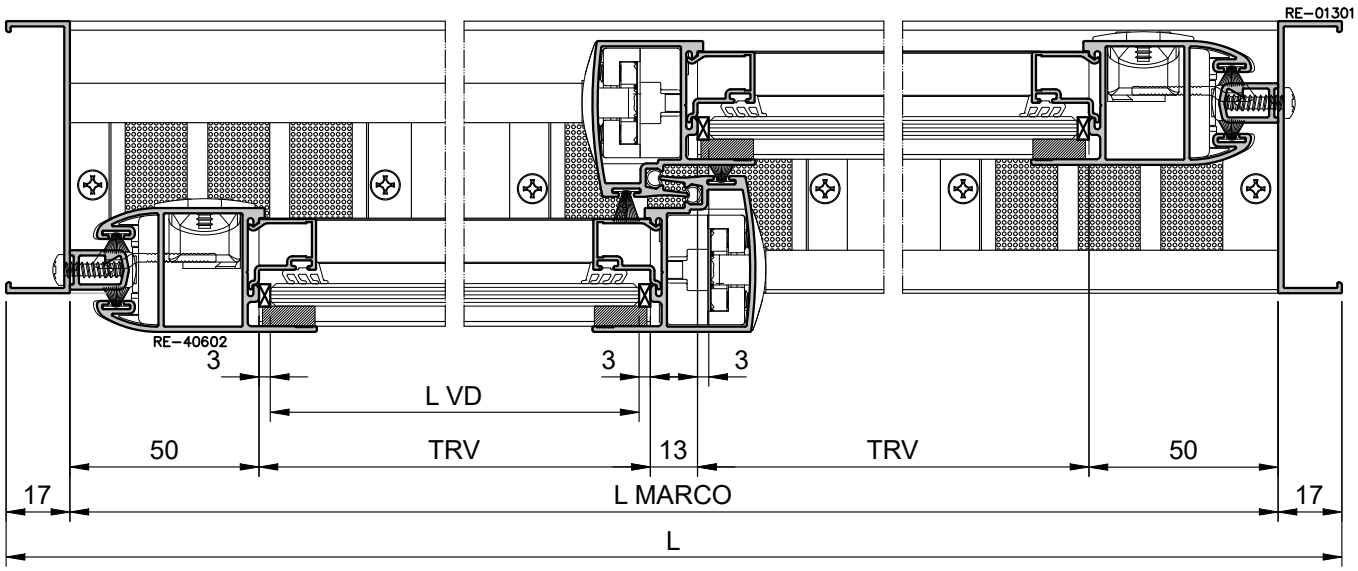
CORTE 03 CORTE 04 CORTE 05

LADO EXTERNO

JANELA DE CORRER
2 FOLHAS
COM BAGUETE





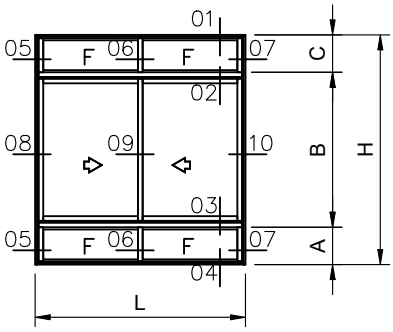


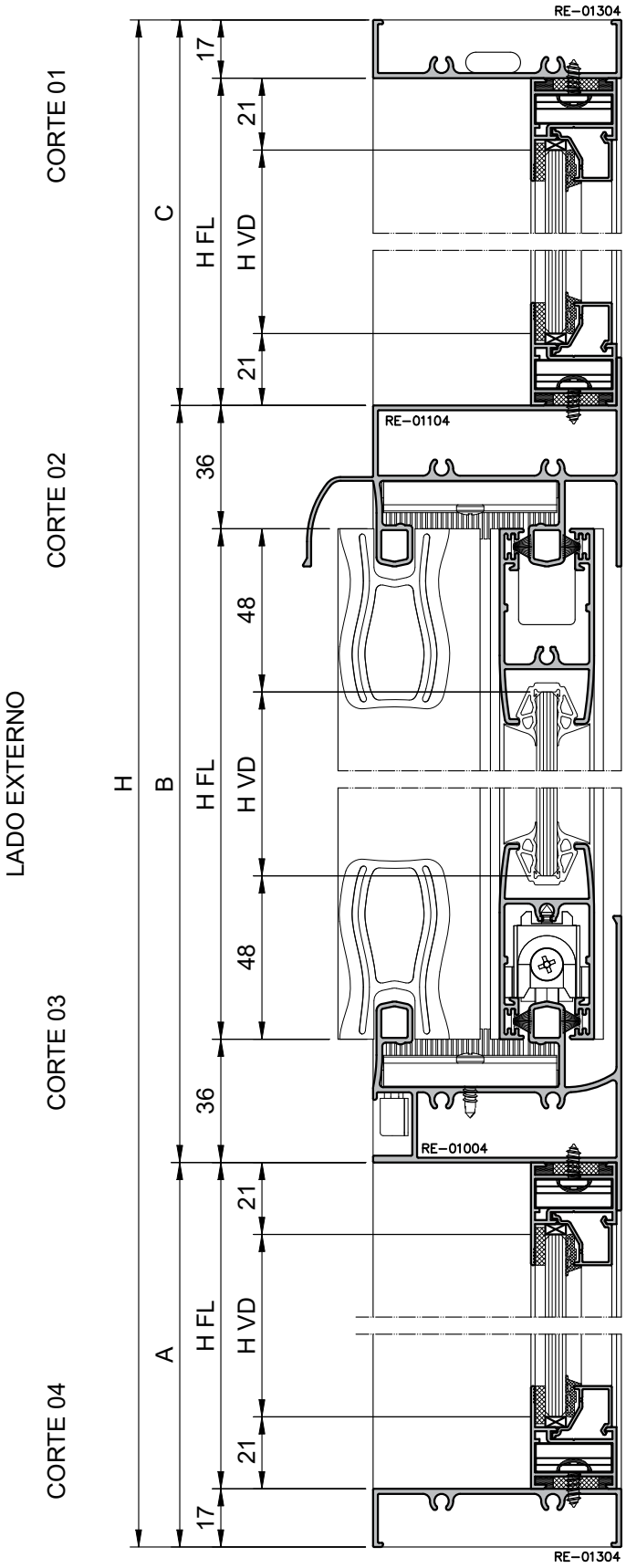
CORTE 03 CORTE 04 CORTE 05

LADO EXTERNO

JANELA DE CORRER
2 FOLHAS

COM BANDEIRA E PEITORIL
FIXOS VIDRO ATÉ 10MM

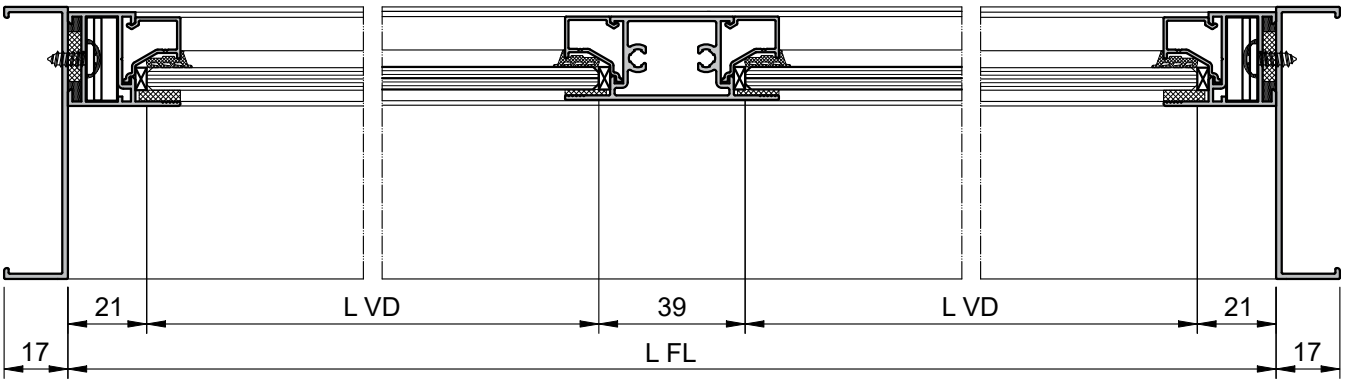




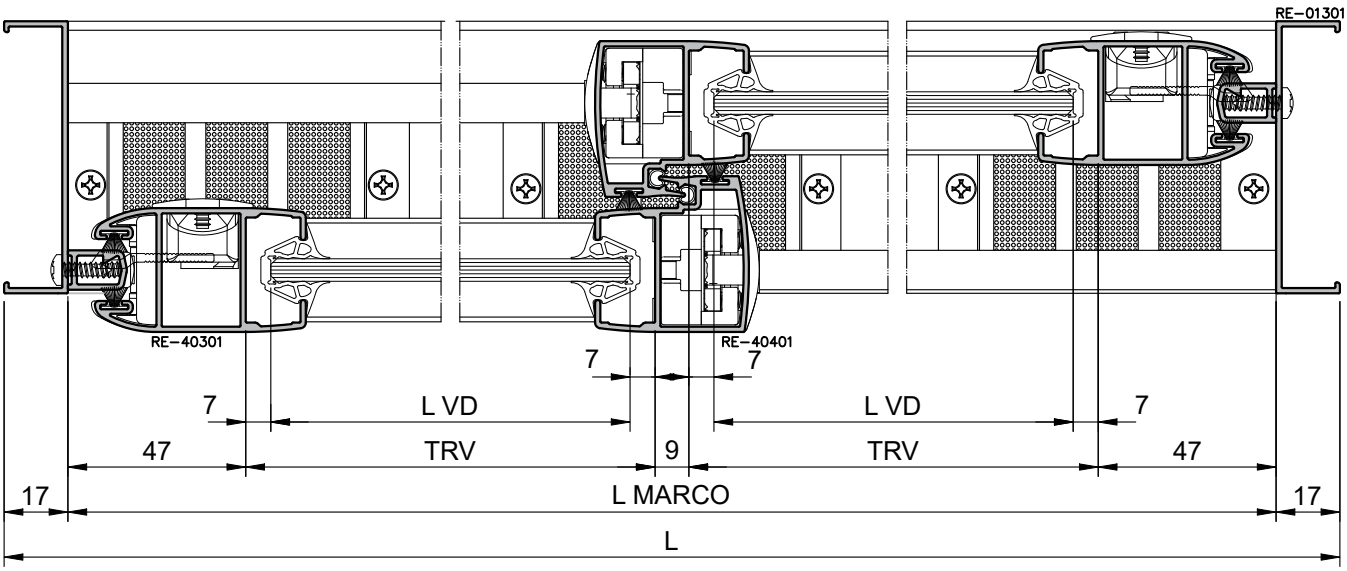
*Quando utilizado como guarda corpo conforme norma NBR-14718 aplicar silicone estrutural em todo o perimetro do vidro do peitoril

JANELA DE CORRER
2 FOLHAS

COM BANDEIRA E PEITORIL
FIXOS ATÉ 10MM



CORTE 05 CORTE 06 CORTE 07



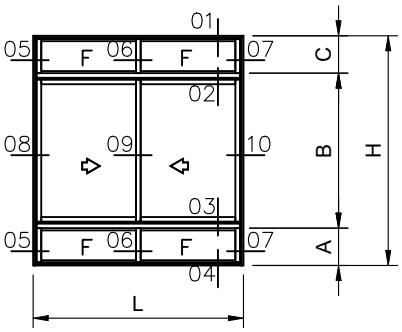
CORTE 08 CORTE 09 CORTE 10

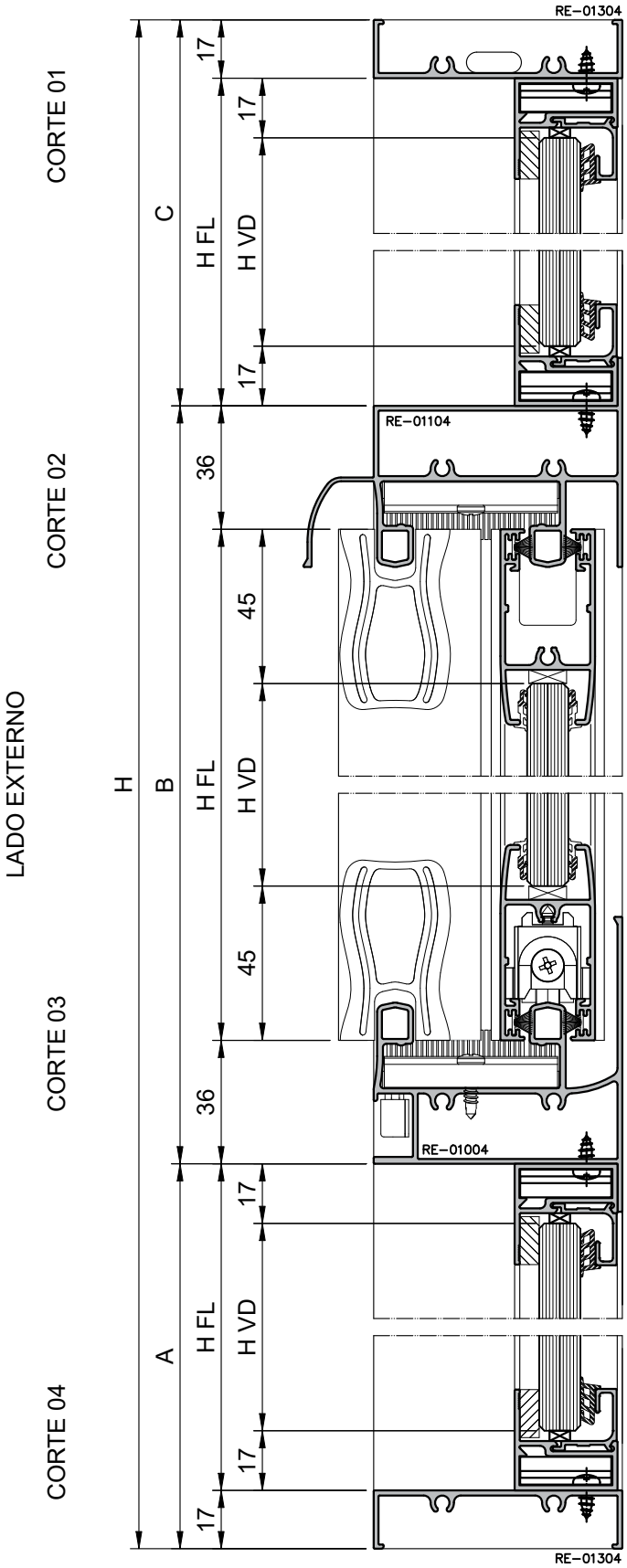
LADO EXTERNO

*Quando utilizado como guarda corpo conforme norma NBR-14718 aplicar silicone estrutural em todo o perimetro do vidro do peitoril

JANELA DE CORRER
2 FOLHAS

COM BANDEIRA E PEITORIL
FIXOS VIDRO ATÉ 12MM

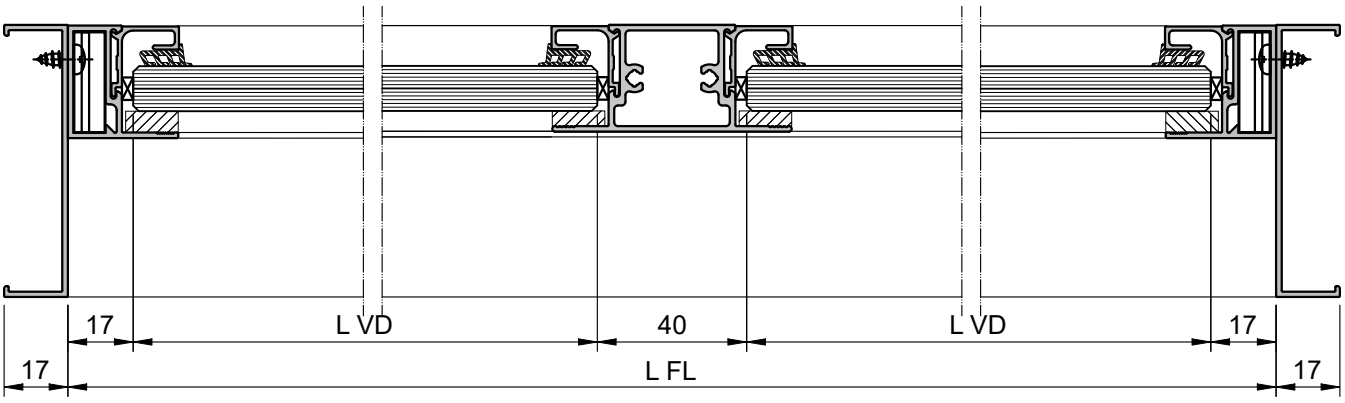




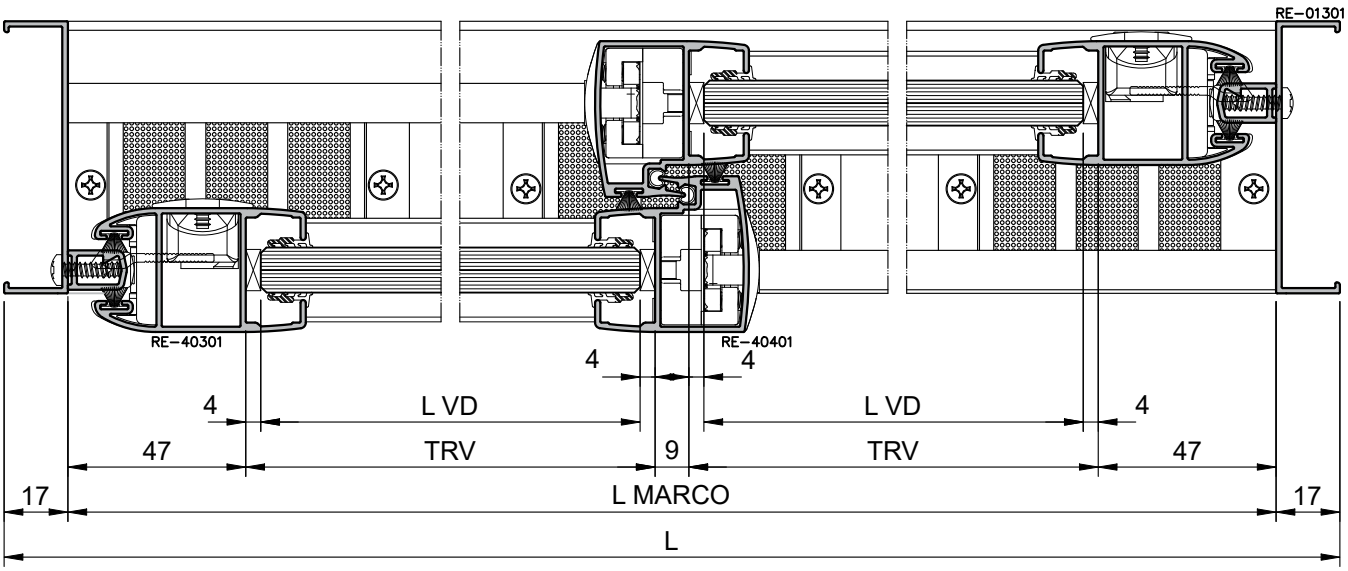
*Quando utilizado como guarda corpo conforme norma NBR-14718 aplicar silicone estrutural em todo o perimetro do vidro do peitoril

JANELA DE CORRER
2 FOLHAS

COM BANDEIRA E PEITORIL FIXOS ATÉ 12MM



CORTE 05 CORTE 06 CORTE 07



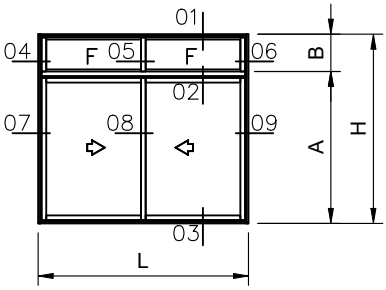
CORTE 08 CORTE 09 CORTE 10

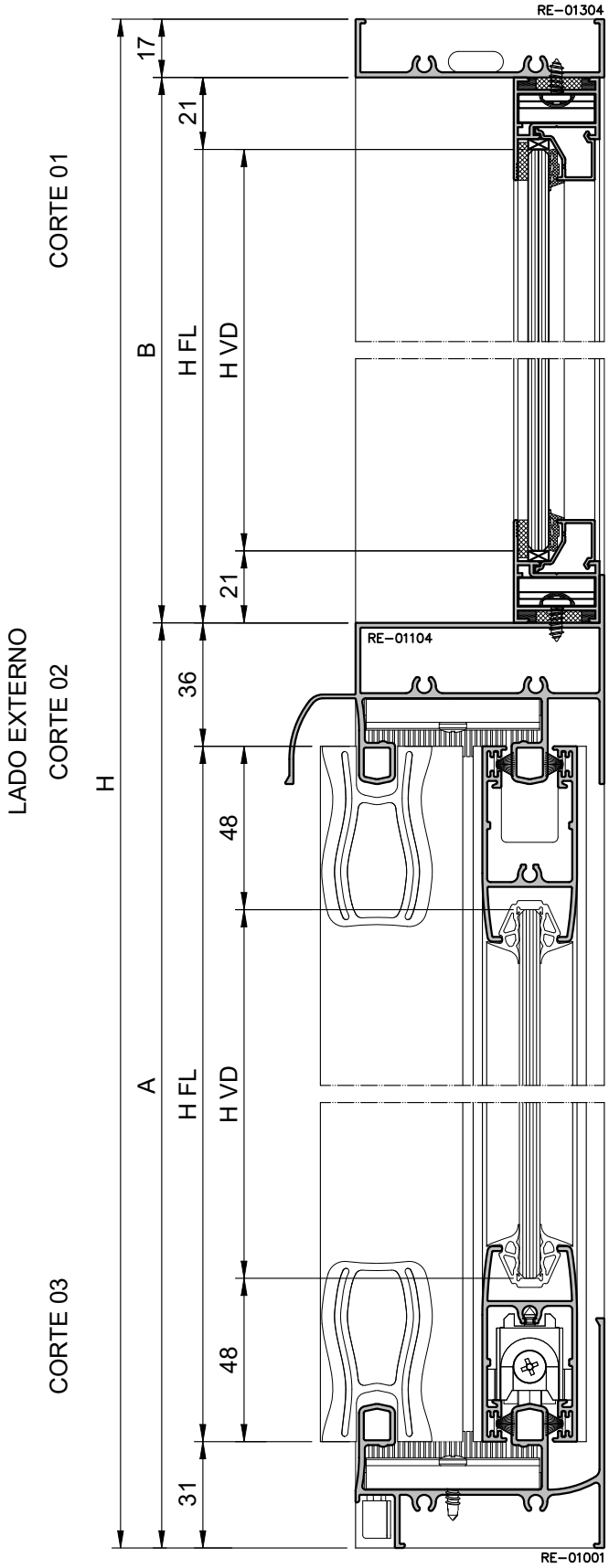
LADO EXTERNO

*Quando utilizado como guarda corpo conforme norma NBR-14718 aplicar silicone estrutural em todo o perimetro do vidro do peitoril

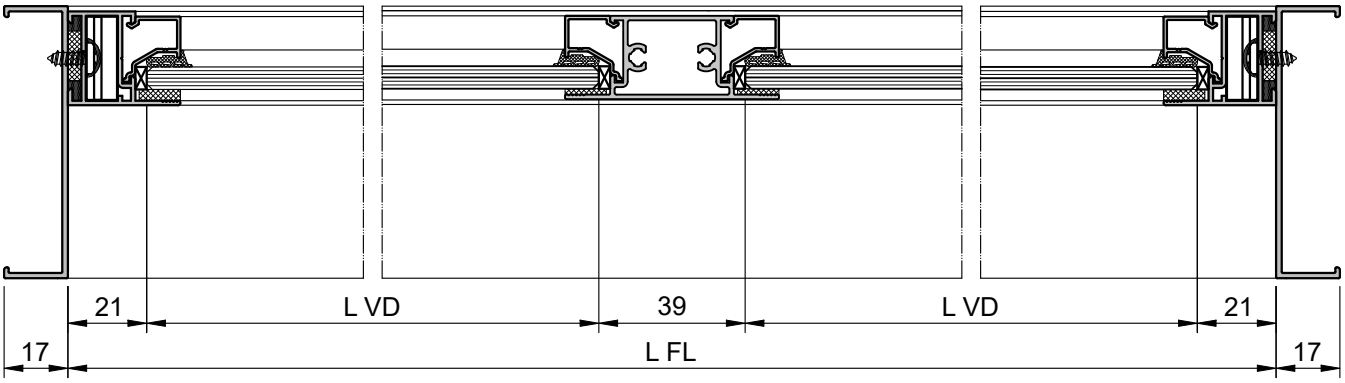
JANELA DE CORRER
2 FOLHAS

COM BANDEIRA FIXA

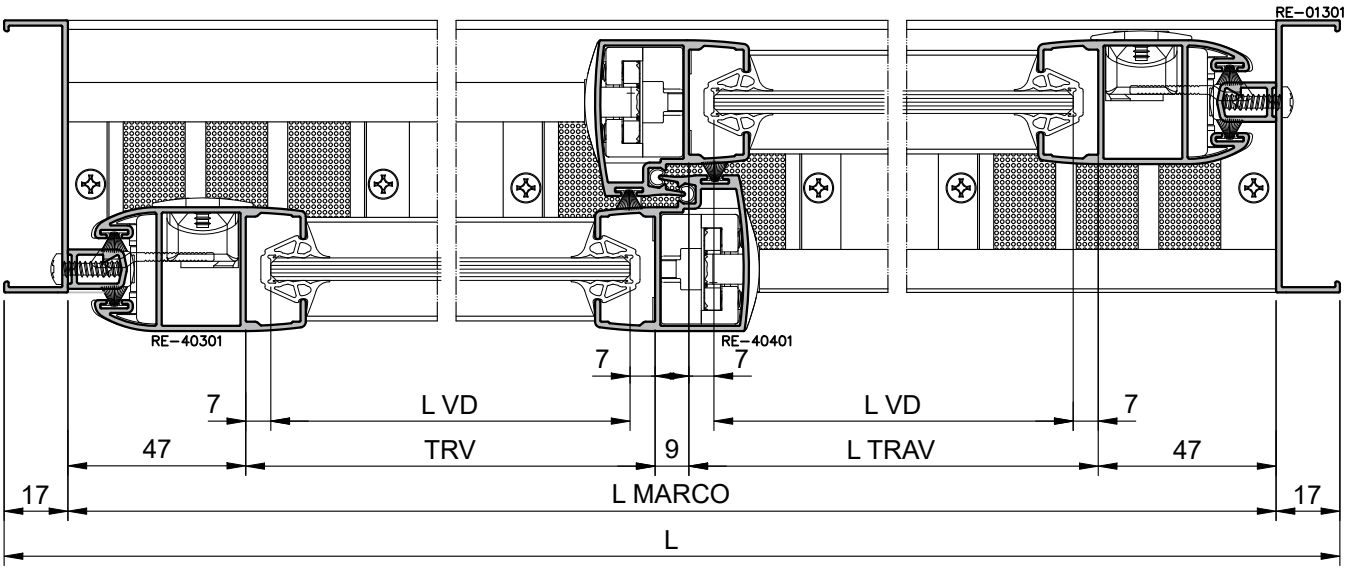




JANELA DE CORRER
2 FOLHAS
COM BANDEIRA FIXA



CORTE 04 CORTE 05 CORTE 06

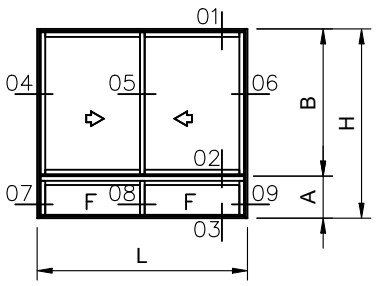


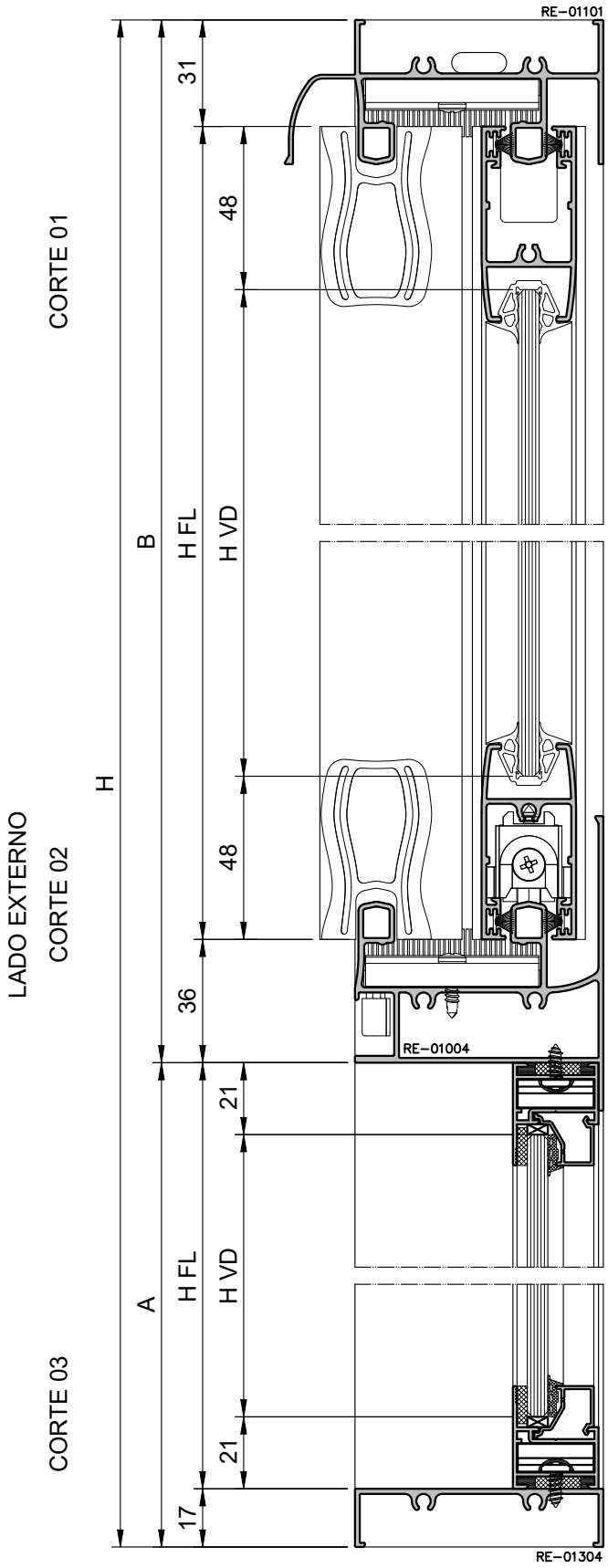
CORTE 07 CORTE 08 CORTE 09

LADO EXTERNO

JANELA DE CORRER
2 FOLHAS

COM PEITORIL FIXO

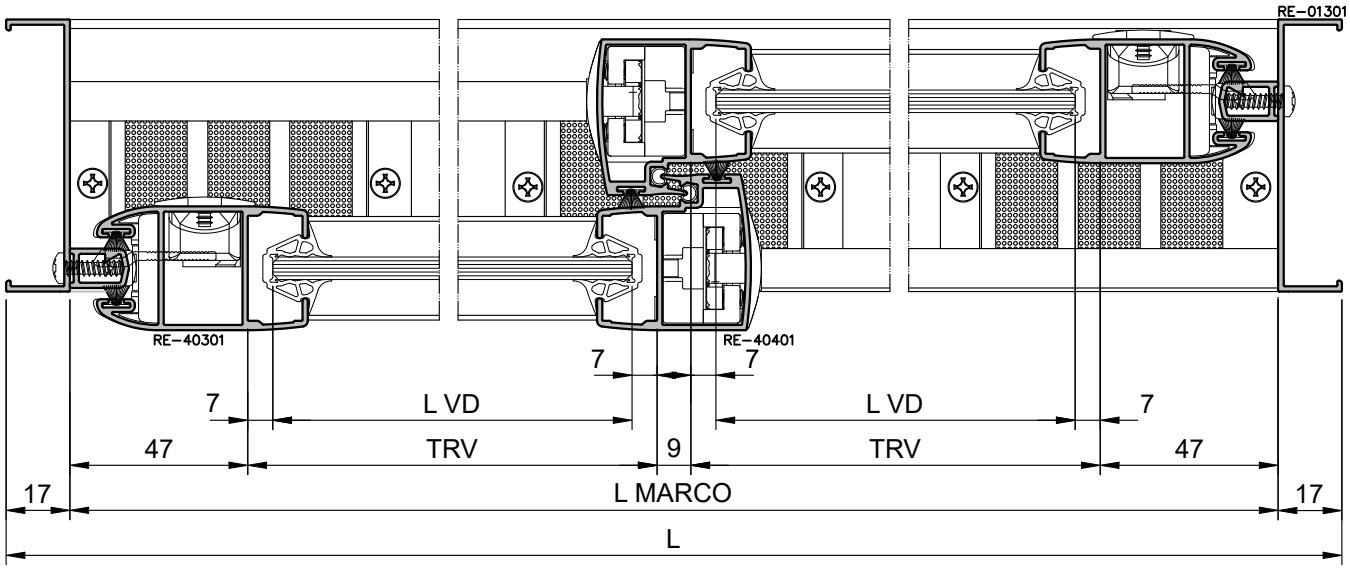




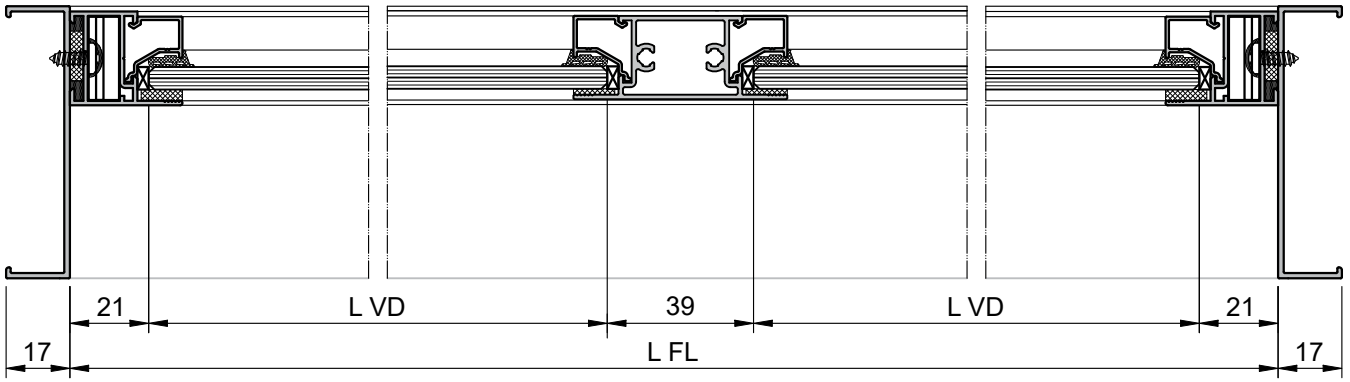
*Quando utilizado como guarda corpo conforme norma NBR-14718 aplicar silicone estrutural em todo o perimetro do vidro do peitoril

JANELA DE CORRER
2 FOLHAS

COM PEITORIL FIXO



CORTE 04 CORTE 05 CORTE 06



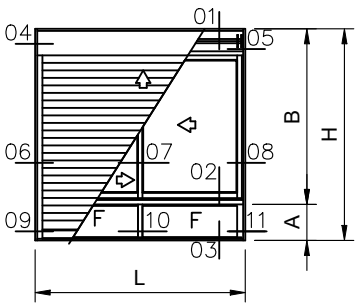
CORTE 07 CORTE 08 CORTE 09

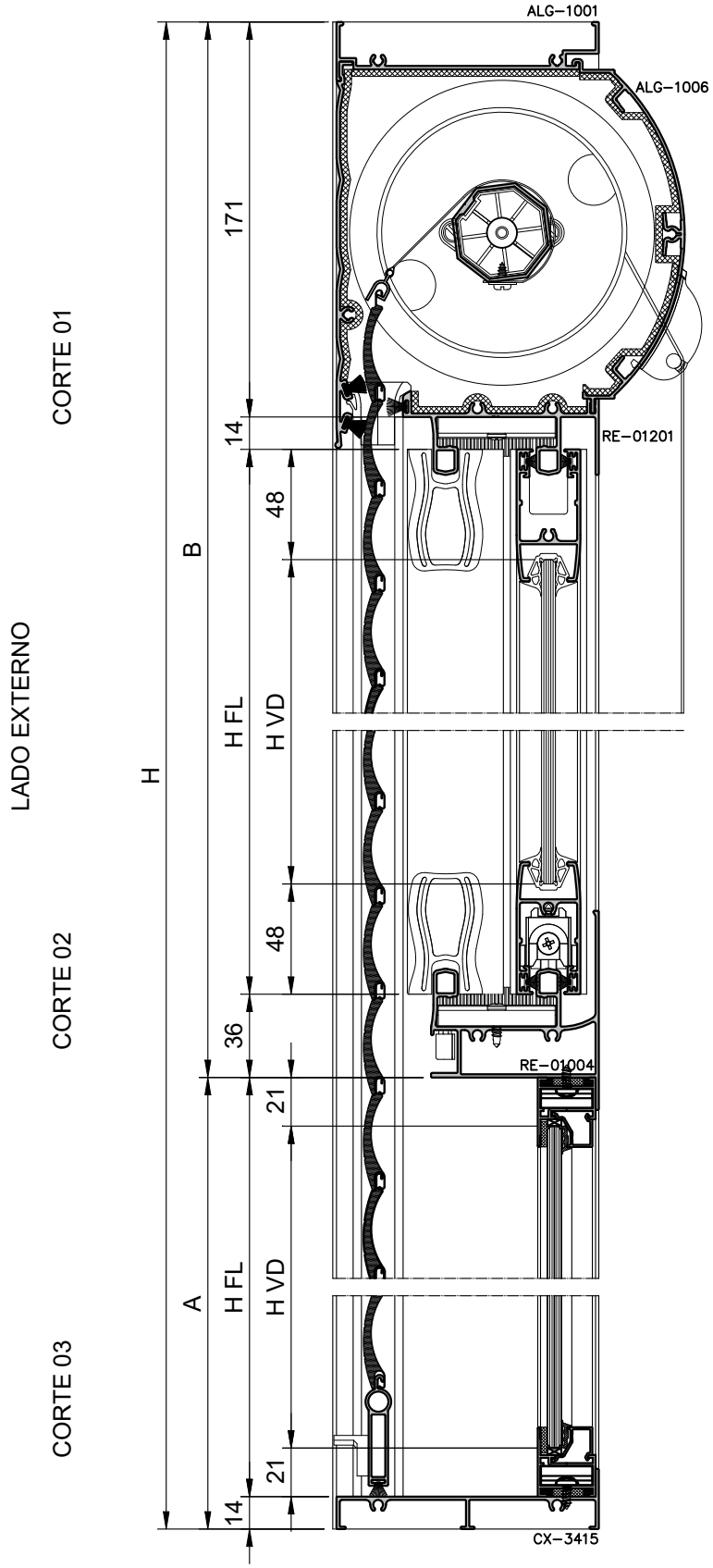
LADO EXTERNO

*Quando utilizado como guarda corpo conforme norma NBR-14718 aplicar silicone estrutural em todo o perimetro do vidro do peitoril

JANELA DE CORRER
2 FOLHAS

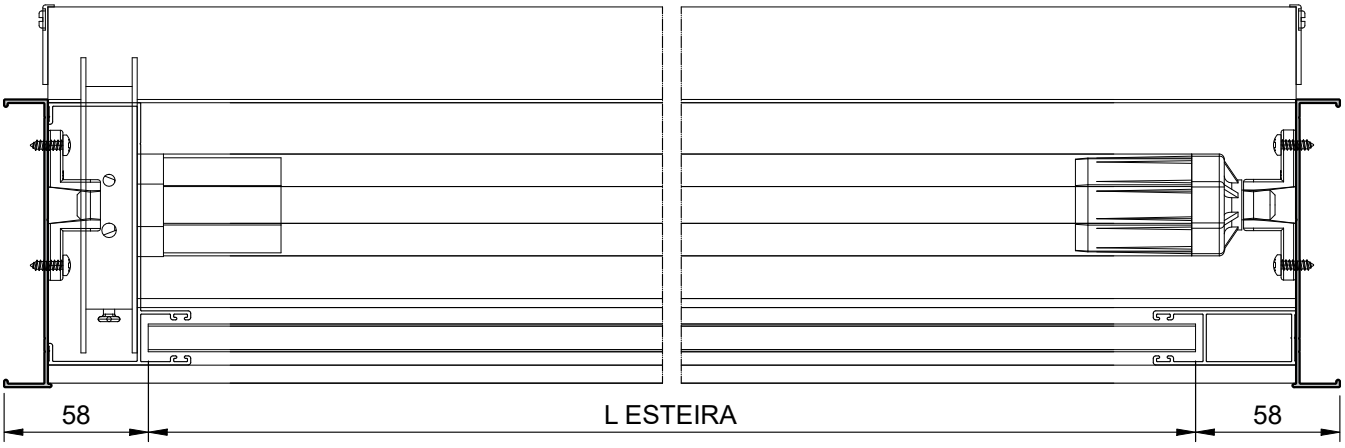
COM PEITORIL FIXO PERSIANA INTEGRADA



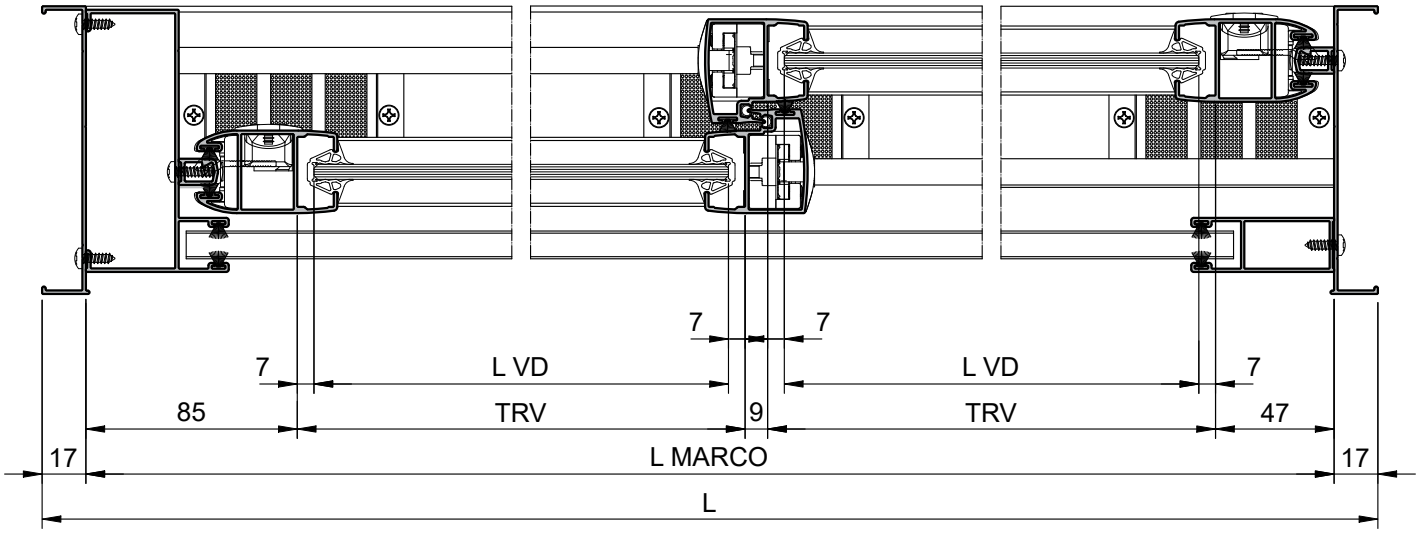


*Quando utilizado como guarda corpo conforme norma NBR-14718 aplicar silicone estrutural em todo o perimetro do vidro do peitoril

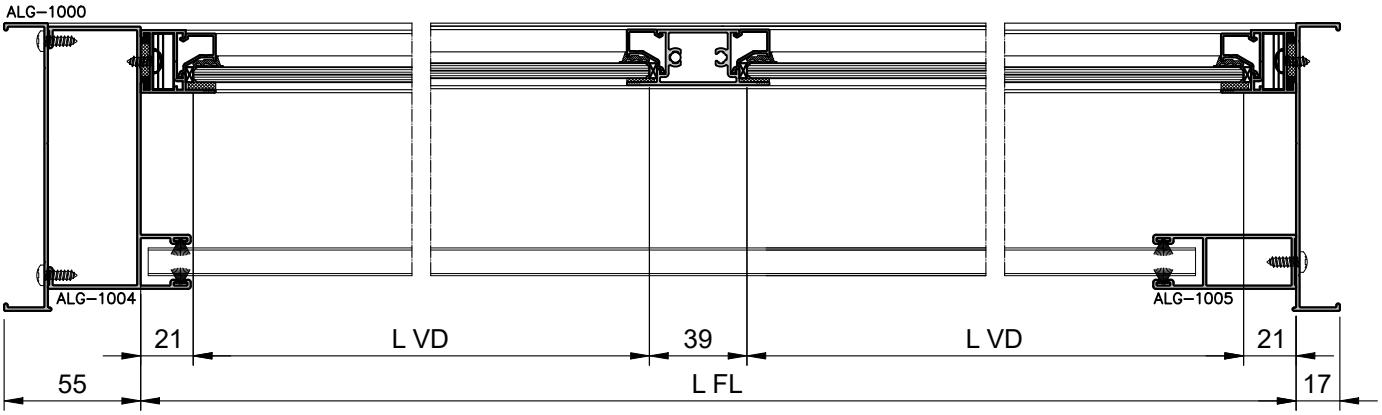
JANELA DE CORRER
2 FOLHAS
COM PEITORIL FIXO PERSIANA INTEGRADA



CORTE 04 CORTE 05



CORTE 06 CORTE 07 CORTE 08

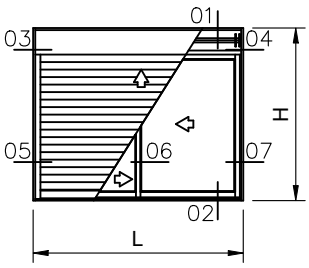


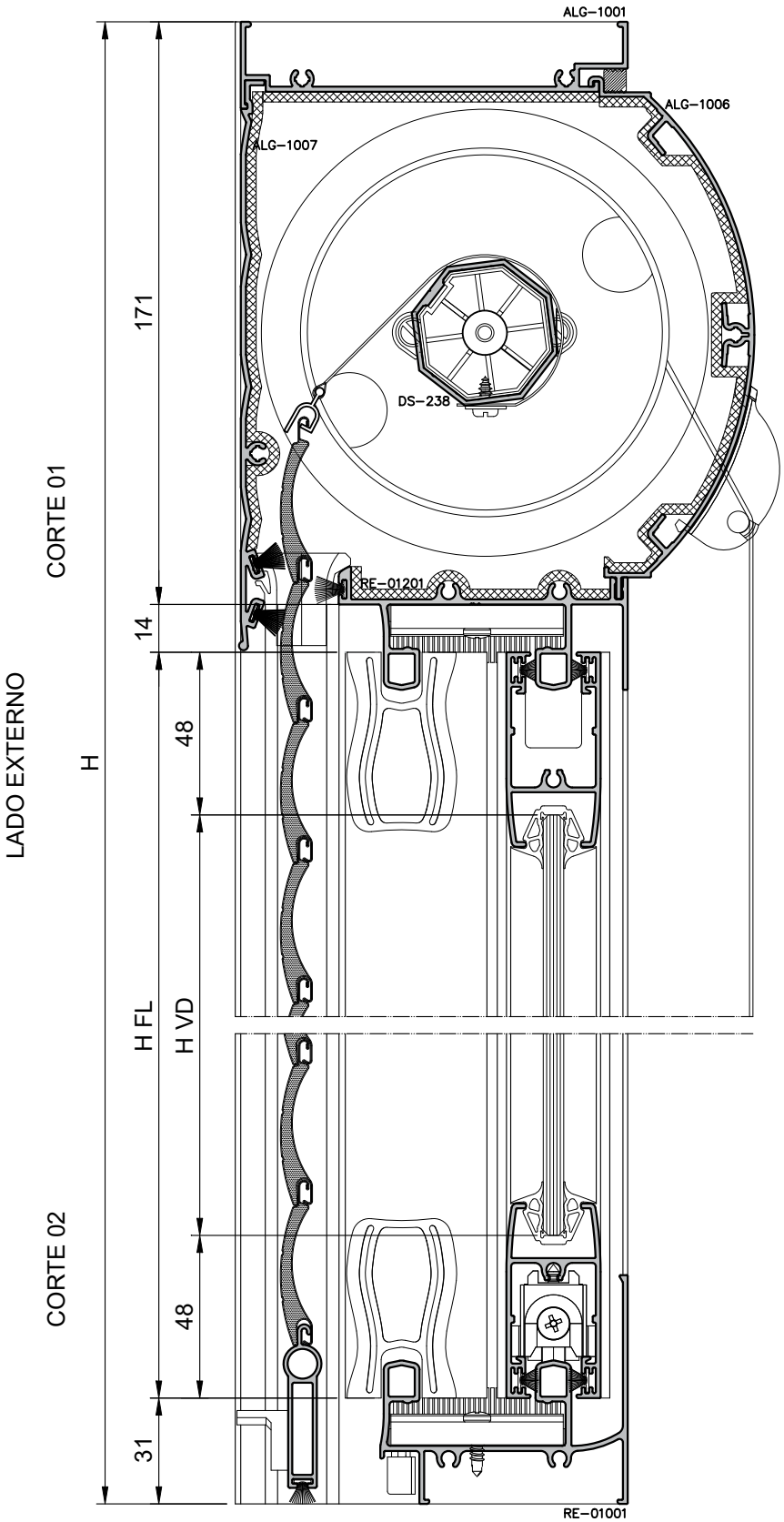
CORTE 09 CORTE 10 CORTE 11

LADO EXTERNO

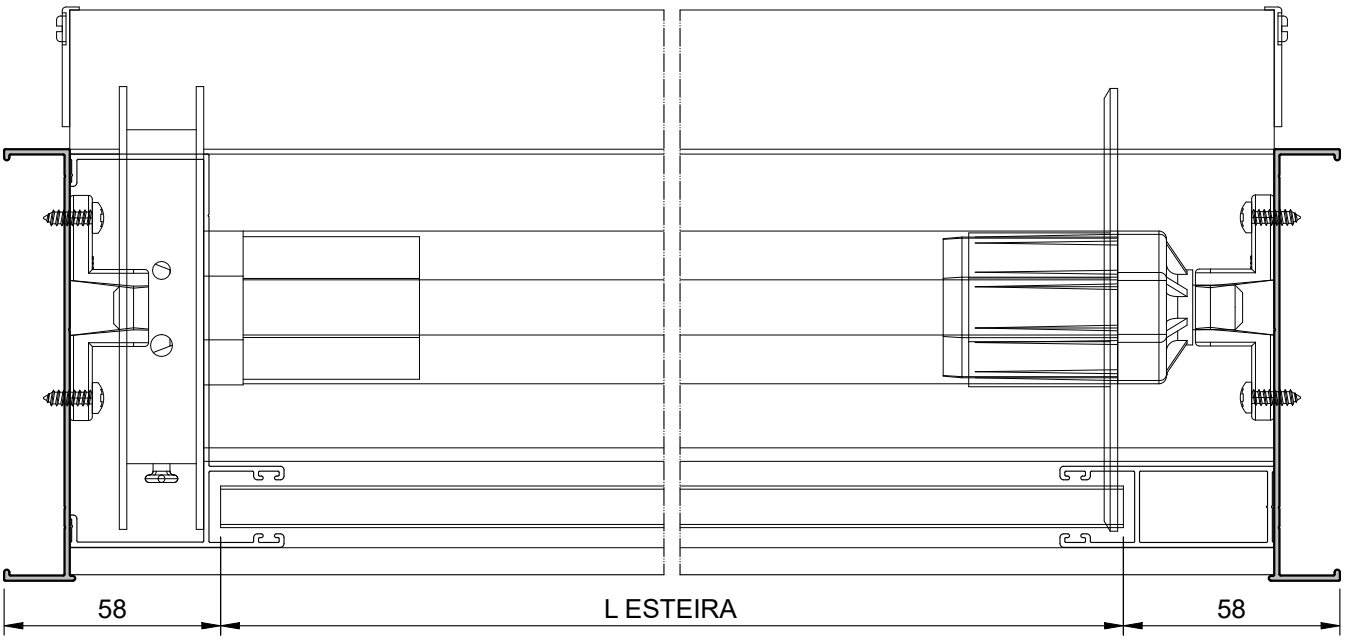
*Quando utilizado como guarda corpo conforme norma NBR-14718 aplicar silicone estrutural em todo o perimetro do vidro do peitoril

JANELA DE CORRER
2 FOLHAS
COM PERSIANA INTEGRADA

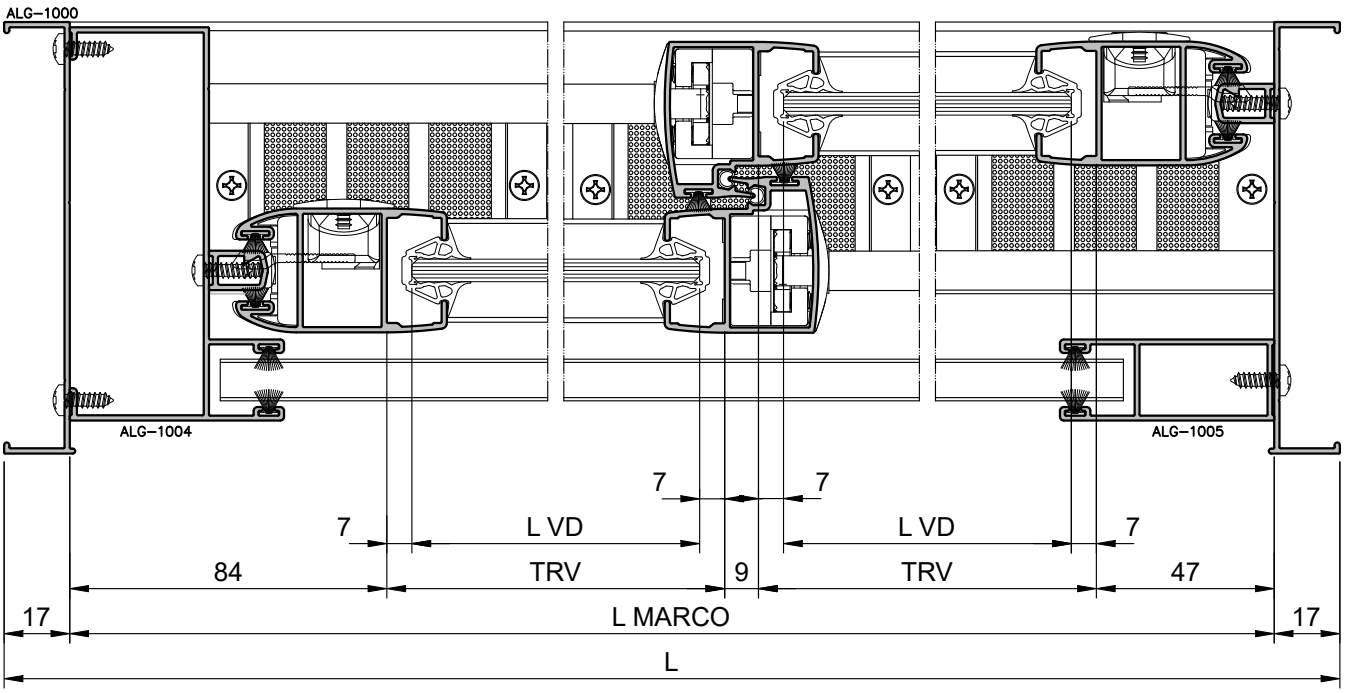




JANELA DE CORRER
2 FOLHAS
COM PERSIANA INTEGRADA



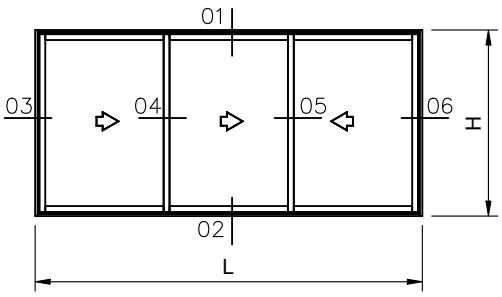
CORTE 03 CORTE 04

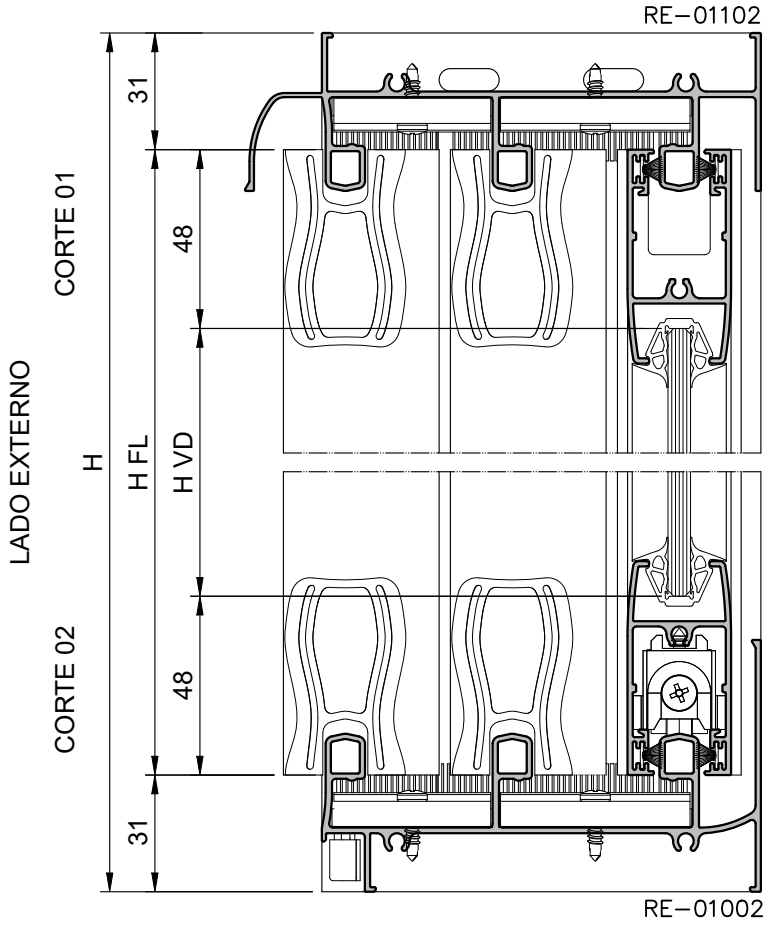


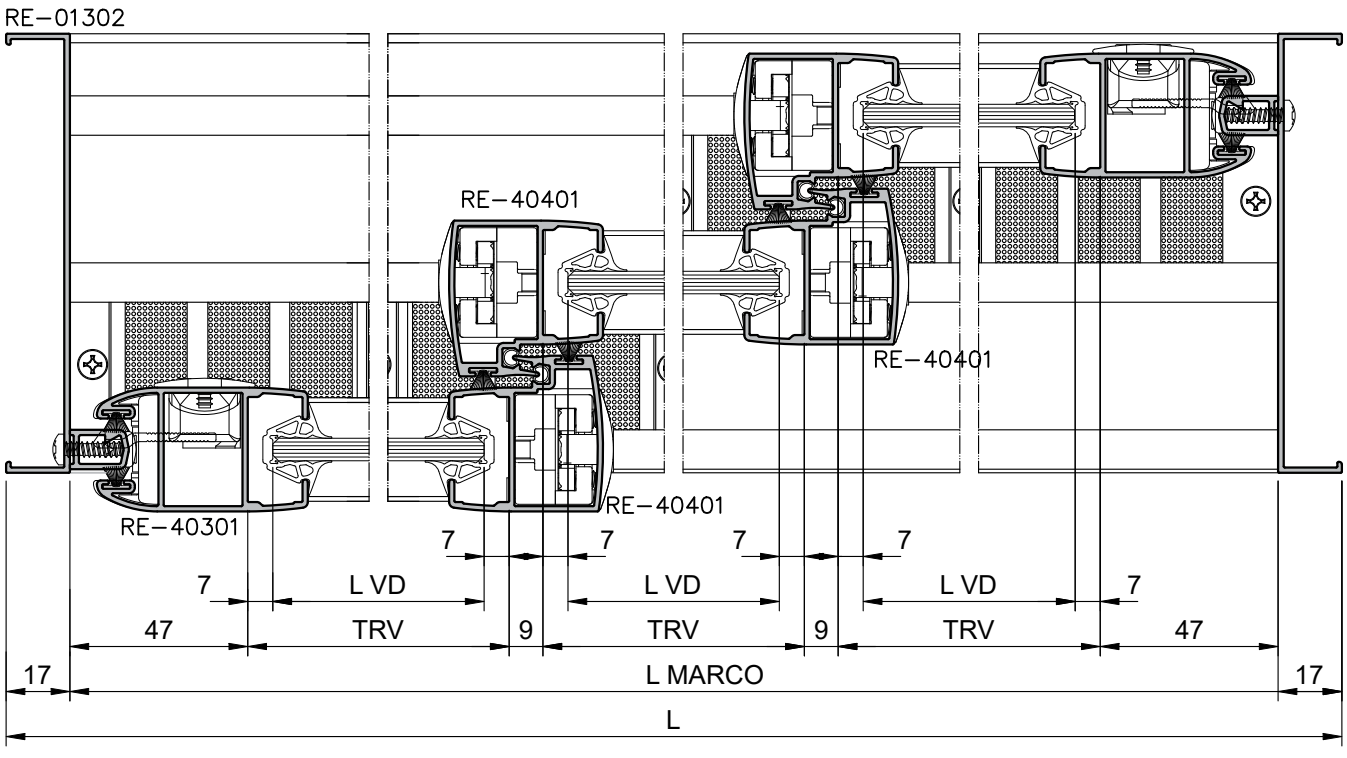
CORTE 05 CORTE 06 CORTE 07

LADO EXTERNO

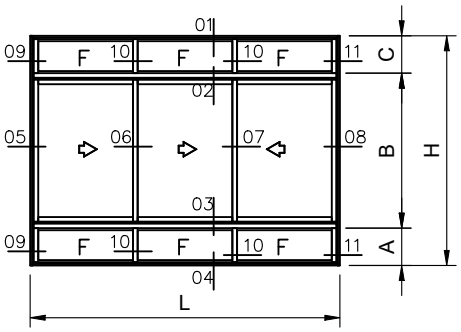
JANELA DE CORRER
3 FOLHAS (3 PLANOS)

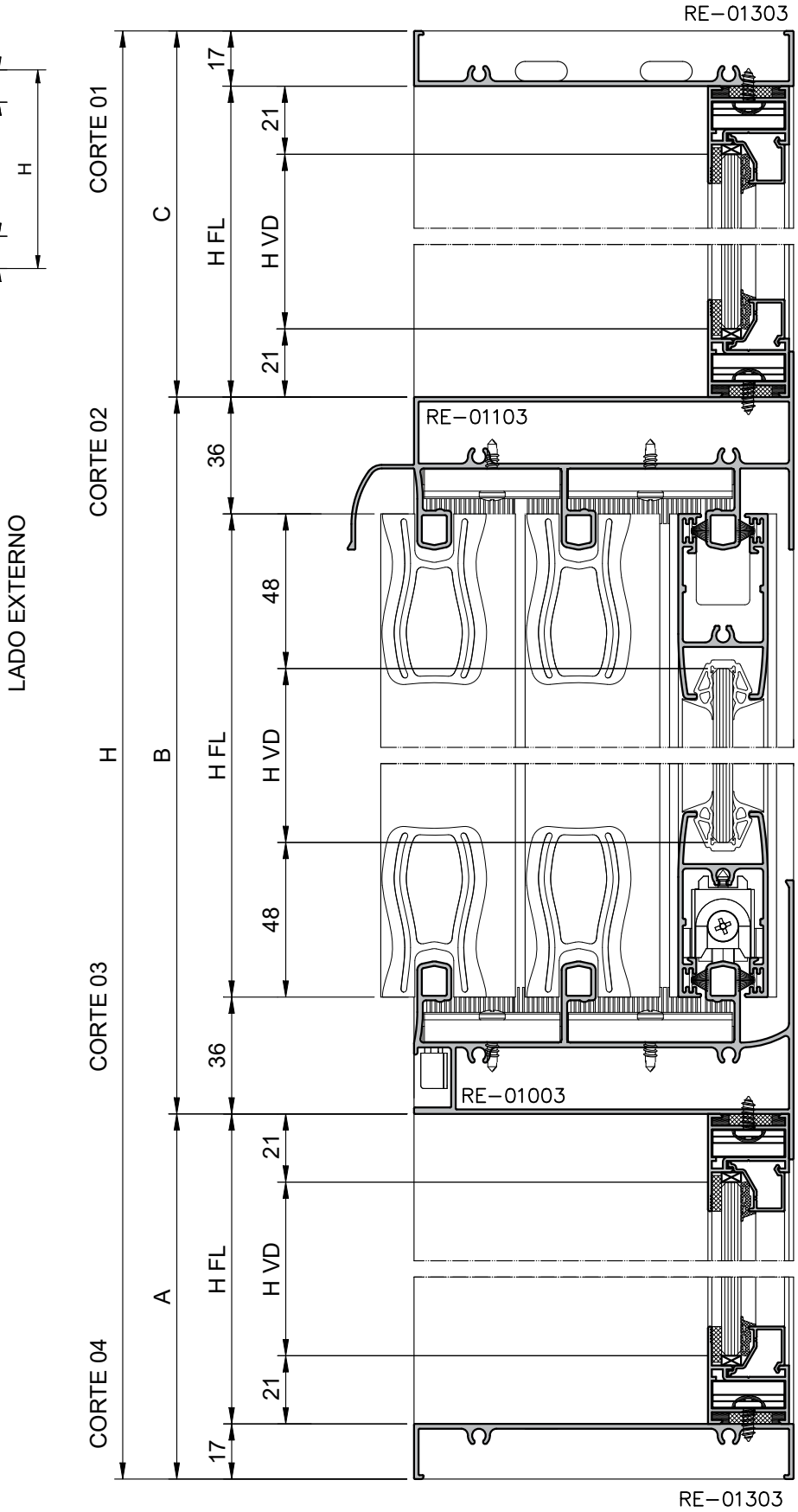






JANELA DE CORRER
3 FOLHAS (3 PLANOS)
COM BANDEIRA E PEITORIL FIXOS

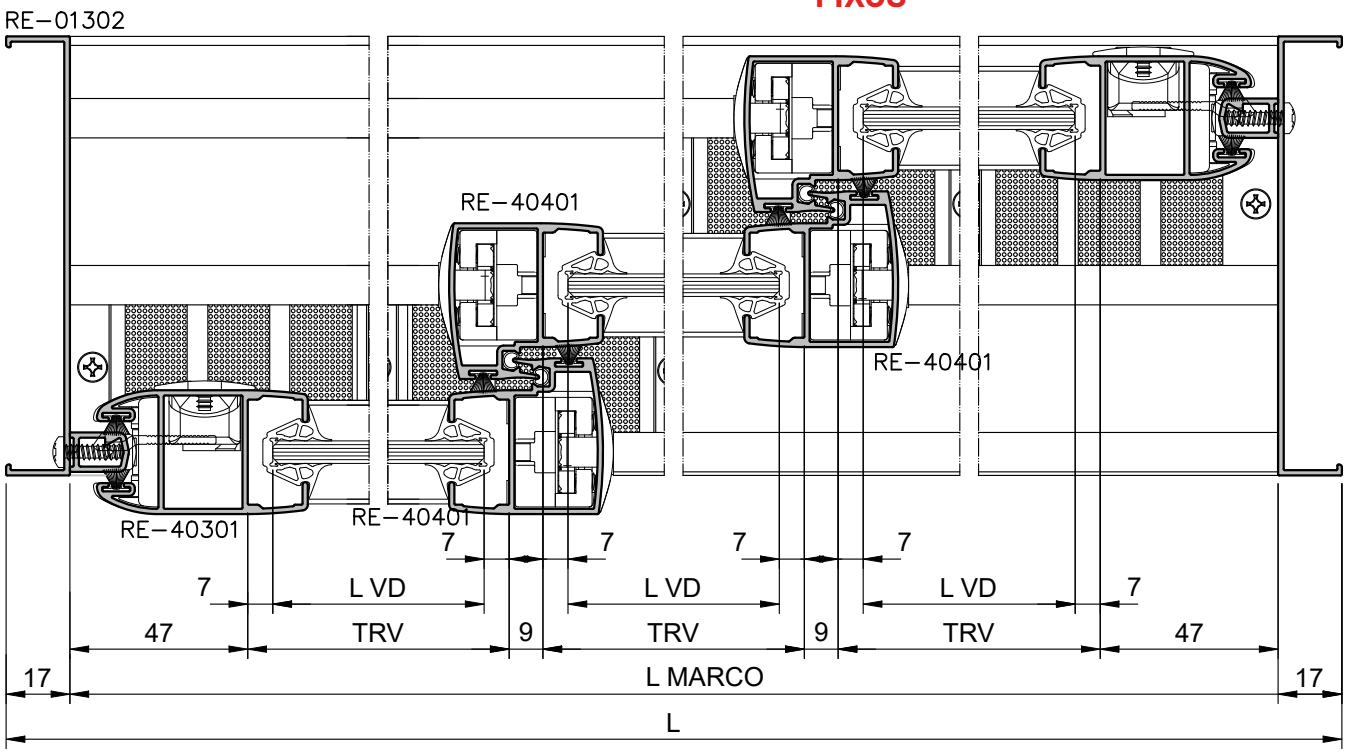




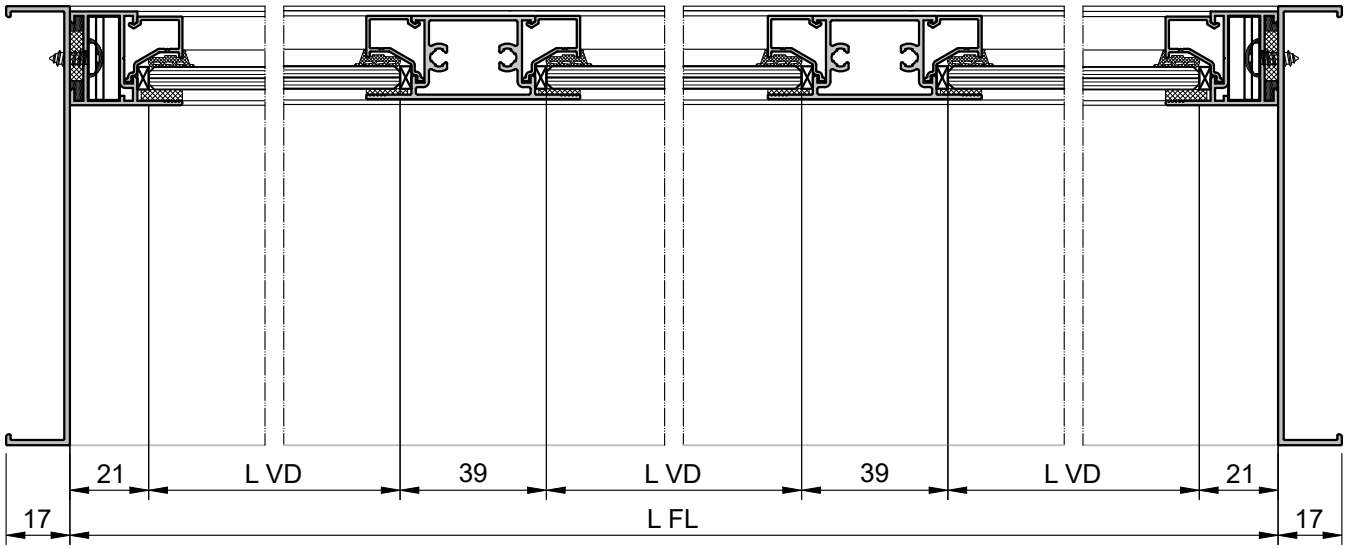
*Quando utilizado como guarda corpo conforme norma NBR-14718 aplicar silicone estrutural em todo o perimetro do vidro do peitoril

JANELA DE CORRER
3 FOLHAS (3 PLANOS)

COM BANDEIRA E PEITORIL FIXOS



CORTE 05 CORTE 06 CORTE 07 CORTE 08



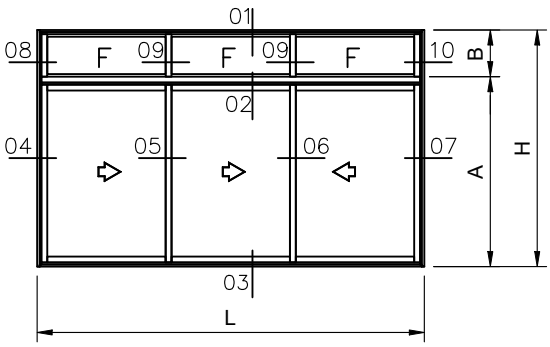
CORTE 09 CORTE 10 CORTE 10 CORTE 11

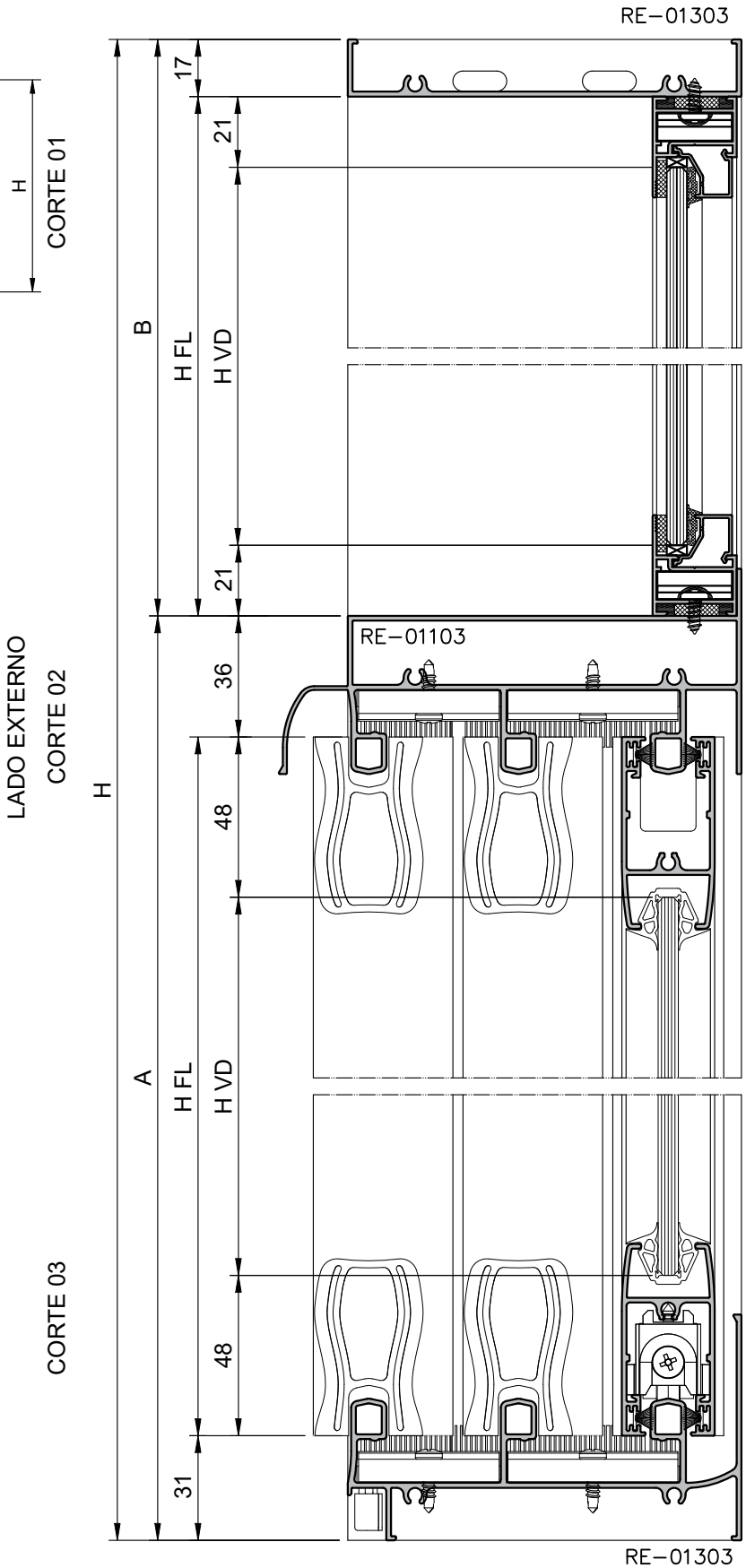
LADO EXTERNO

*Quando utilizado como guarda corpo conforme norma NBR-14718 aplicar silicone estrutural em todo o perimetro do vidro do peitoril

JANELA DE CORRER
3 FOLHAS (3 PLANOS)

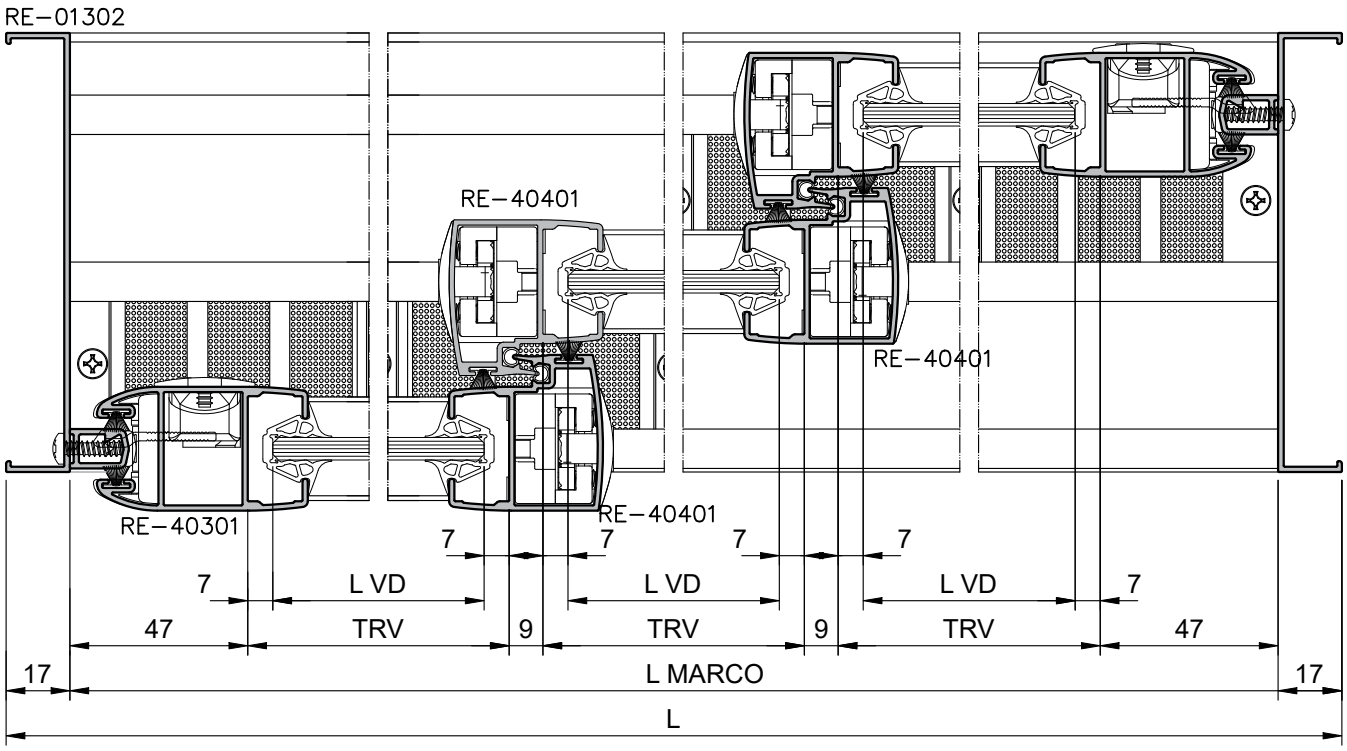
COM BANDEIRA FIXA



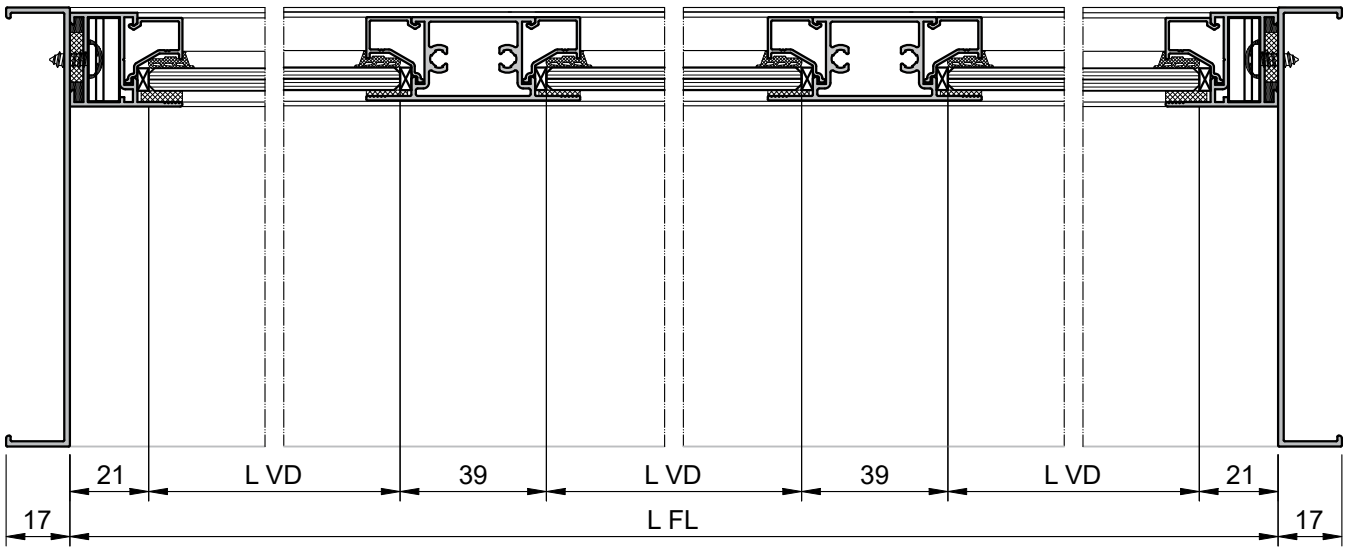


JANELA DE CORRER
3 FOLHAS (3 PLANOS)

COM BANDEIRA FIXA



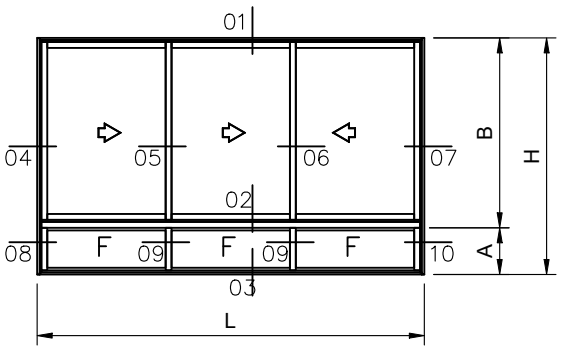
CORTE 04 CORTE 05 CORTE 06 CORTE 07

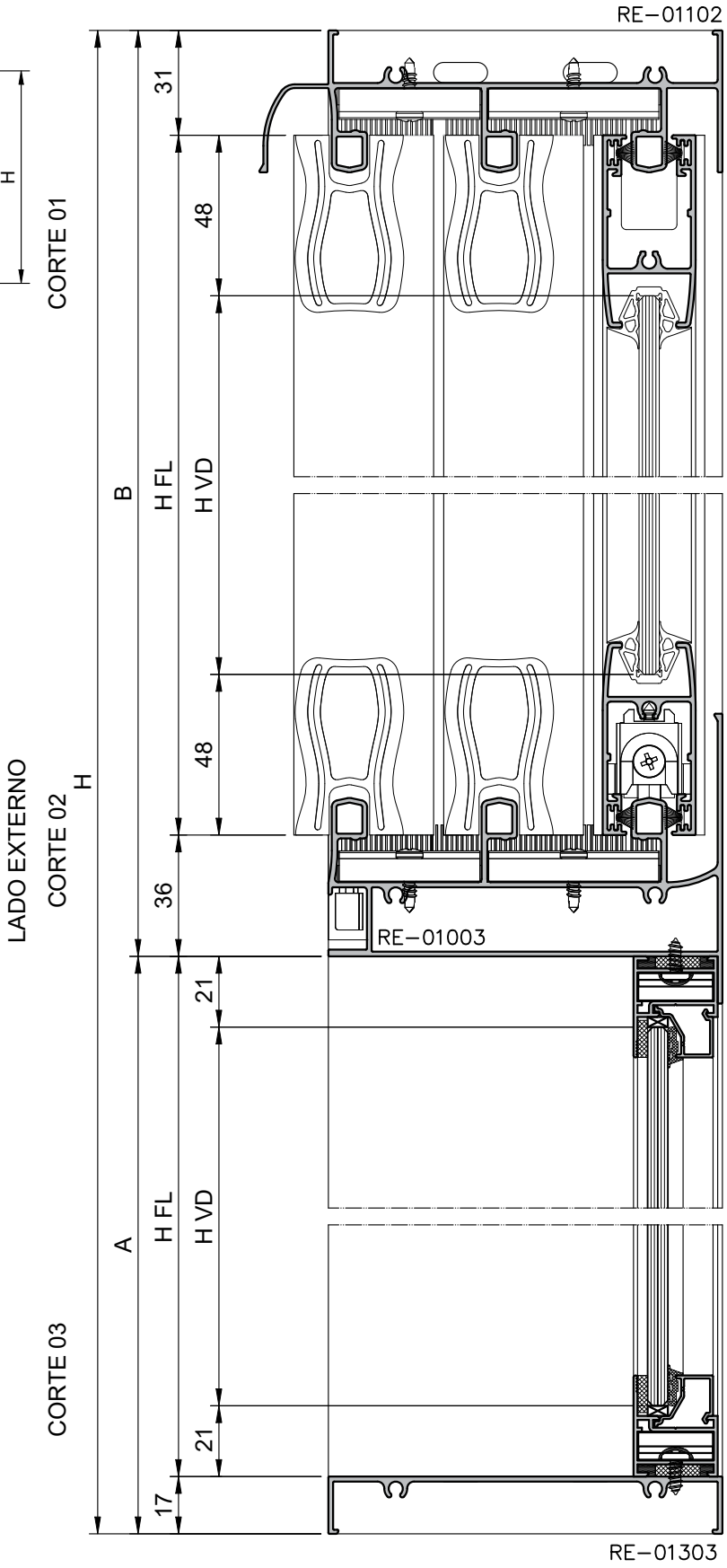


CORTE 08 CORTE 09 CORTE 09 CORTE 10

LADO EXTERNO

JANELA DE CORRER
3 FOLHAS (3 PLANOS)
COM PEITORIL FIXO

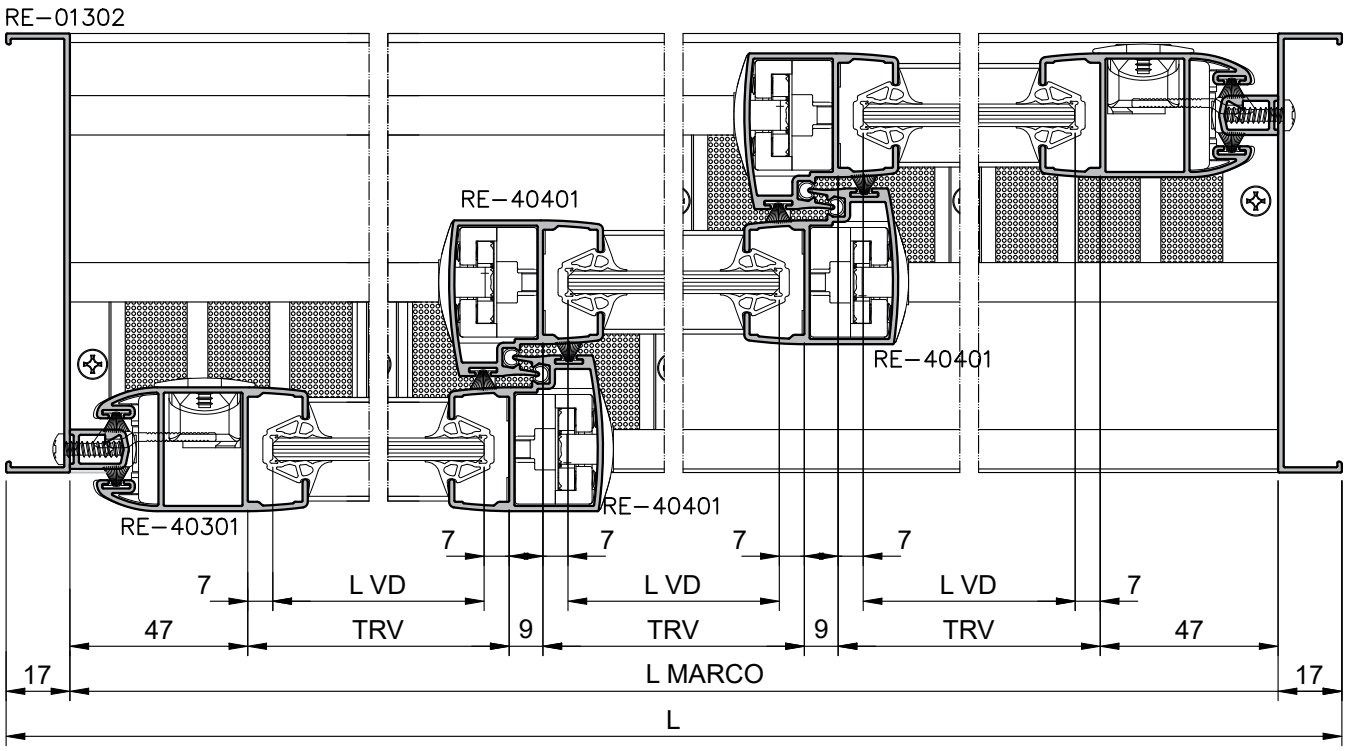




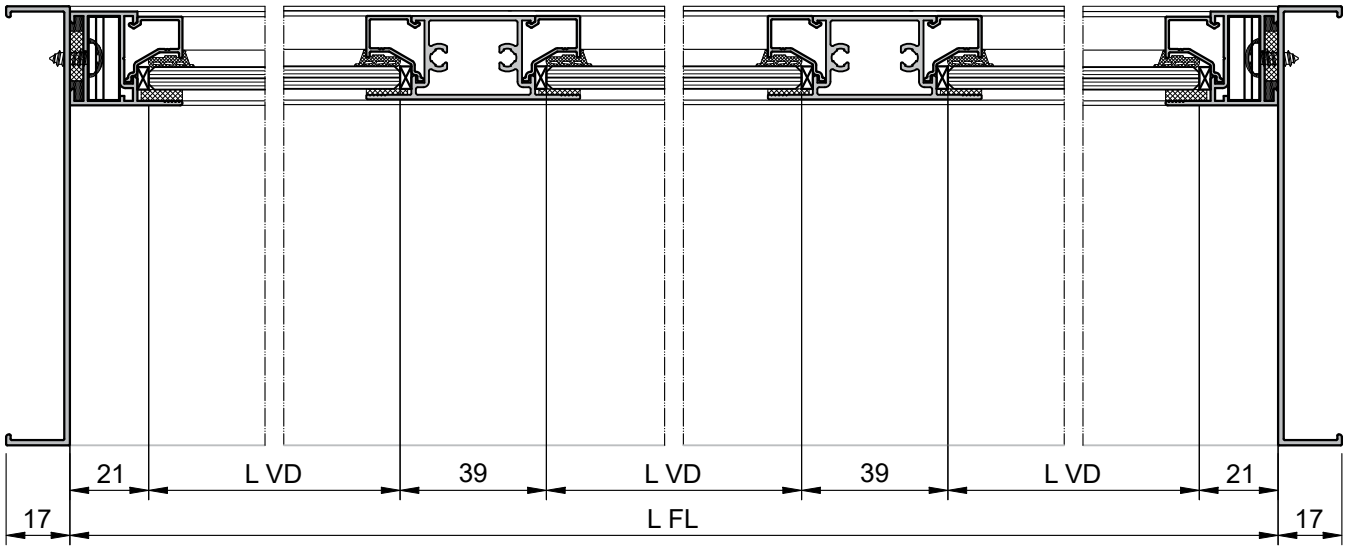
*Quando utilizado como guarda corpo conforme norma NBR-14718 aplicar silicone estrutural em todo o perimetro do vidro do peitoril

JANELA DE CORRER
3 FOLHAS (3 PLANOS)

COM PEITORIL FIXO



CORTE 04 CORTE 05 CORTE 06 CORTE 07

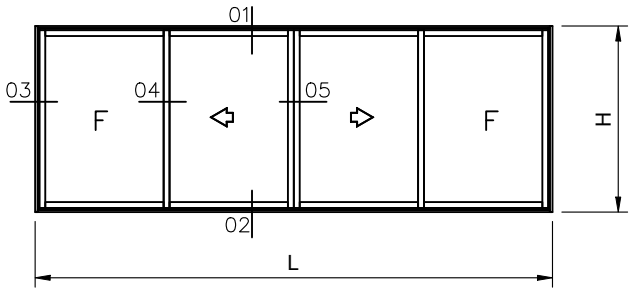


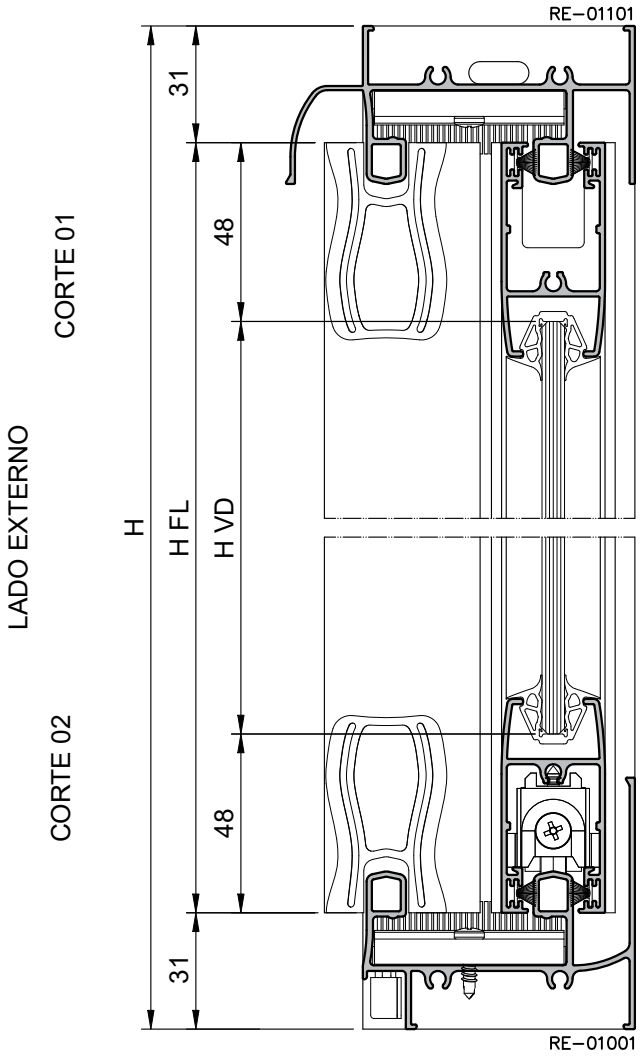
CORTE 08 CORTE 09 CORTE 09 CORTE 10

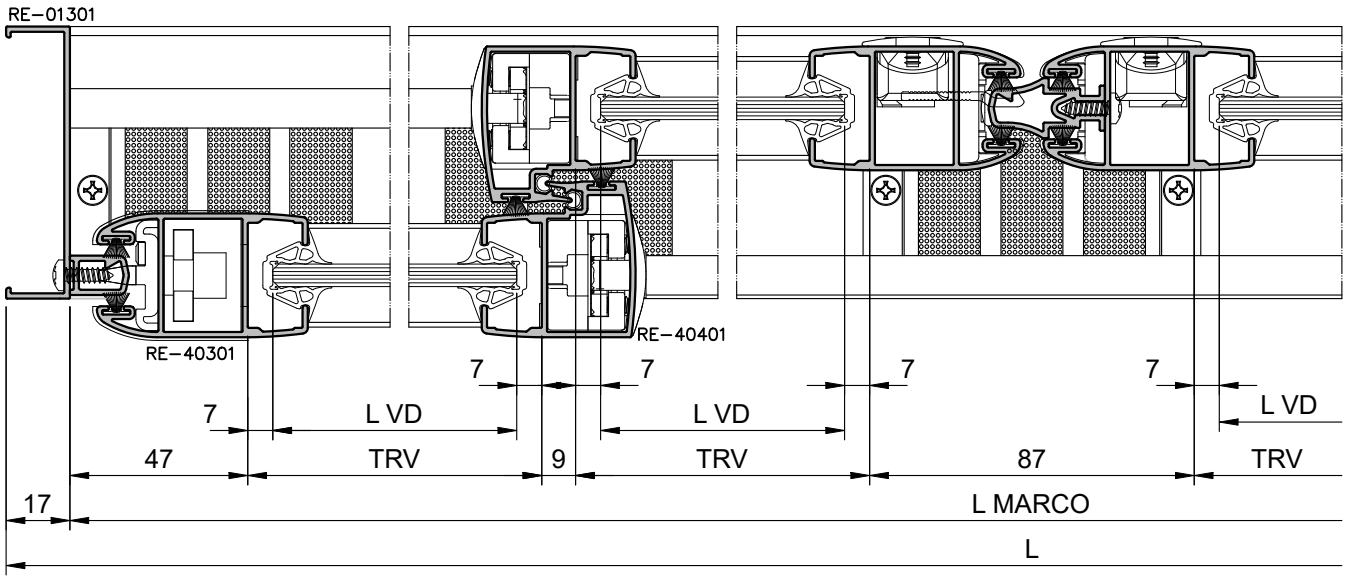
LADO EXTERNO

*Quando utilizado como guarda corpo conforme norma NBR-14718 aplicar silicone estrutural em todo o perimetro do vidro do peitoril

JANELA DE CORRER
4 FOLHAS





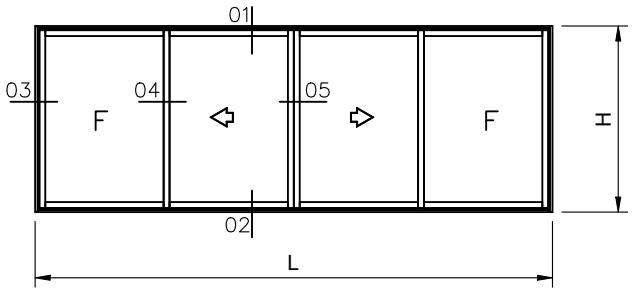


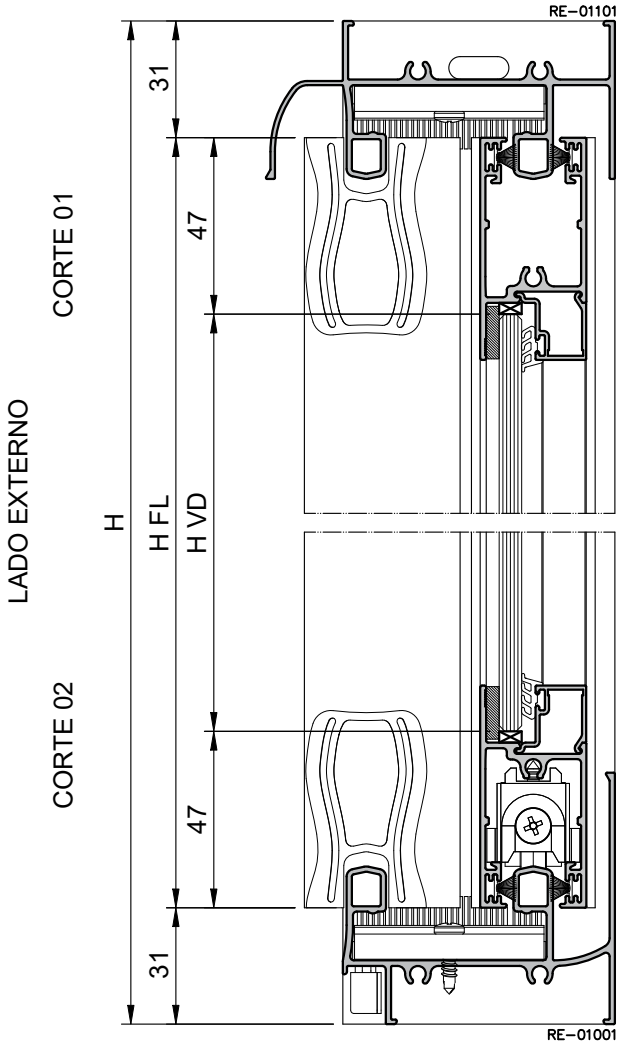
CORTE 03 CORTE 04 CORTE 05

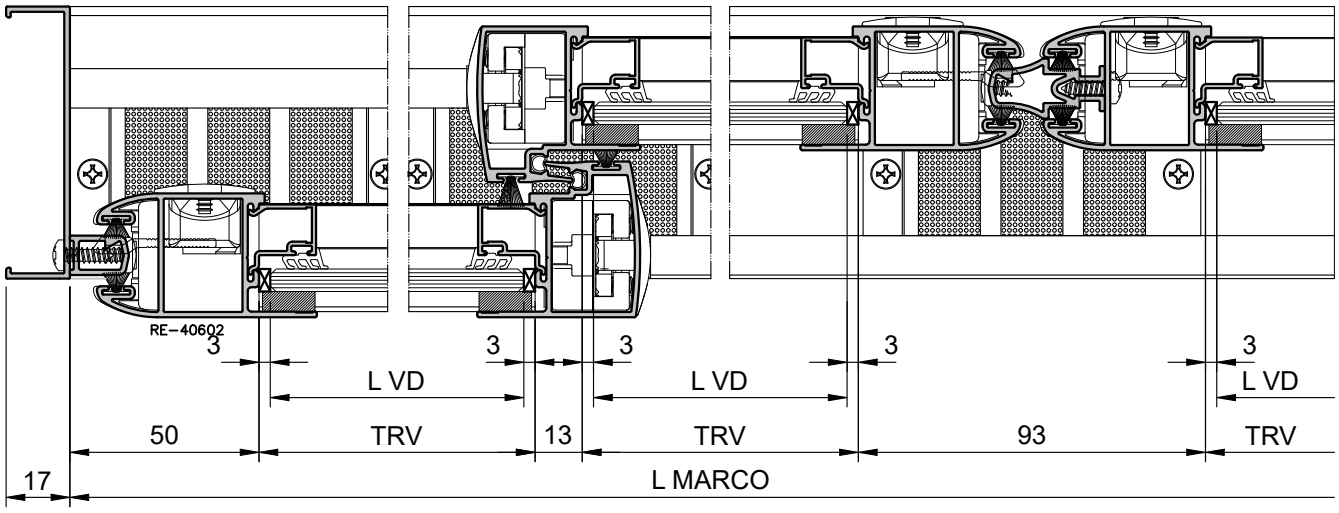
LADO EXTERNO

JANELA DE CORRER
4 FOLHAS

COM BAGUETE



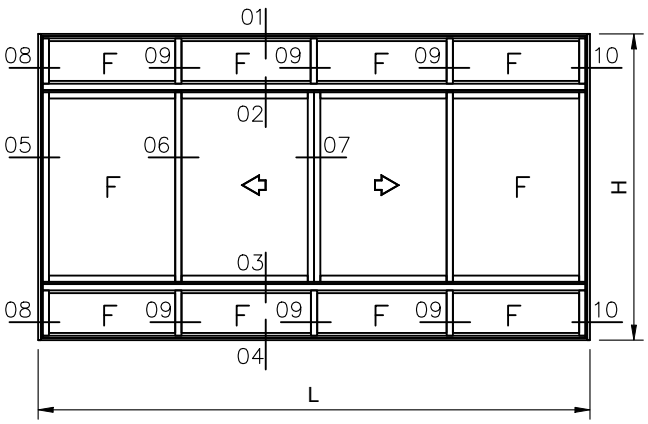


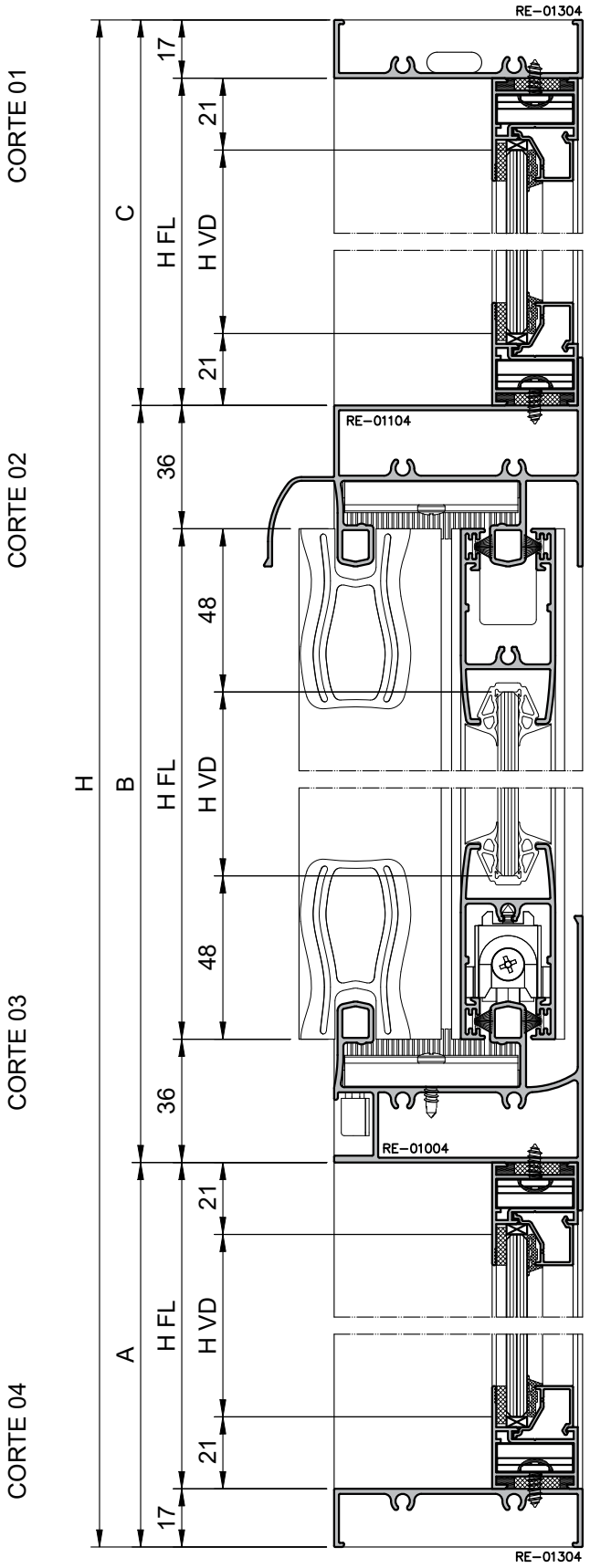


CORTE 03 CORTE 04 CORTE 05
LADO EXTERNO

JANELA DE CORRER
4 FOLHAS

COM BANDEIRA E PEITORIL FIXOS

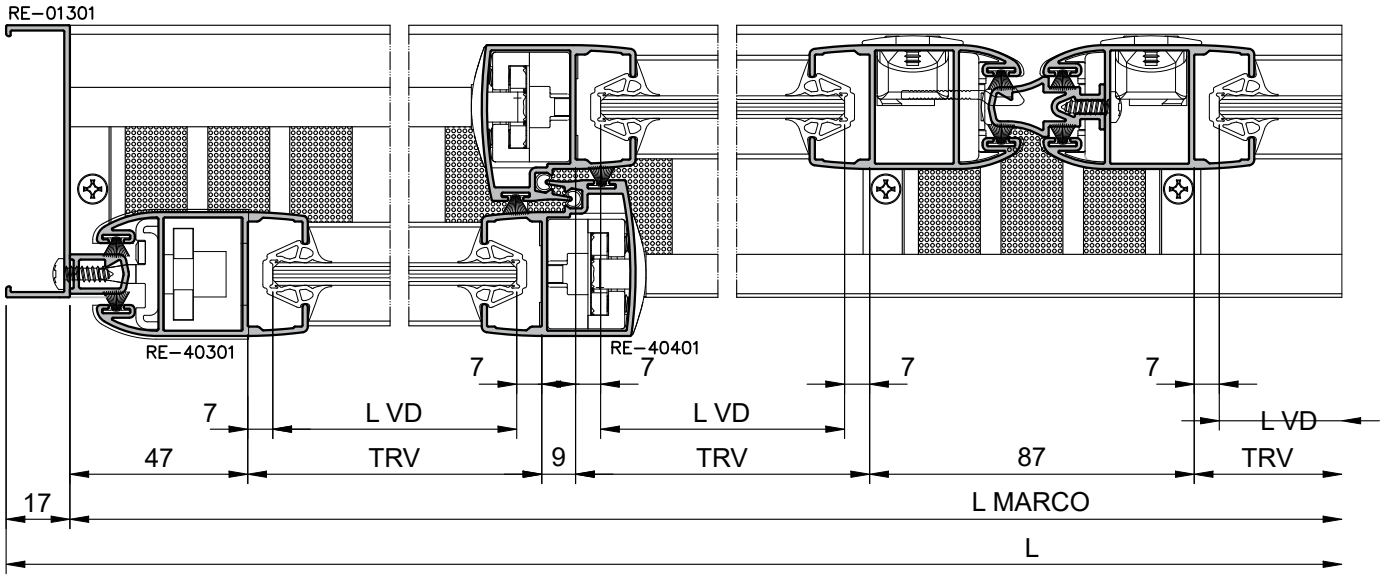




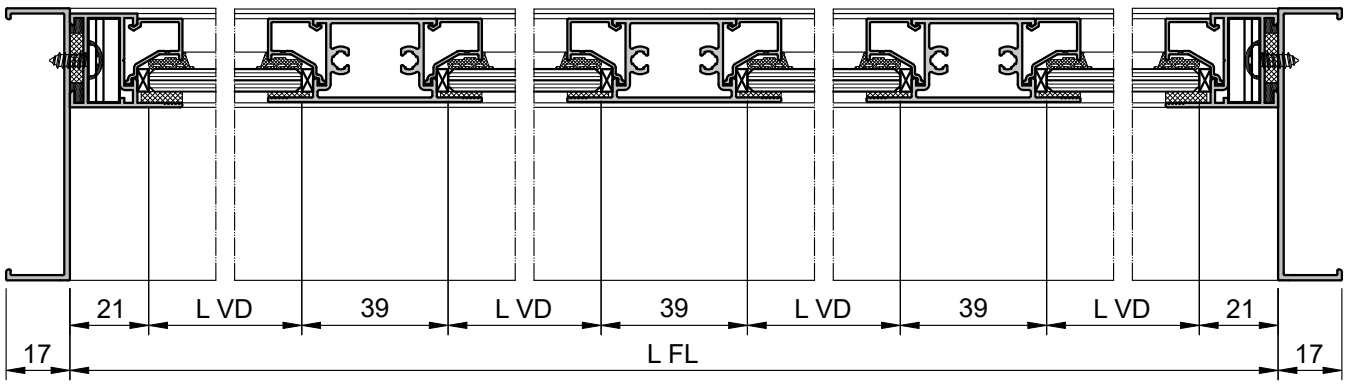
*Quando utilizado como guarda corpo conforme norma NBR-14718 aplicar silicone estrutural em todo o perimetro do vidro do peitoril

JANELA DE CORRER
4 FOLHAS

COM BANDEIRA E PEITORIL FIXOS



CORTE 05 CORTE 06 CORTE 07

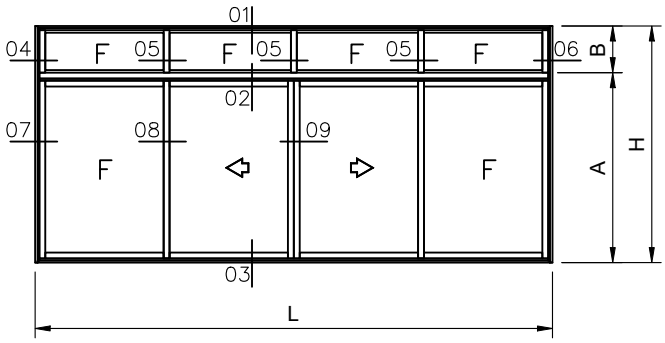


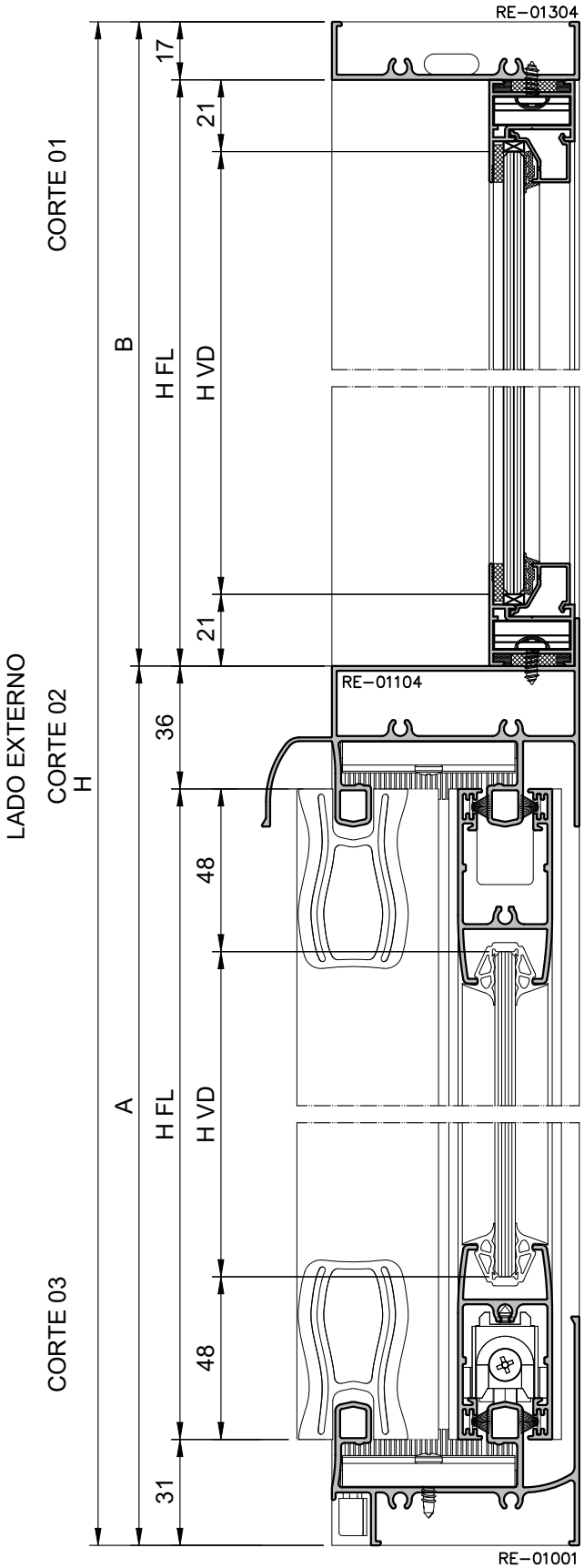
CORTE 08 CORTE 09 CORTE 09 CORTE 09 CORTE 10

LADO EXTERNO

*Quando utilizado como guarda corpo conforme norma NBR-14718 aplicar silicone estrutural em todo o perimetro do vidro do peitoril

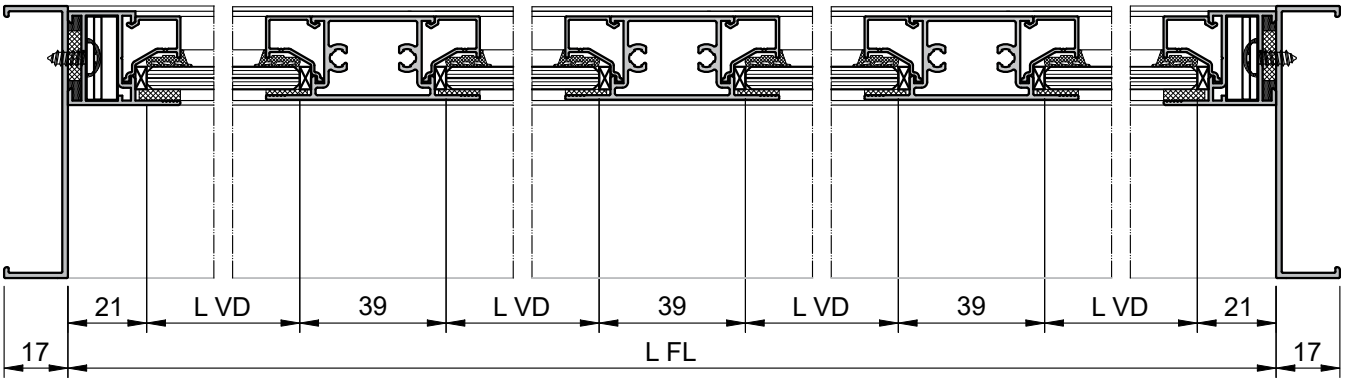
JANELA DE CORRER
4 FOLHAS
COM BANDEIRA FIXA



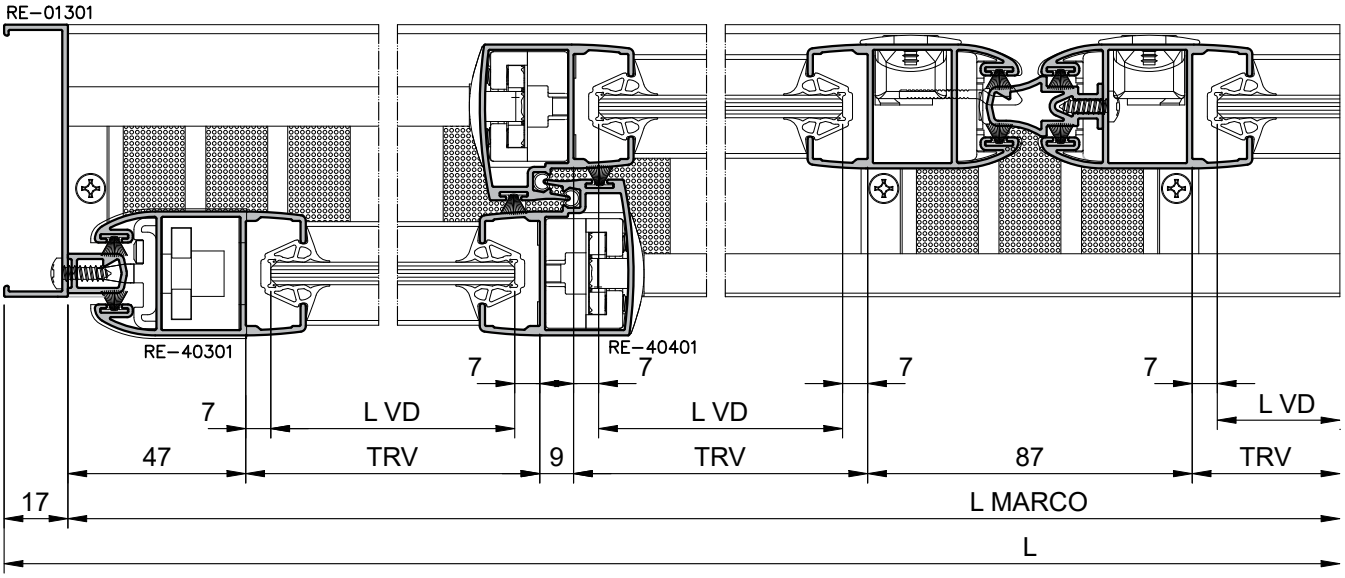


JANELA DE CORRER
4 FOLHAS

COM BANDEIRA FIXA



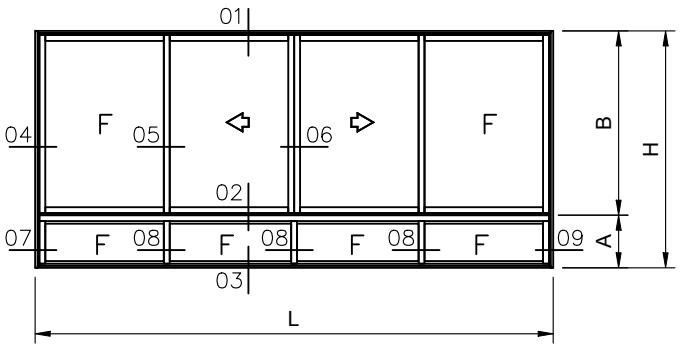
CORTE 04 CORTE 05 CORTE 05 CORTE 05 CORTE 06

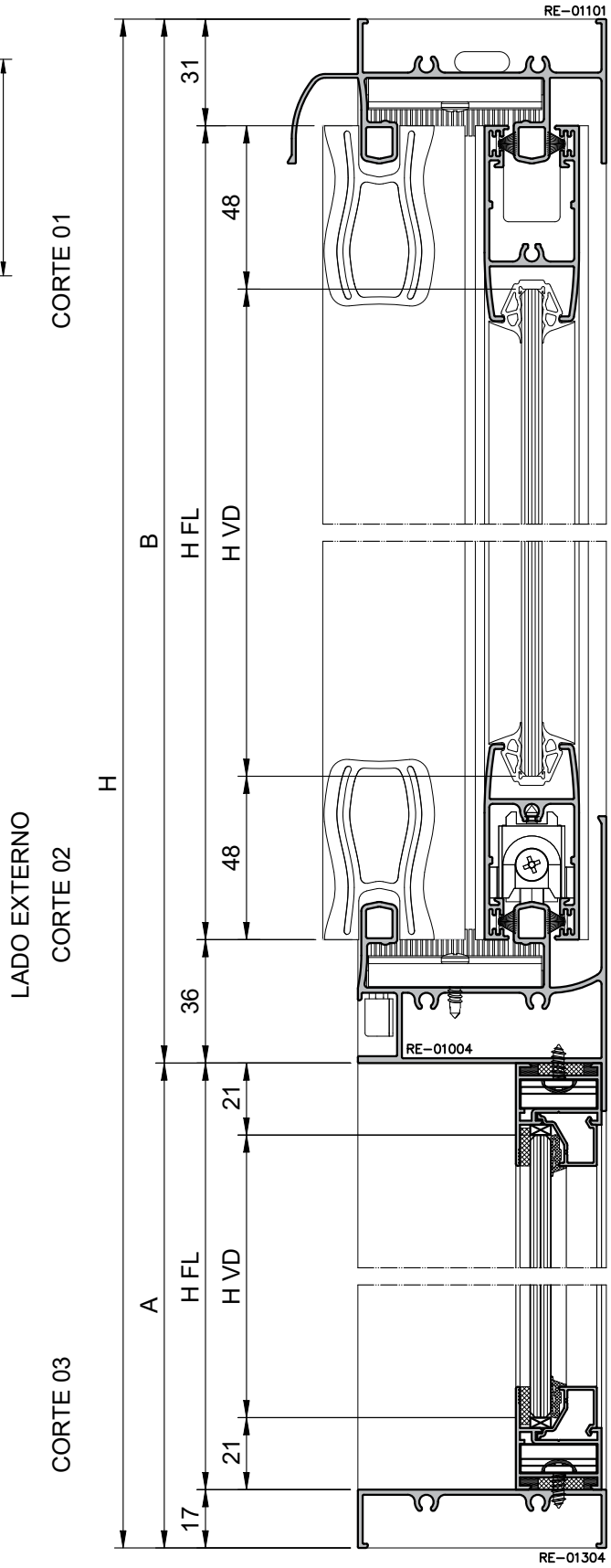


CORTE 07 CORTE 08 CORTE 09

LADO EXTERNO

JANELA DE CORRER
4 FOLHAS
COM BANDEIRA FIXA

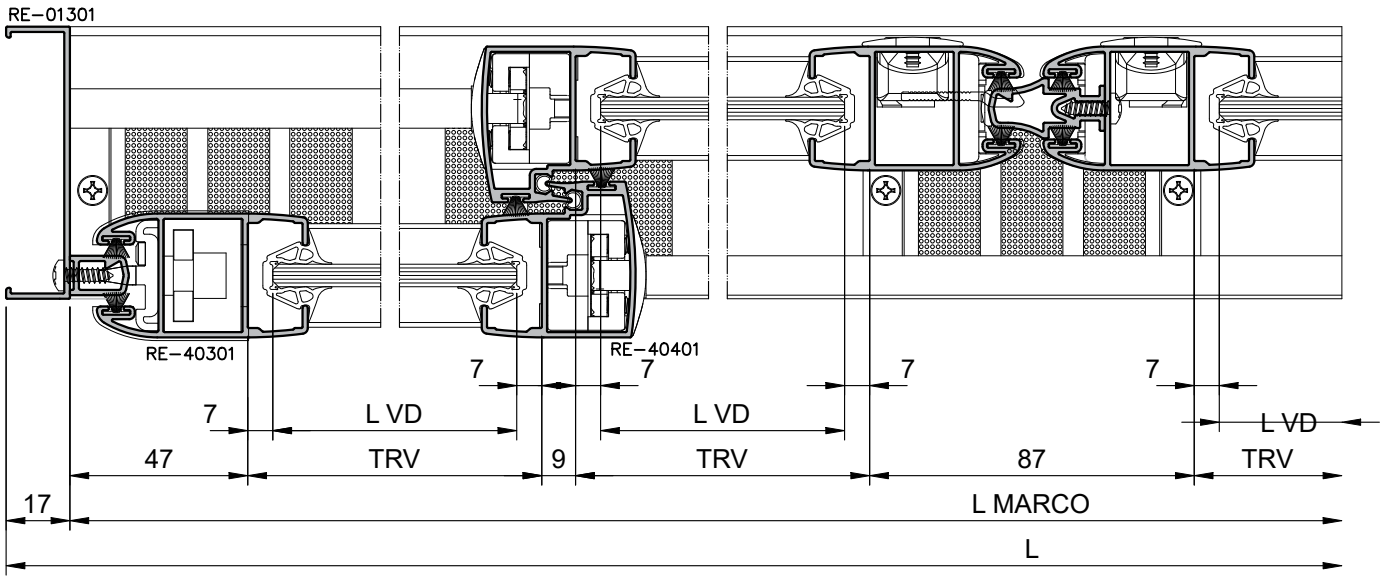




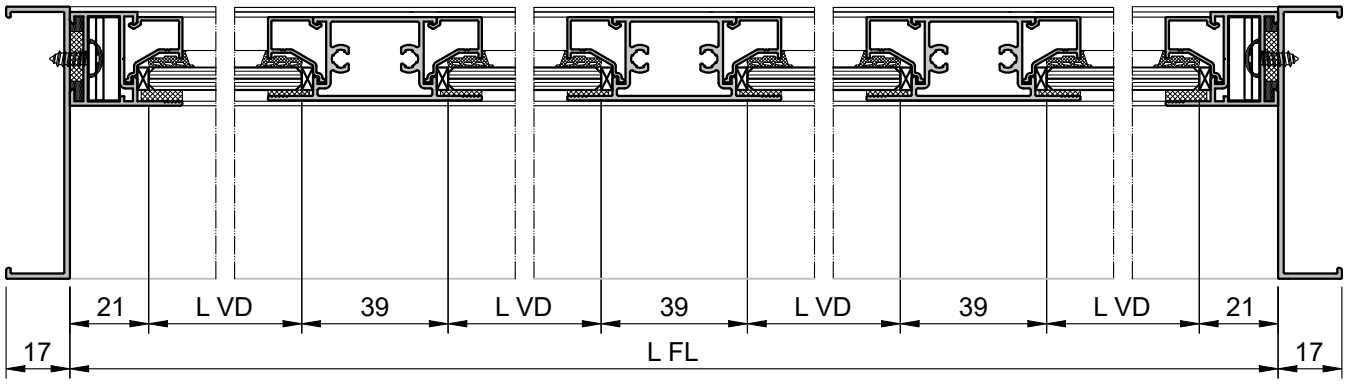
*Quando utilizado como guarda corpo conforme norma NBR-14718 aplicar silicone estrutural em todo o perimetro do vidro do peitoril

JANELA DE CORRER
4 FOLHAS

COM PEITORIL FIXO



CORTE 04 CORTE 05 CORTE 06



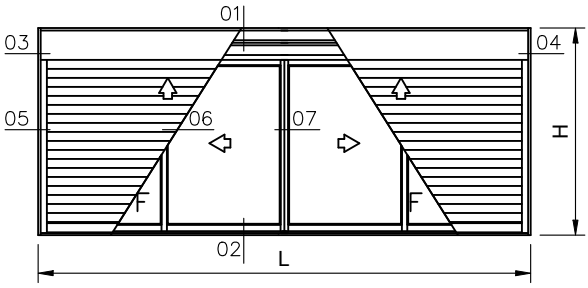
CORTE 07 CORTE 08 CORTE 08 CORTE 08 CORTE 09

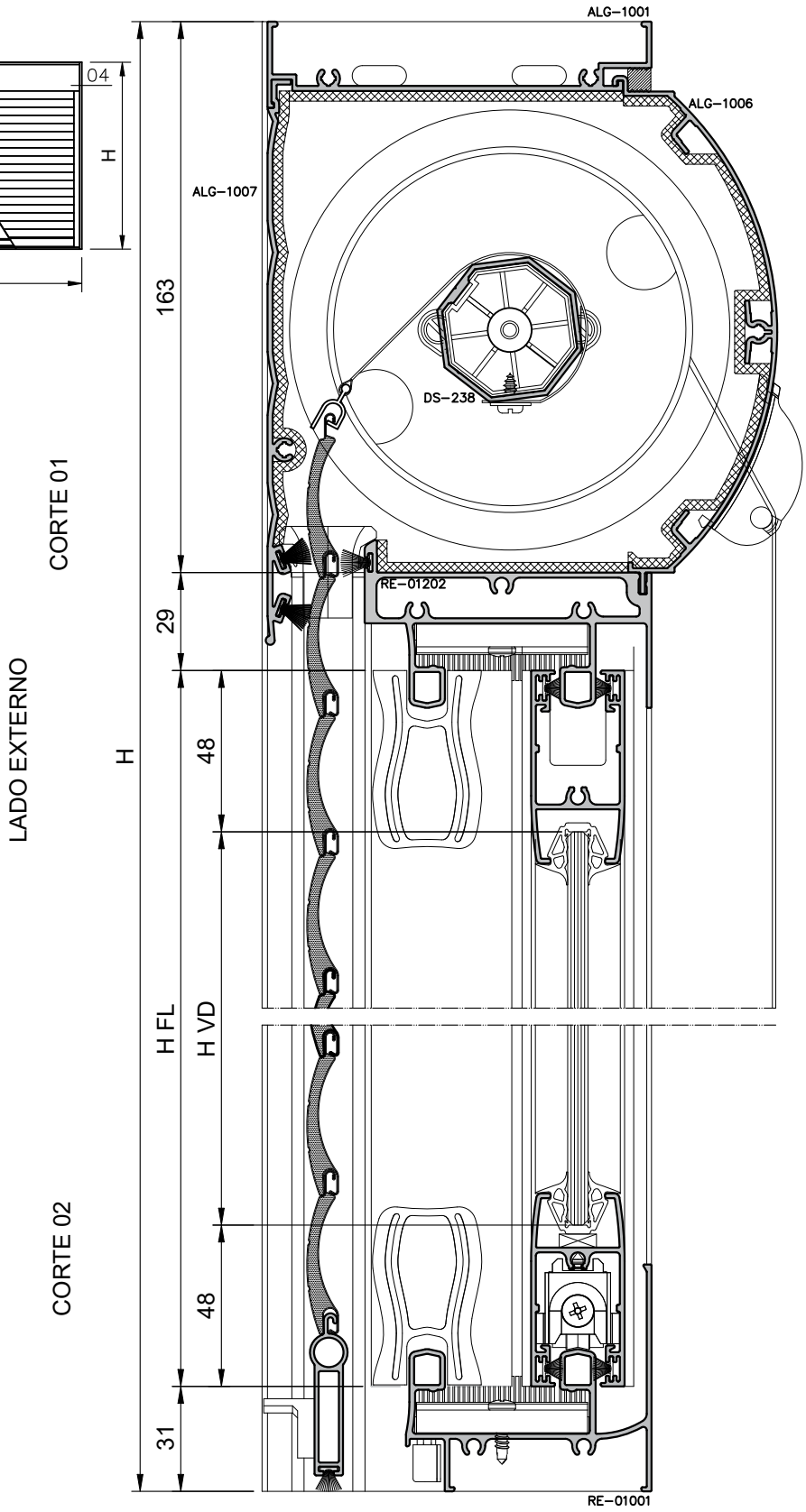
LADO EXTERNO

*Quando utilizado como guarda corpo conforme norma NBR-14718 aplicar silicone estrutural em todo o perimetro do vidro do peitoril

JANELA DE CORRER
4 FOLHAS

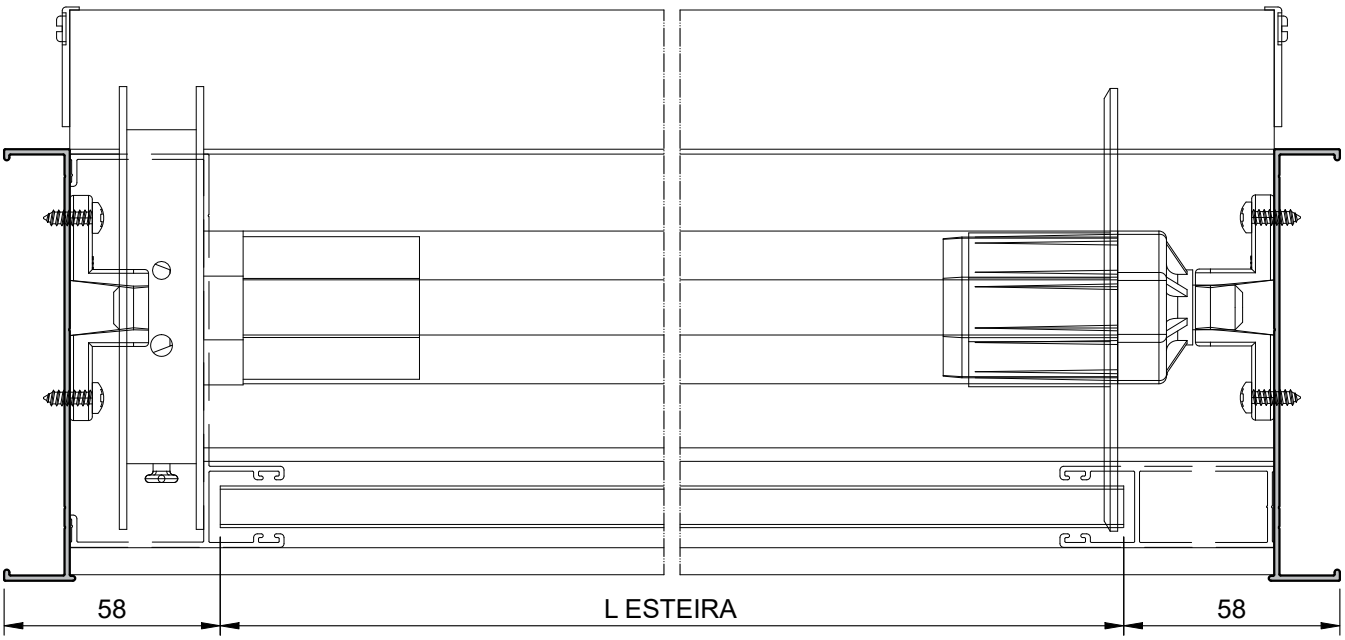
COM PERSIANA INTEGRADA



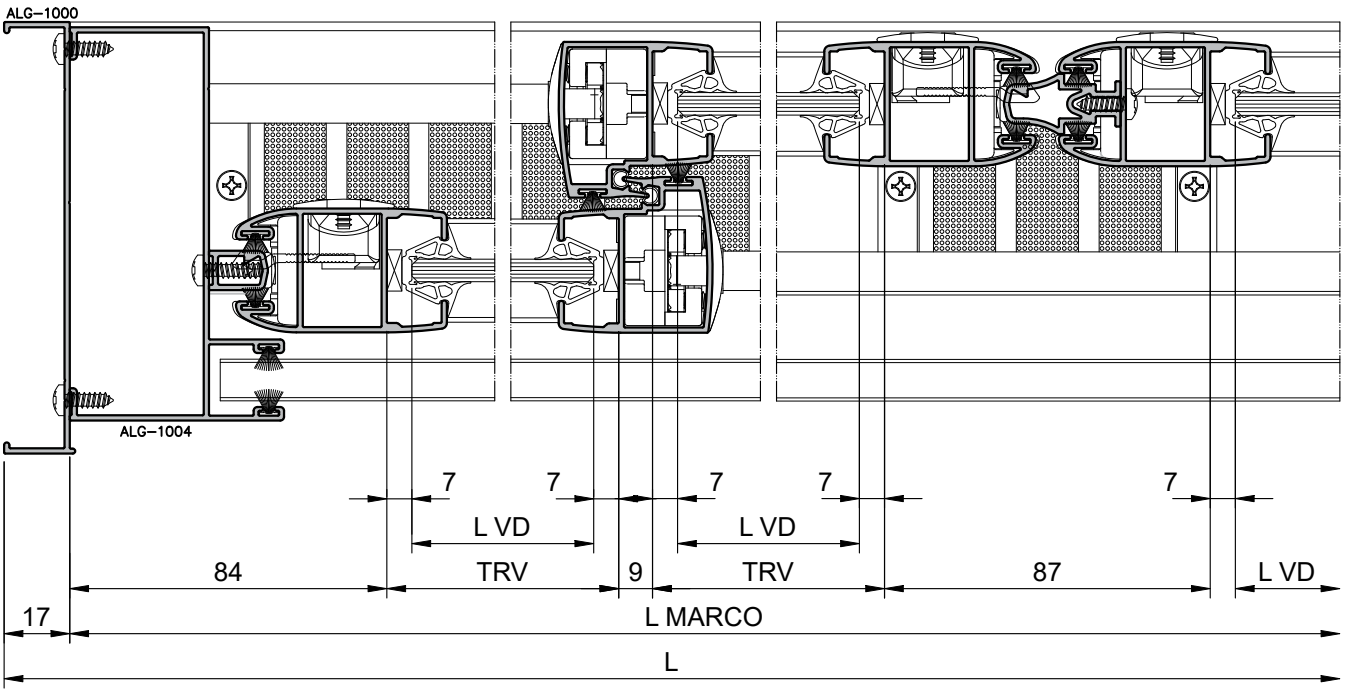


JANELA DE CORRER
4 FOLHAS

COM PERSIANA INTEGRADA



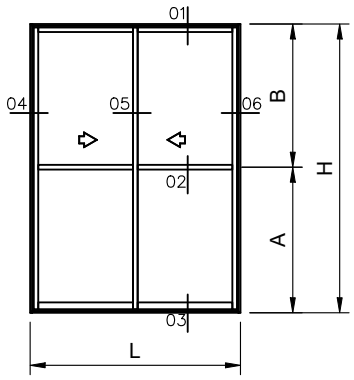
CORTE 03 CORTE 04

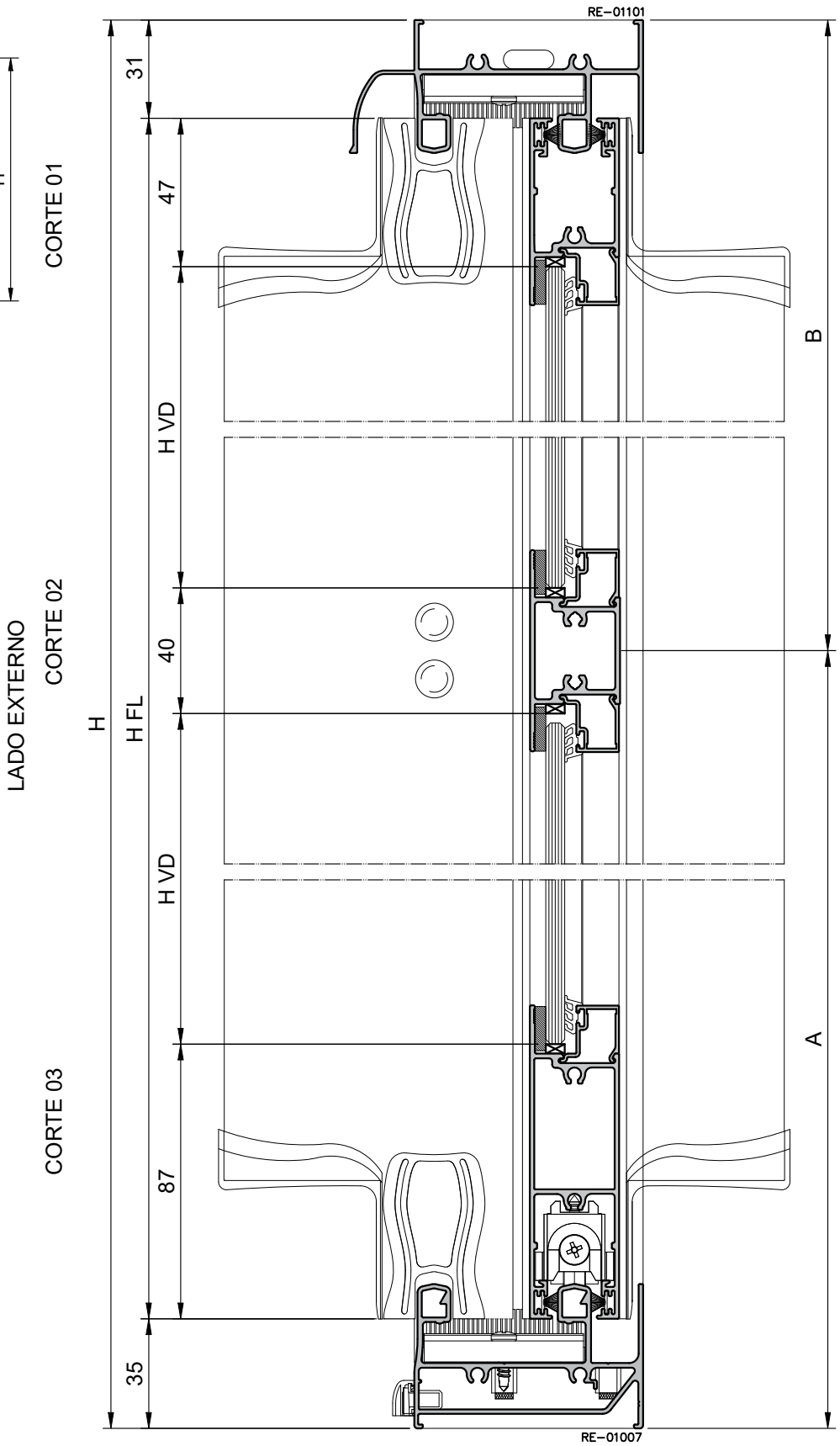


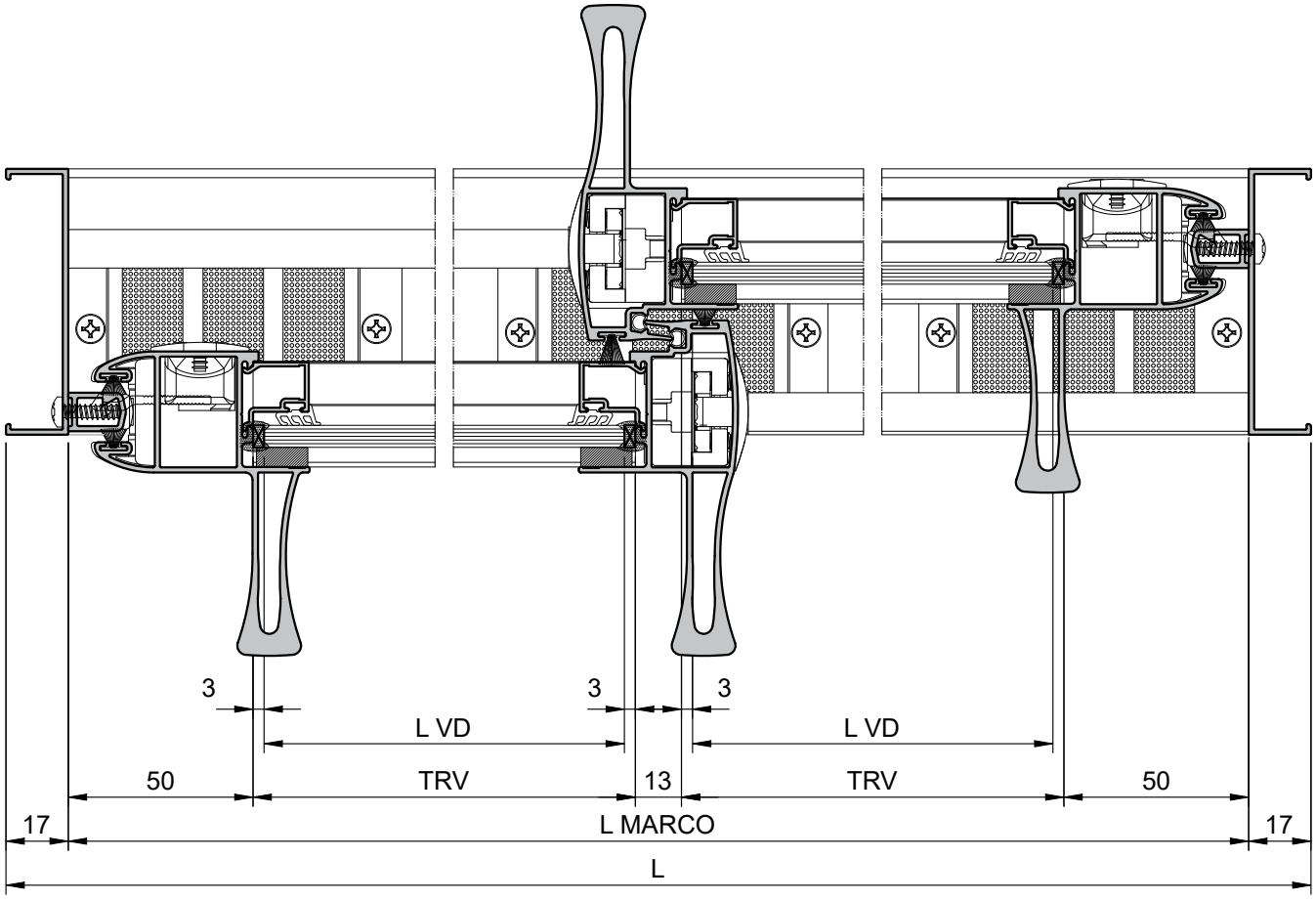
CORTE 05 CORTE 06 CORTE 07

LADO EXTERNO

PORTA DE CORRER
2 FOLHAS





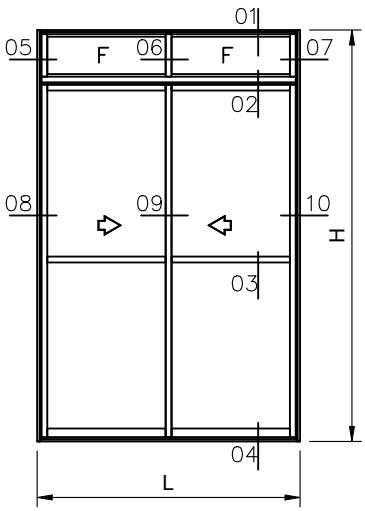


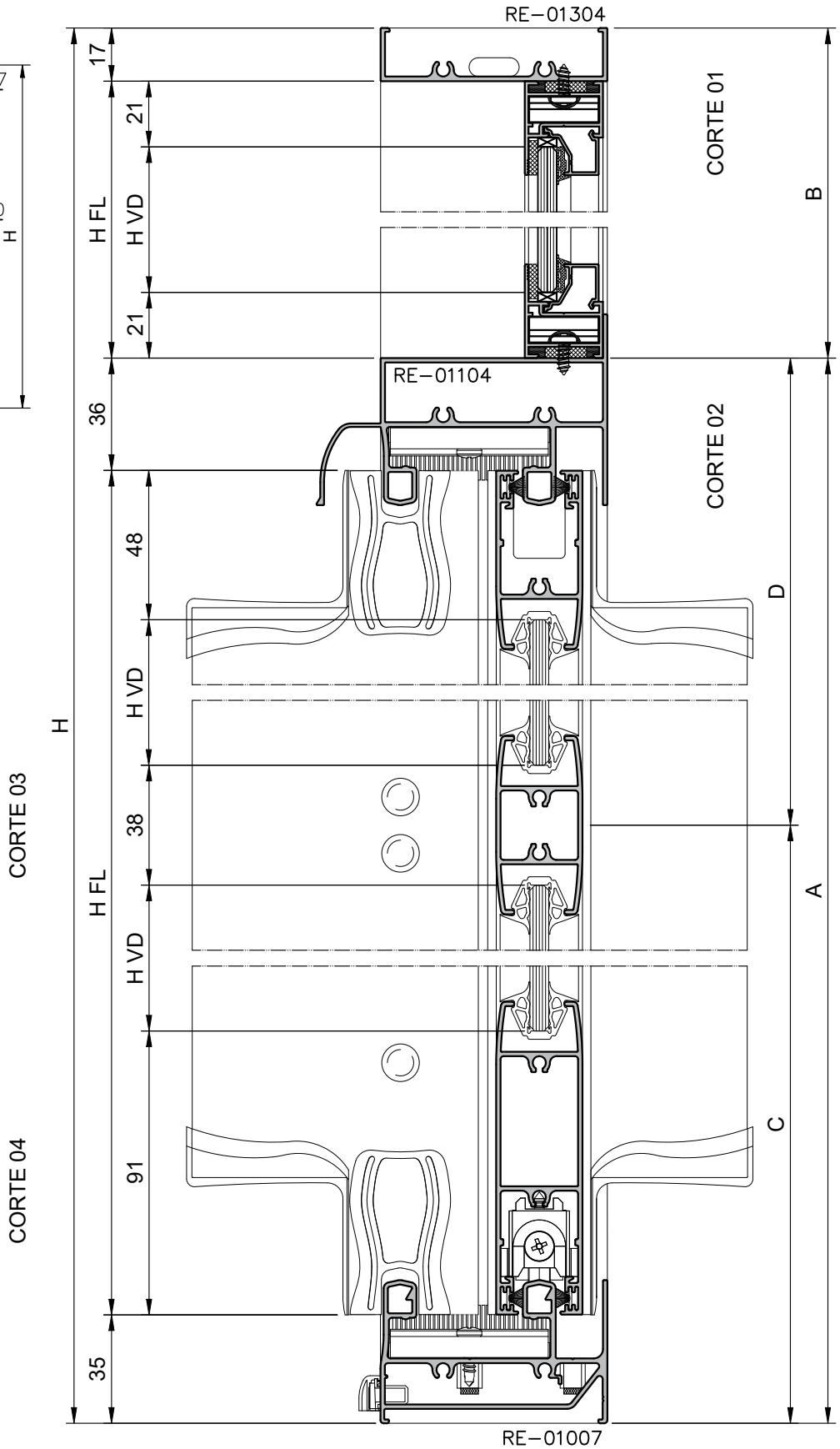
CORTE 03 CORTE 04 CORTE 05

LADO EXTERNO

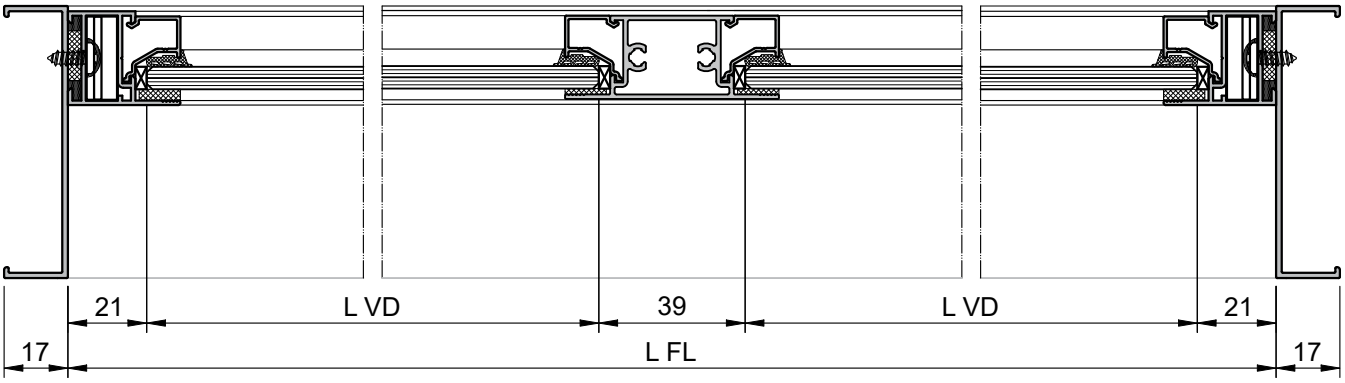
OBS.: APLICAR SILICONE ESTRUTURAL NAS ALTURAS DAS FOLHAS, DEVIDO AO ESFORÇO DE MANUSEIO.

PORTA DE CORRER
2 FOLHAS
COM BANDEIRA FIXA

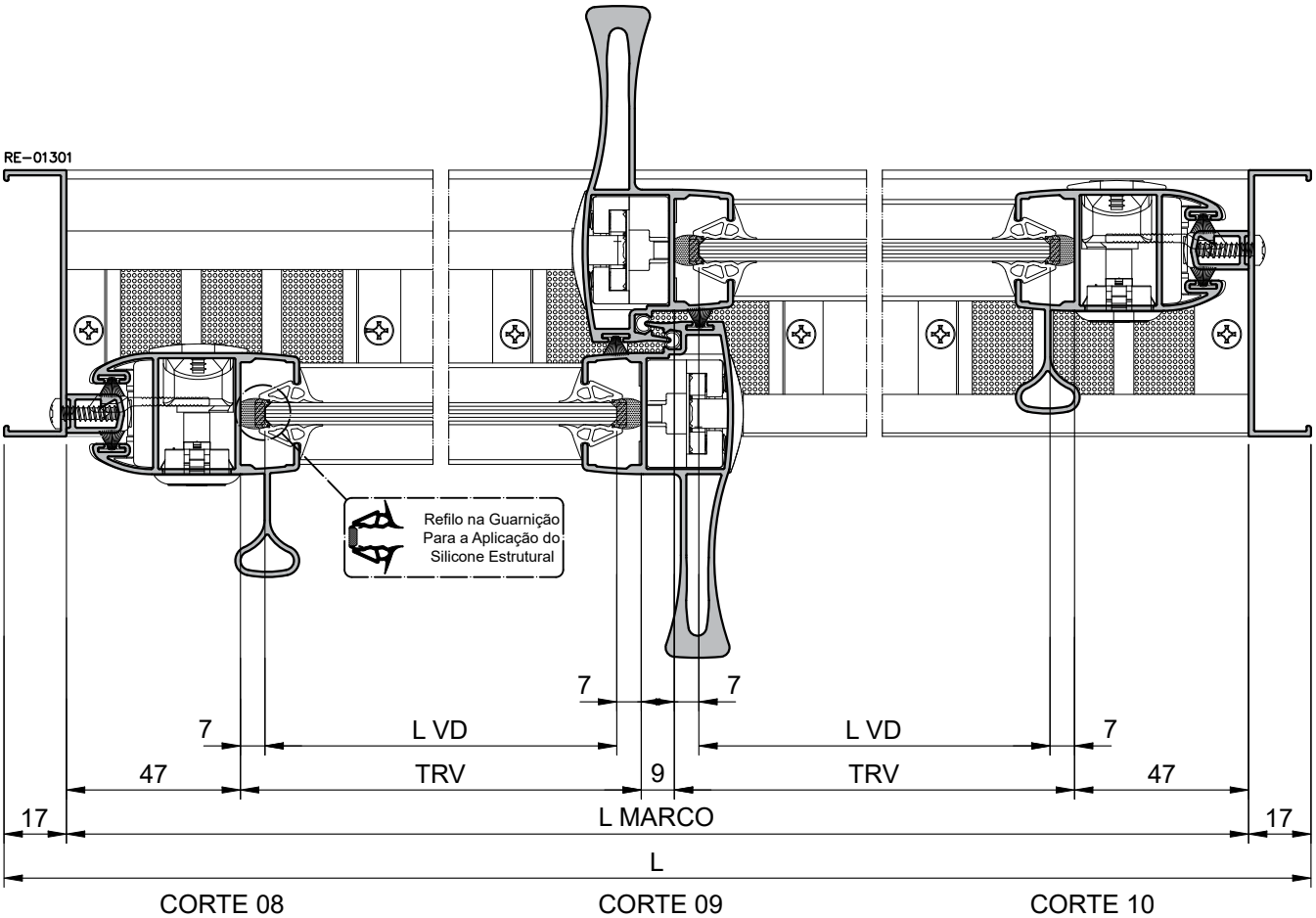




PORTA DE CORRER
2 FOLHAS
COM BANDEIRA FIXA



CORTE 05 CORTE 06 CORTE 07

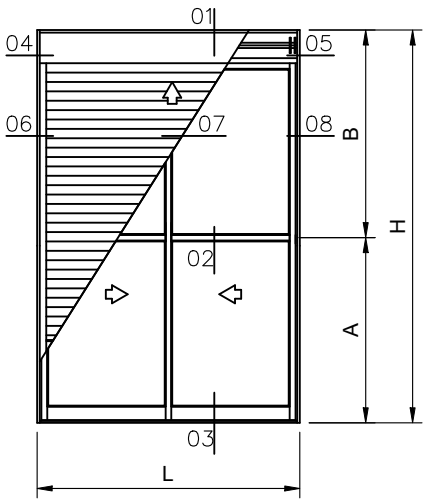


CORTE 08 CORTE 09 CORTE 10

LADO EXTERNO

OBS.: APLICAR SILICONE ESTRUTURAL NAS ALTURAS DAS FOLHAS, DEVIDO AO ESFORÇO DE MANUSEIO.

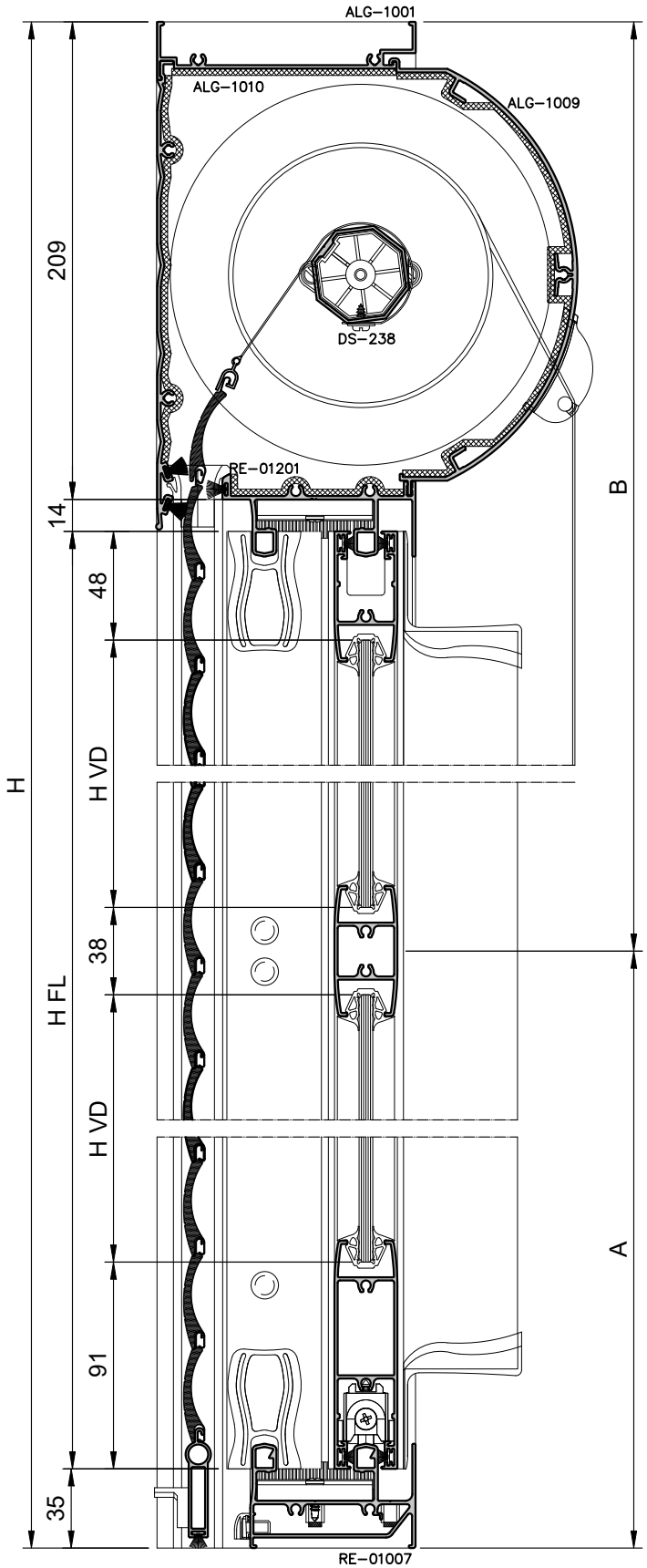
PORTA DE CORRER
2 FOLHAS
COM PERSIANA INTEGRADA



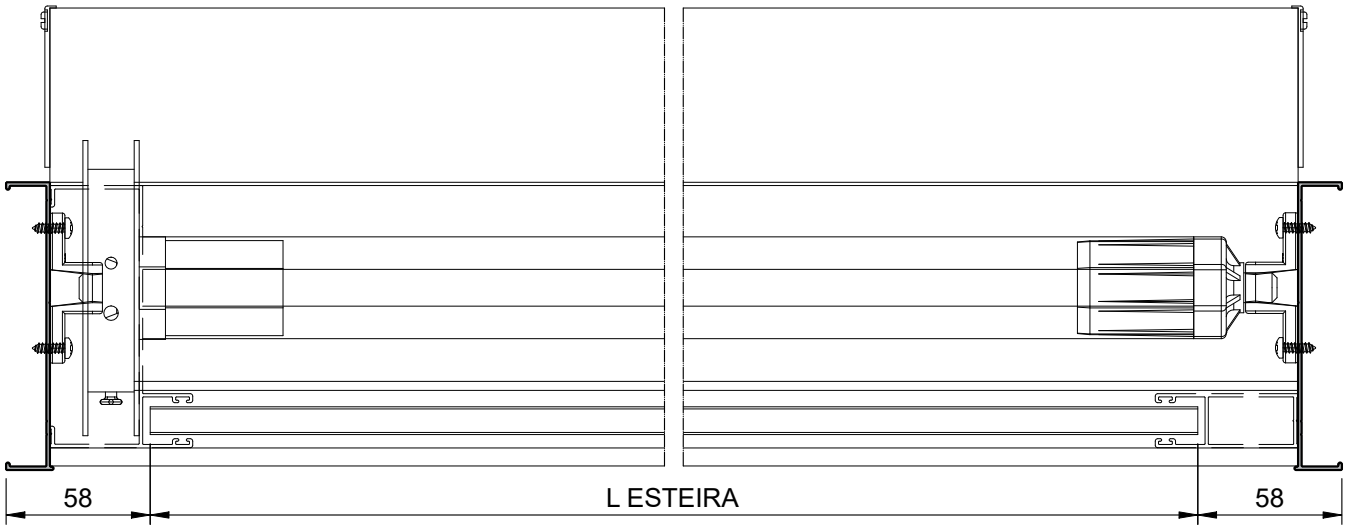
CORTE 01

LADO EXTERNO
CORTE 02

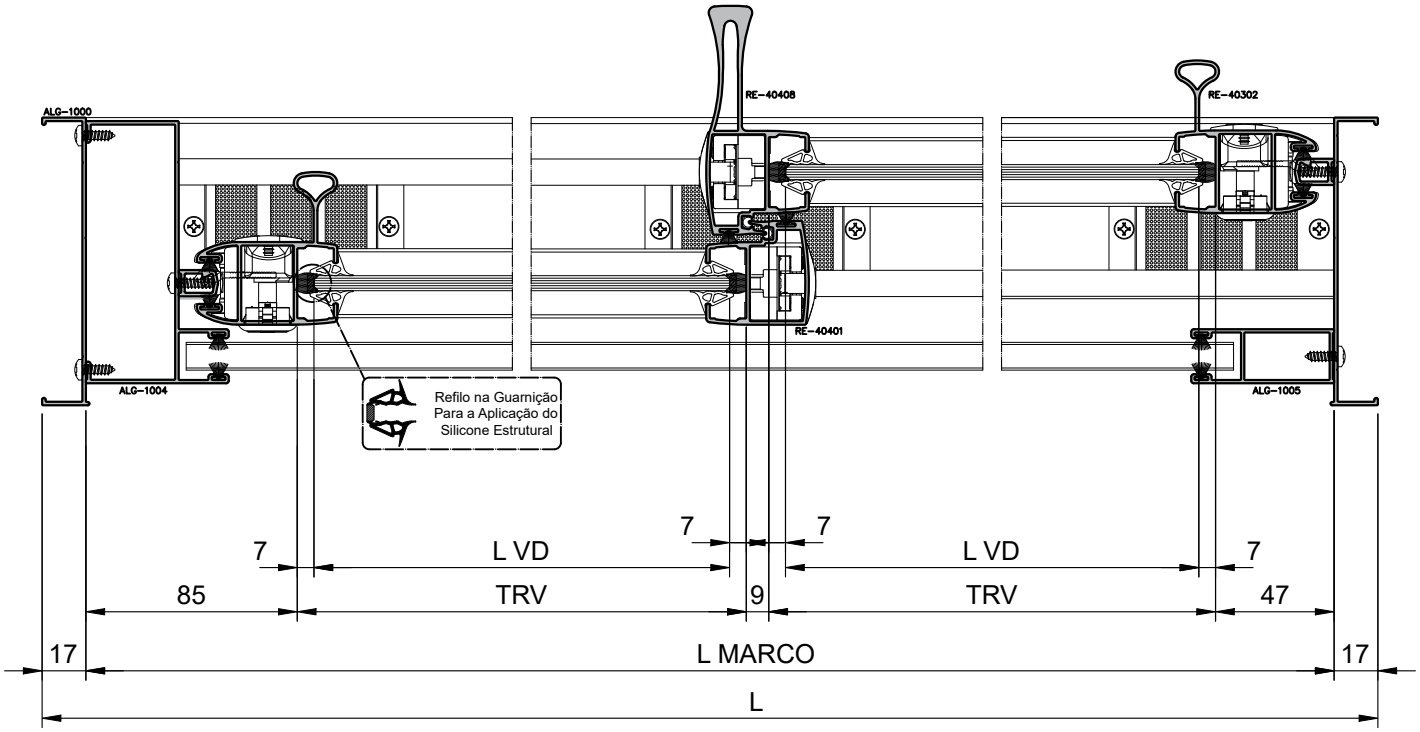
CORTE 03



PORTA DE CORRER
2 FOLHAS
COM PERSIANA INTEGRADA



CORTE 04 CORTE 05

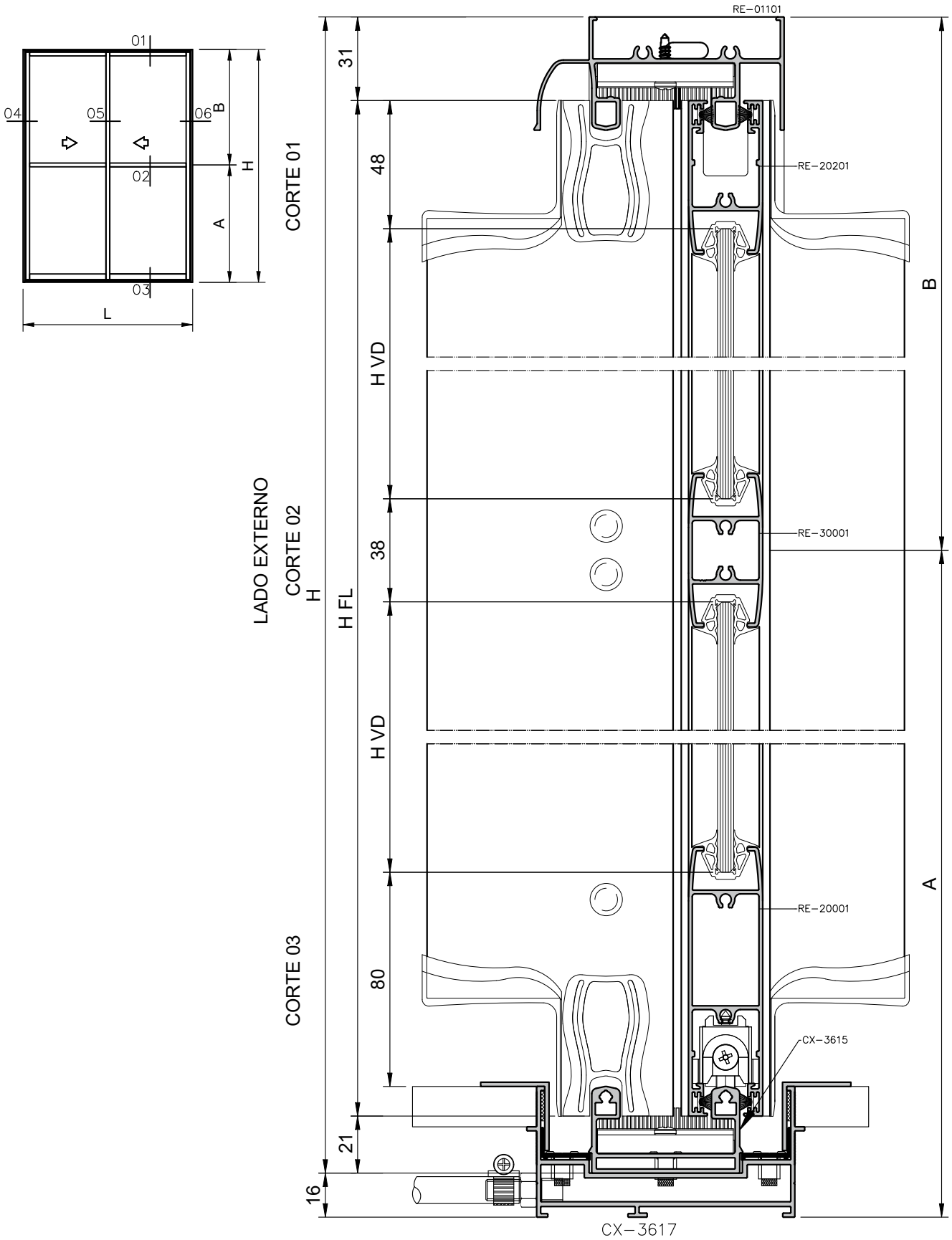


CORTE 06 CORTE 07 CORTE 08

LADO EXTERNO

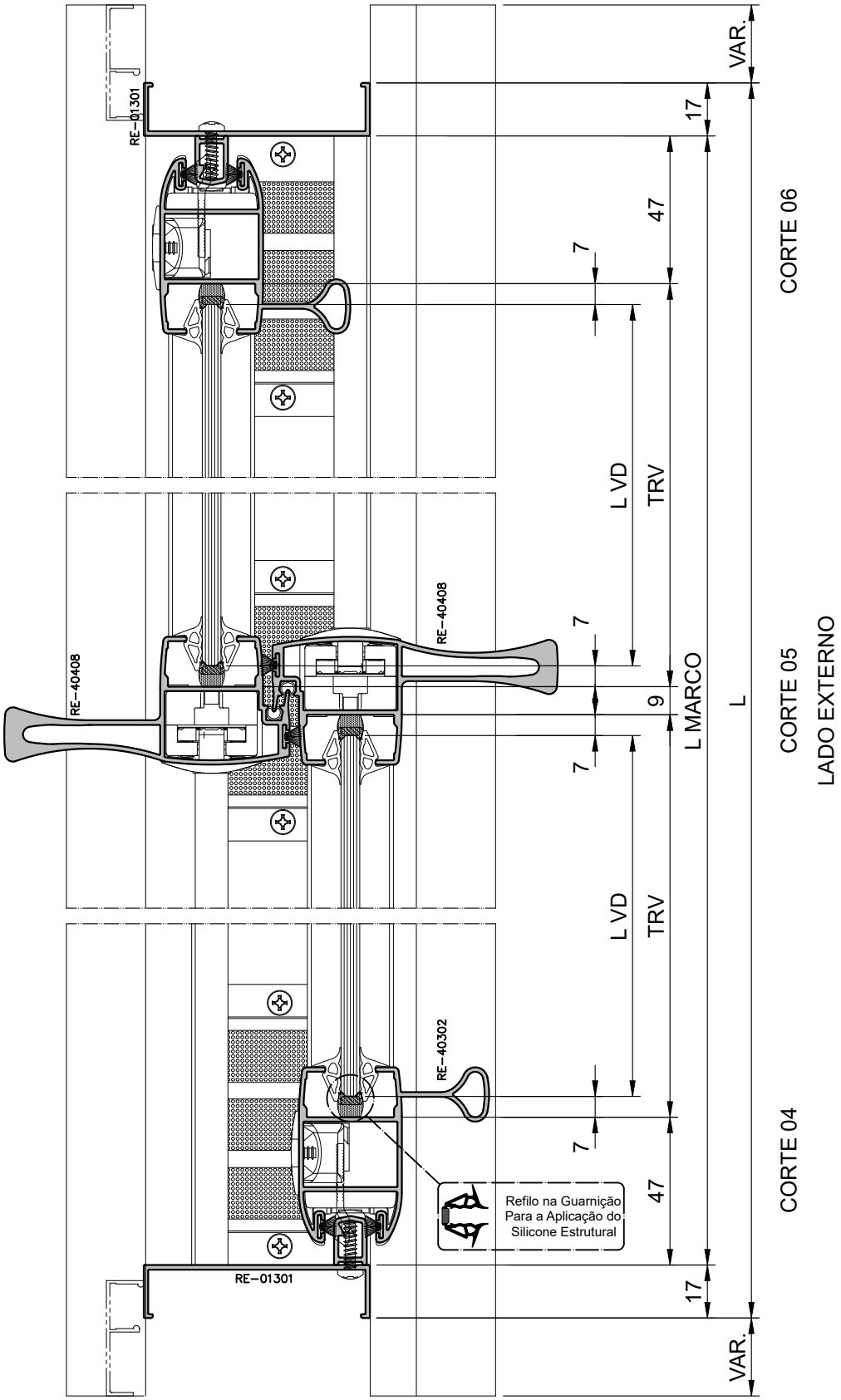
OBS.: APLICAR SILICONE ESTRUTURAL NAS ALTURAS DAS FOLHAS, DEVIDO AO ESFORÇO DE MANUSEIO.

PORTA DE CORRER
2 FOLHAS
COM TRILHO EMBUTIDO



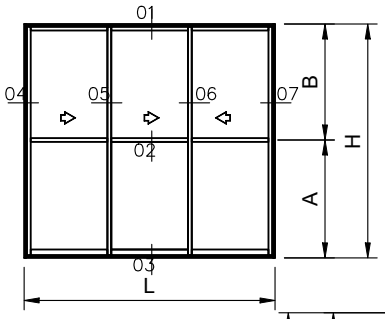
PORTA DE CORRER
2 FOLHAS

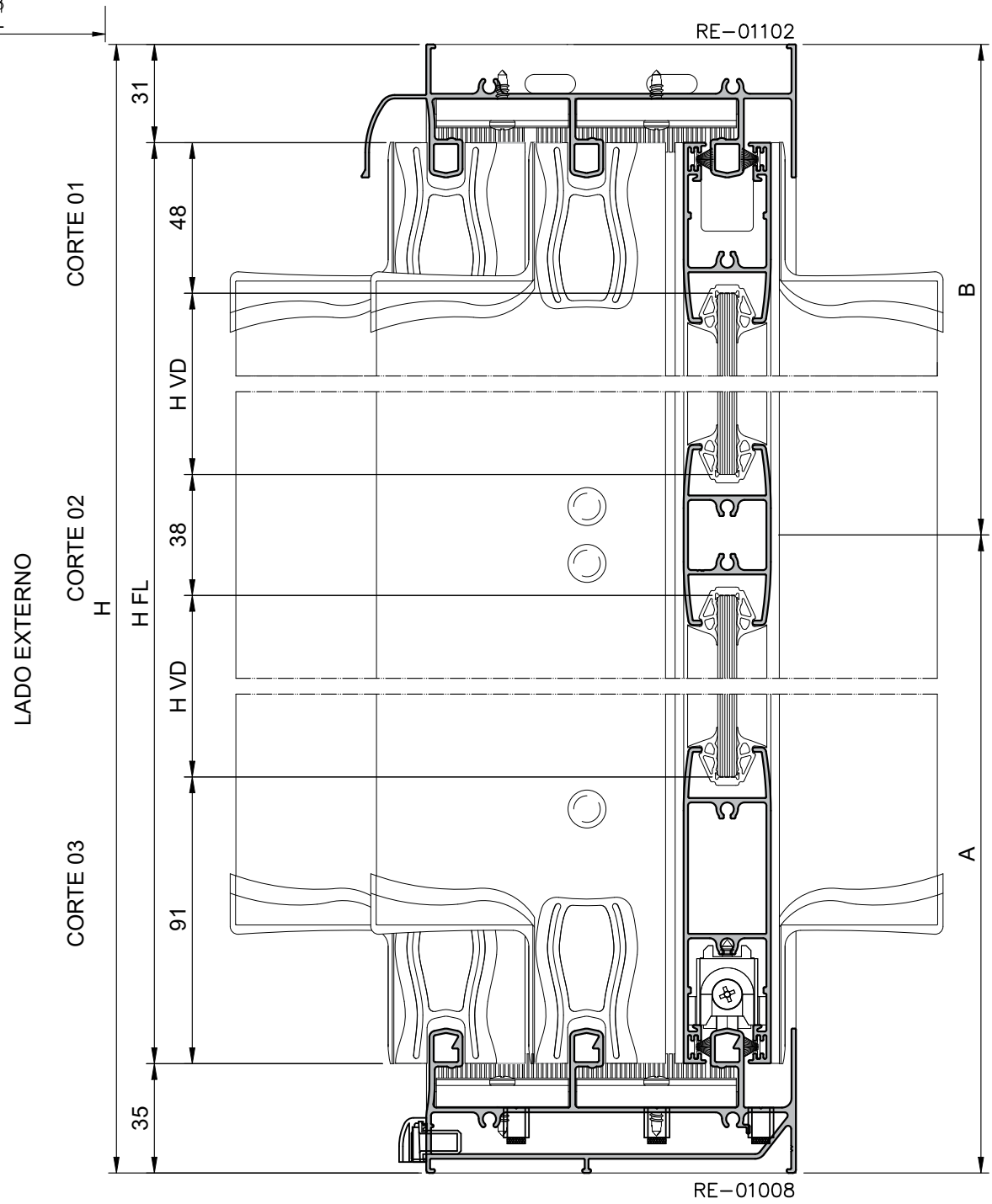
COM TRILHO EMBUTIDO

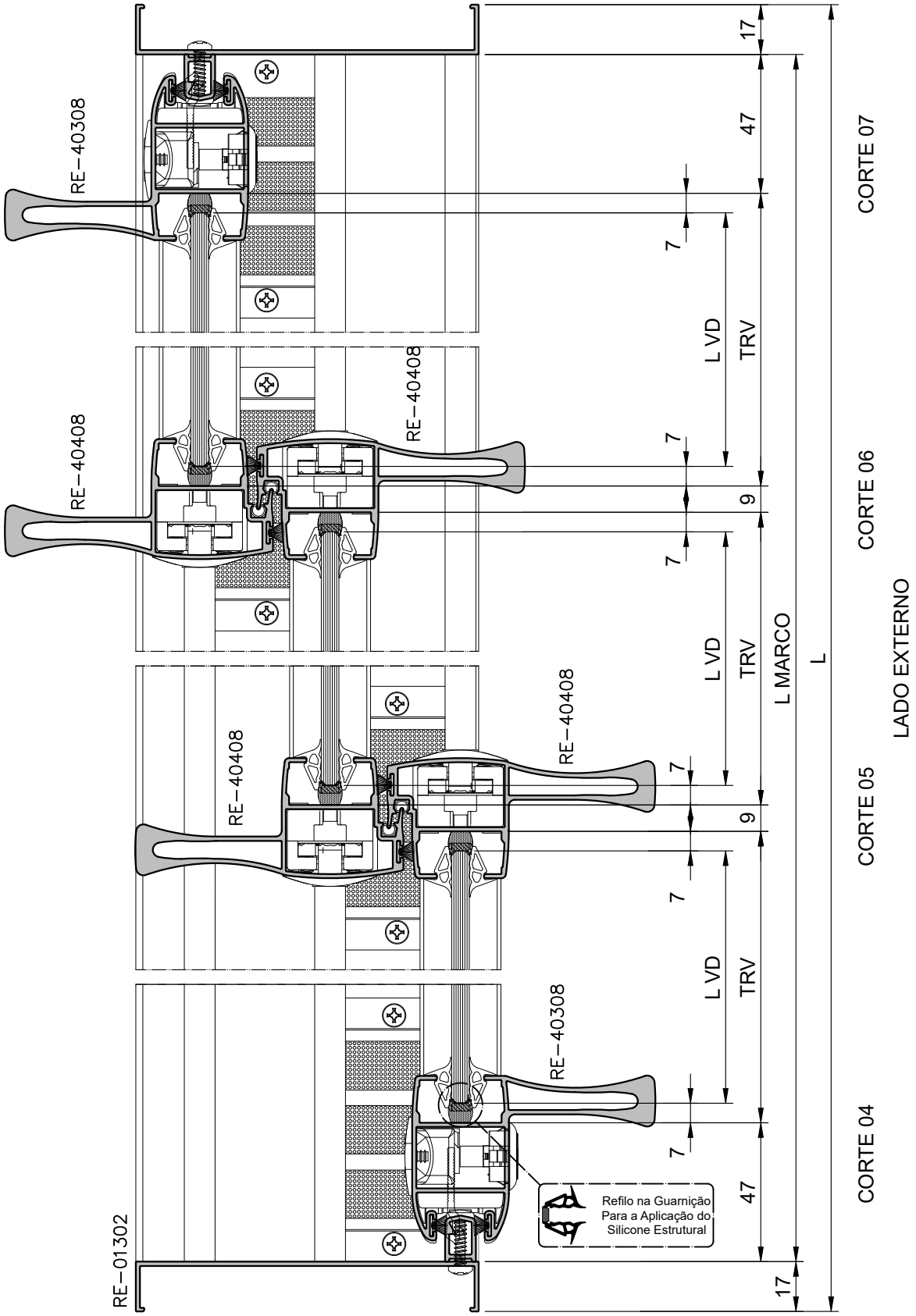


OBS.: APLICAR SILICONE ESTRUTURAL NAS ALTURAS DAS FOLHAS, DEVIDO AO ESFORÇO DE MANUSEIO.

PORTA DE CORRER
3 FOLHAS (3 PLANOS)

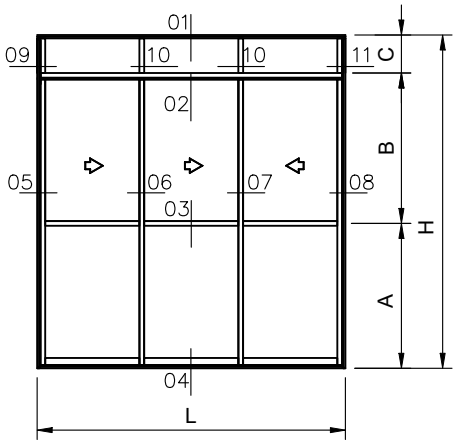


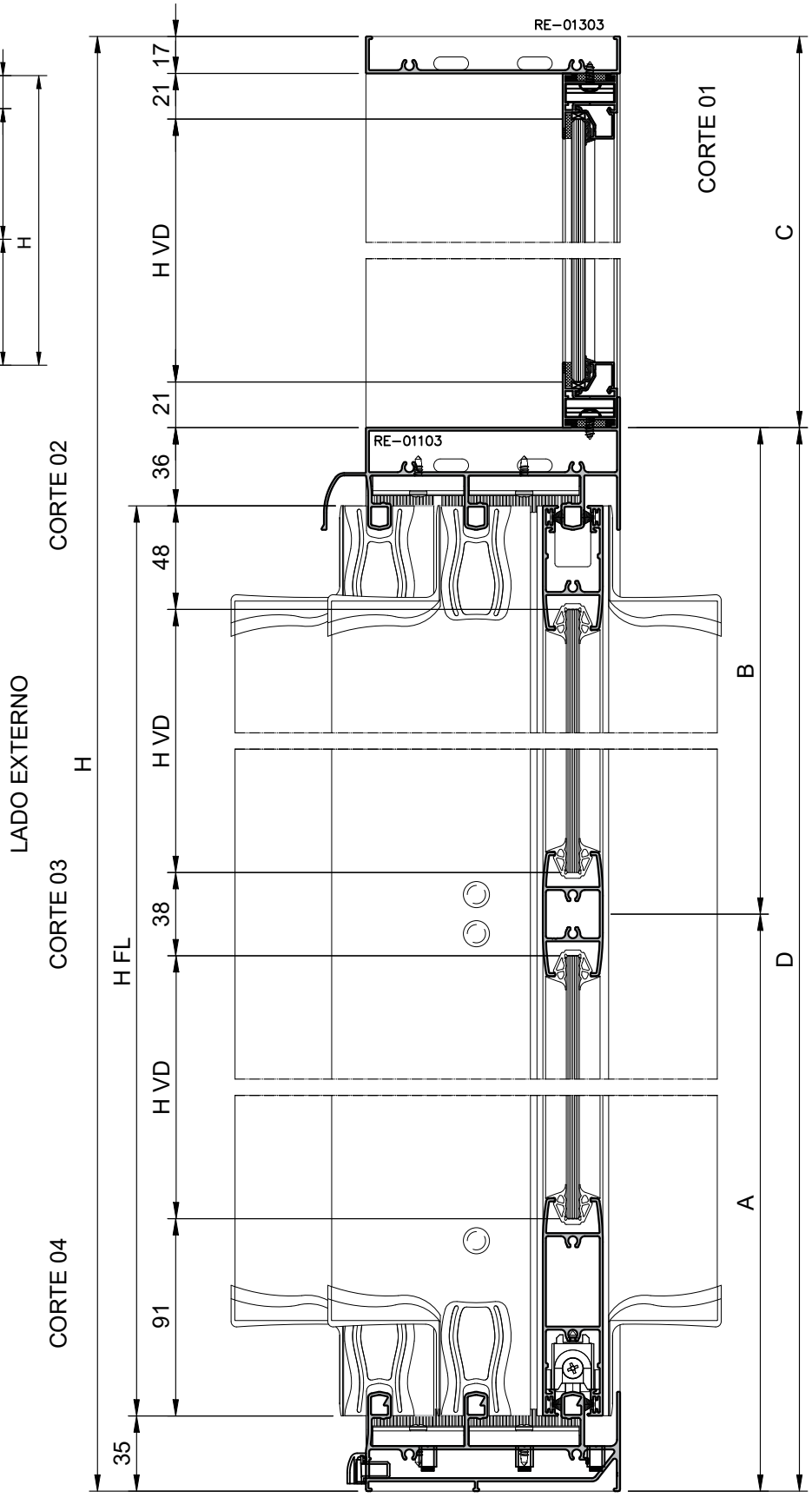




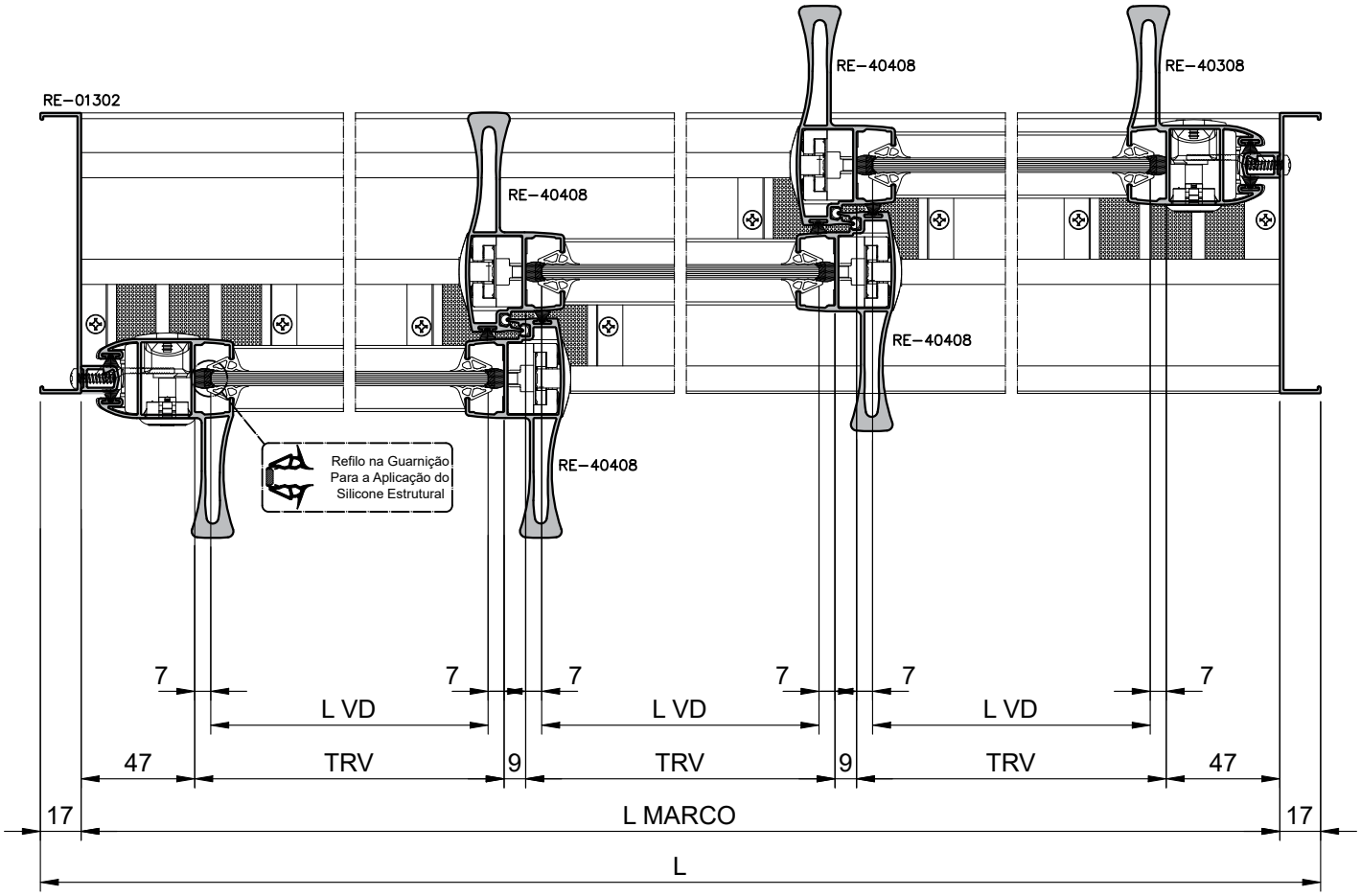
OBS.: APLICAR SILICONE ESTRUTURAL NAS ALTURAS DAS FOLHAS, DEVIDO AO ESFORÇO DE MANUSEIO.

PORTA DE CORRER
3 FOLHAS (3 PLANOS)
COM BANDEIRA FIXA

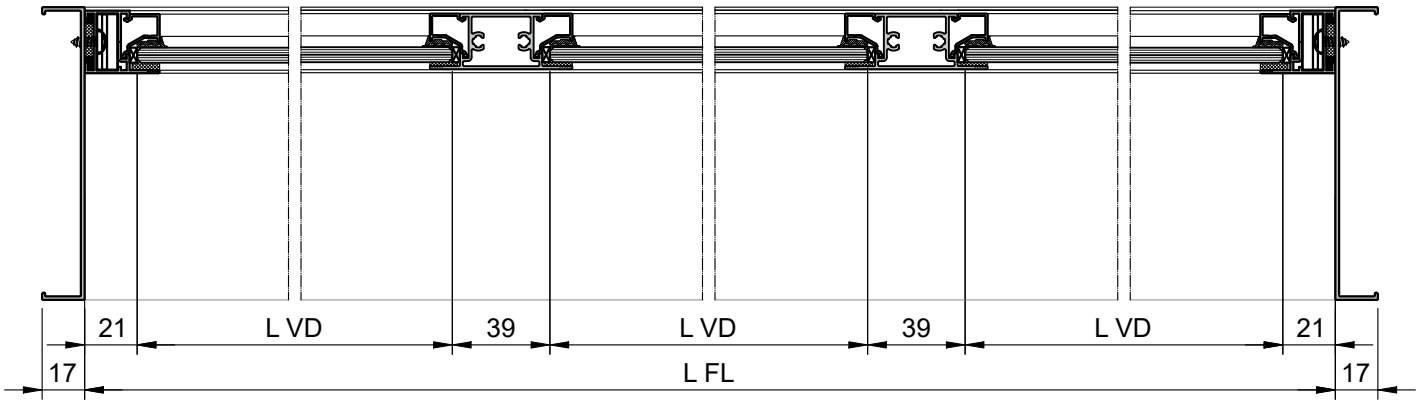




PORTA DE CORRER
3 FOLHAS (3 PLANOS)
COM BANDEIRA FIXA



CORTE 05 CORTE 06 CORTE 07 CORTE 08

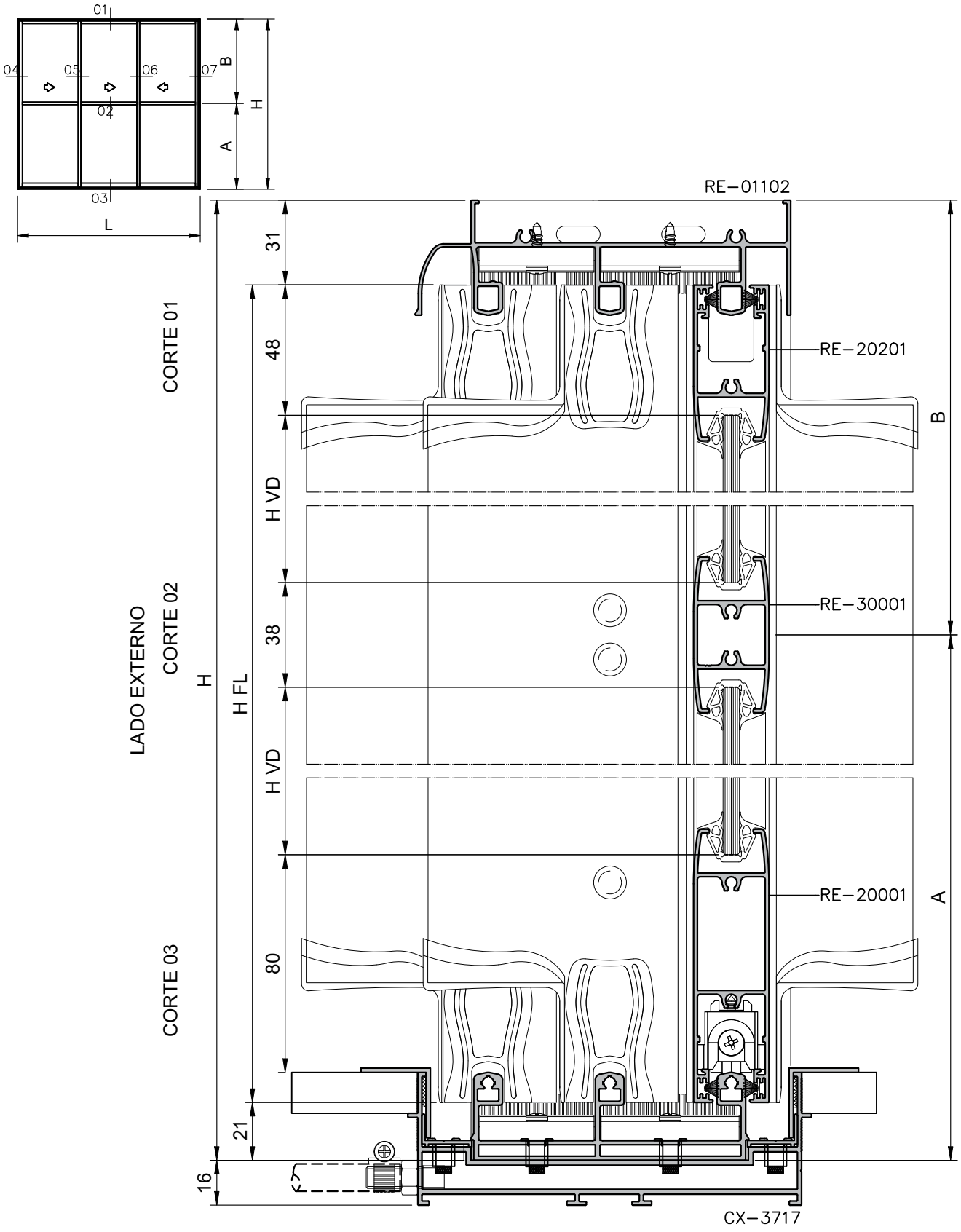


CORTE 09 CORTE 10 CORTE 10 CORTE 11

LADO EXTERNO

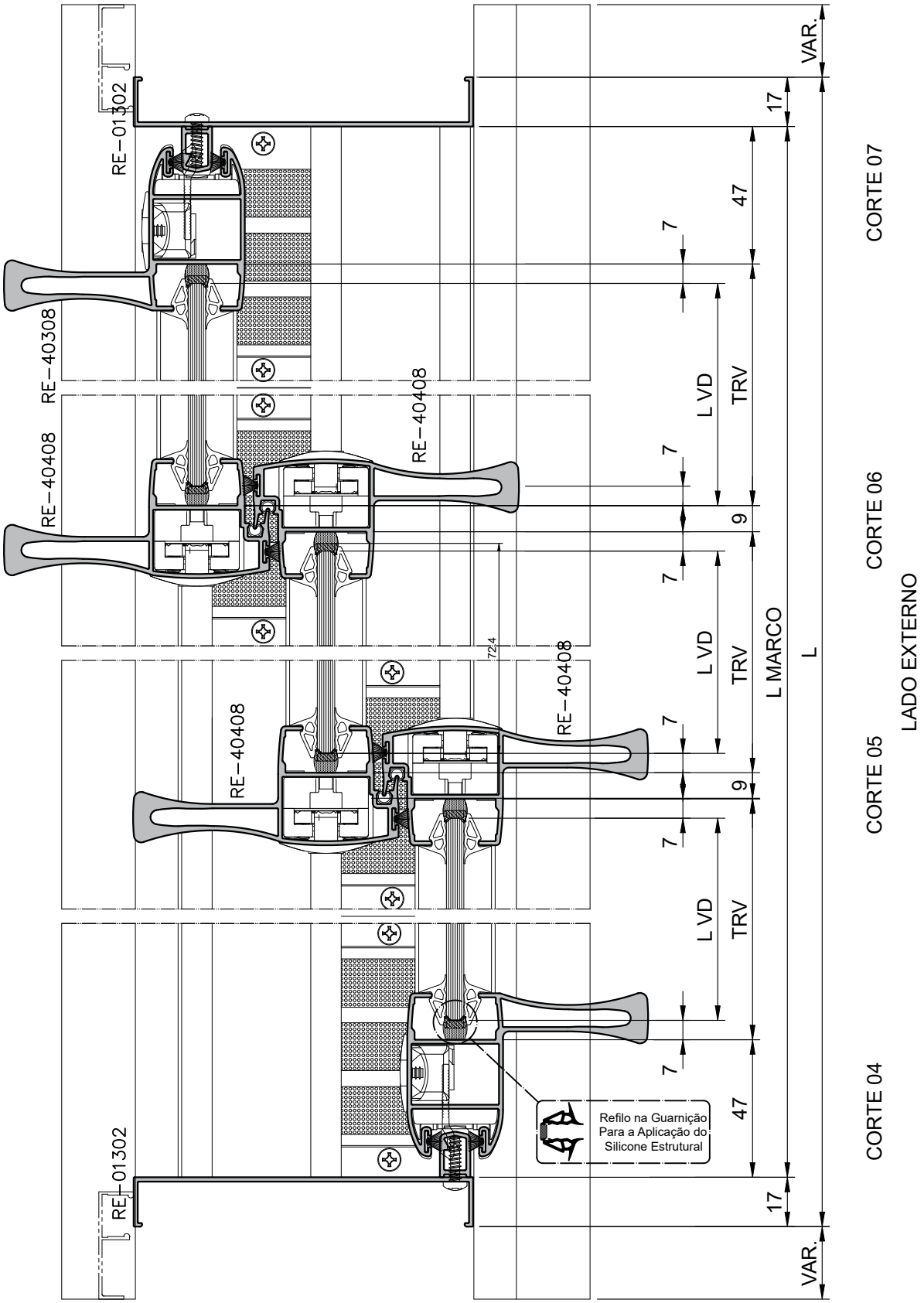
OBS.: APLICAR SILICONE ESTRUTURAL NAS ALTURAS DAS FOLHAS, DEVIDO AO ESFORÇO DE MANUSEIO.

PORTA DE CORRER
3 FOLHAS
COM TRILHO EMBUTIDO



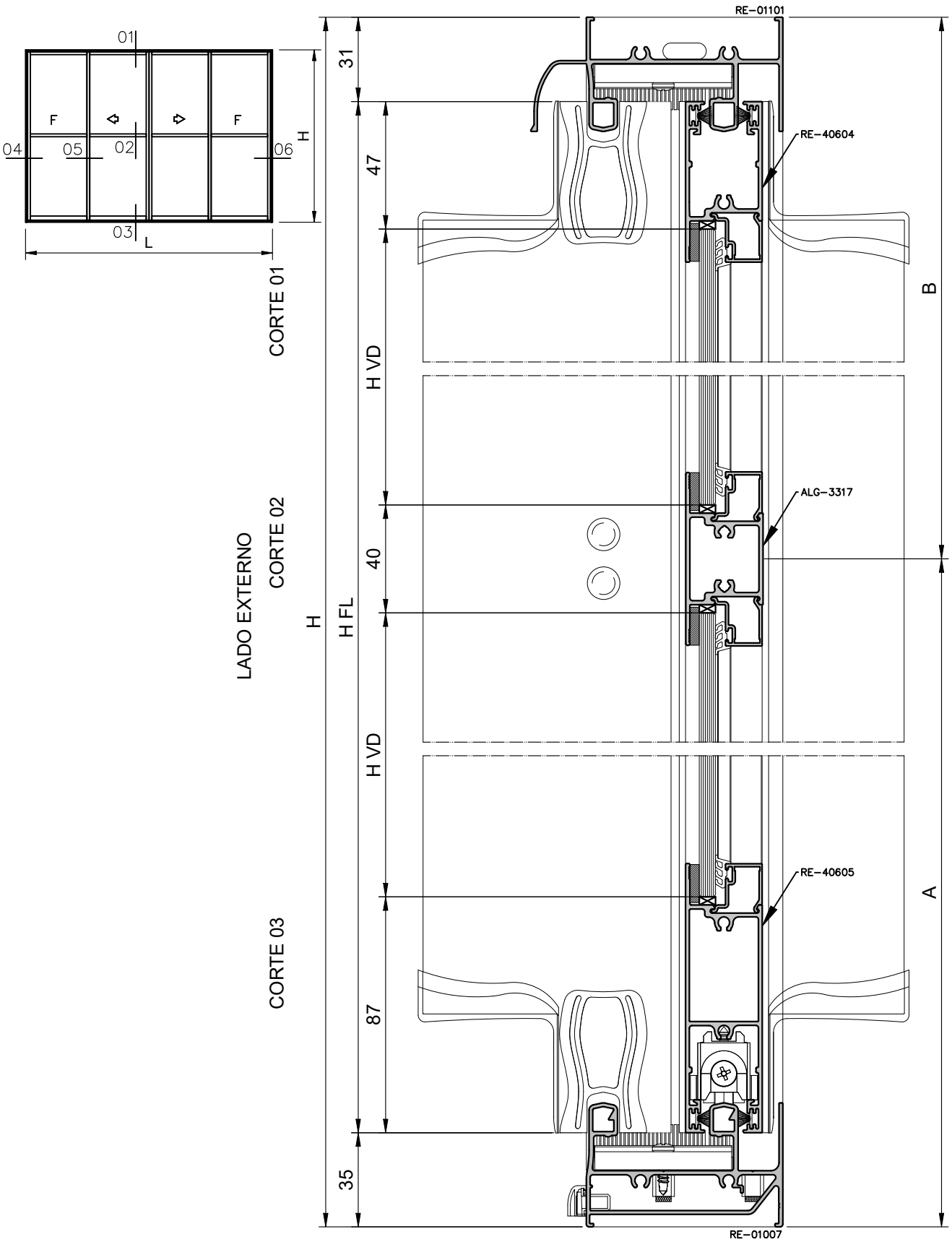
PORTA DE CORRER
3 FOLHAS

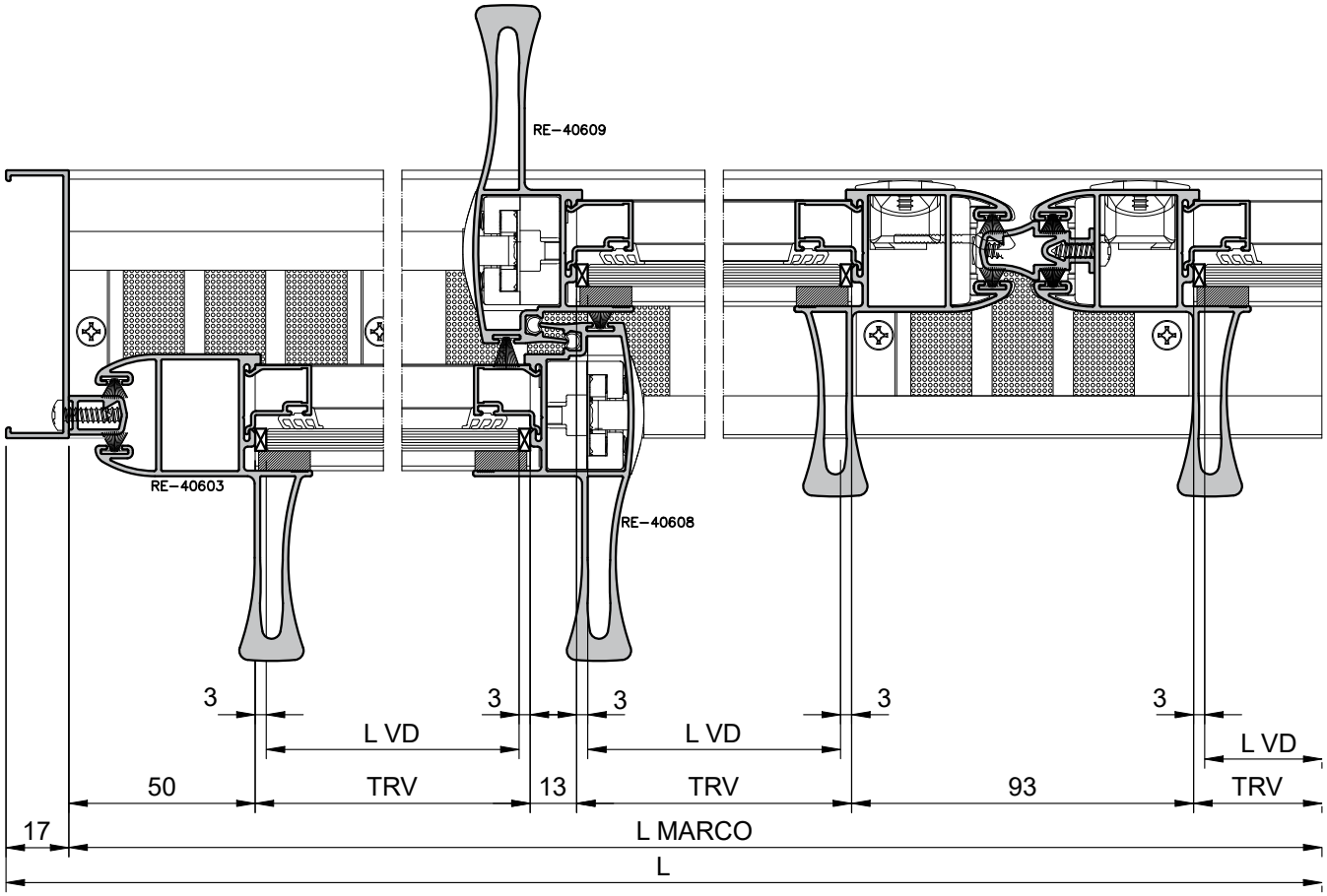
COM TRILHO EMBUTIDO



OBS.: APLICAR SILICONE ESTRUTURAL NAS ALTURAS DAS FOLHAS, DEVIDO AO ESFORÇO DE MANUSEIO.

PORTA DE CORRER
4 FOLHAS



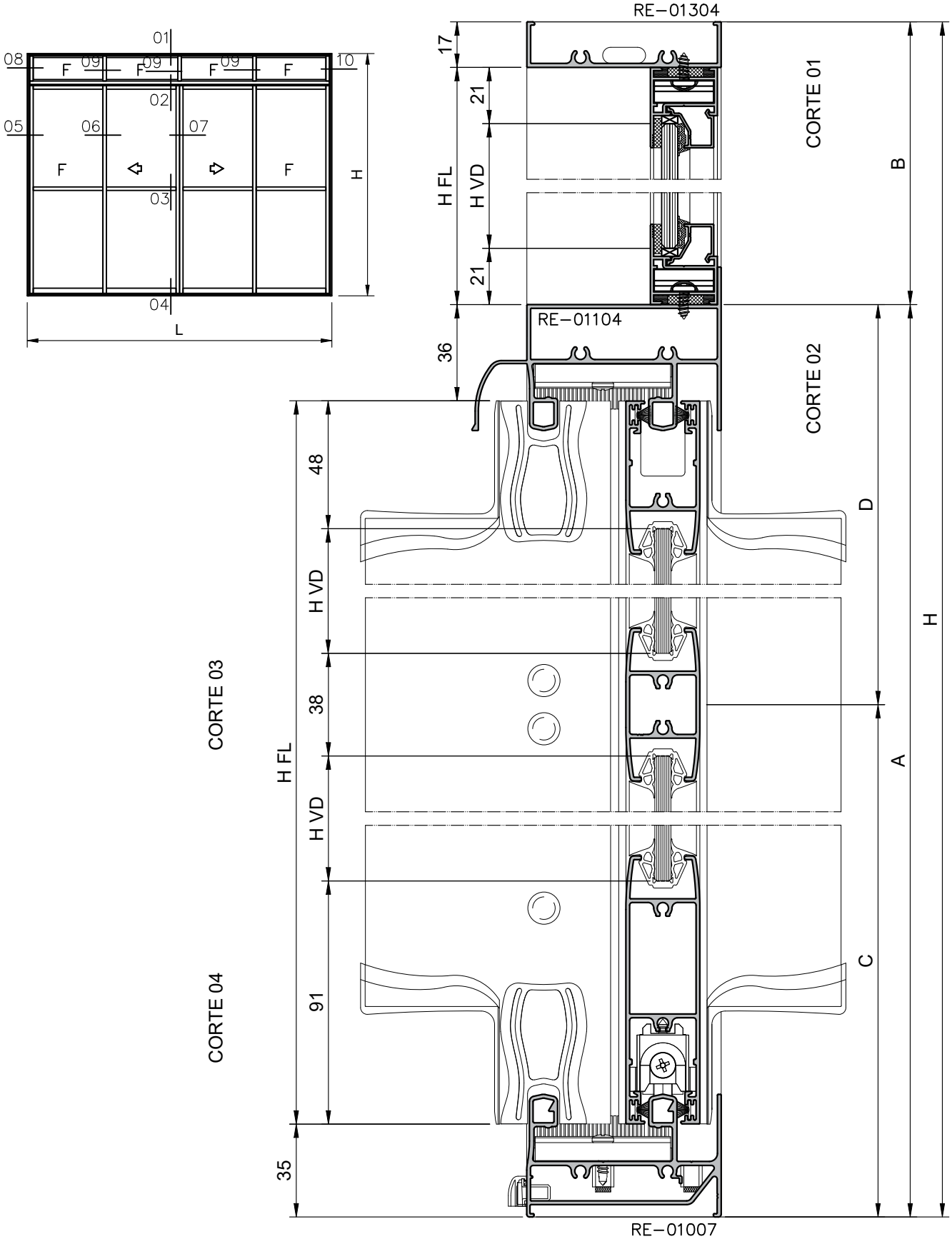


CORTE 04 CORTE 05 CORTE 06

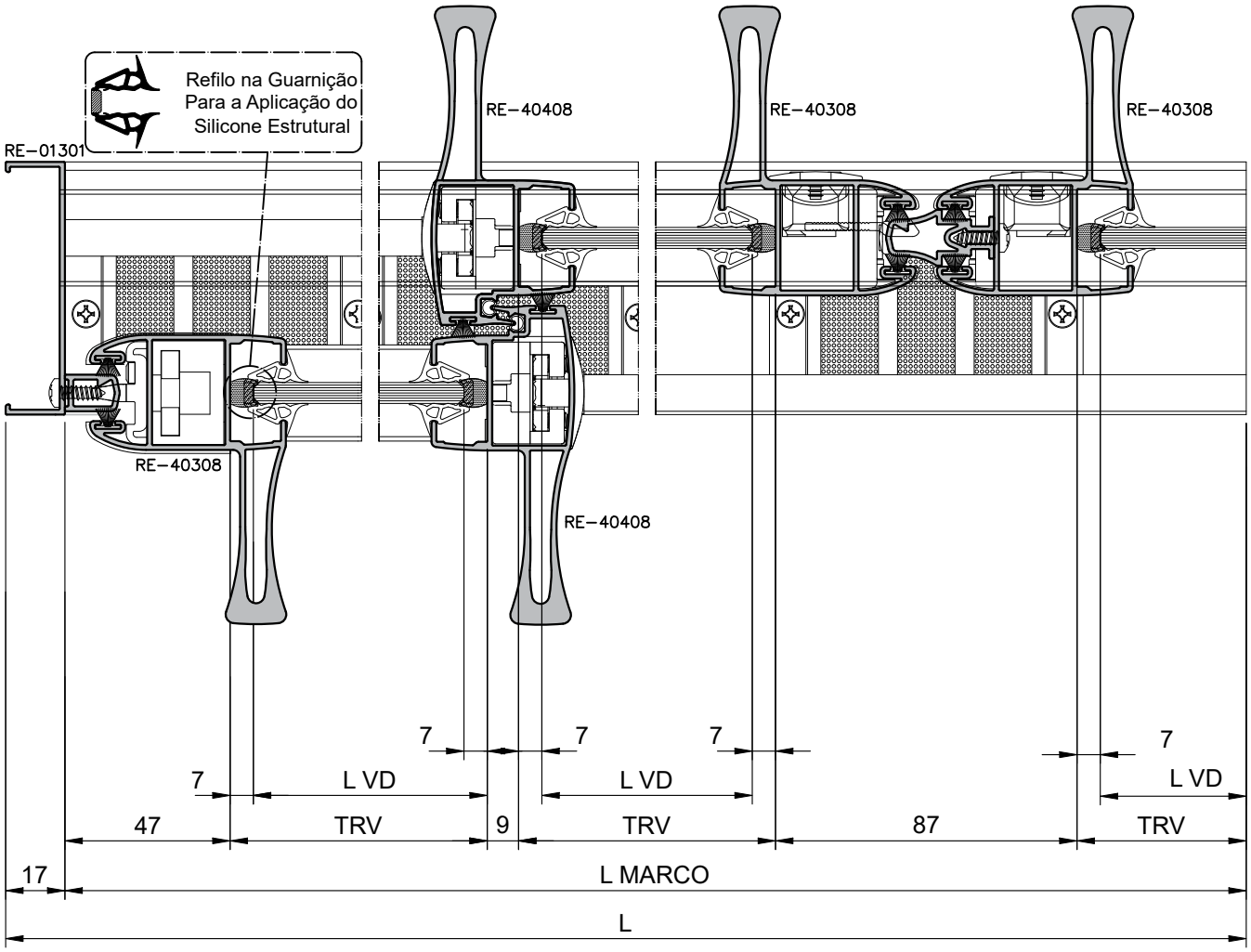
LADO EXTERNO

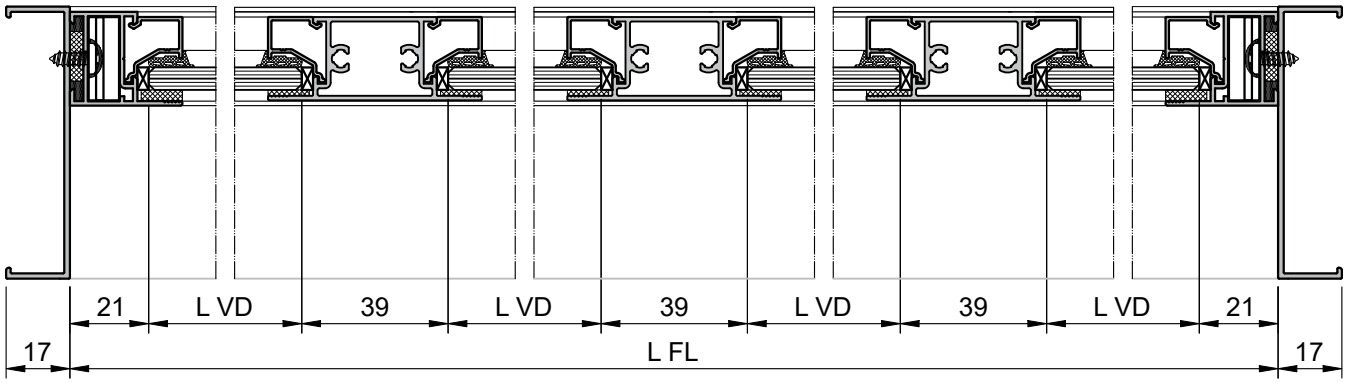
PORTA DE CORRER
4 FOLHAS

COM BANDEIRA FIXA



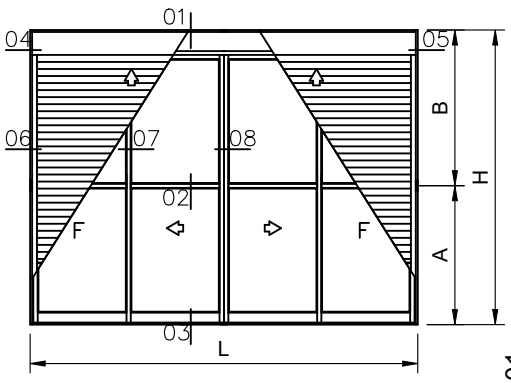
PORTA DE CORRER
4 FOLHAS
COM BANDEIRA FIXA

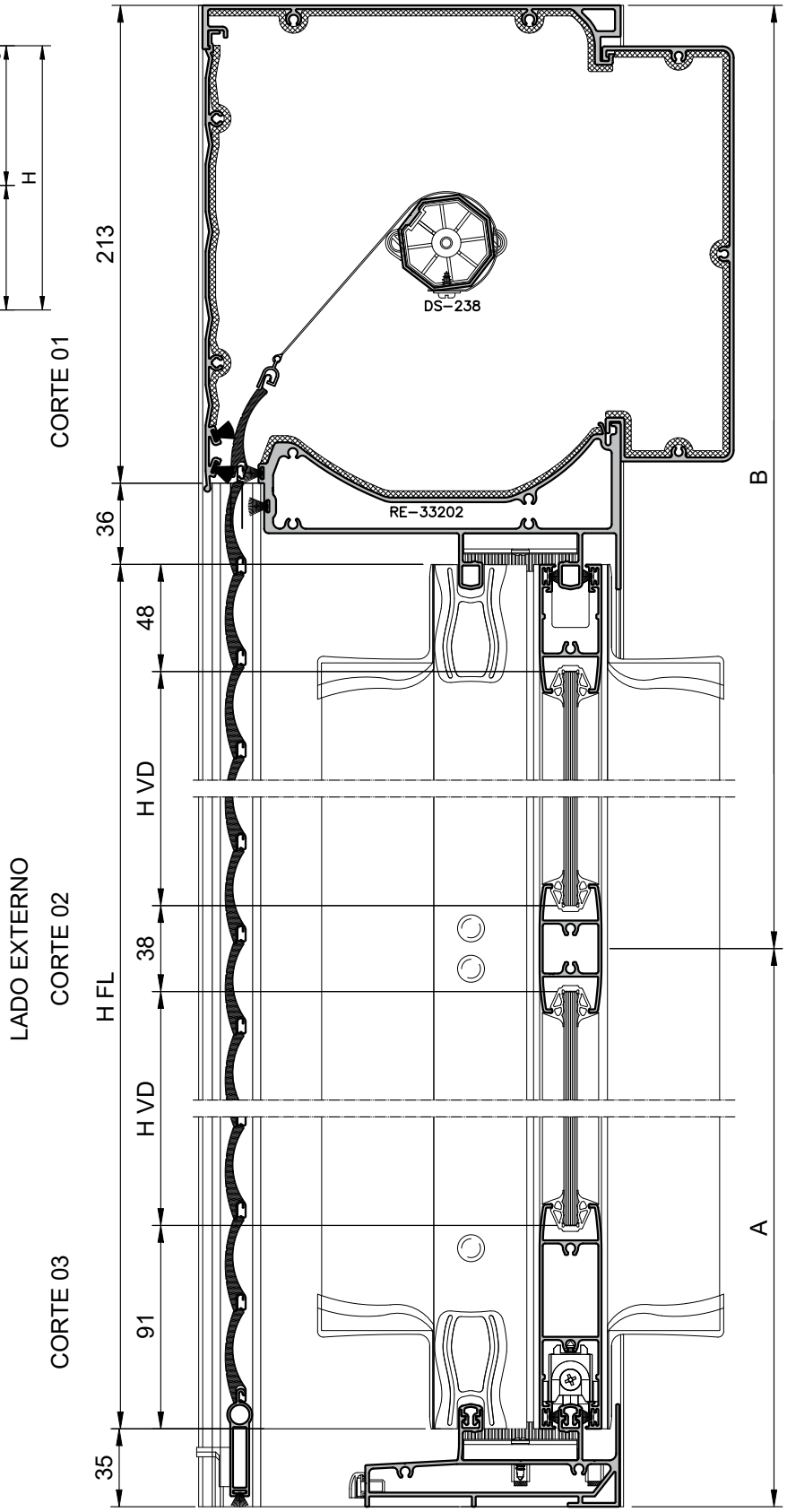




OBS.: APLICAR SILICONE ESTRUTURAL NAS ALTURAS DAS FOLHAS, DEVIDO AO ESFORÇO DE MANUSEIO.

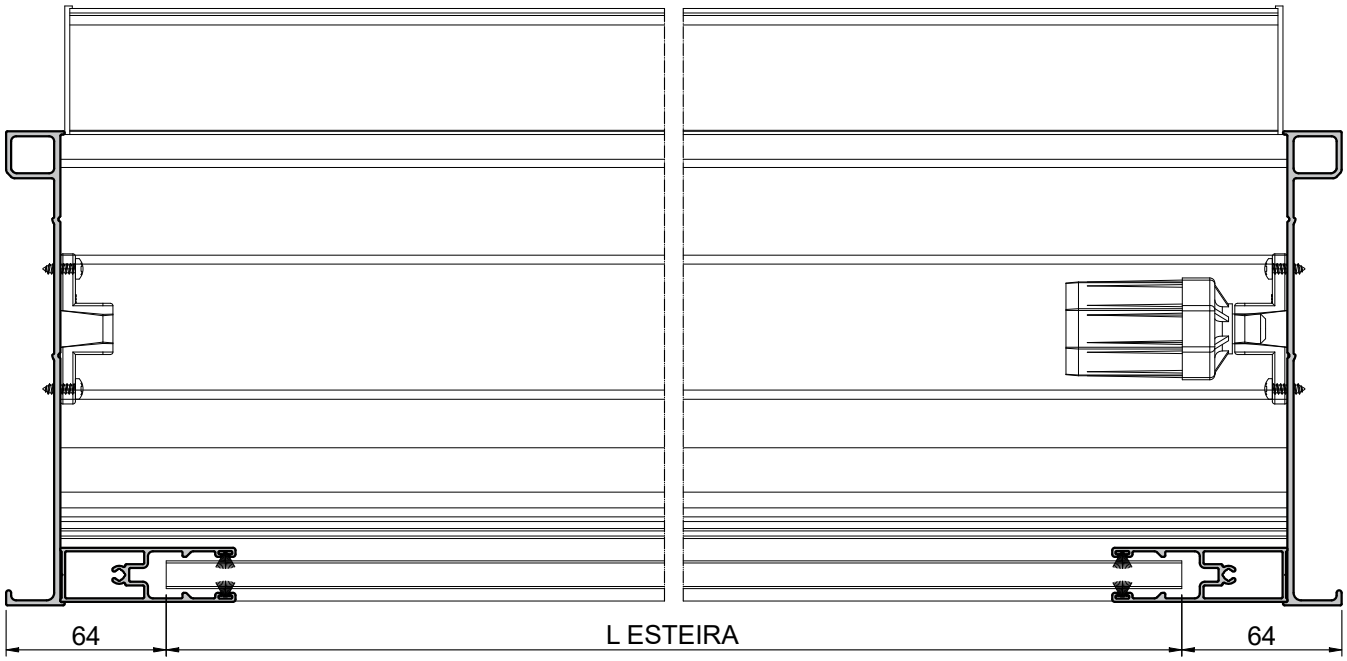
PORTA DE CORRER
4 FOLHAS
COM PERSIANA INTEGRADA



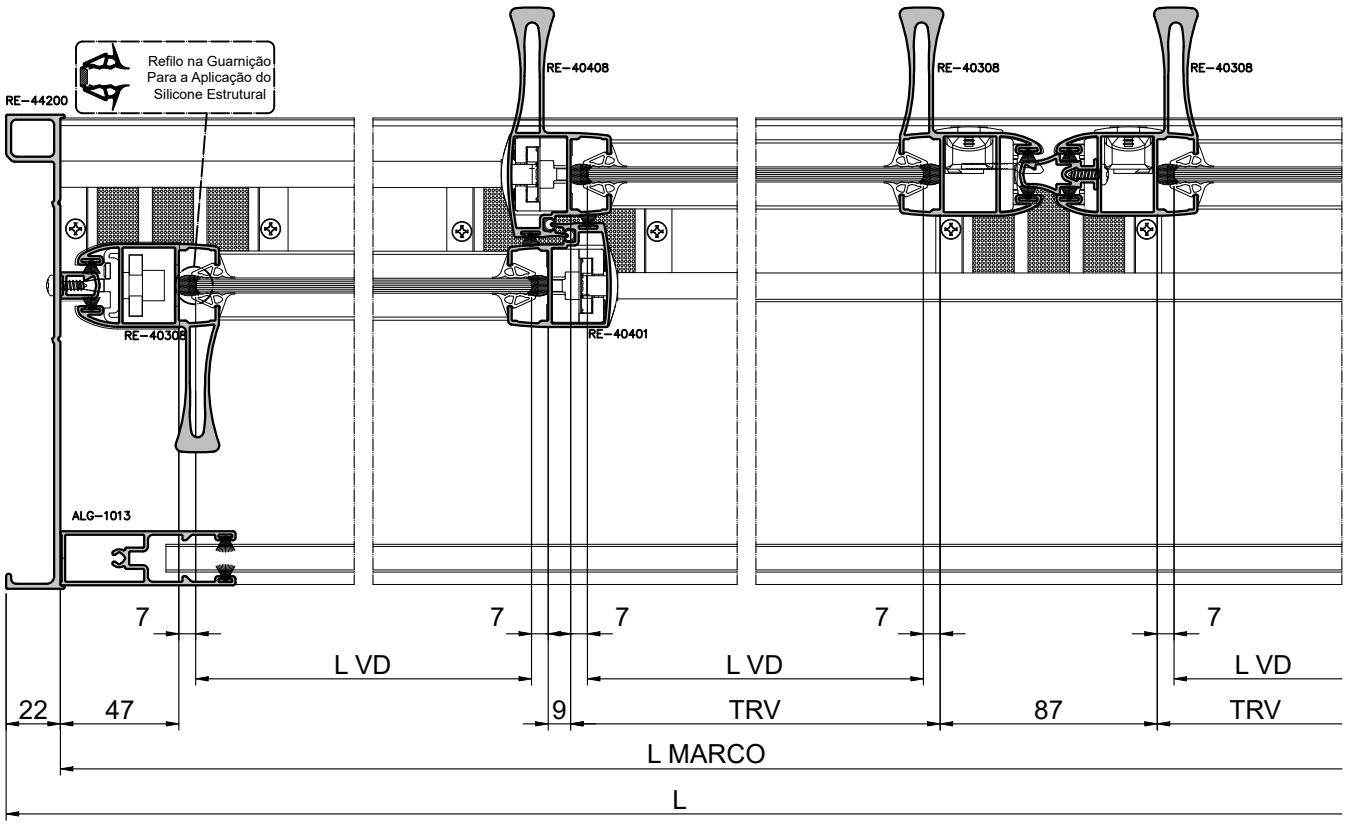


PORTA DE CORRER
4 FOLHAS

COM PERSIANA INTEGRADA



CORTE 04 CORTE 05

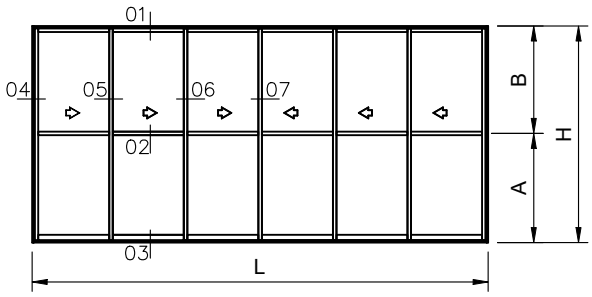


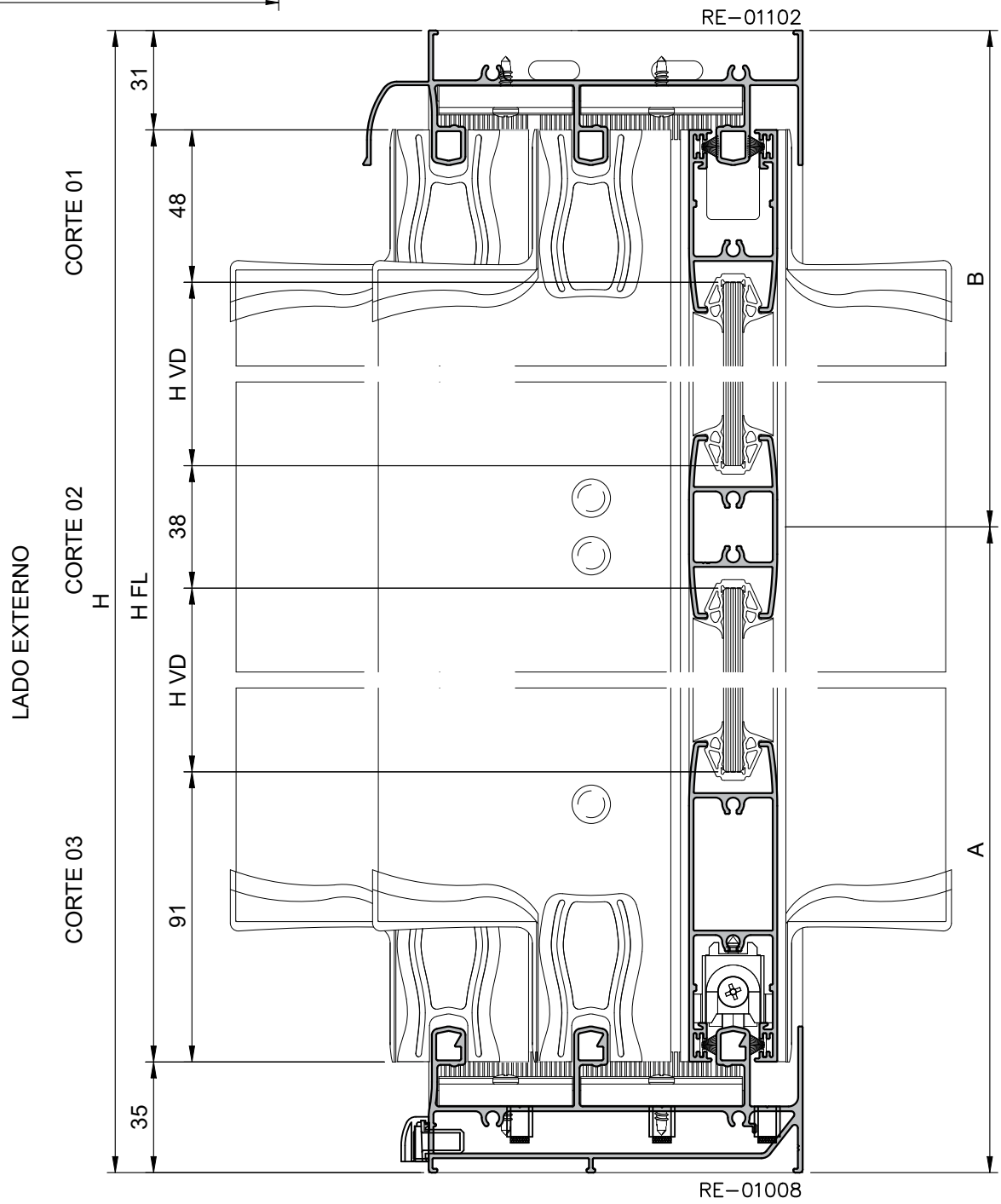
CORTE 06 CORTE 07 CORTE 08

LADO EXTERNO

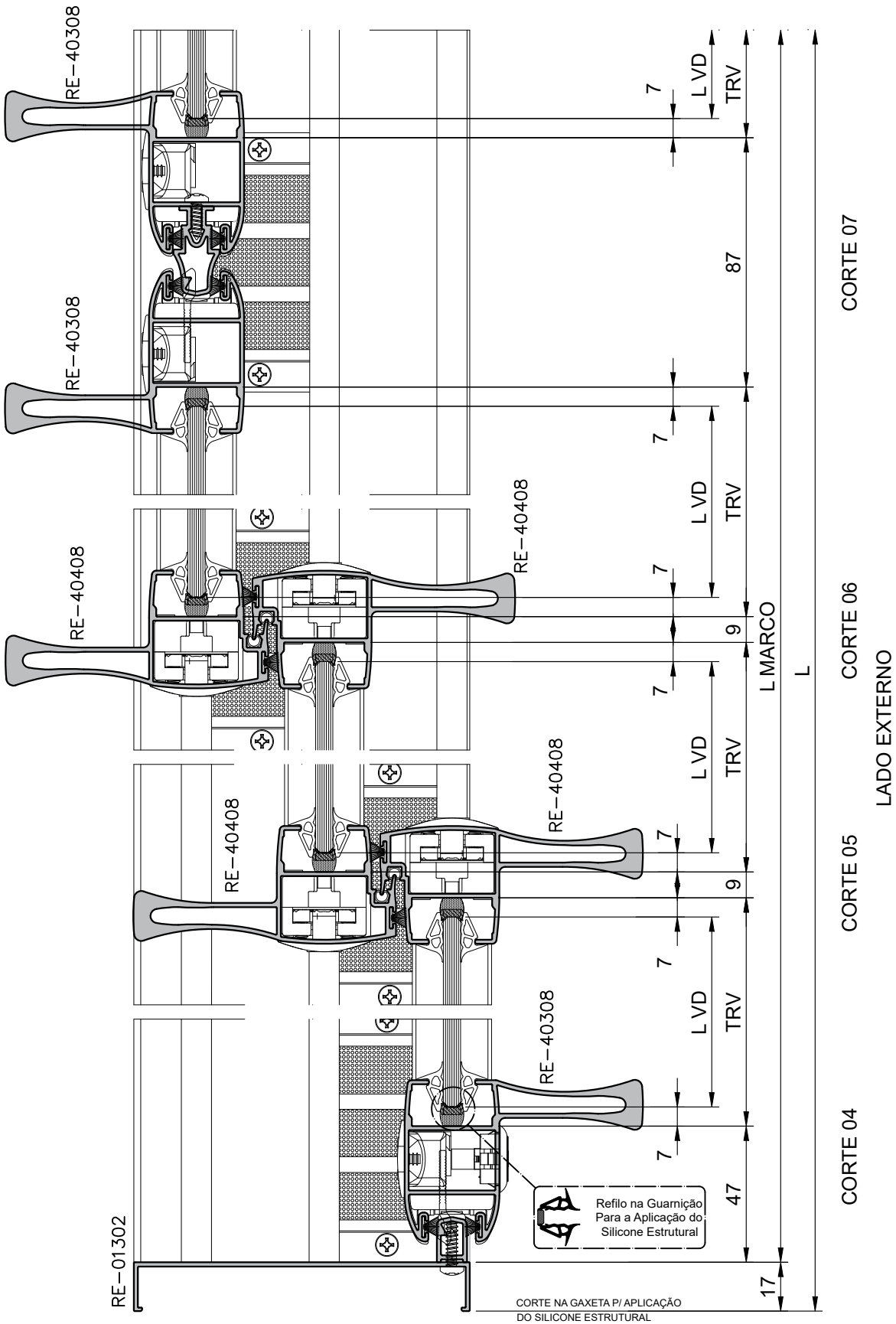
OBS.: APLICAR SILICONE ESTRUTURAL NAS ALTURAS DAS FOLHAS, DEVIDO AO ESFORÇO DE MANUSEIO.

JANELA DE CORRER
6 FOLHAS (3 PLANOS)



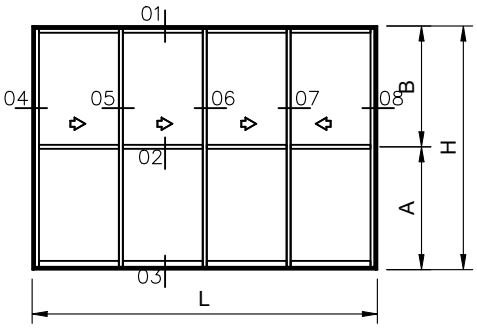


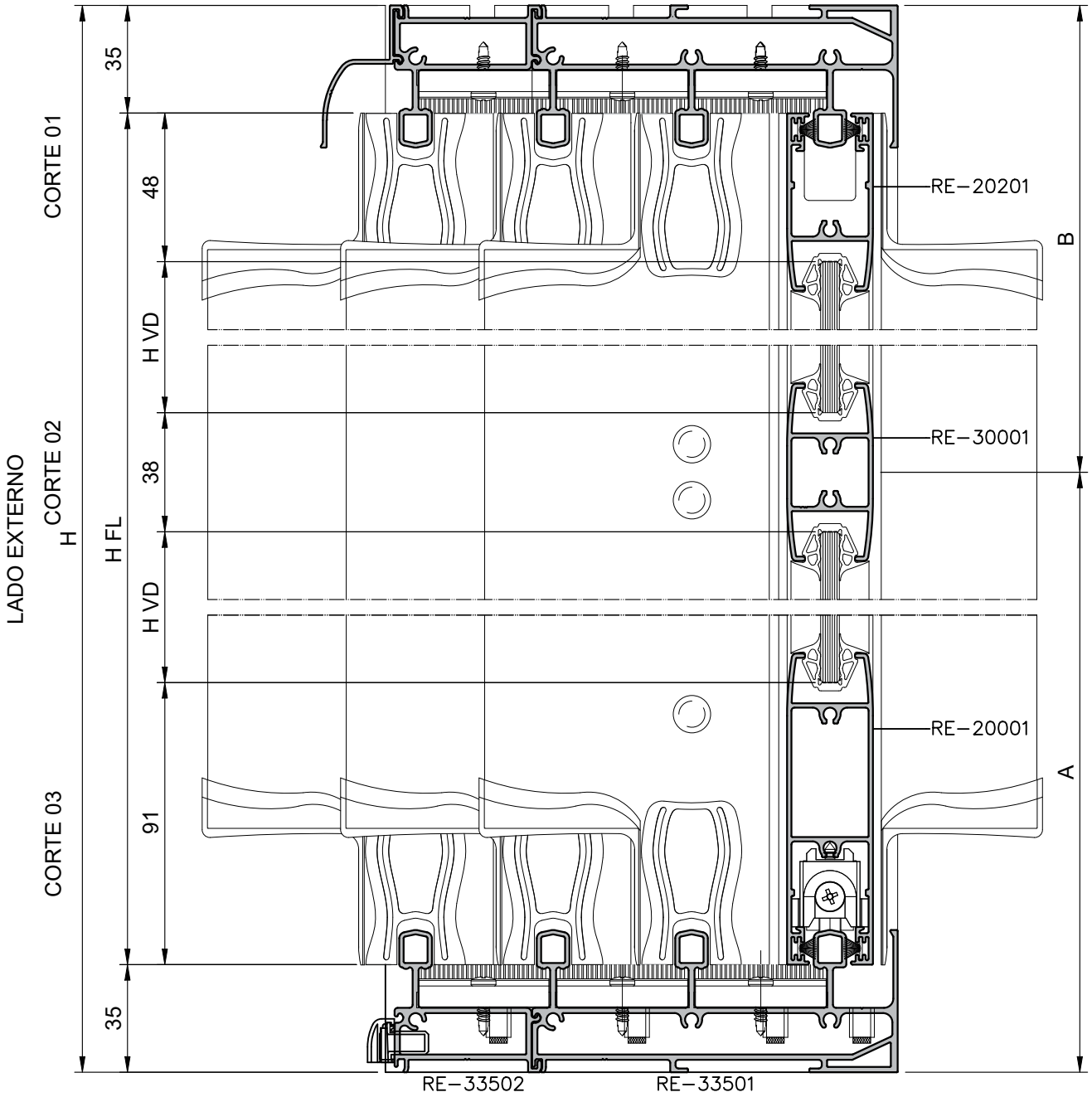
JANELA DE CORRER
6 FOLHAS (3 PLANOS)



OBS.: APLICAR SILICONE ESTRUTURAL NAS ALTURAS DAS FOLHAS, DEVIDO AO ESFORÇO DE MANUSEIO.

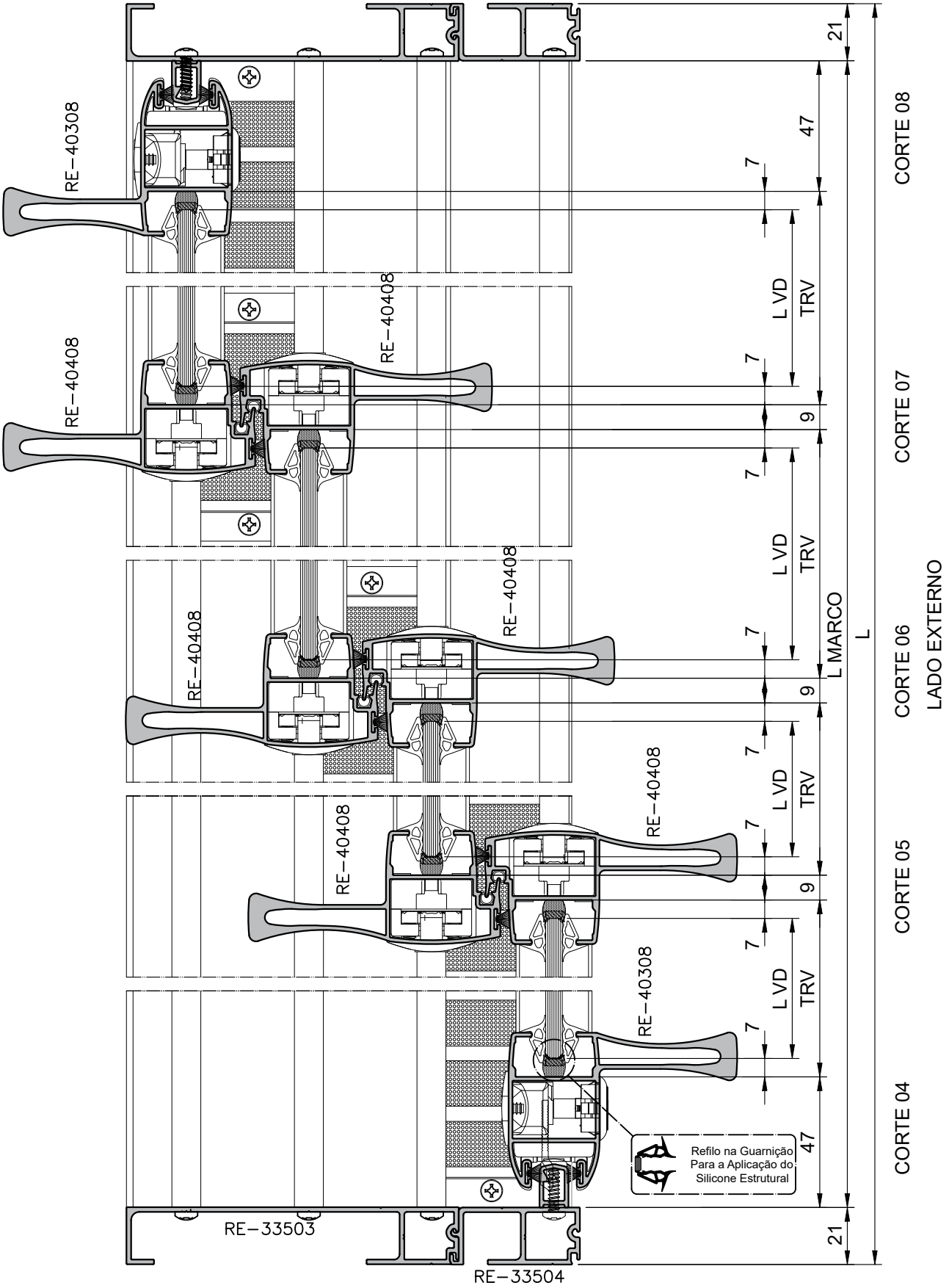
PORTA DE CORRER
4 FOLHAS
COM TRILHO MULTIPLANOS





PORTA DE CORRER
4 FOLHAS

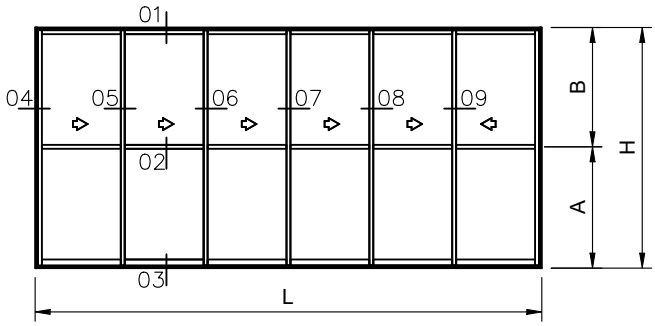
COM TRILHO MULTIPLANOS

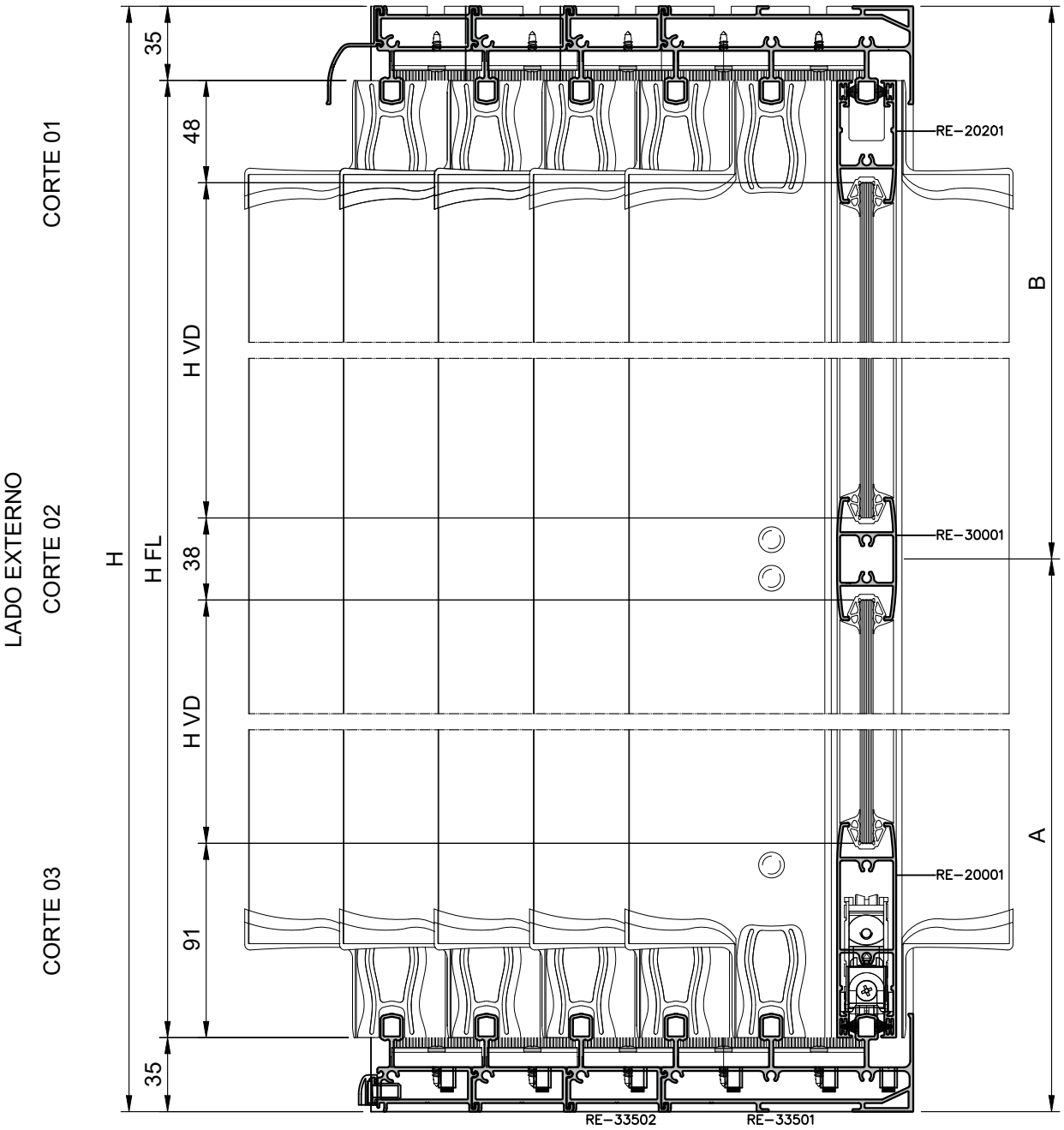


OBS.: APLICAR SILICONE ESTRUTURAL NAS ALTURAS DAS FOLHAS, DEVIDO AO ESFORÇO DE MANUSEIO.

PORTA DE CORRER
6 FOLHAS

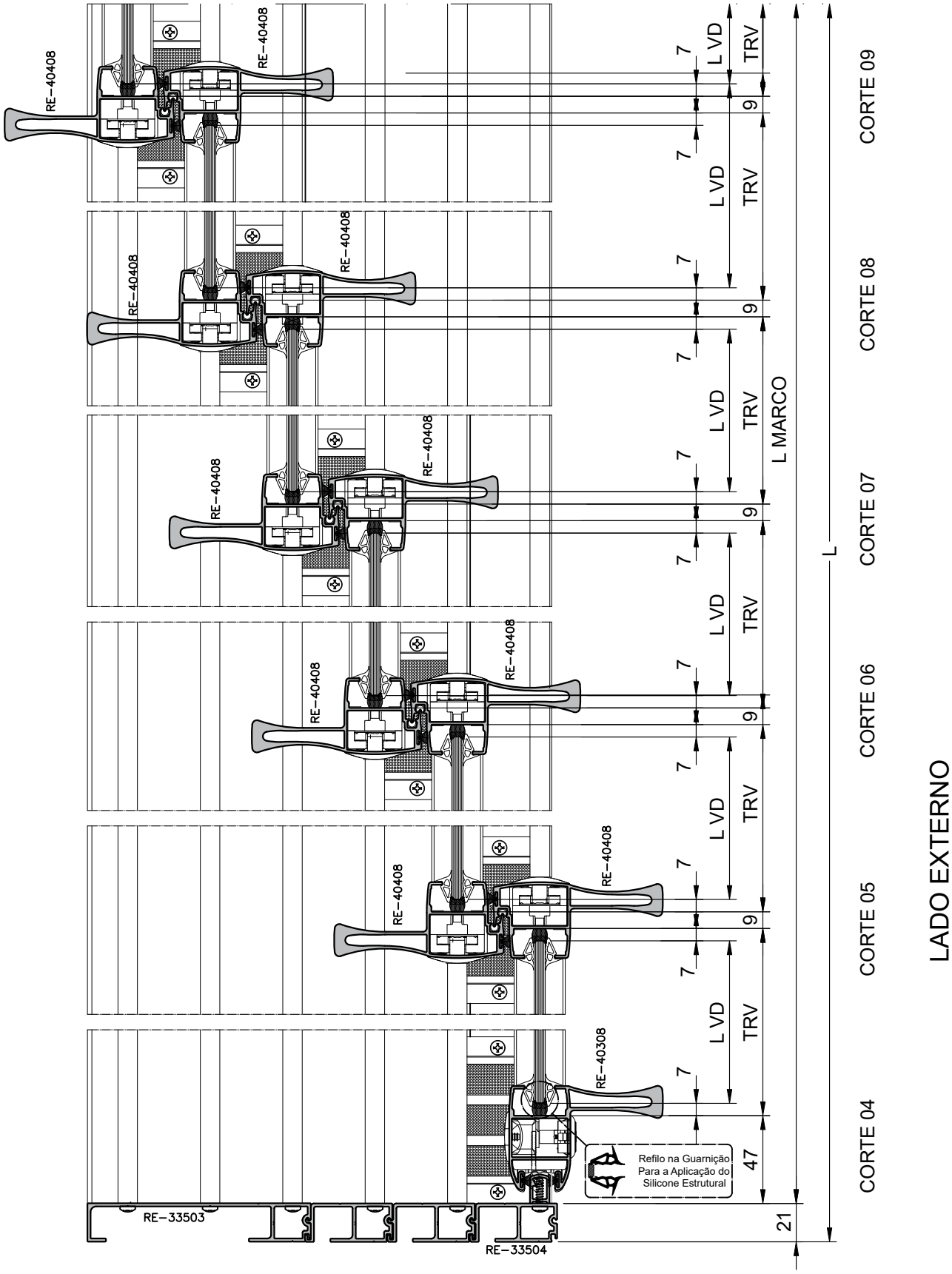
COM TRILHO MULTIPLANOS





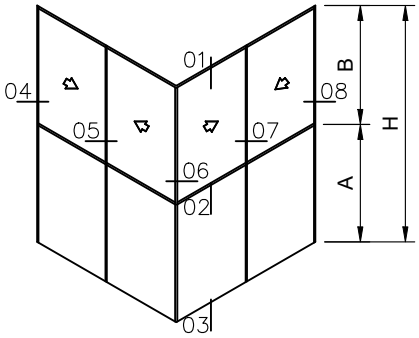
PORTA DE CORRER
6 FOLHAS

COM TRILHO MULTIPLANOS



OBS.: APLICAR SILICONE ESTRUTURAL NAS ALTURAS DAS FOLHAS, DEVIDO AO ESFORÇO DE MANUSEIO.

PORTA DE CORRER
COM CANTO EM 90º GRAUS

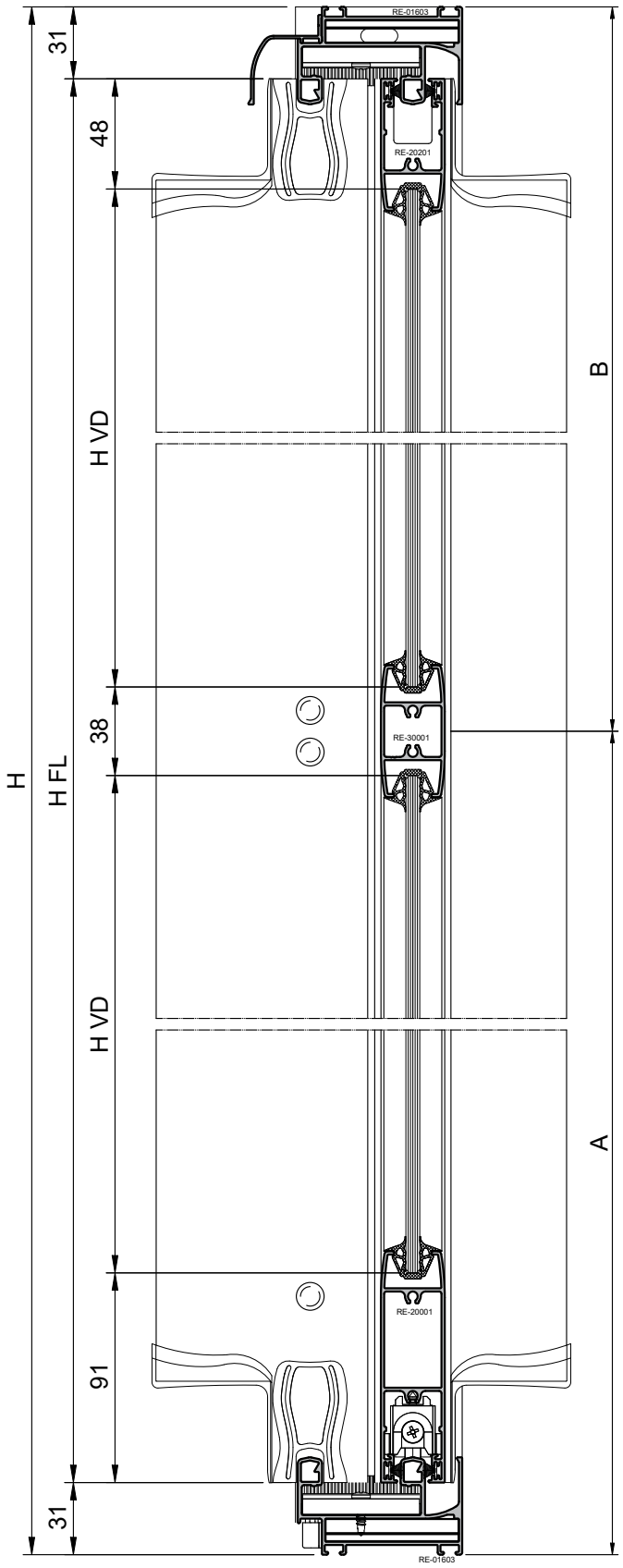


CORTE 01

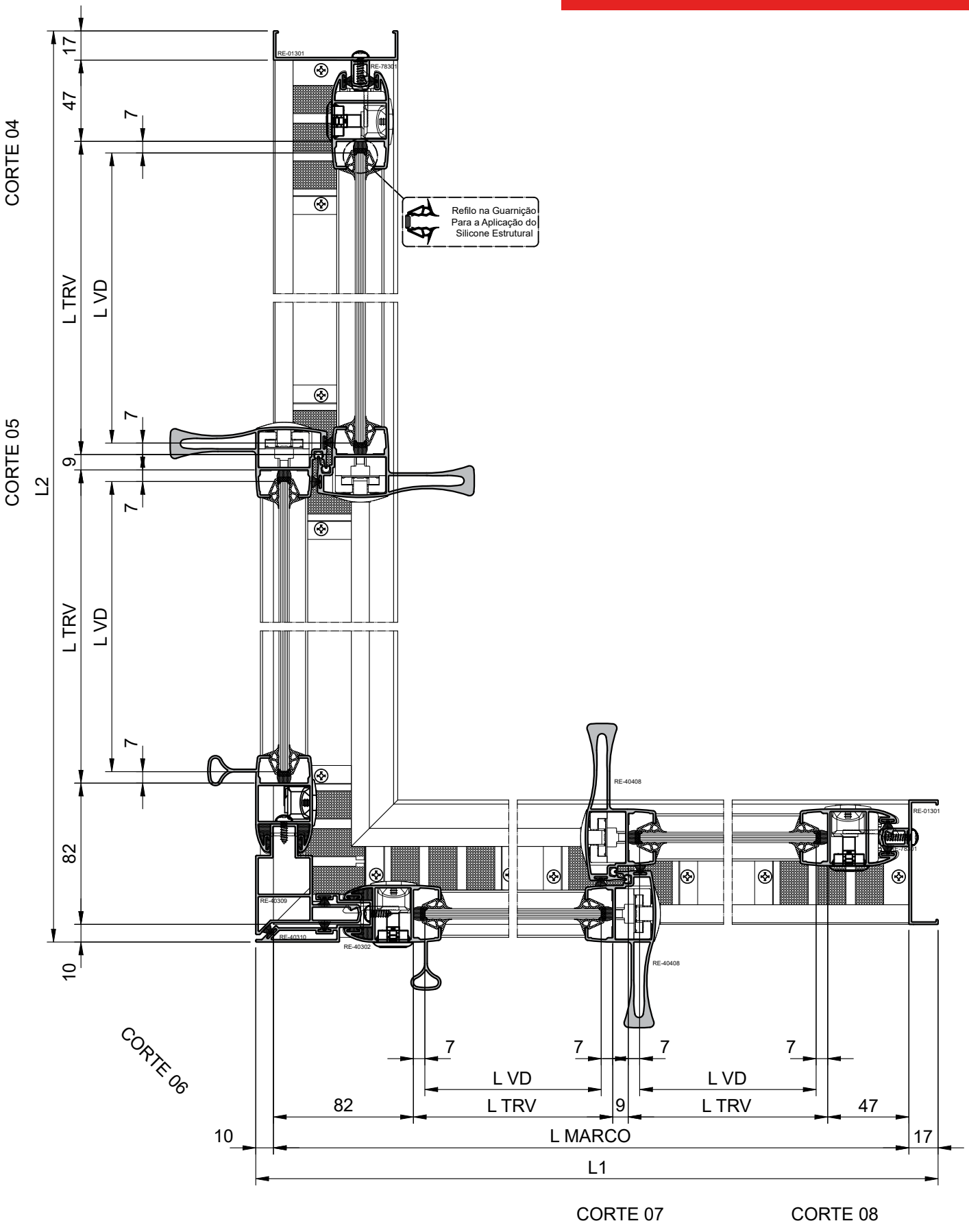
CORTE 02

CORTE 03

LADO EXTERNO

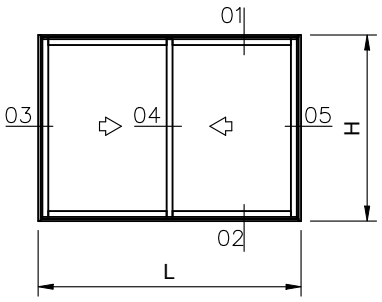


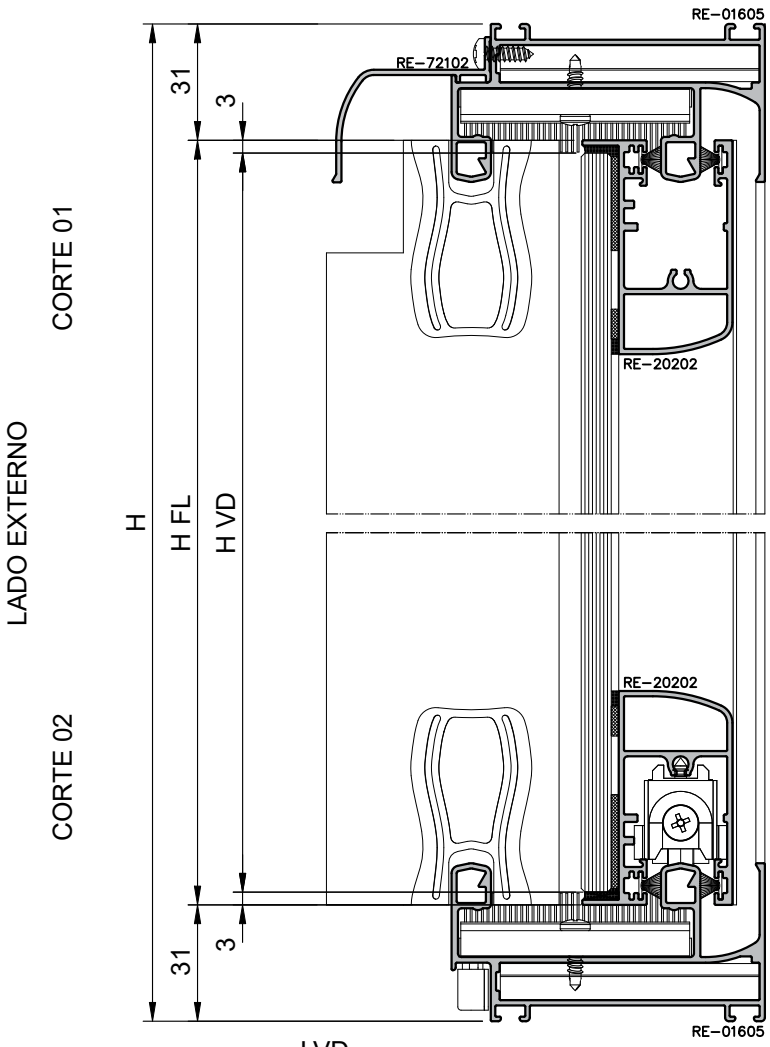
PORTA DE CORRER
COM CANTO EM 90º GRAUS

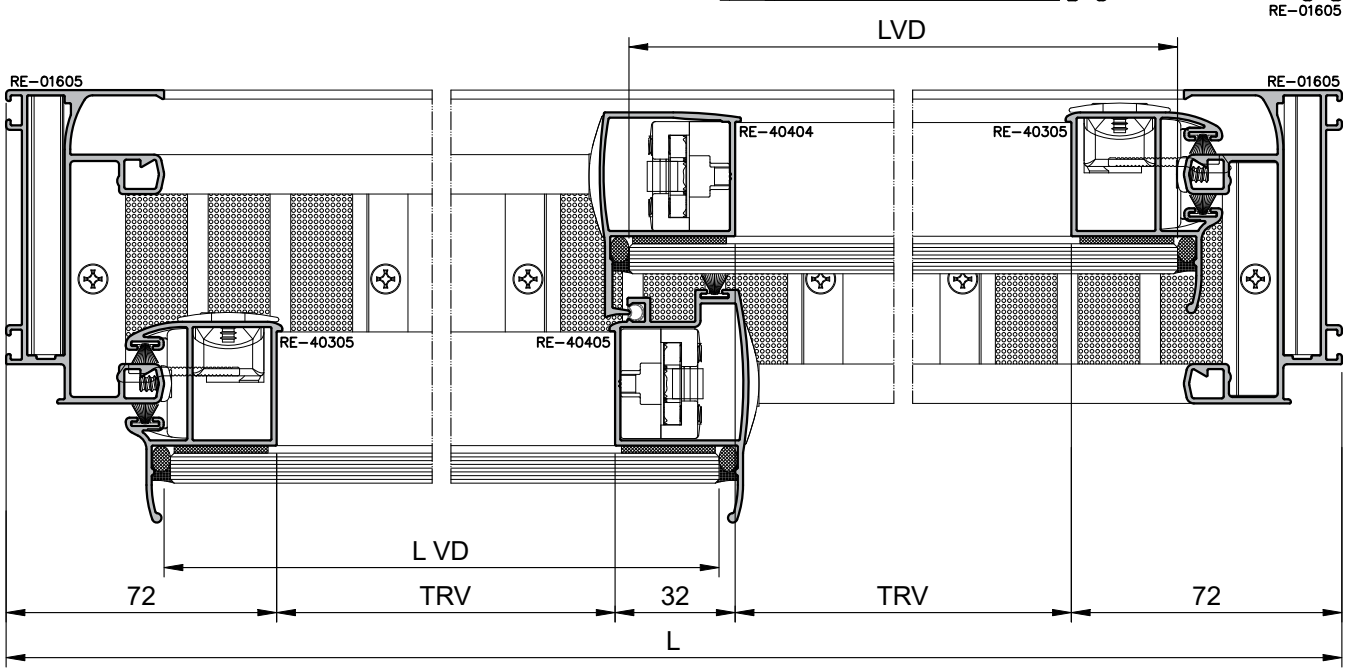


OBS.: APLICAR SILICONE ESTRUTURAL NAS ALTURAS DAS FOLHAS, DEVIDO AO ESFORÇO DE MANUSEIO.

JANELA DE CORRER
2 FOLHAS
COM VIDRO COLADO





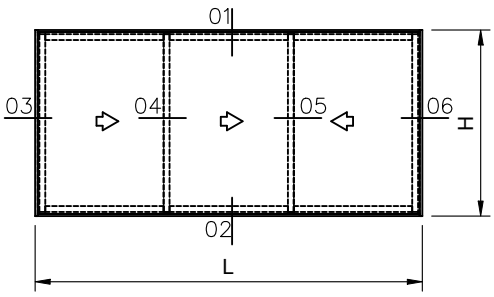


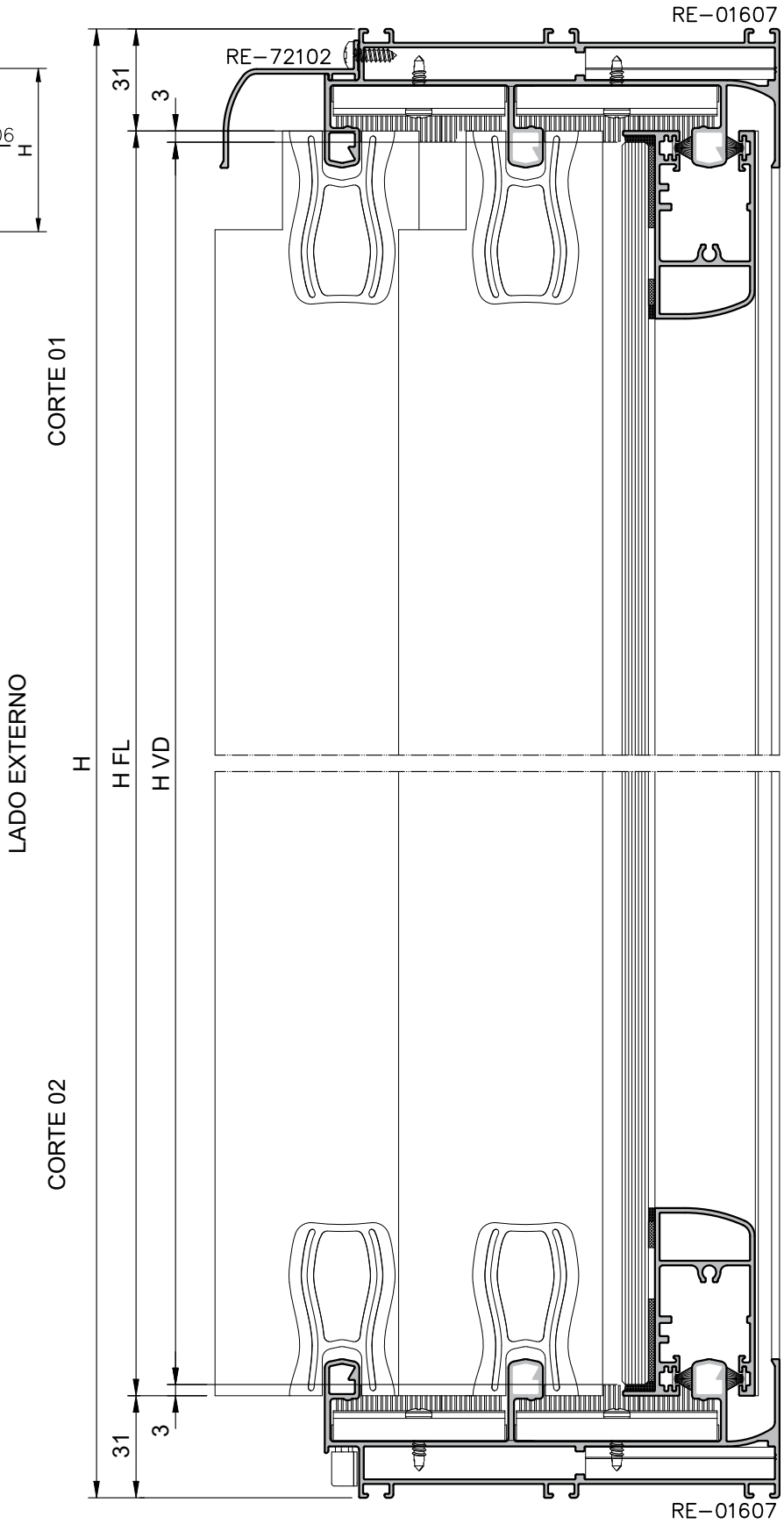
CORTE 03 CORTE 04 CORTE 05

LADO EXTERNO

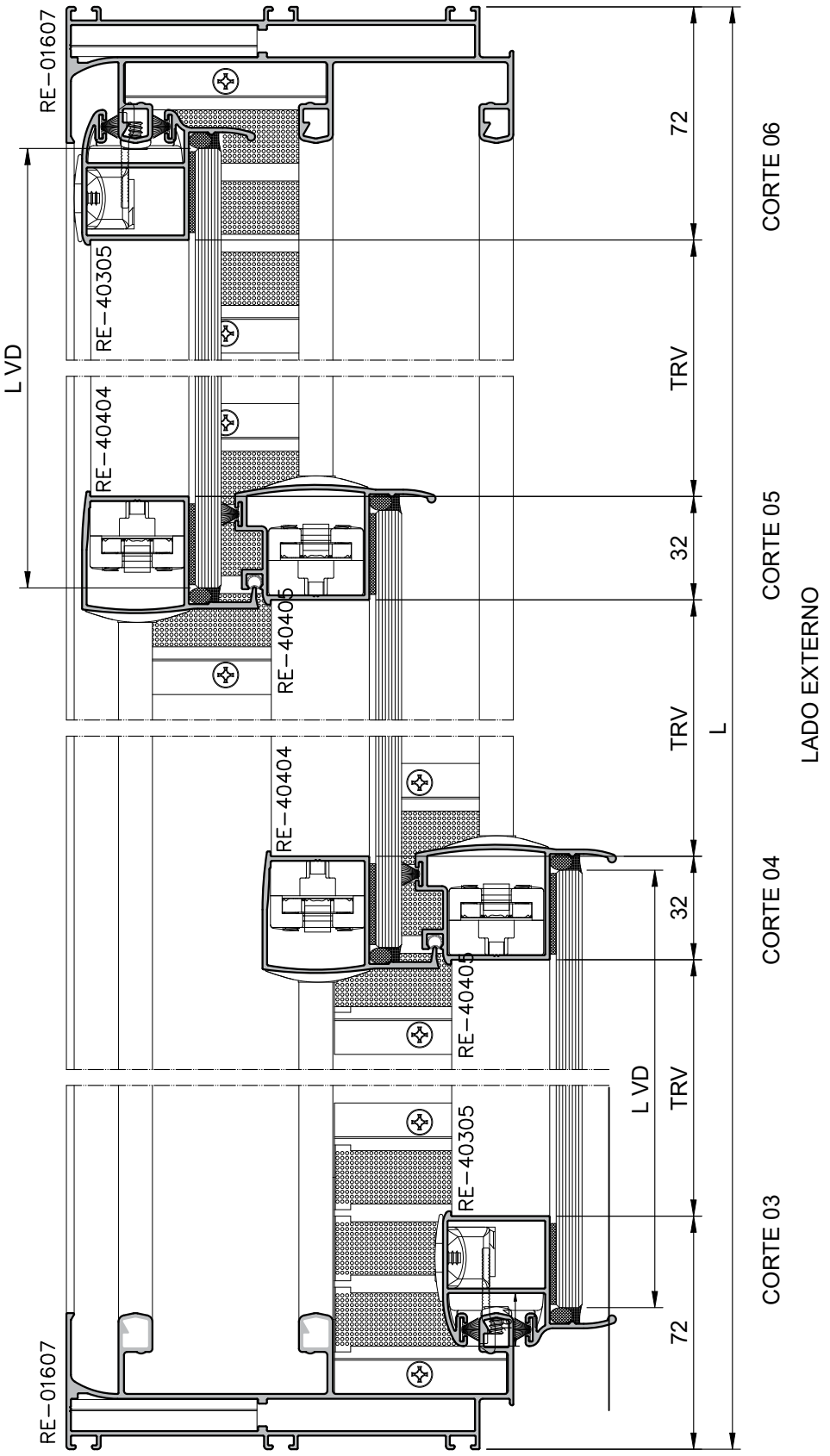
JANELA DE CORRER
3 FOLHAS

COM VIDRO COLADO



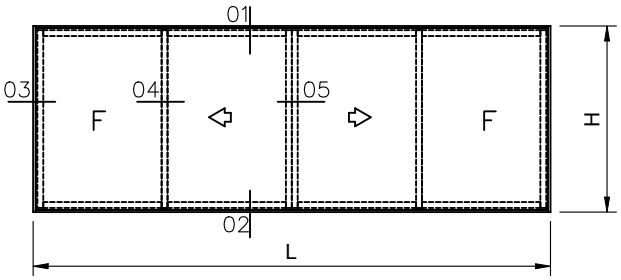


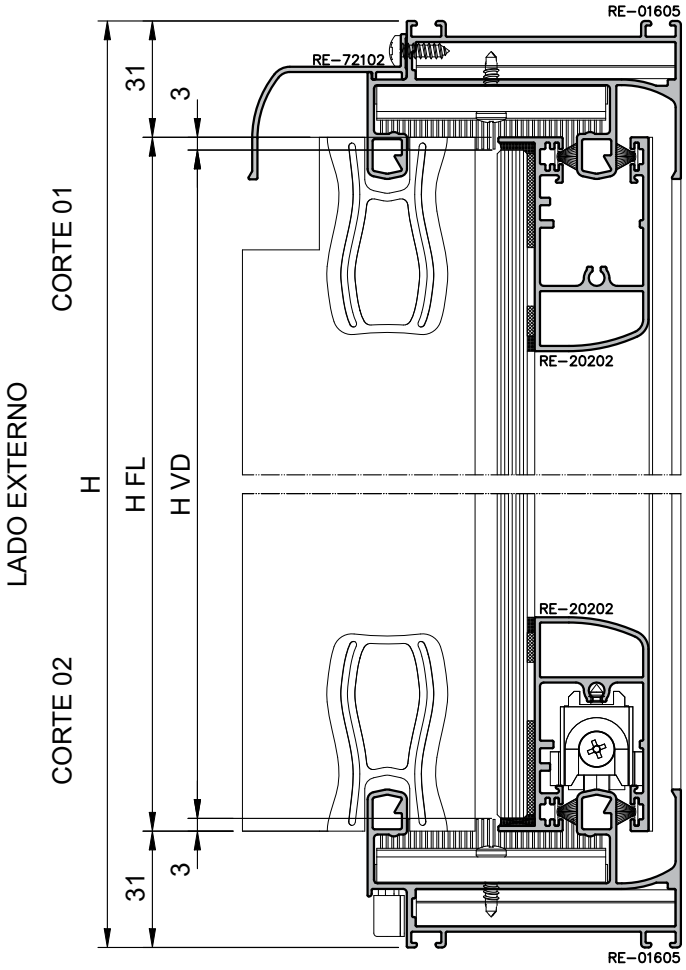
JANELA DE CORRER
3 FOLHAS
COM VIDRO COLADO

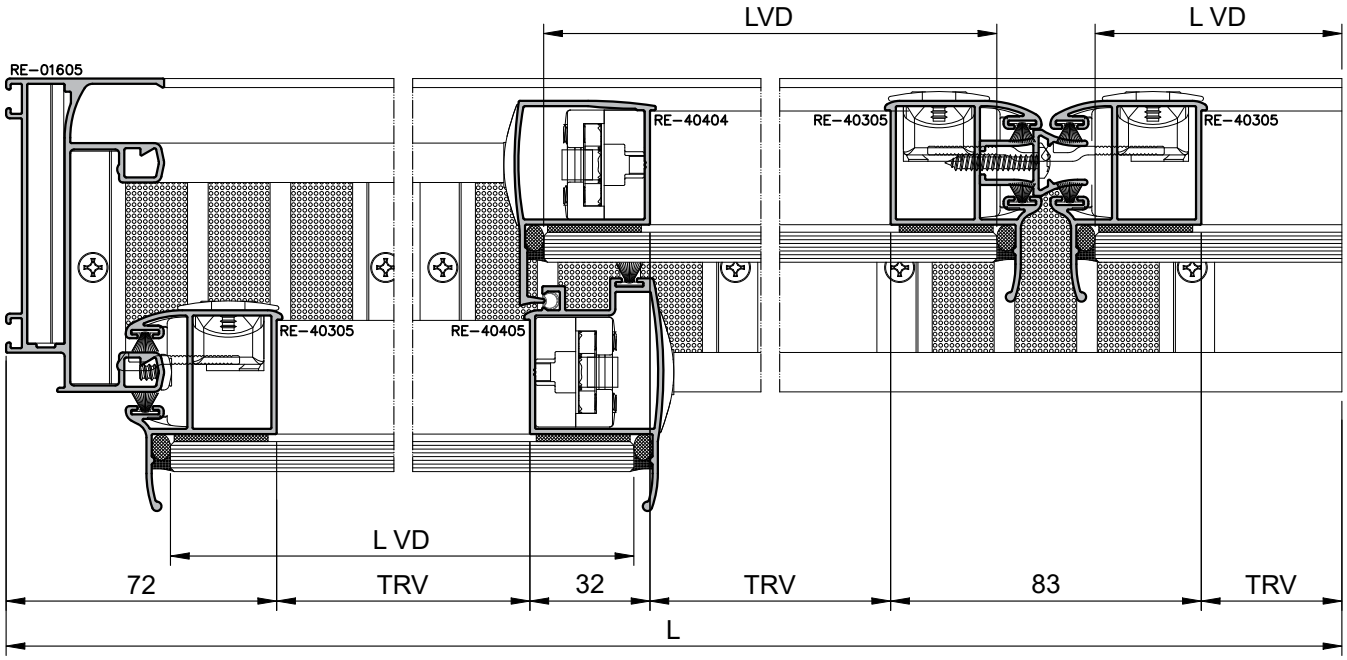


JANELA DE CORRER
4 FOLHAS

COM VIDRO COLADO





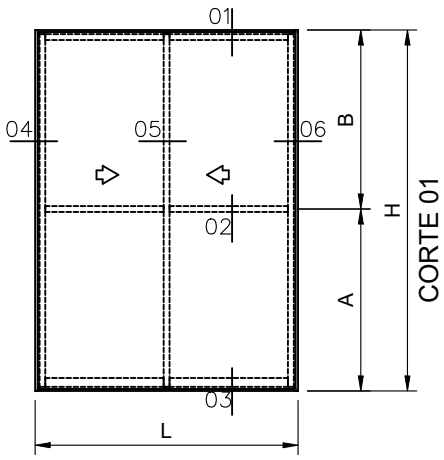


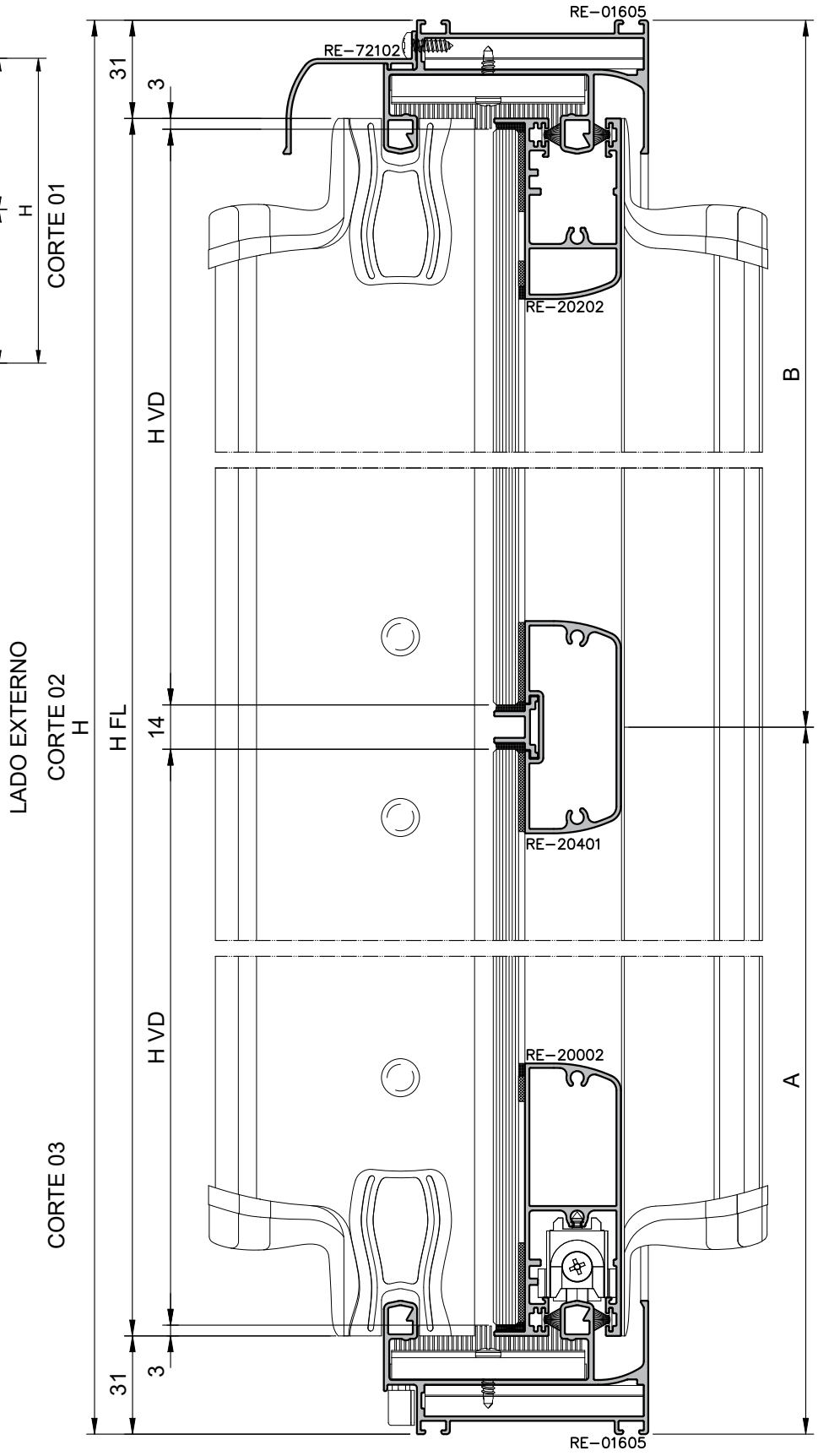
CORTE 03 CORTE 04 CORTE 05

LADO EXTERNO

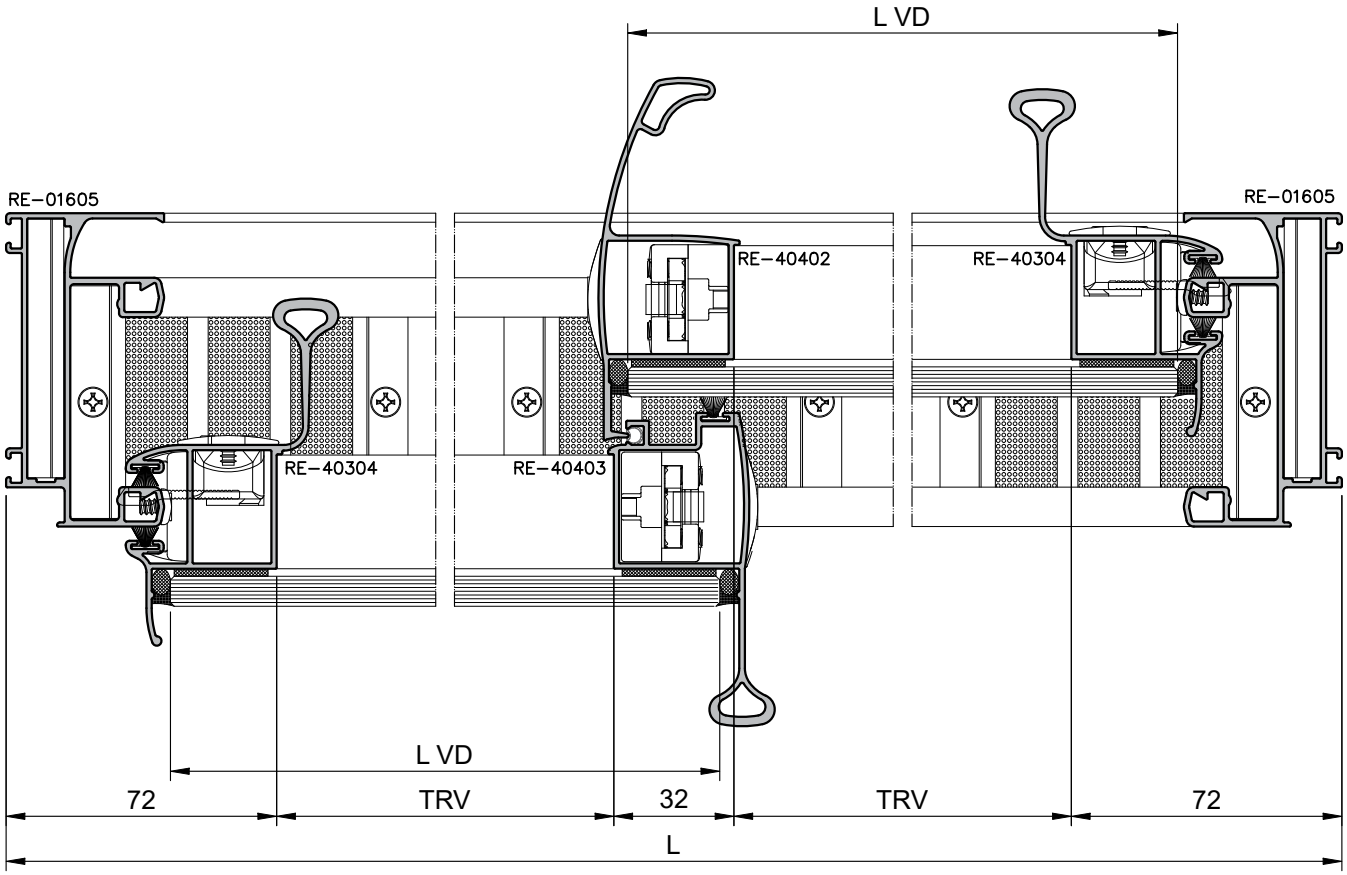
PORTA DE CORRER
2 FOLHAS

COM VIDRO COLADO





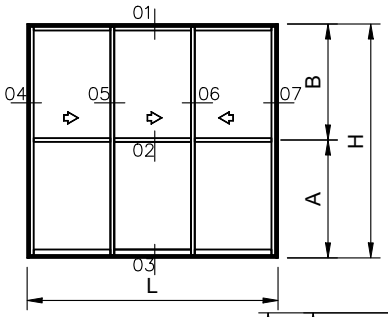
PORTA DE CORRER
2 FOLHAS
COM VIDRO COLADO

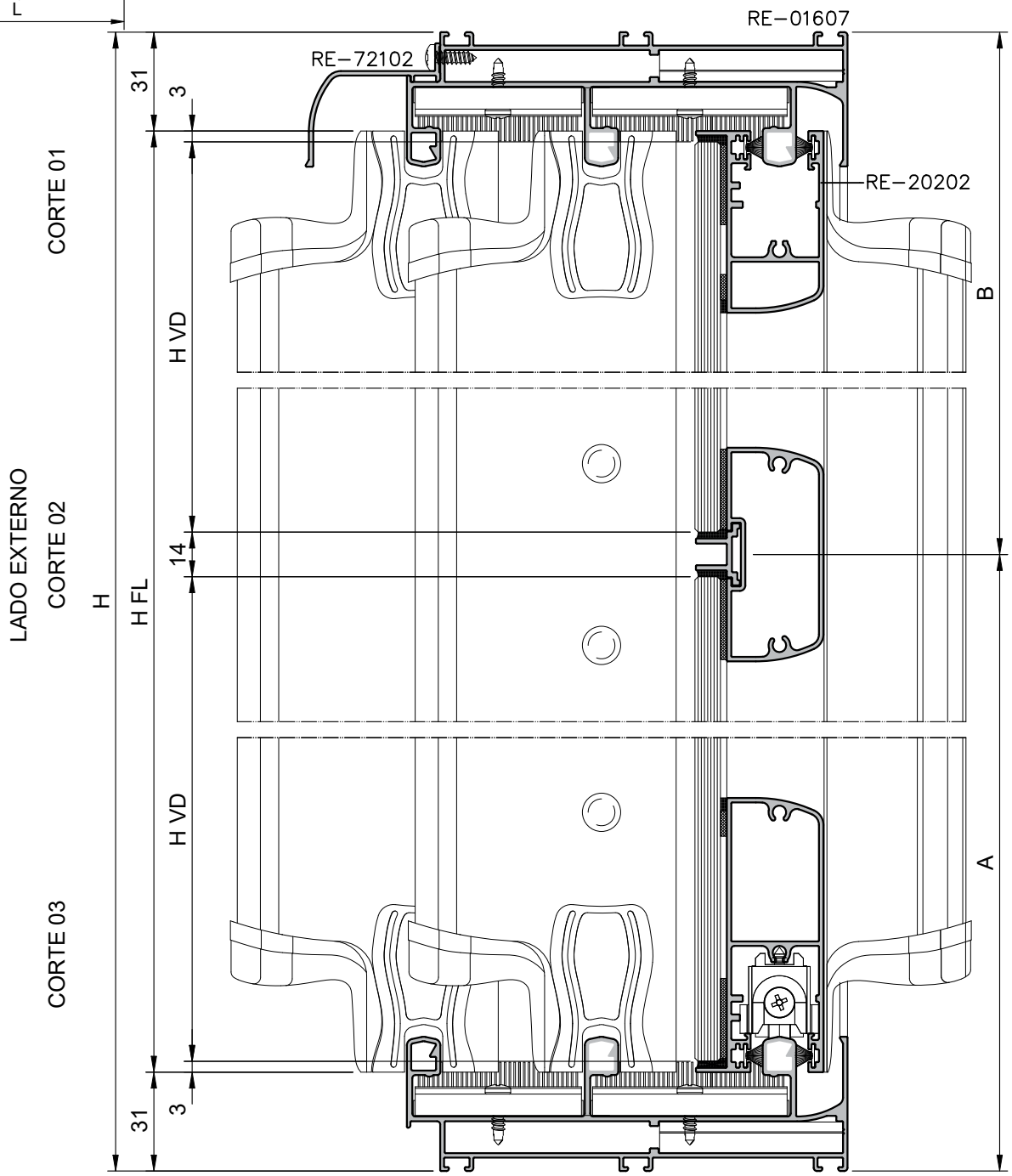


CORTE 04 CORTE 05 CORTE 06

LADO EXTERNO

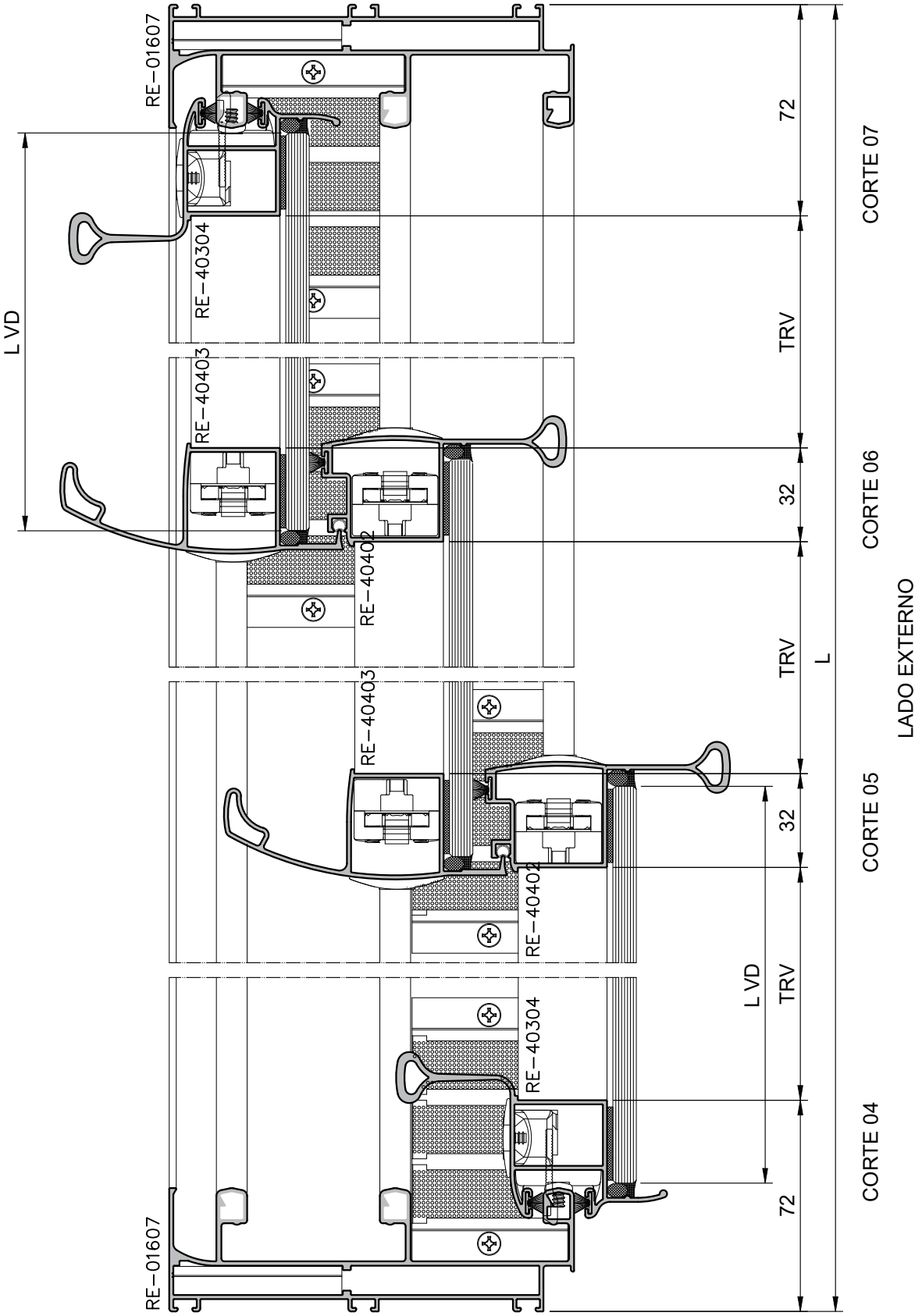
PORTA DE CORRER
3 FOLHAS
COM VIDRO COLADO





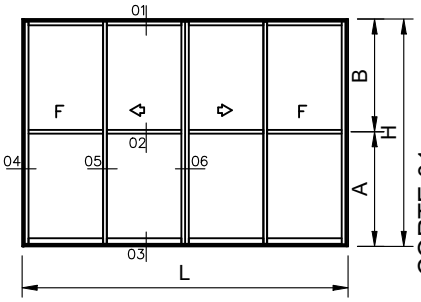
PORTA DE CORRER
3 FOLHAS

COM VIDRO COLADO

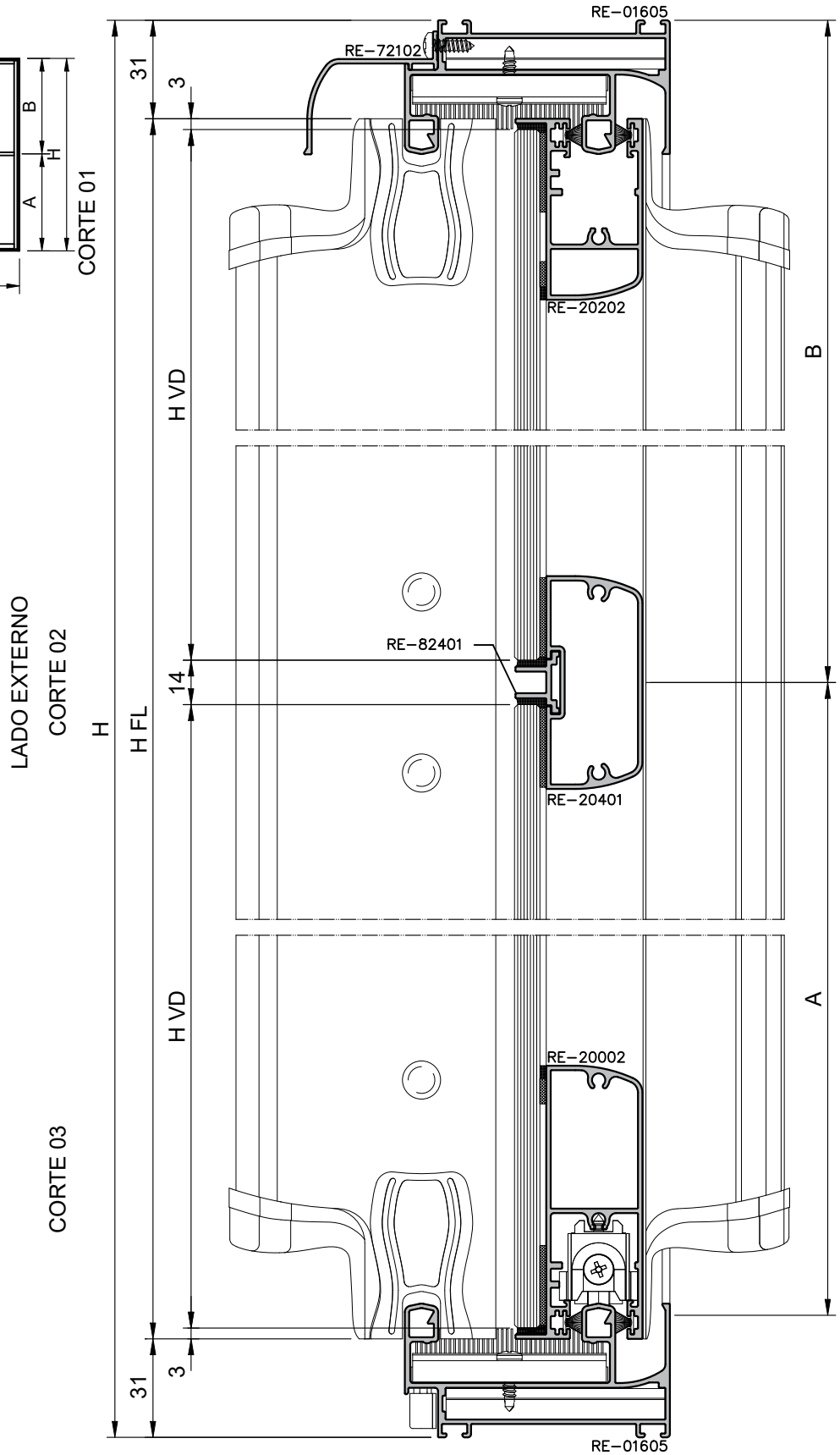


PORTA DE CORRER
4 FOLHAS

COM VIDRO COLADO



CORTE 01



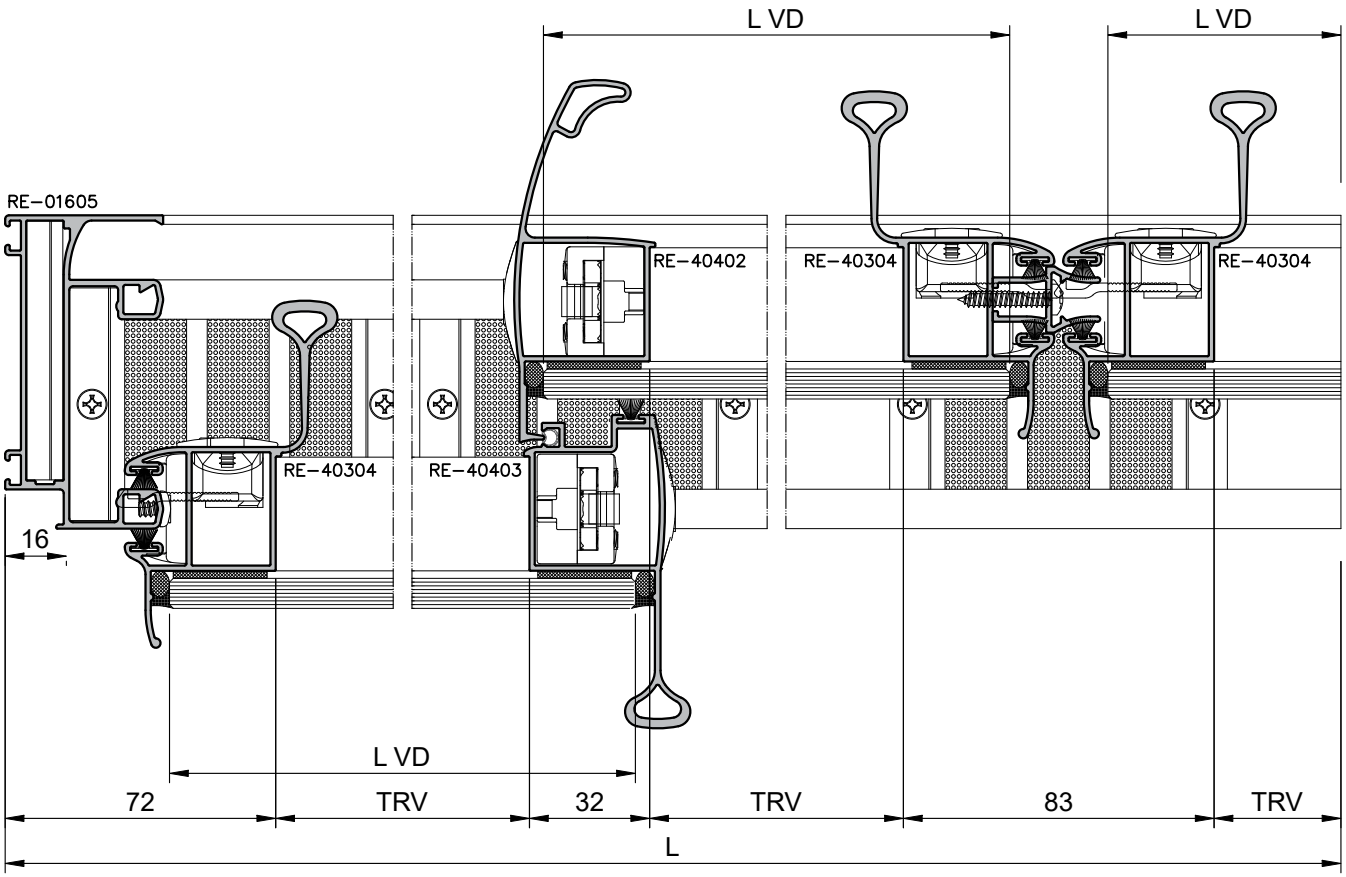
LADO EXTERNO

CORTE 02

CORTE 03

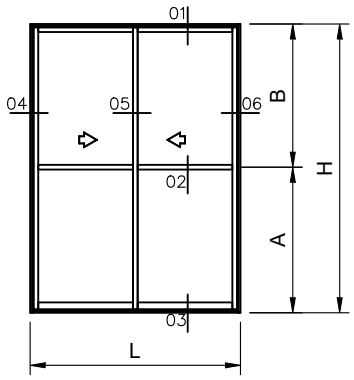
PORTA DE CORRER
4 FOLHAS

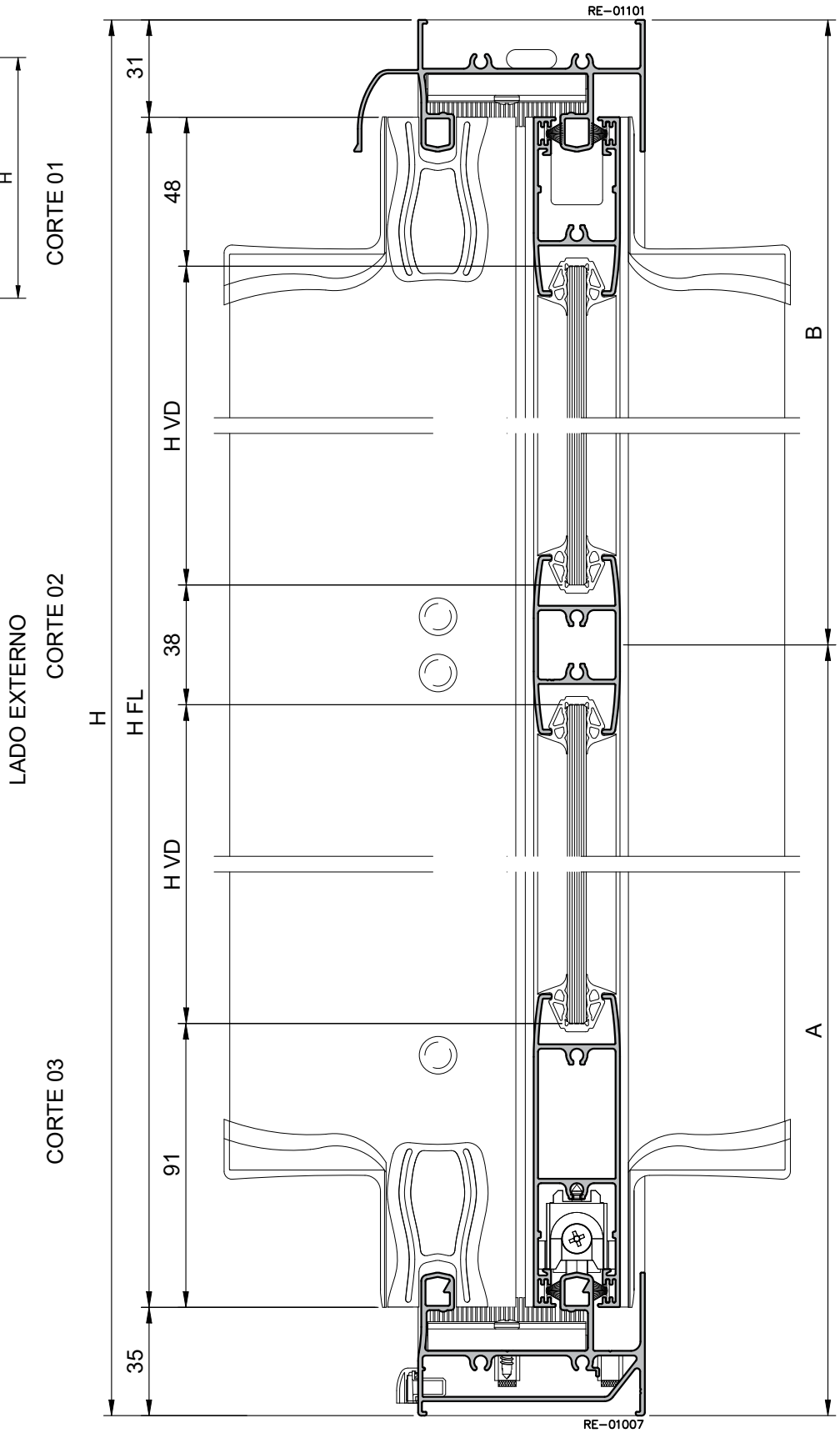
COM VIDRO COLADO



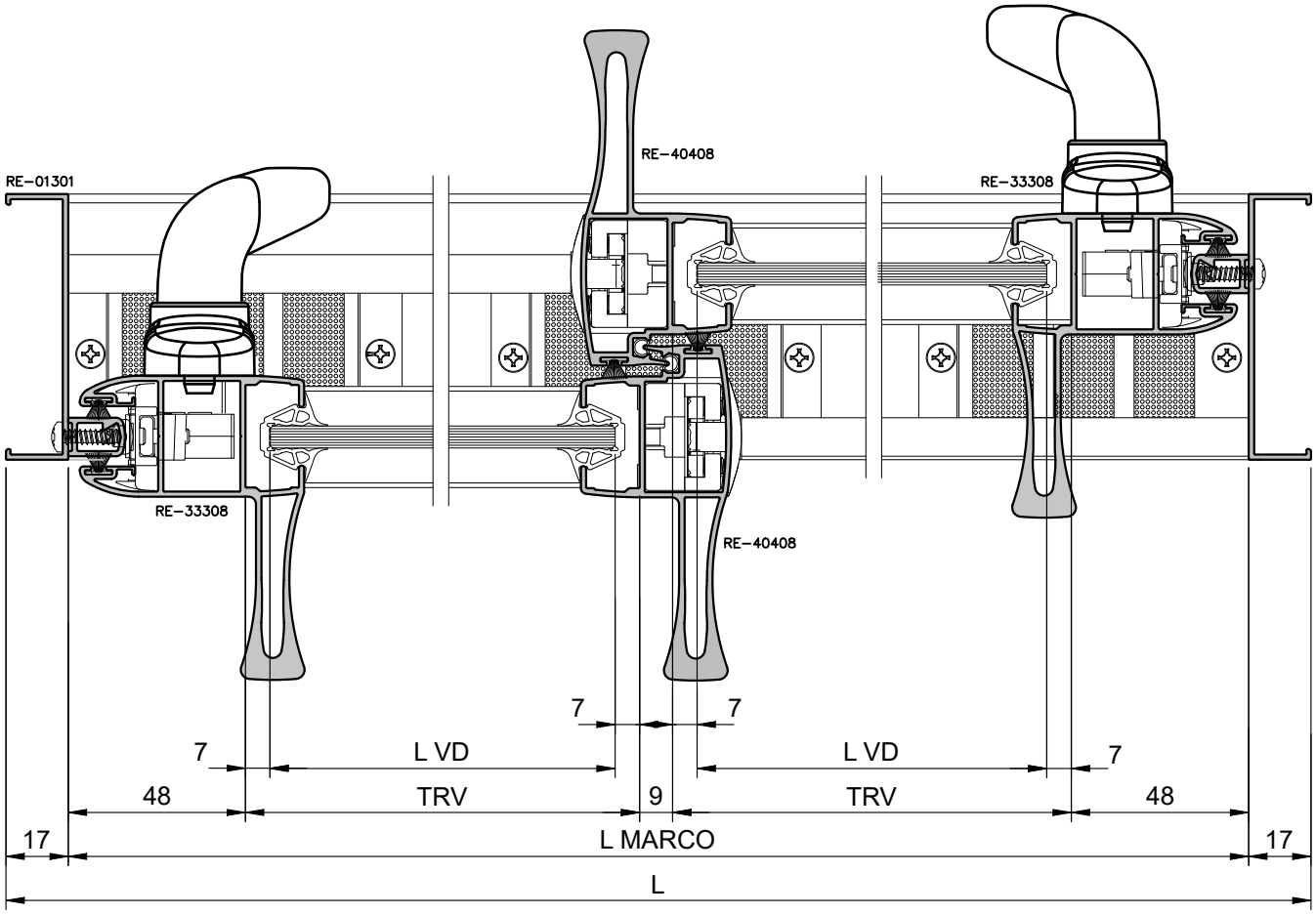
CORTE 04 CORTE 05 CORTE 06

PORTA DE CORRER
2 FOLHAS
(MONTAGEM COM CREMONA)





PORTA DE CORRER
2 FOLHAS
(MONTAGEM COM CREMONA)



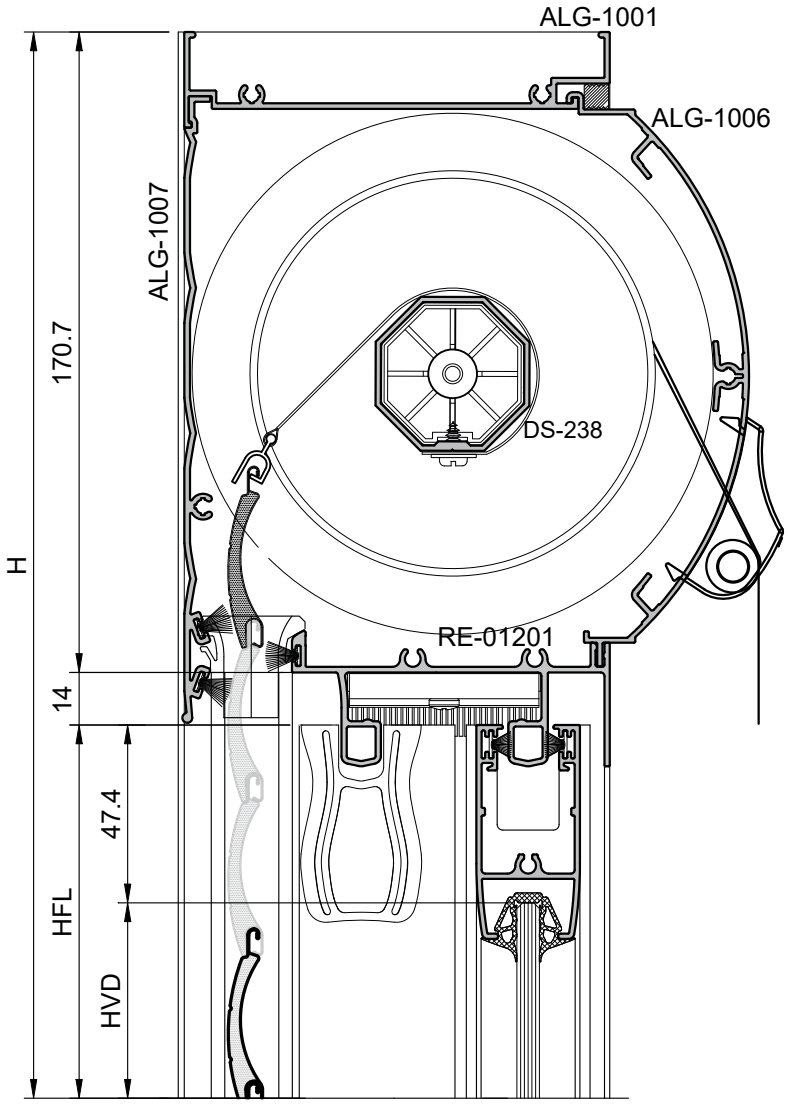
CORTE 04 CORTE 05 CORTE 06

LADO EXTERNO

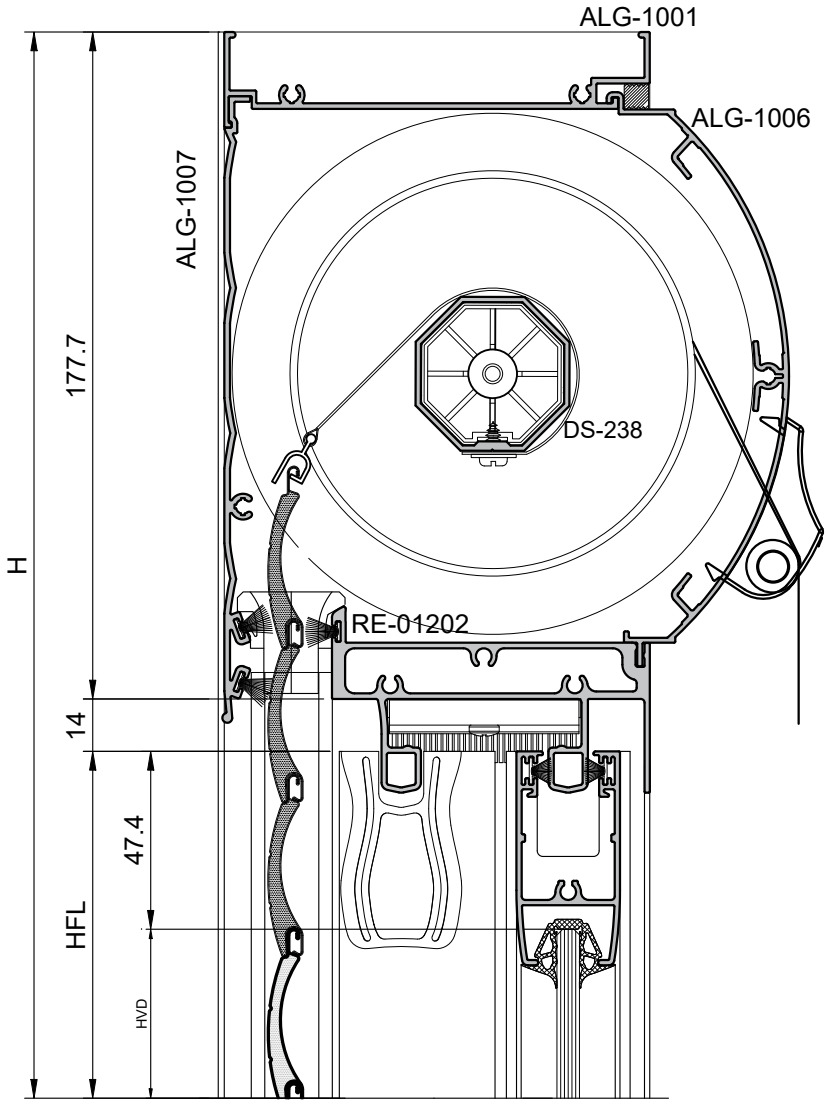
6

Detalhes Construtivos

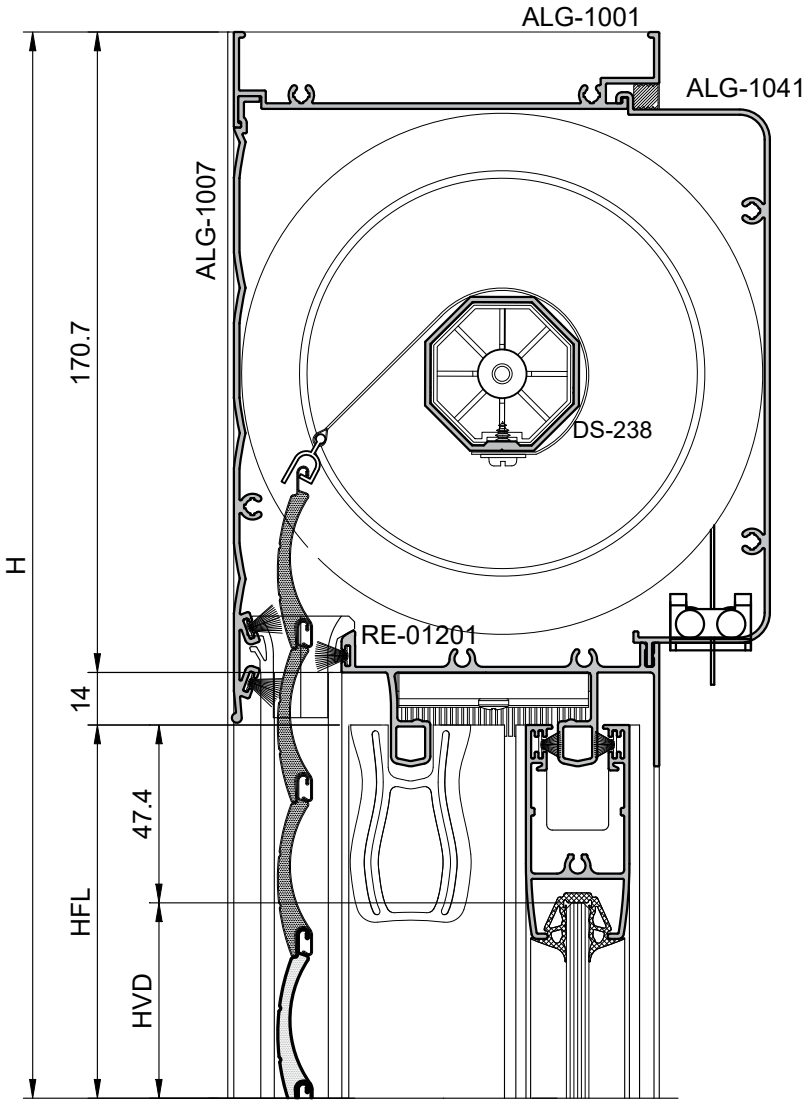
CAIXA PERSIANA INTEGRADA COM RECOLHEDOR AUTOMÁTICO E EIXO DE 40MM



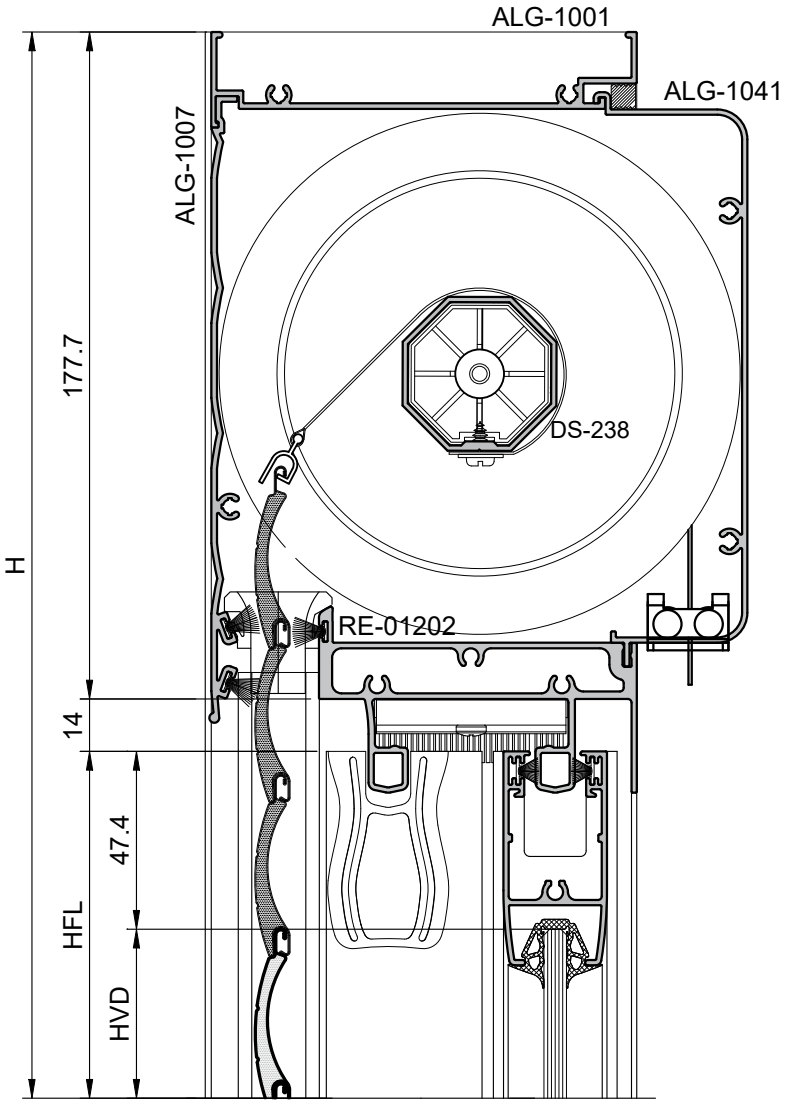
CAIXA PERSIANA INTEGRADA COM RECOLHEDOR AUTOMÁTICO E EIXO DE 40MM



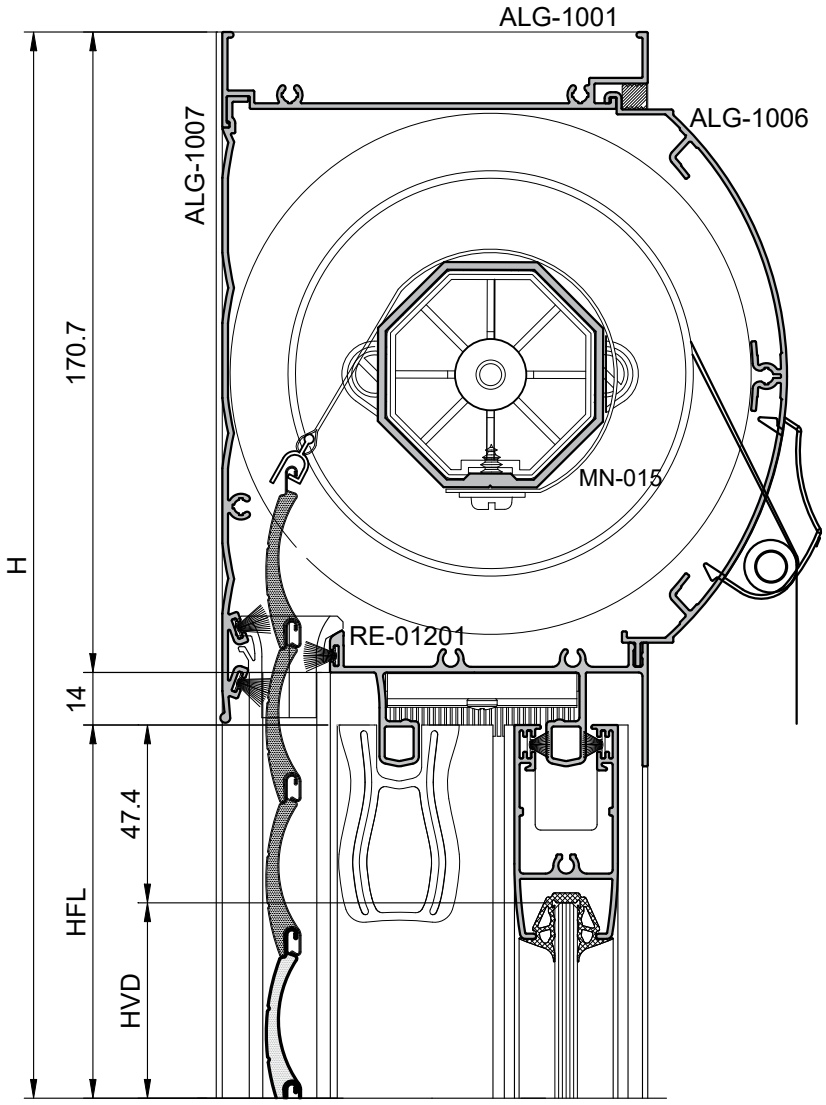
CAIXA PERSIANA INTEGRADA COM RECOLHEDOR AUTOMÁTICO E EIXO DE 40MM



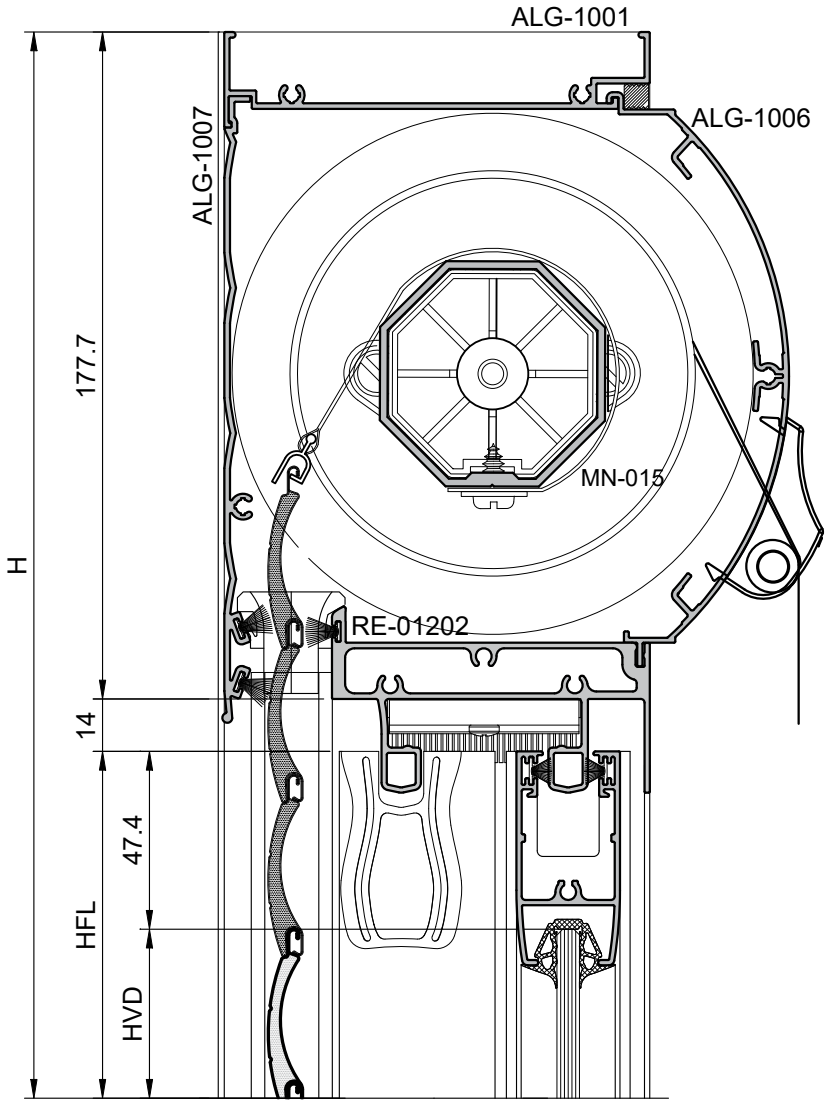
CAIXA PERSIANA INTEGRADA COM RECOLHEDOR AUTOMÁTICO E EIXO DE 40MM



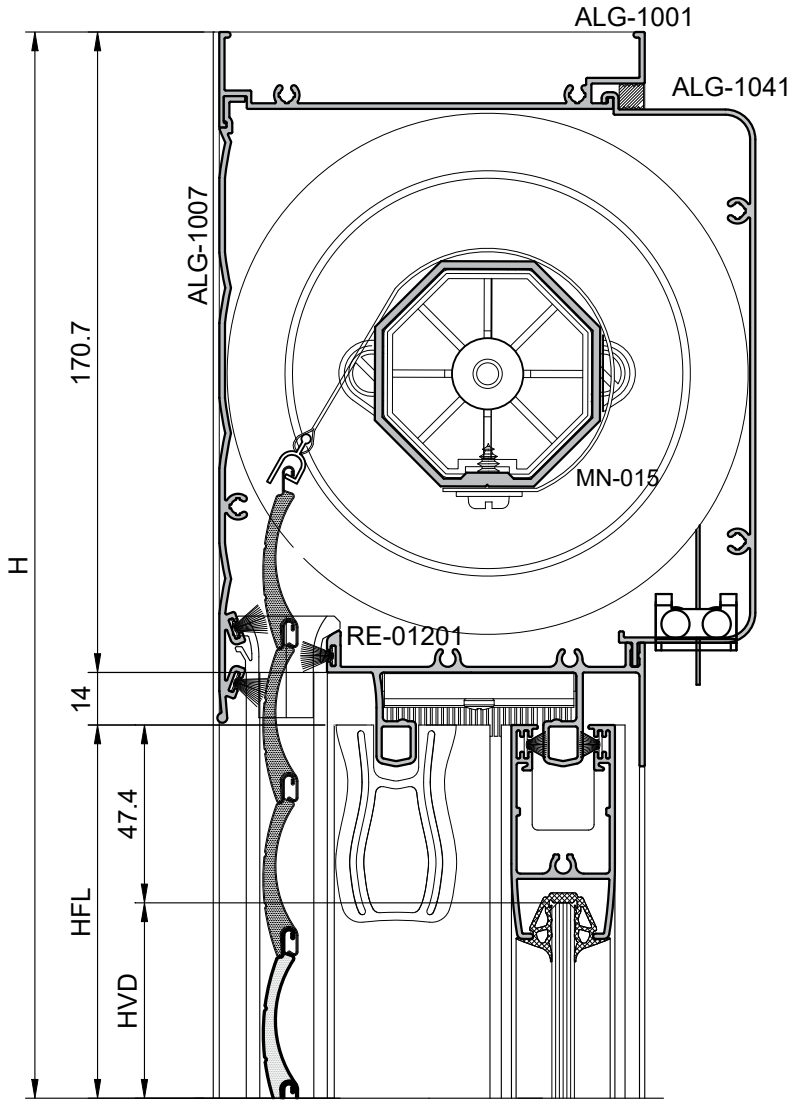
CAIXA PERSIANA INTEGRADA COM RECOLHEDOR AUTOMÁTICO E EIXO DE 60MM



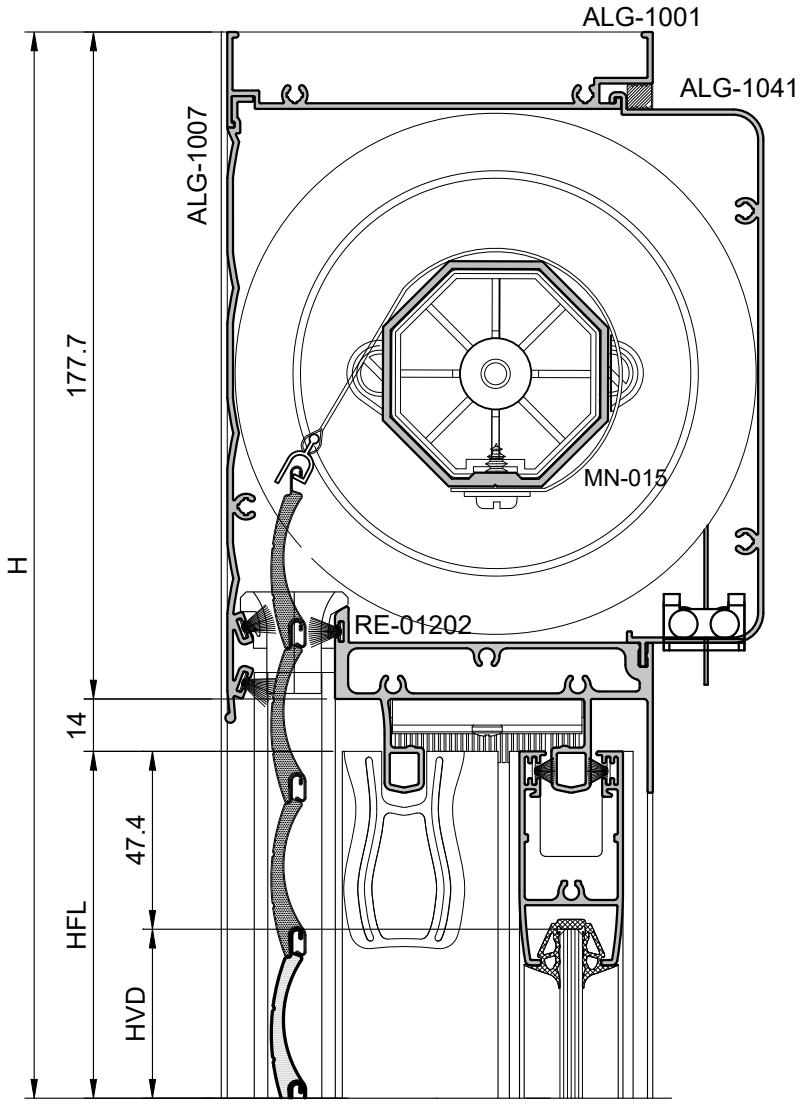
CAIXA PERSIANA INTEGRADA COM RECOLHEDOR AUTOMÁTICO E EIXO DE 60MM

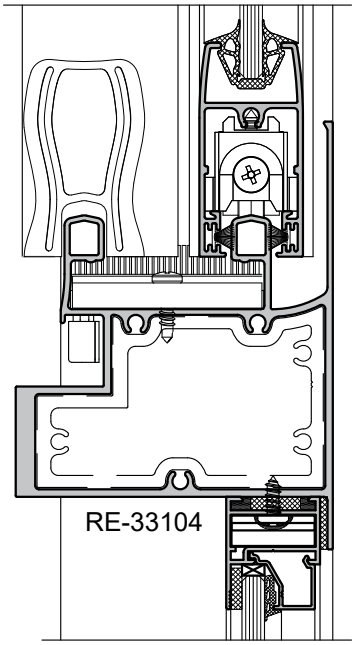


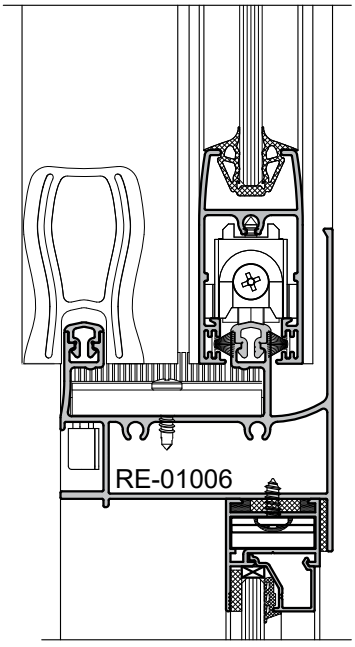
CAIXA PERSIANA INTEGRADA COM RECOLHEDOR AUTOMÁTICO E EIXO DE 60MM



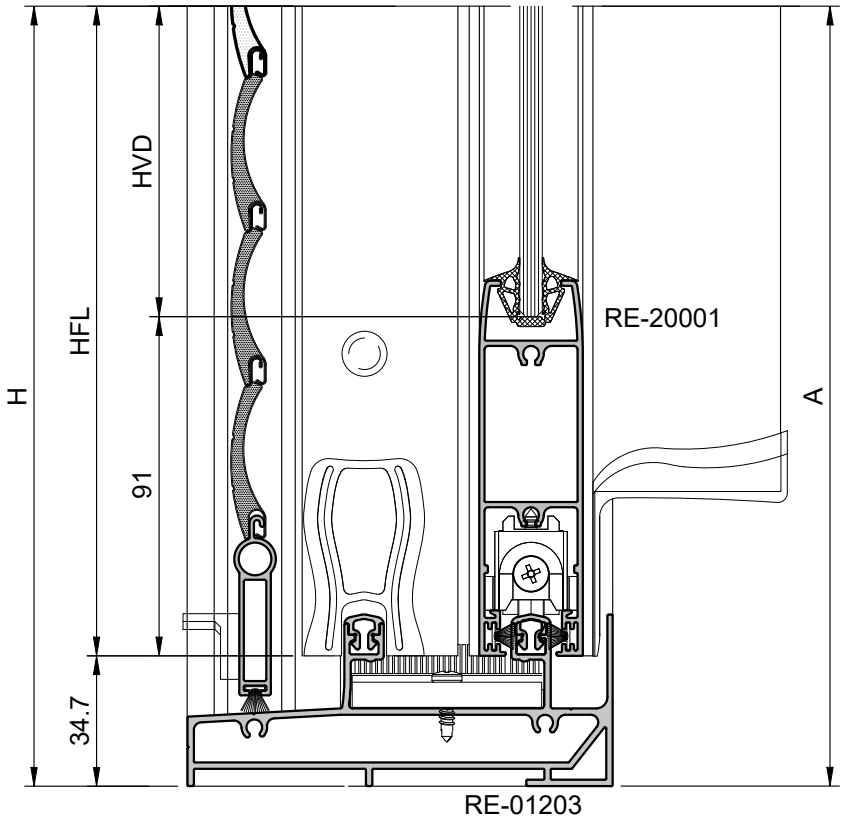
CAIXA PERSIANA INTEGRADA COM RECOLHEDOR AUTOMÁTICO E EIXO DE 60MM



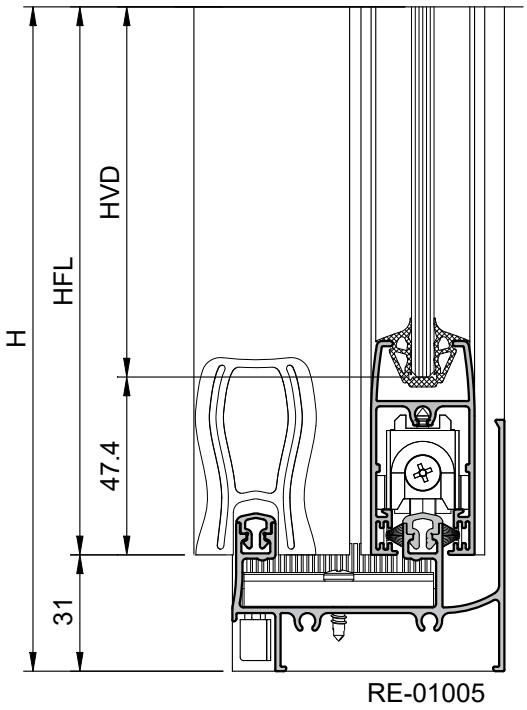

RE-33104


RE-01006

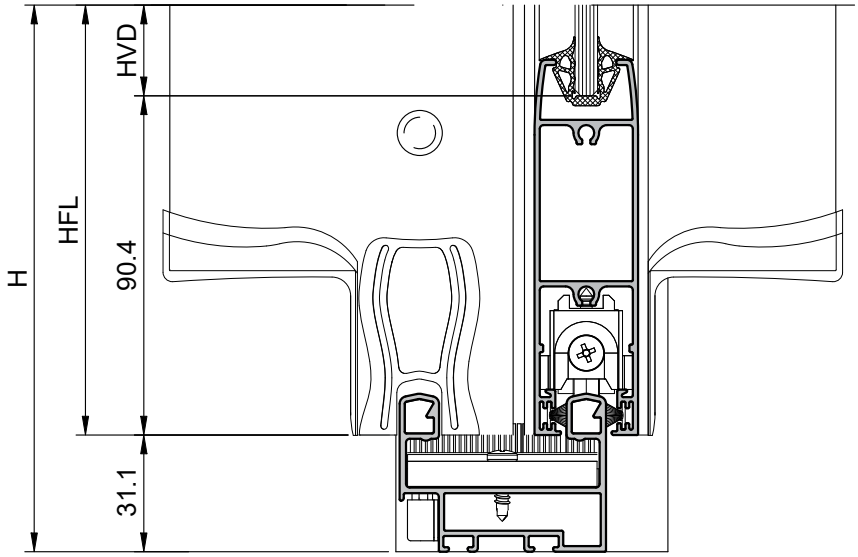
OPÇÃO DE TRILHO INFERIOR 2 PLANOS PARA PERSIANA INTEGRADA



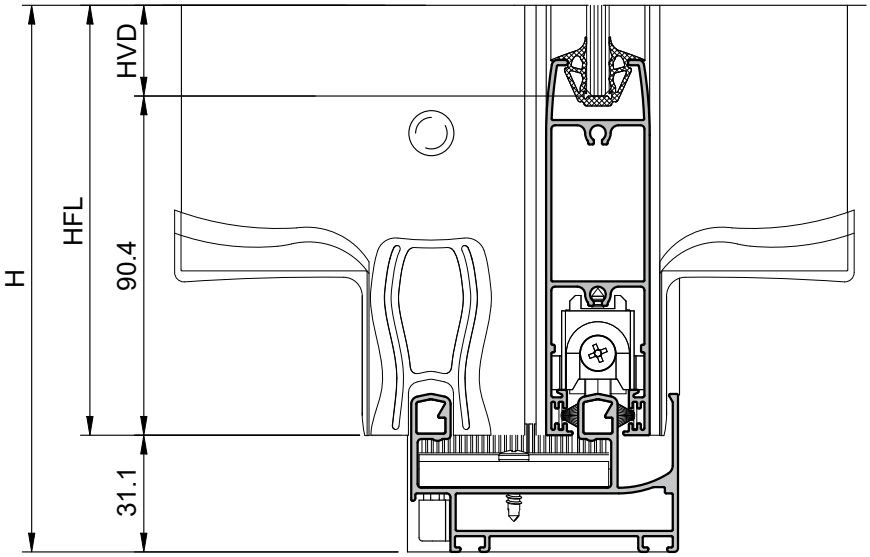
OPÇÃO DE TRILHO INFERIOR DE JANELA 2 PLANOS (COM CAPA)



OPÇÃO DE TRILHO INFERIOR DE PORTAS 2 PLANOS

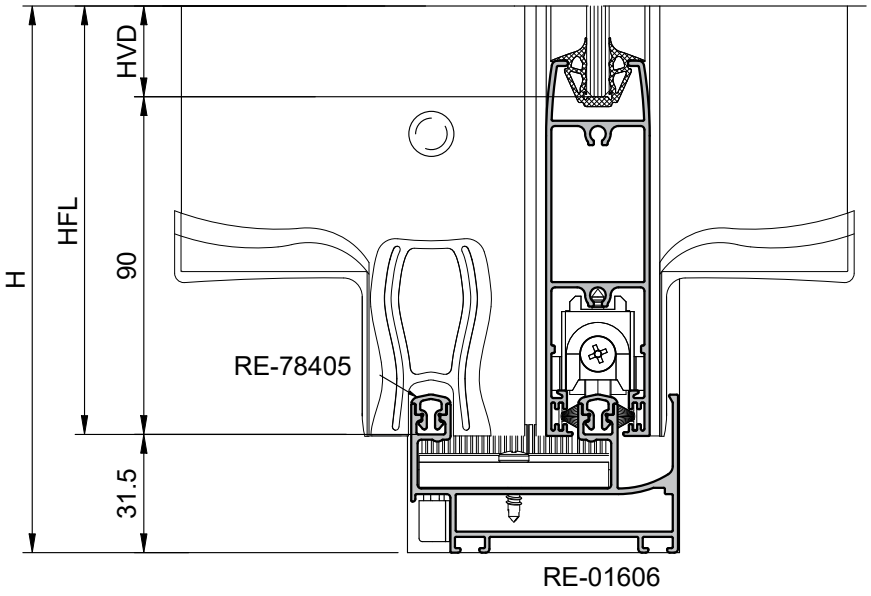


RE-01602

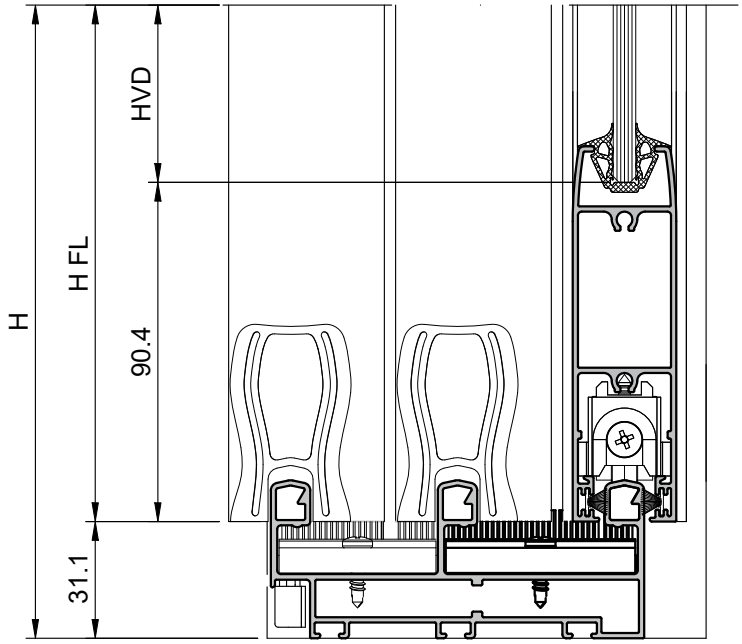


RE-01603

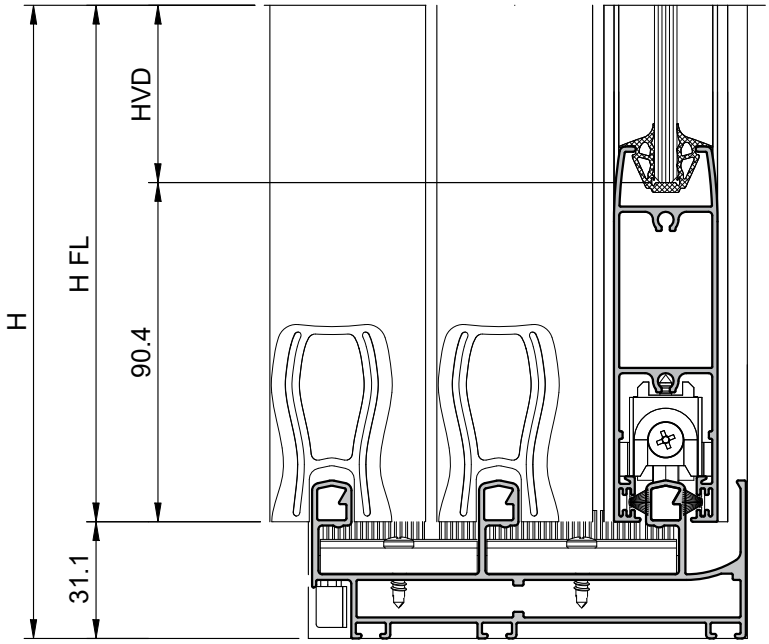
OPÇÃO DE TRILHO INFERIOR DE PORTAS 2 PLANOS



OPÇÃO DE TRILHO INFERIOR DE PORTAS 3 PLANOS

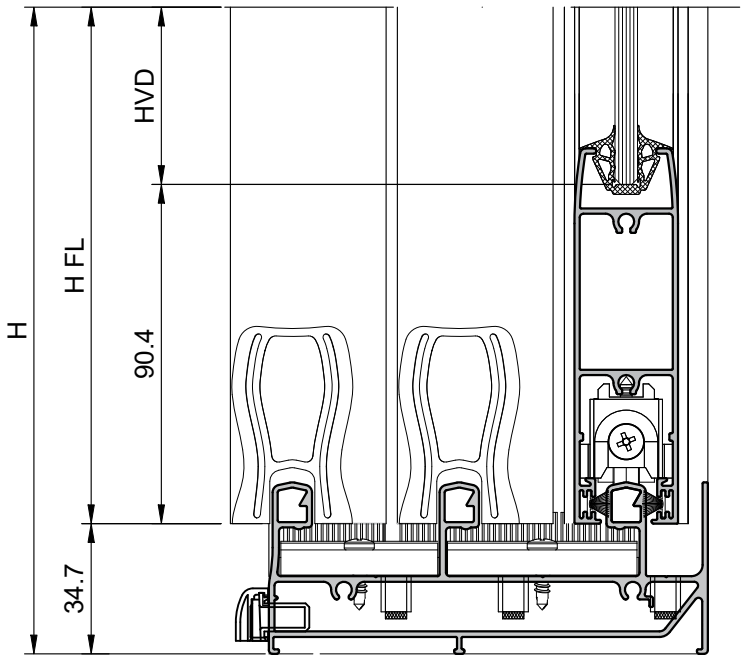


RE-01601



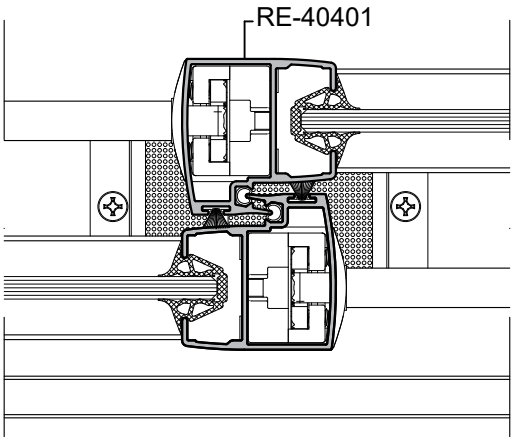
RE-01604

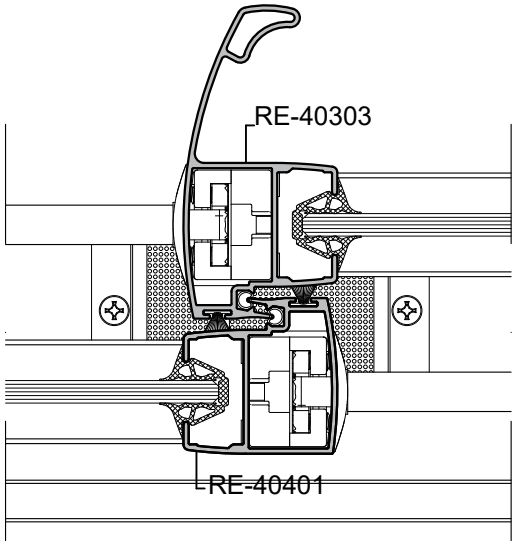
OPÇÃO DE TRILHO INFERIOR DE PORTAS 3 PLANOS

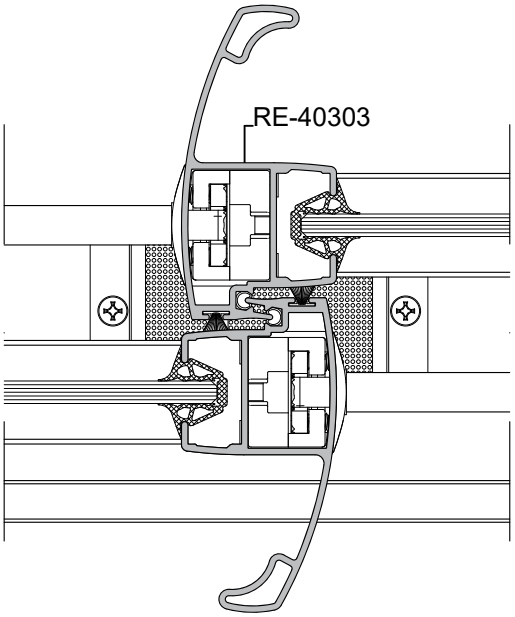


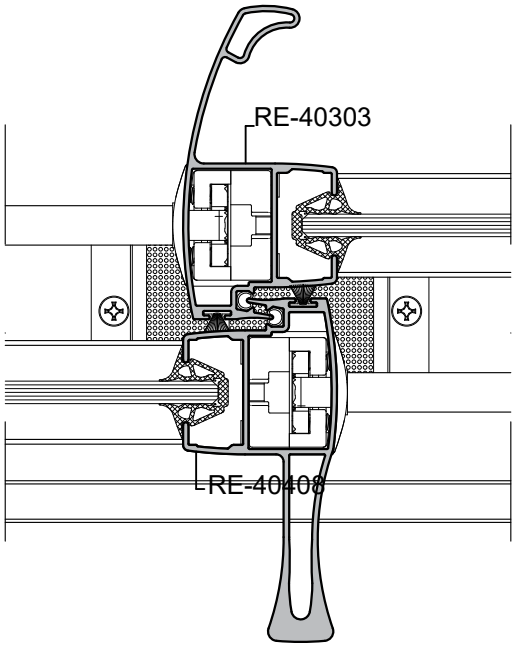
RE-01008

MÃO DE AMIGO - VEDAÇÃO COM ESCOVA COM BARREIRA PLÁSTICA

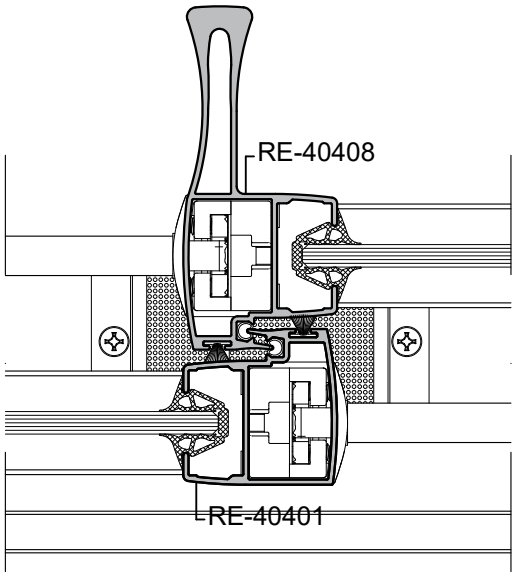


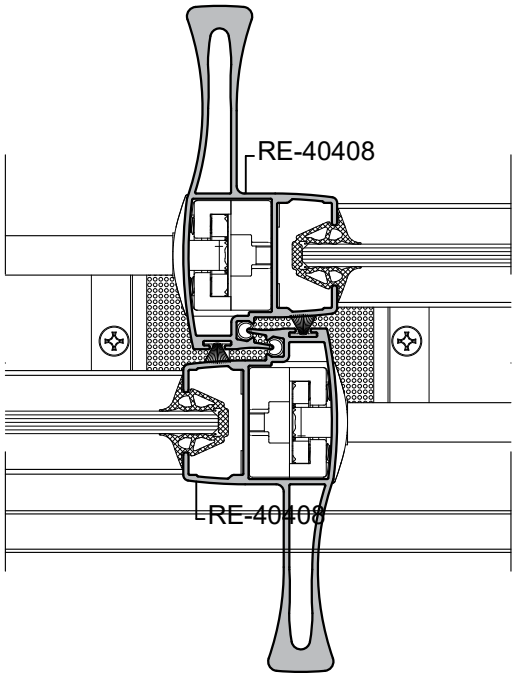




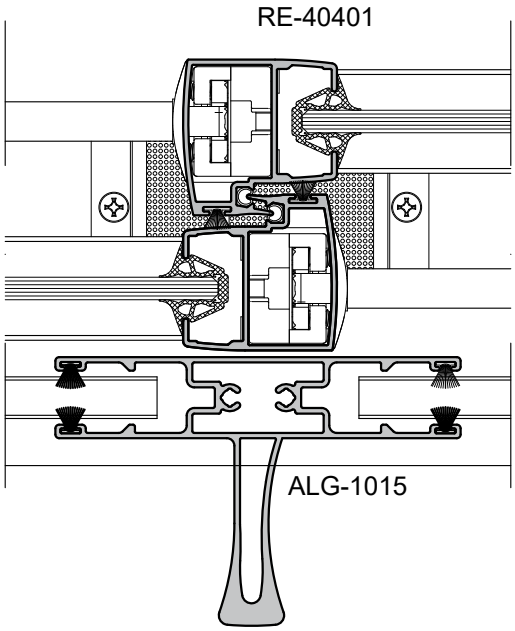


MÃO DE AMIGO - VEDAÇÃO COM ESCOVA COM BARREIRA PLÁSTICA

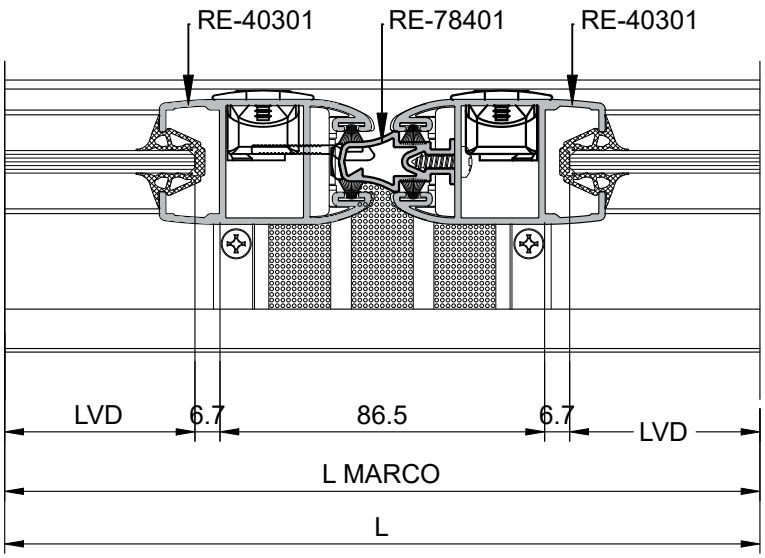


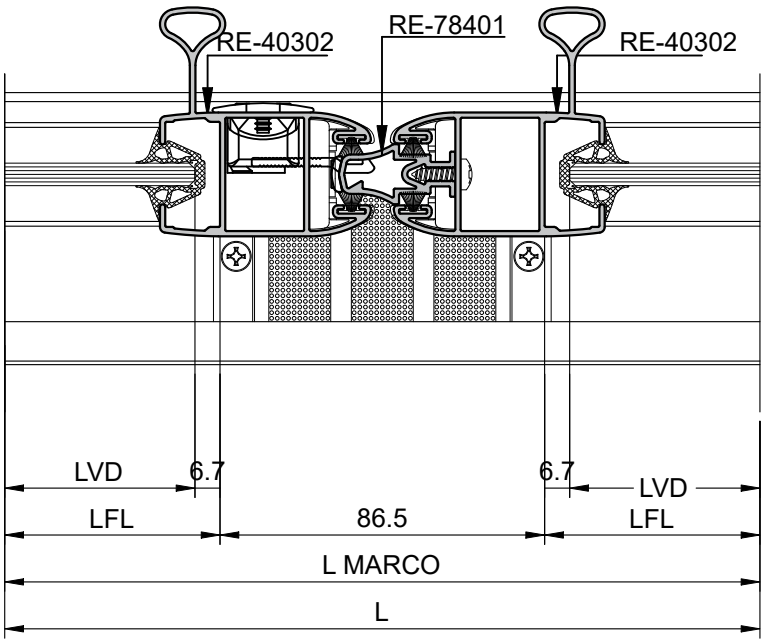


MÃO DE AMIGO - VEDAÇÃO COM ESCOVA COM BARREIRA PLÁSTICA

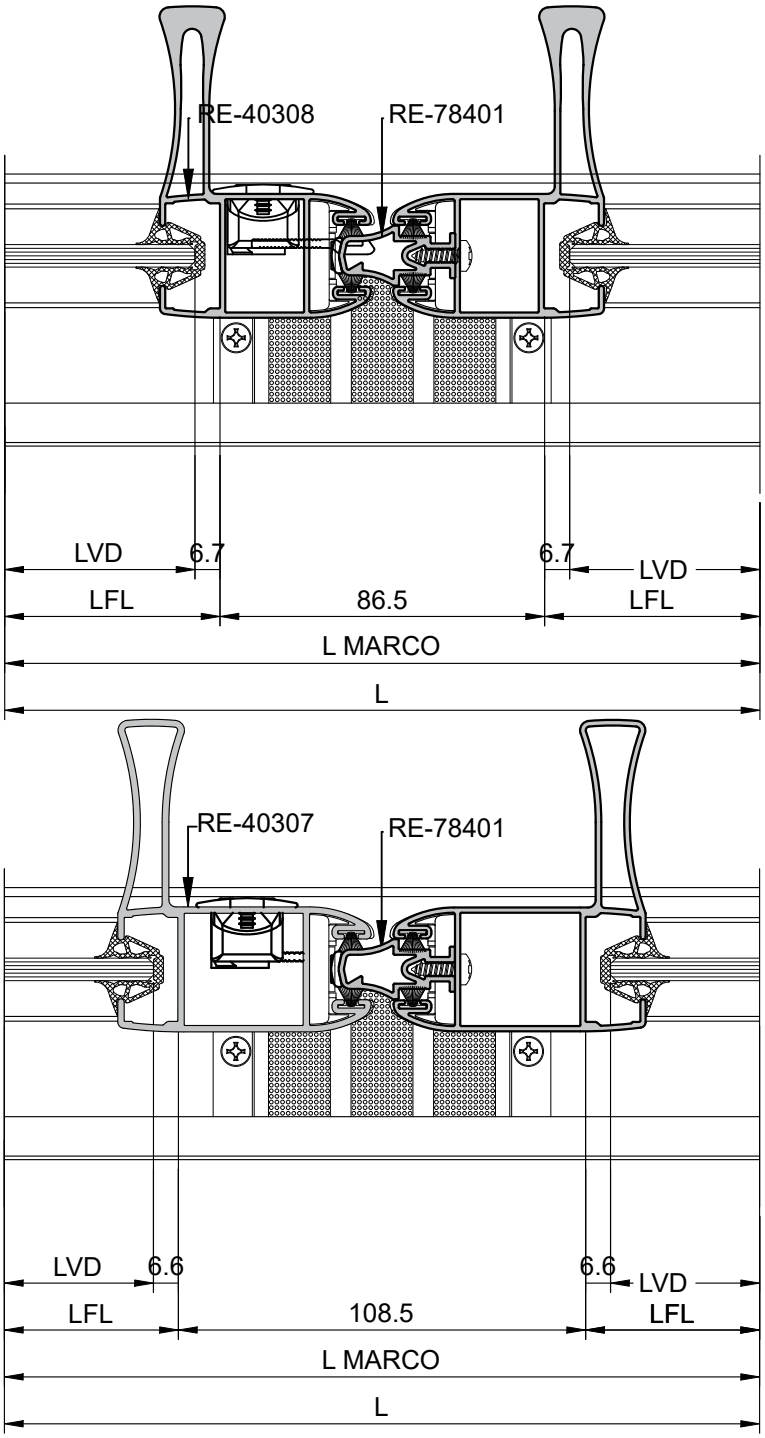


FECHAMENTO CENTRAL - VEDAÇÃO COM ESCOVA COM BARREIRA PLÁSTICA

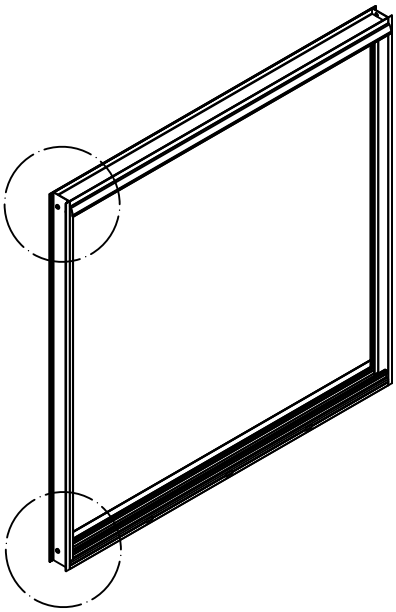


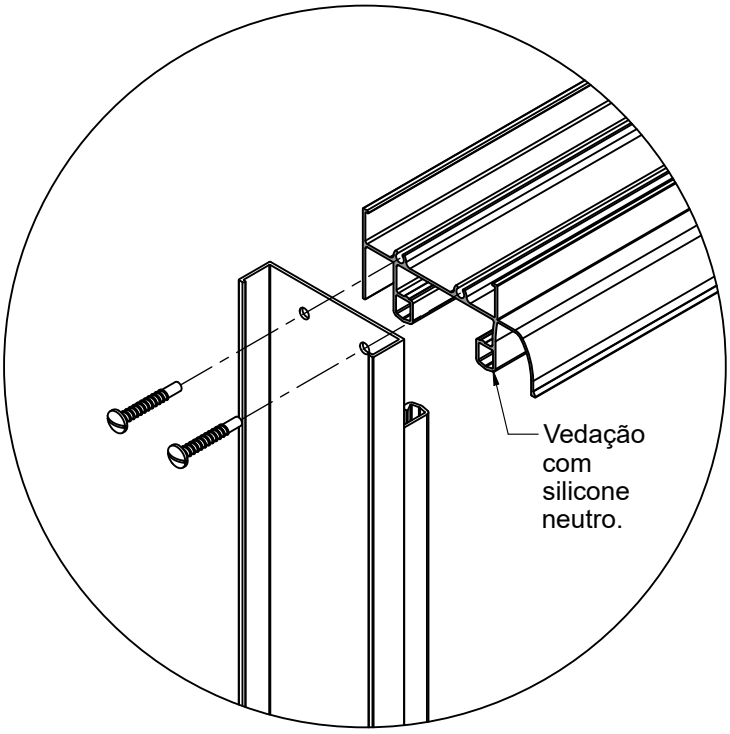


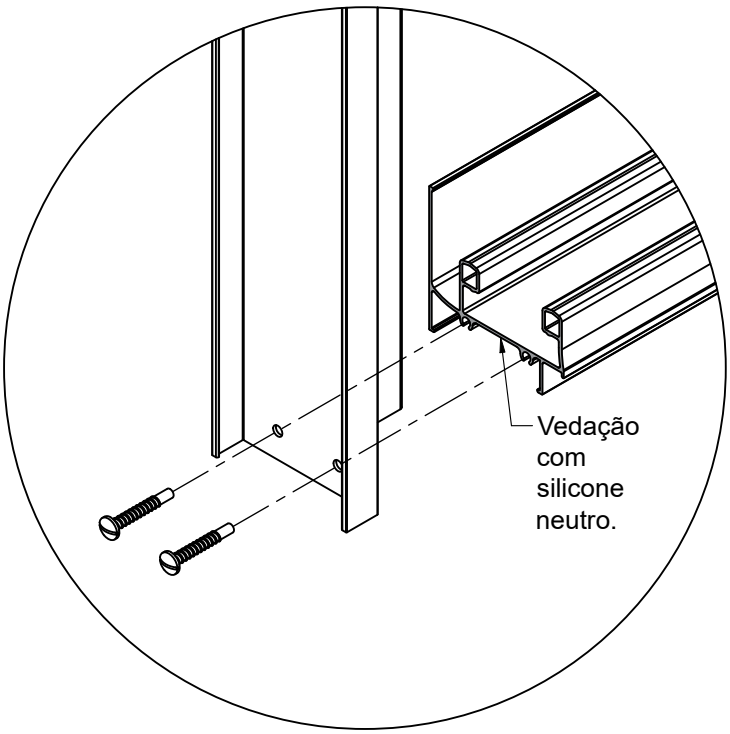
FECHAMENTO CENTRAL - VEDAÇÃO COM ESCOVA COM BARREIRA PLÁSTICA



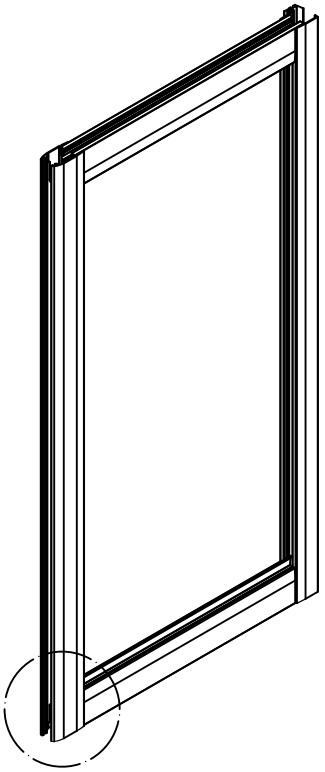
MONTAGEM DO MARCO

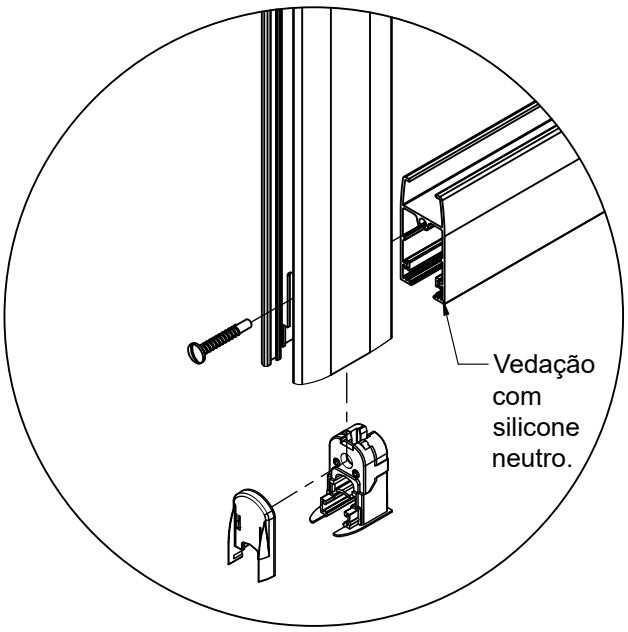


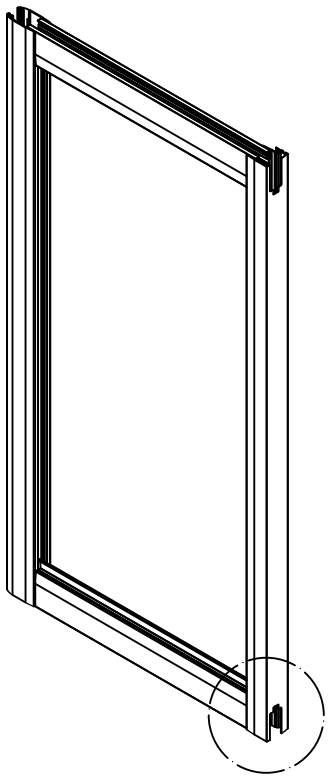


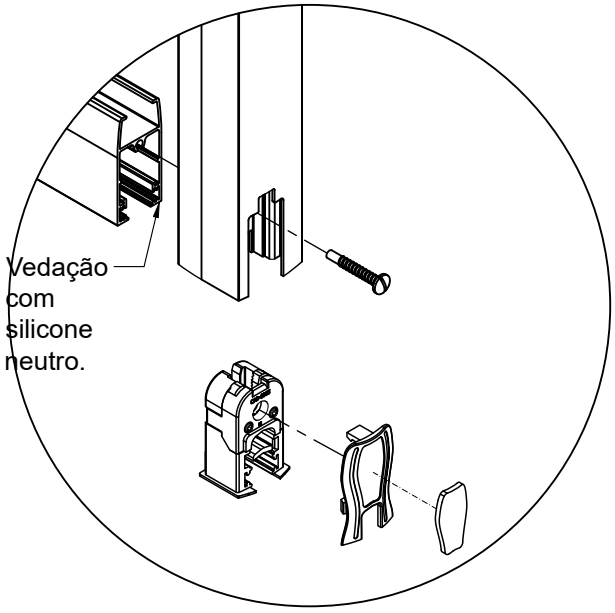


MONTAGEM DA FOLHA

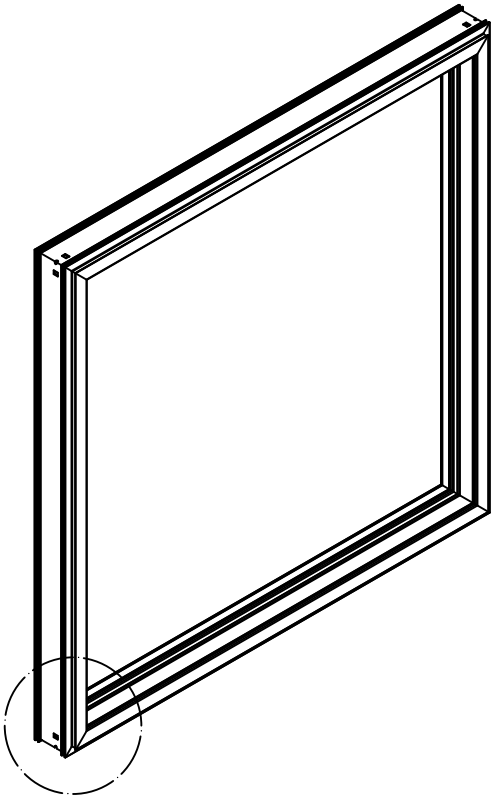


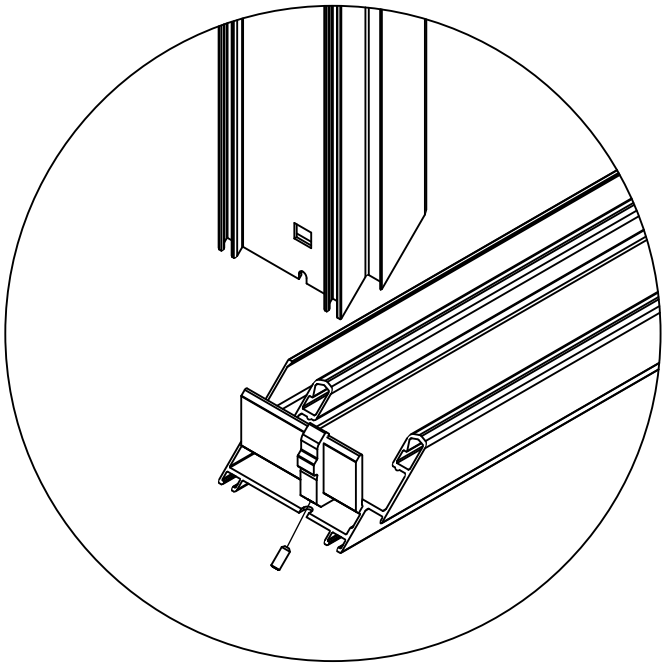




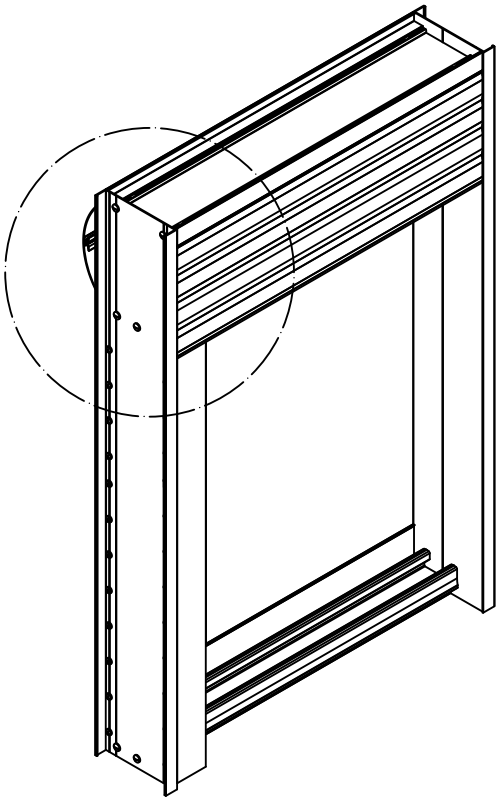


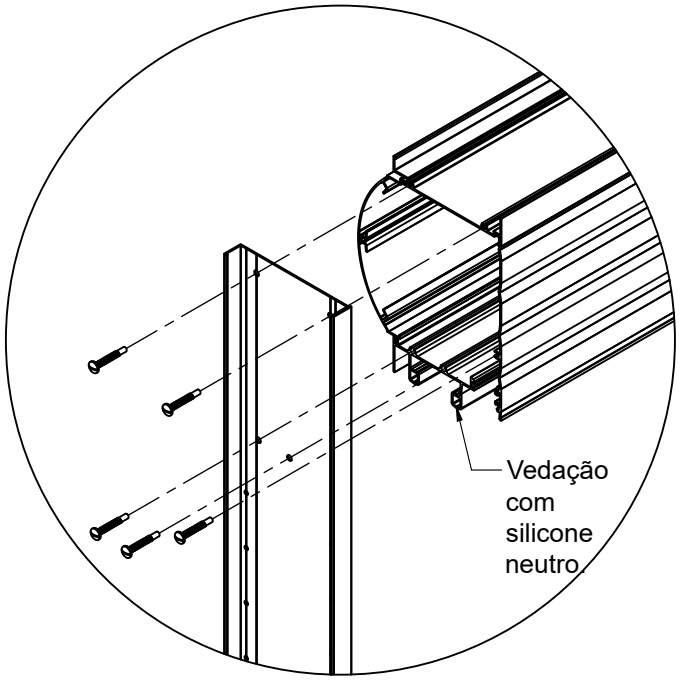
MONTAGEM DO MARCO 45º



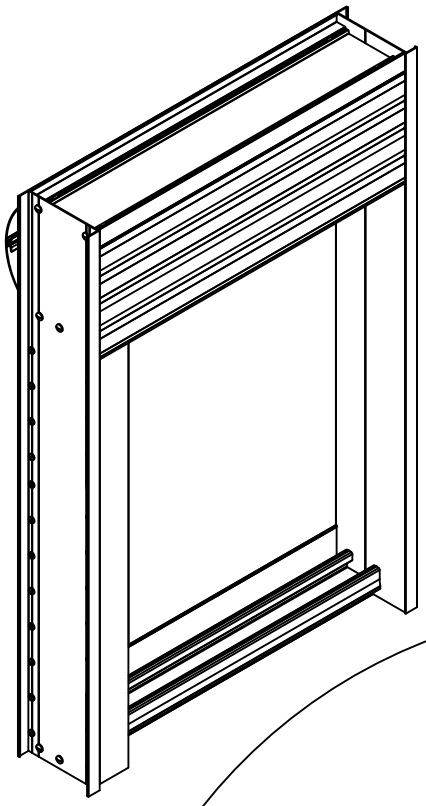


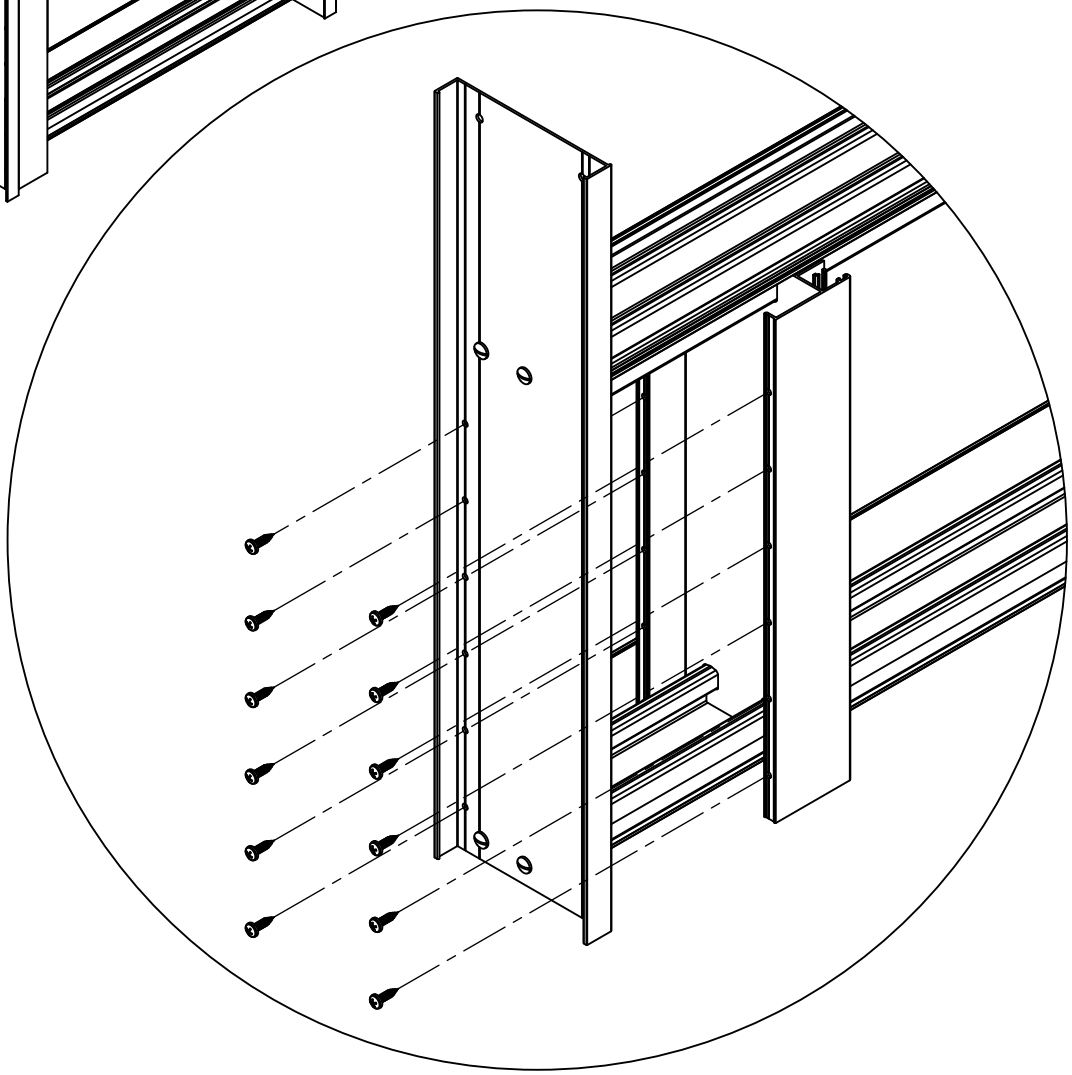
MONTAGEM DA CAIXA DA INTEGRADA





MONTAGEM DO SUPORTE DO RECOLHEDOR





7

Usinagens

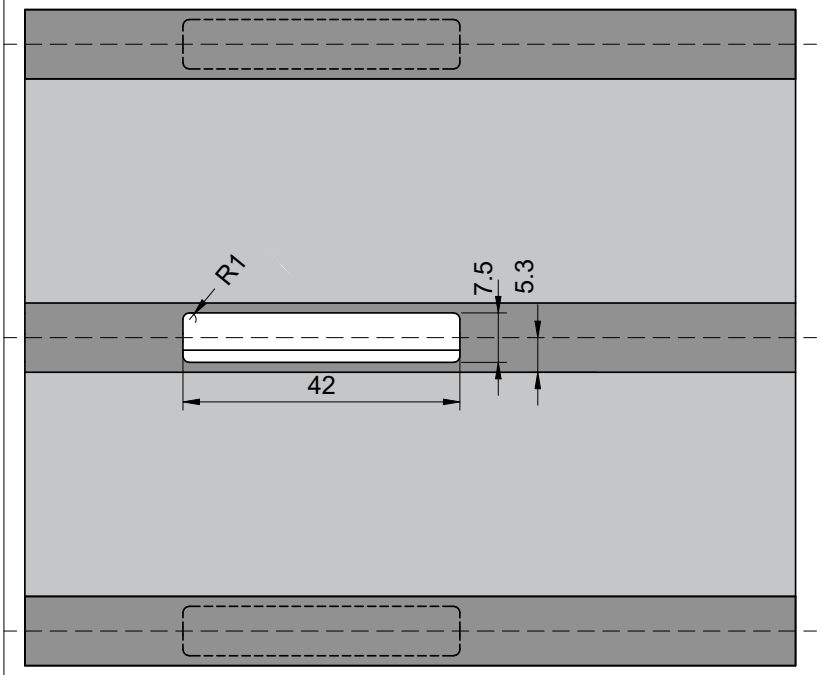
APLICAÇÕES

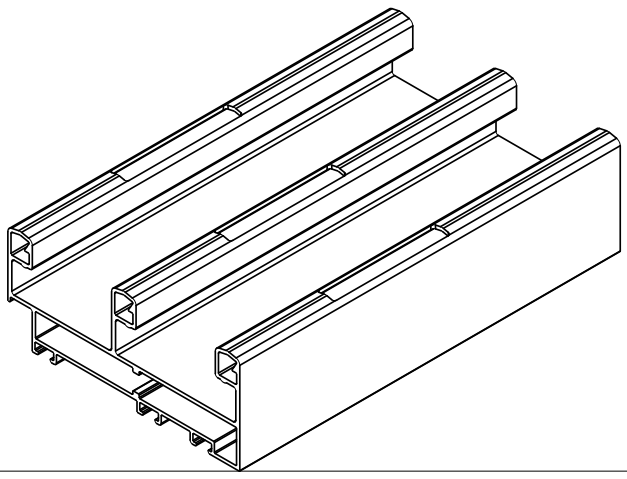
Perfil: TRAVA

USI 1

ESCALA 1:1

Usinagem da trava da folha fixa



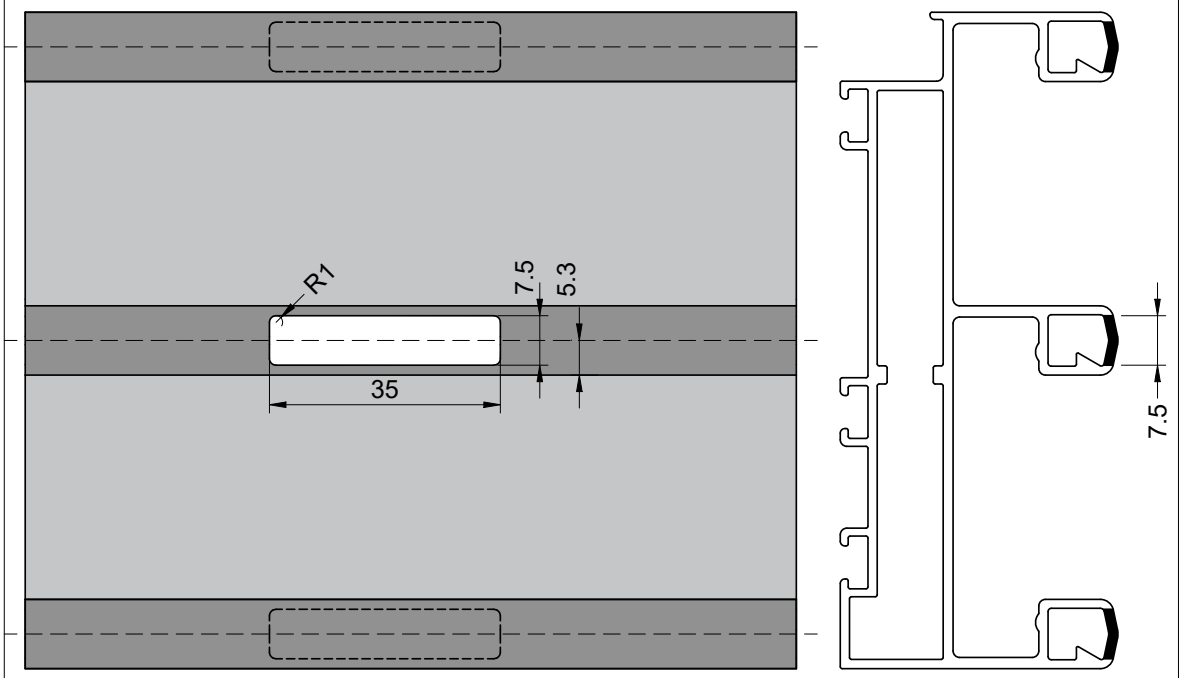


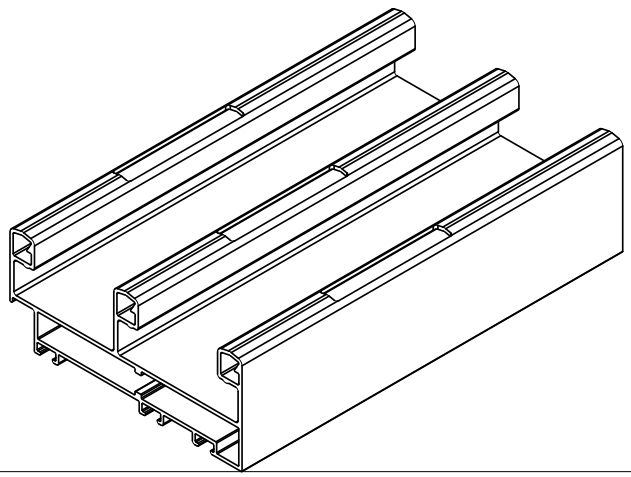
PERFIS	CROQUI
RE-01601	
RE-01602	
RE-01603	
RE-01604	
RE-01605	
RE-78301	
RE-78401	

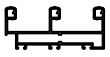
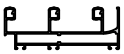
Perfil: CONTRAFECHO

USI 2

ESCALA 1:1
Usinagem do contra fecho





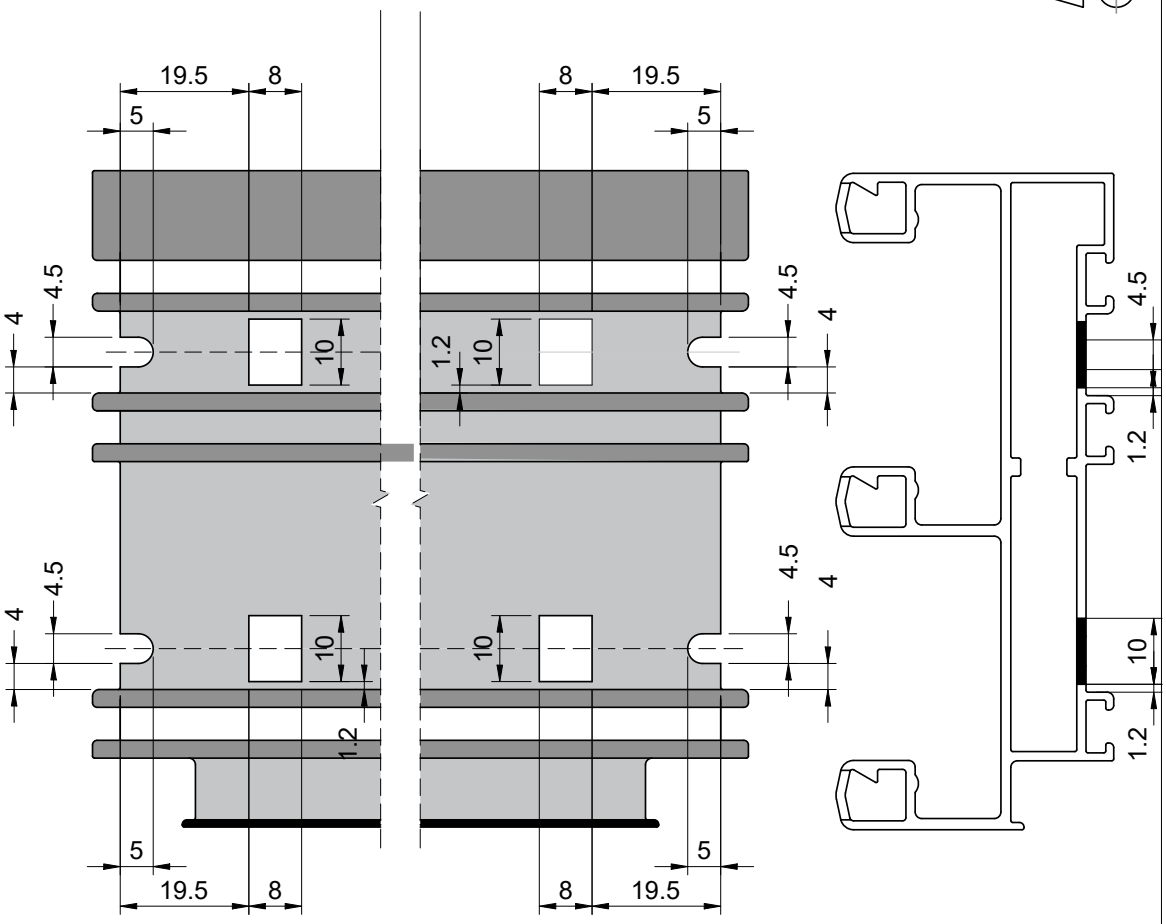
PERFIS	CROQUI
RE-01601	
RE-01602	
RE-01603	
RE-01604	
RE-01605	
RE-78301	
RE-78401	

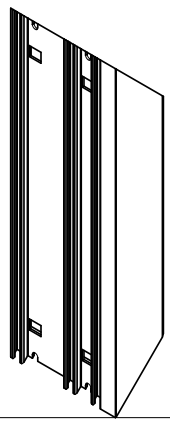
Perfil: CONEXÃO

USI 3

ESCALA 1:1

Usinagem do macho de conexão





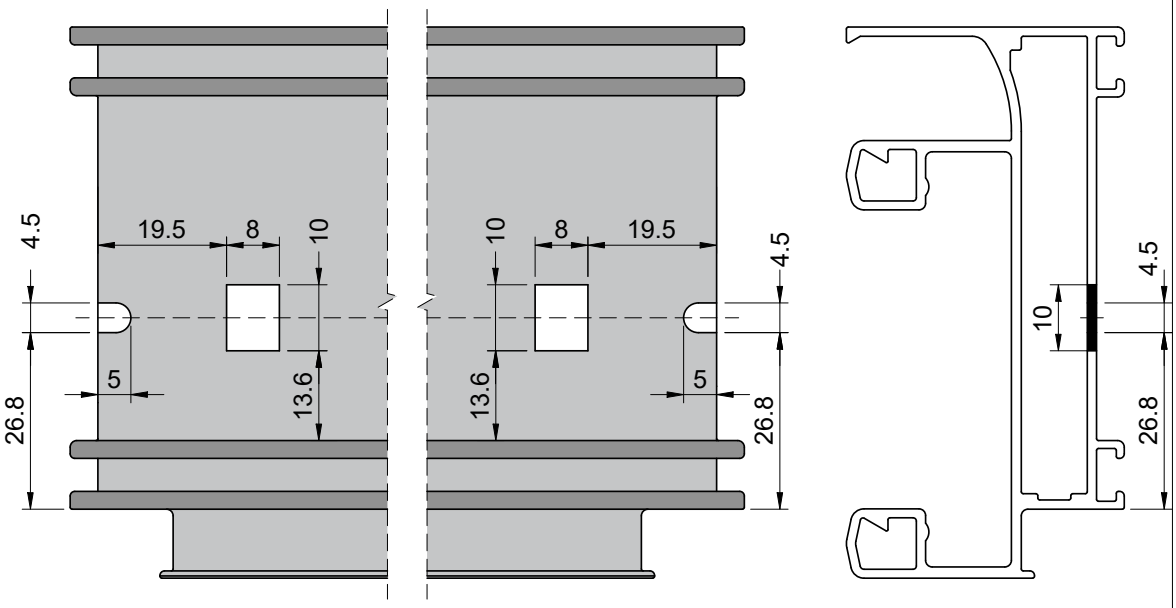
PERFIS	CROQUI
RE-01601	
RE-01604	

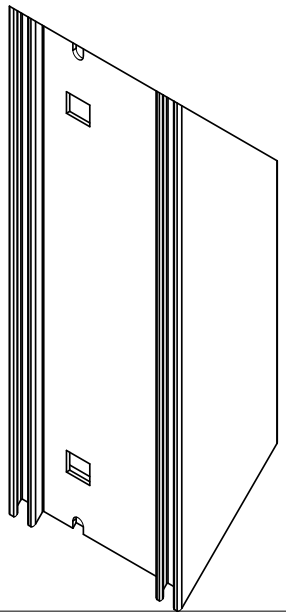
Perfil: CONEXÃO

USI 4

ESCALA 1:1

Usinagem do macho de conexão



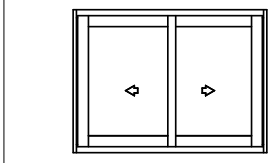


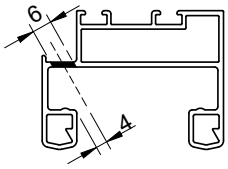
PERFIS	CROQUI
RE-01605	

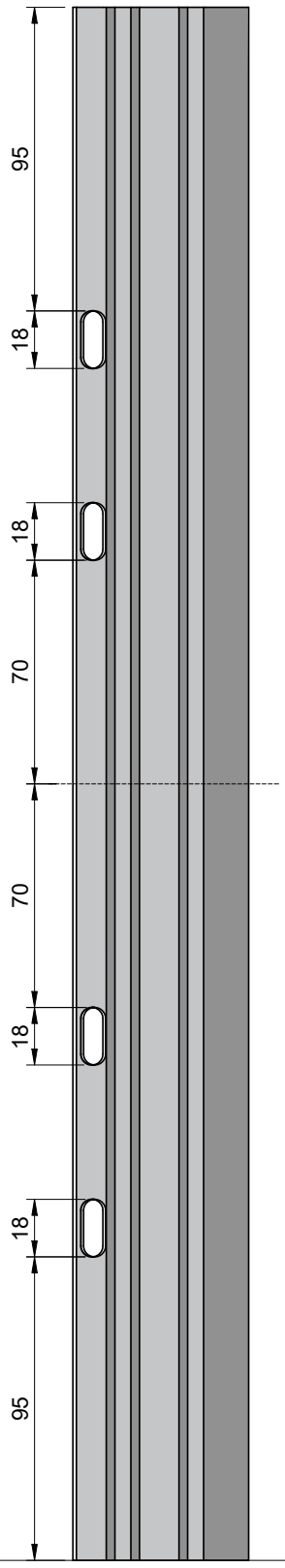
Perfil: DRENO

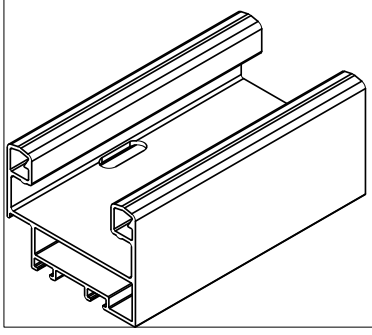
USI 5

ESCALA 1:2
Usinagem da trava da folha fixa









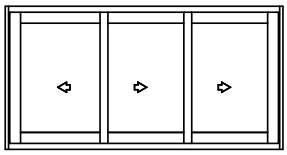
PERFIS	CROQUI
RE-01602	

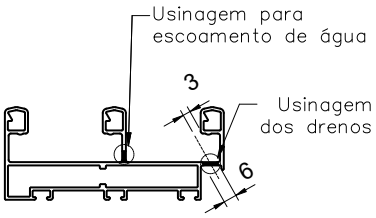
Perfil: DRENO

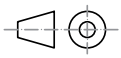
USI 6

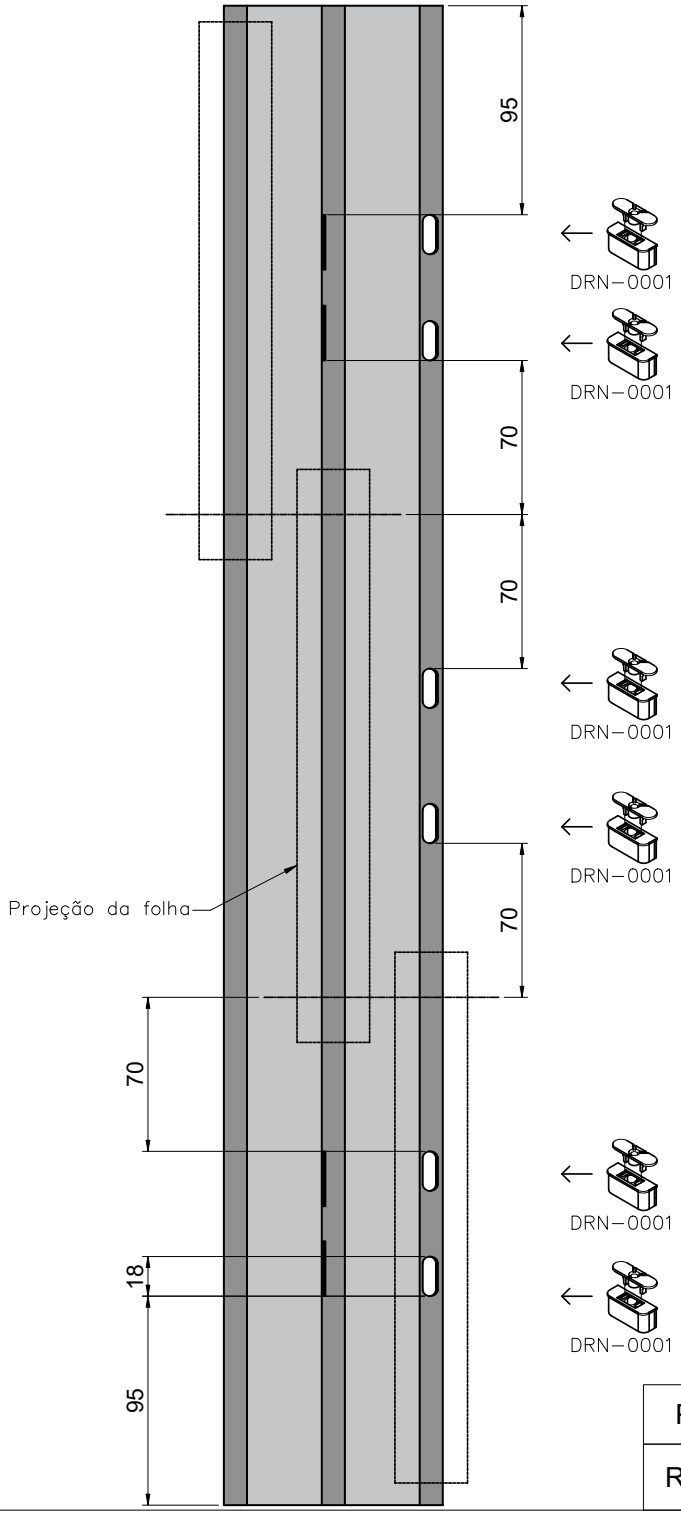
ESCALA 1:3

Usinagens dreno e escoamento









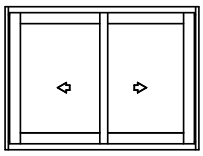
PERFIS	CROQUI
RE-01601	

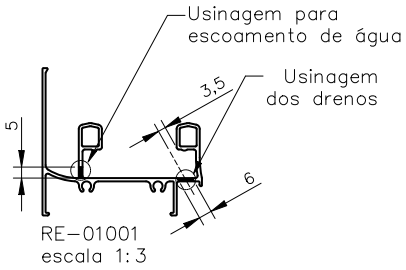
Perfil: DRENO

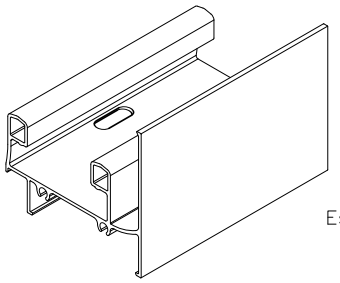
USI 7

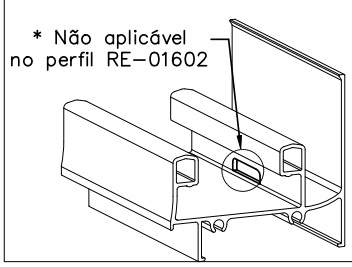
ESCALA 1:3

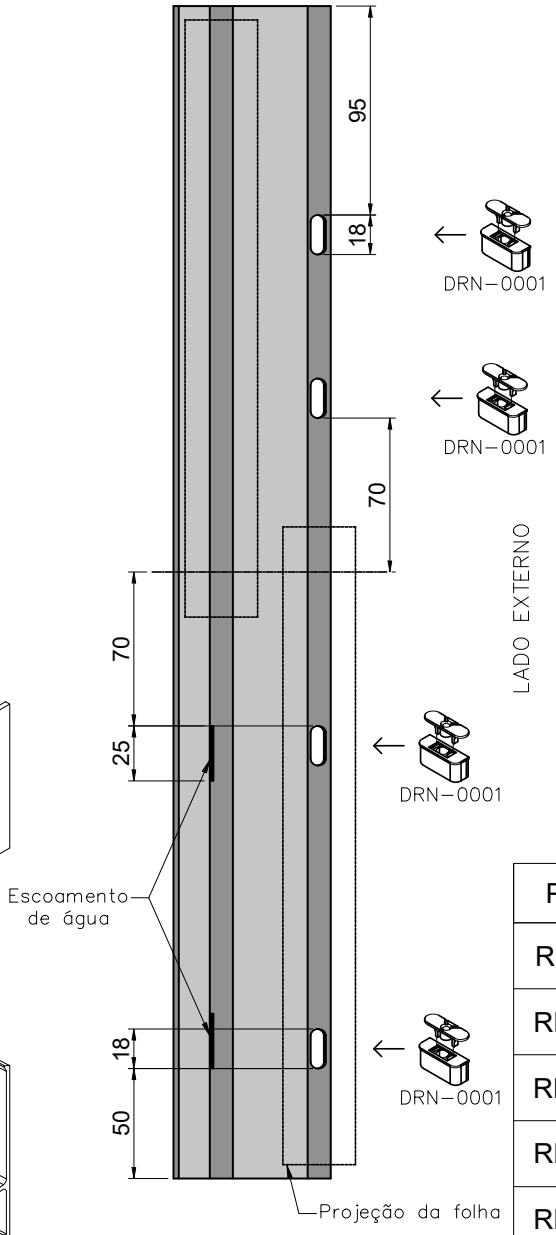
Usinagens dreno e escoamento











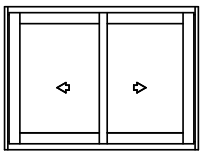
PERFIS	CROQUI
RE-01001	
RE-01603	
RE-01605	
RE-01004	
RE-33104	

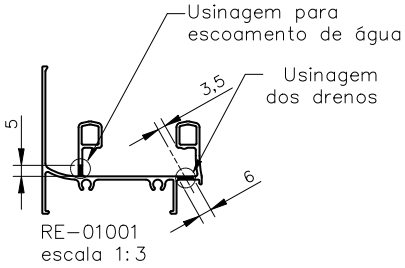
Perfil: DRENO

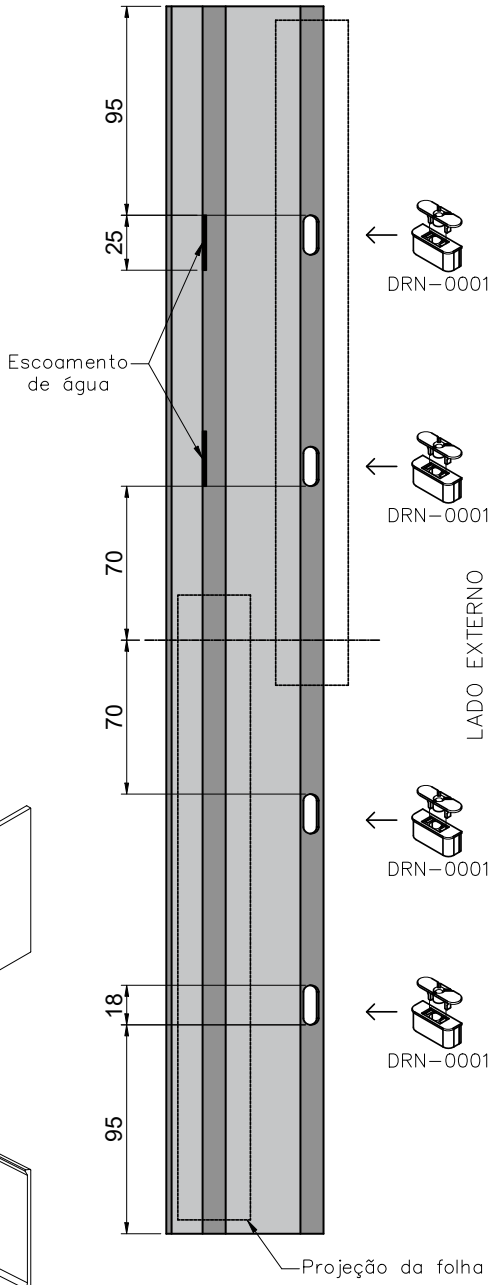
USI 8

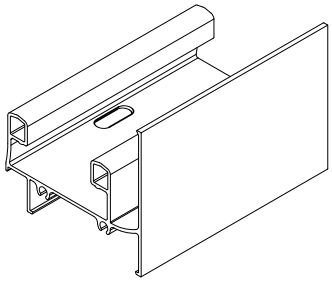
ESCALA 1:3

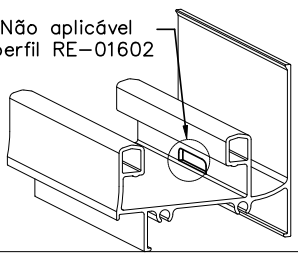
Usinagens dreno e escoamento









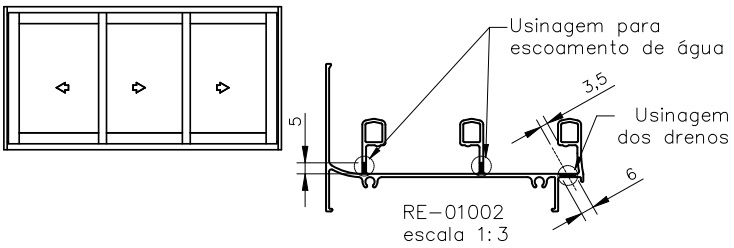


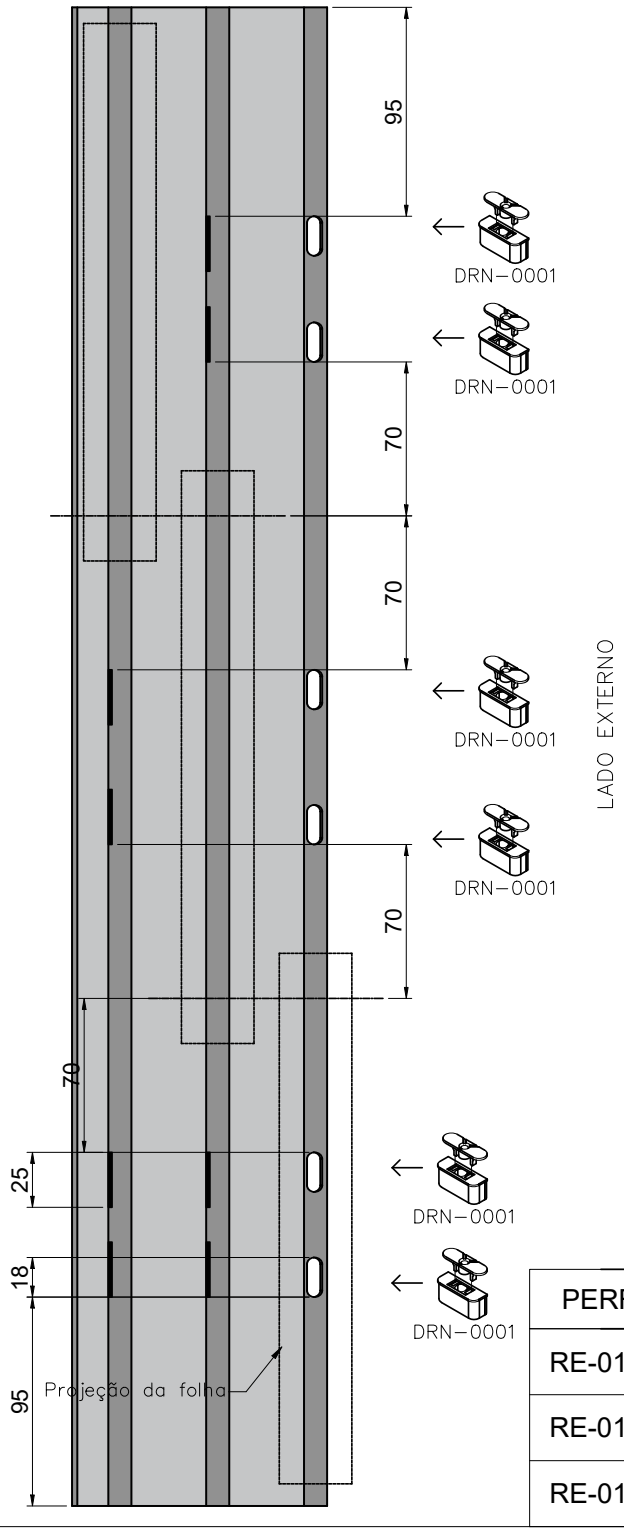
PERFIS	CROQUI
RE-01001	
RE-01603	
RE-01605	
RE-01004	
RE-33104	

Perfil: DRENO

USI 9

ESCALA 1:3
Usinagens dreno e escoamento



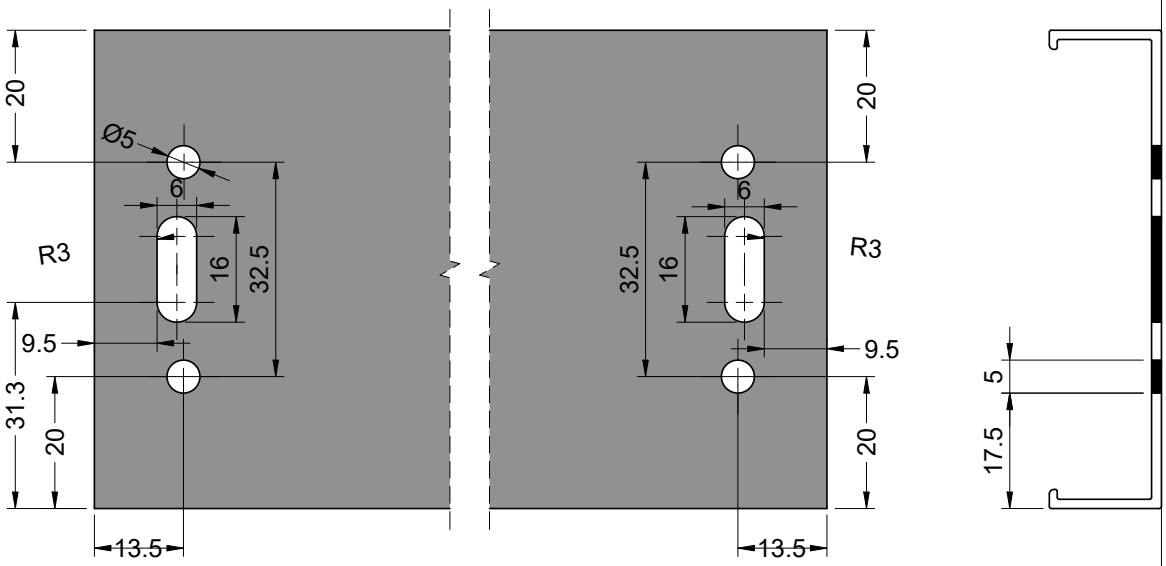


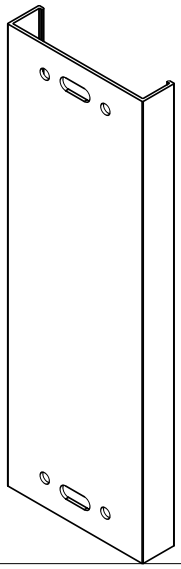
PERFIS	CROQUI
RE-01002	
RE-01003	
RE-01604	

Perfil: CONEXÃO

USI 10

ESCALA 1:1
Usinagem Fixação do Trilho



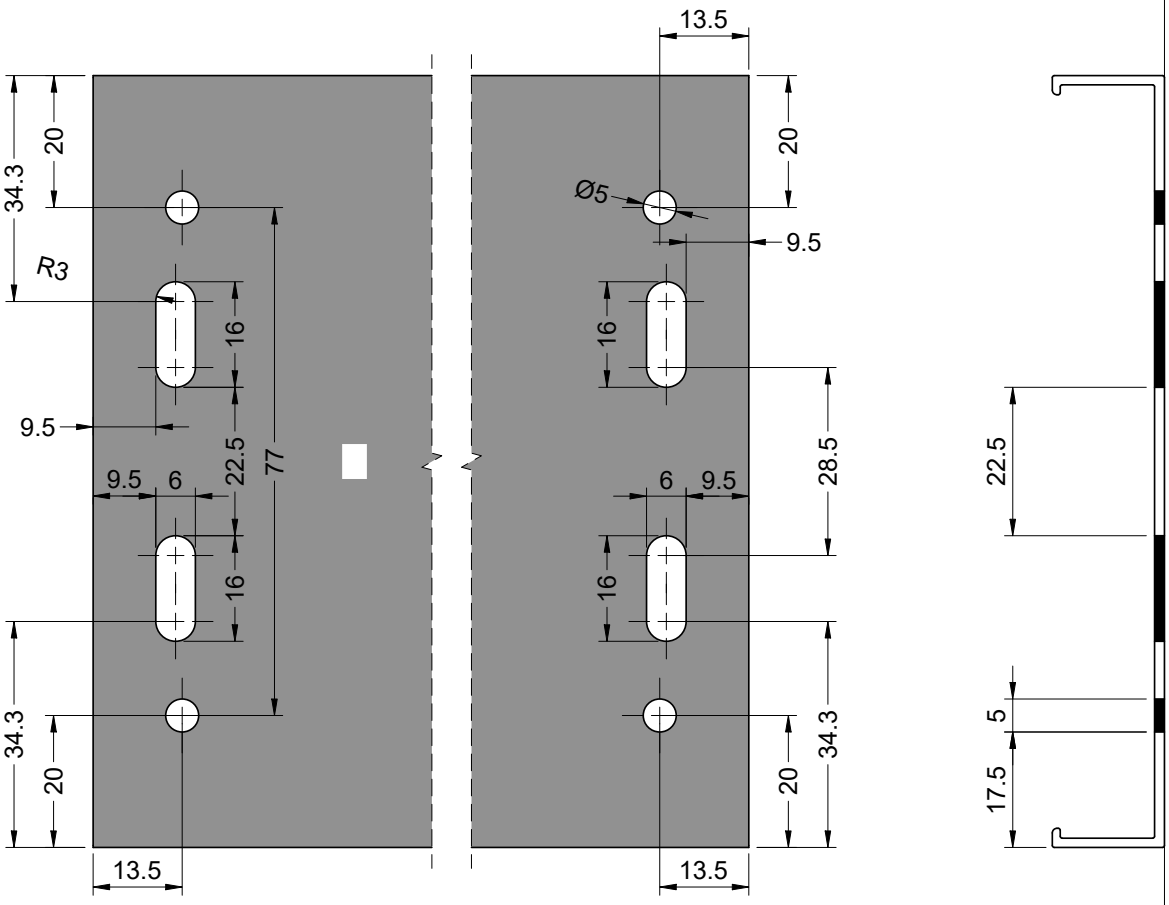


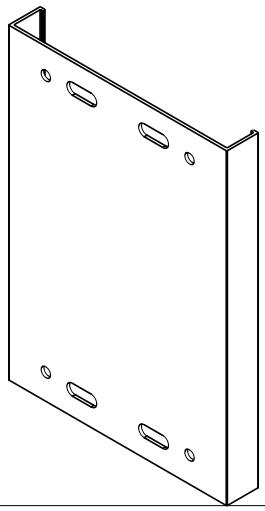
PERFIS	CROQUI
RE-01301	

Perfil: CONEXÃO

USI 11

ESCALA 1:1
Usinagem Fixação do Trilho





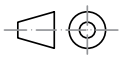
PERFIS	CROQUI
RE-01302	

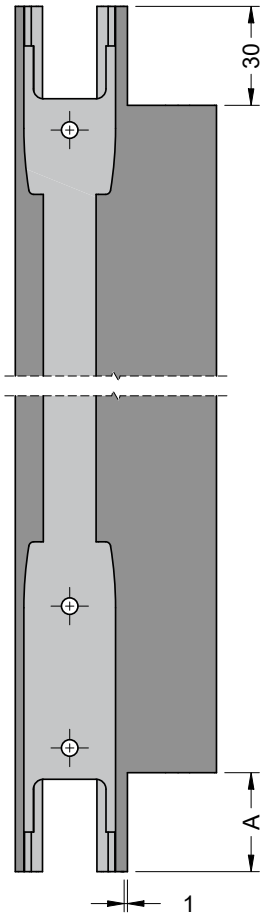
Medida "A"		
	Lado interno	Lado externo
Porta	30 mm	30 mm
Janela	44 mm	30 mm

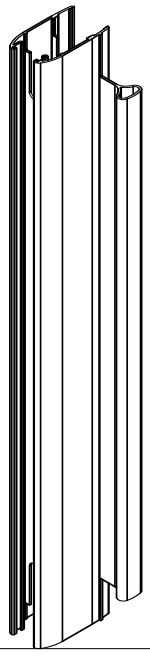
Perfil: TAMPA

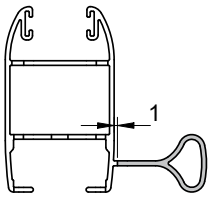
USI 12

ESCALA 1:2
Usinagem da tampa







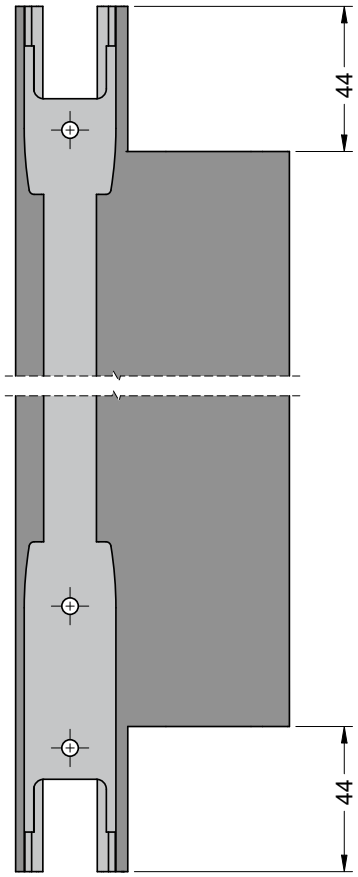


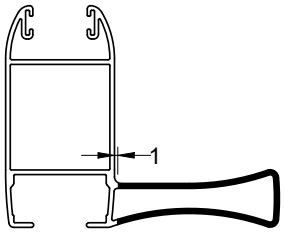
PERFIS	CROQUI
RE-40302	
RE-40303	

Perfil: TAMPA

USI 13

ESCALA 1:2
Usinagem da tampa



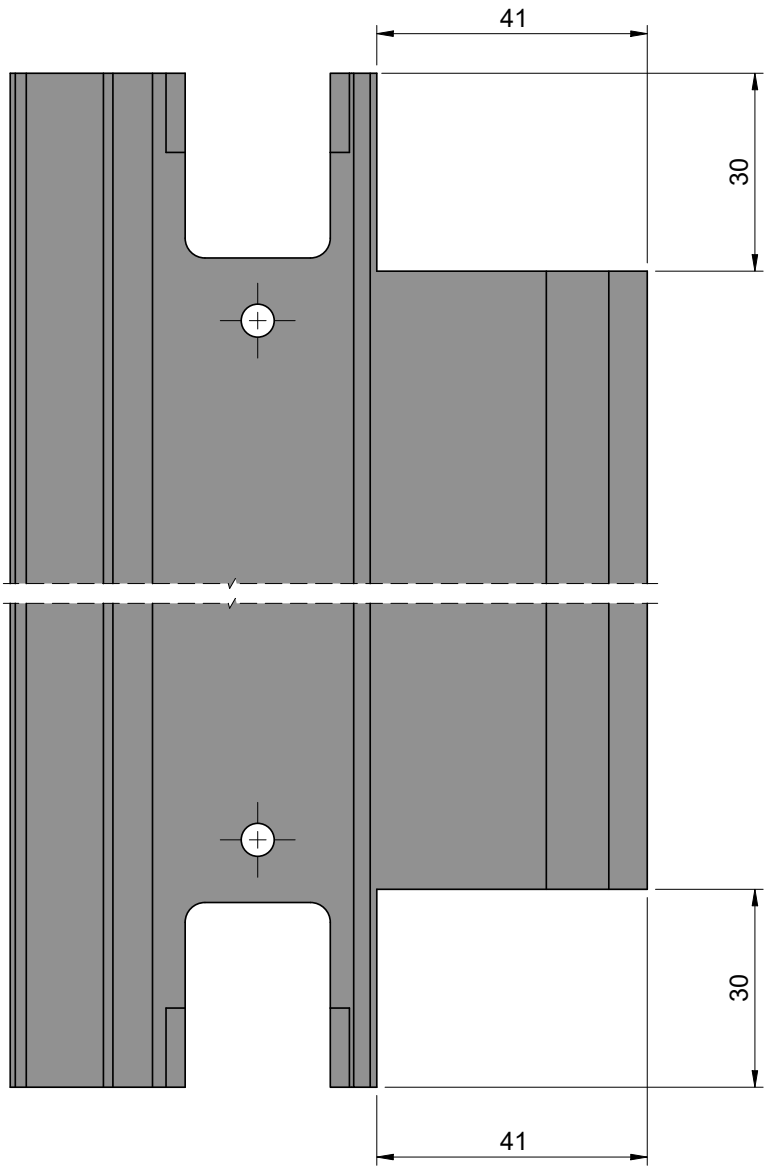


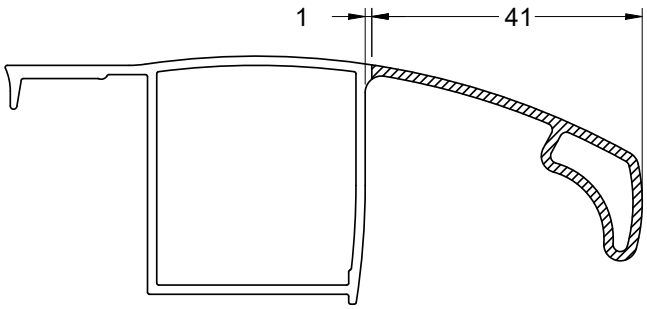
PERFIS	CROQUI
RE-40609	
RE-40608	
RE-40603	
RE-40488	
RE-40377	
RE-40408	
RE-33308	
RE-40308	
RE-40307	

Perfil: TAMPA

USI 14

ESCALA 1:1
Usinagem tampa de montante



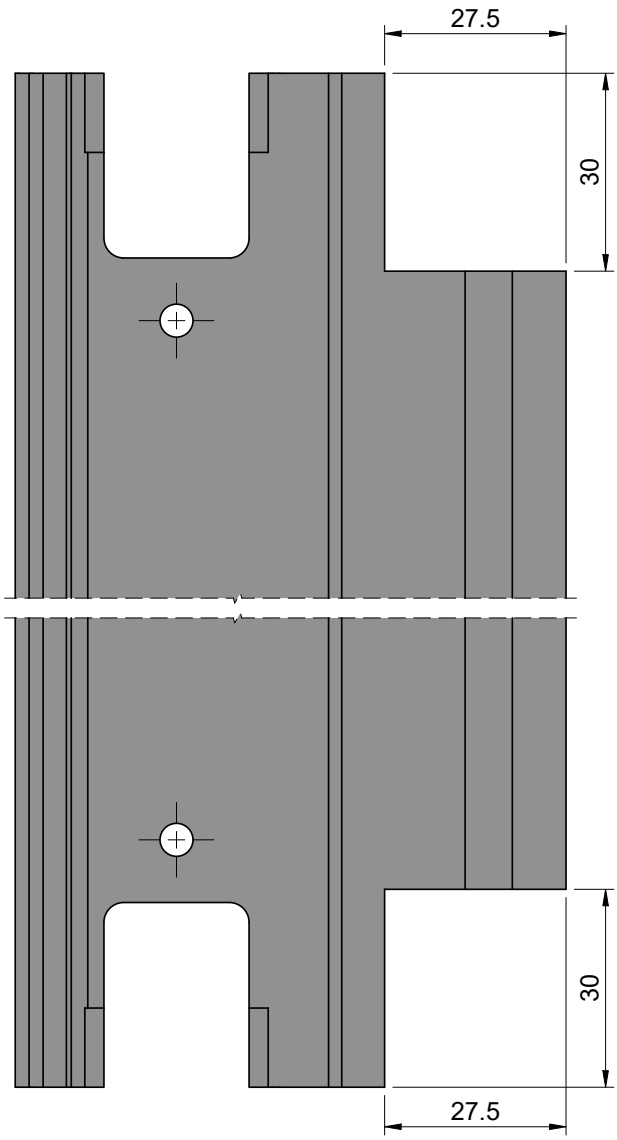


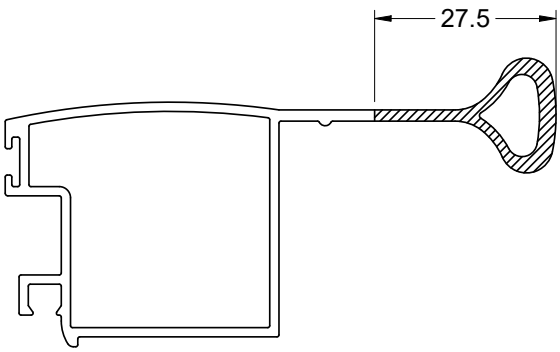
PERFIS	CROQUI
RE-40402	

Perfil: TAMPA

USI 15

ESCALA 1:1
Usinagem tampa de montante



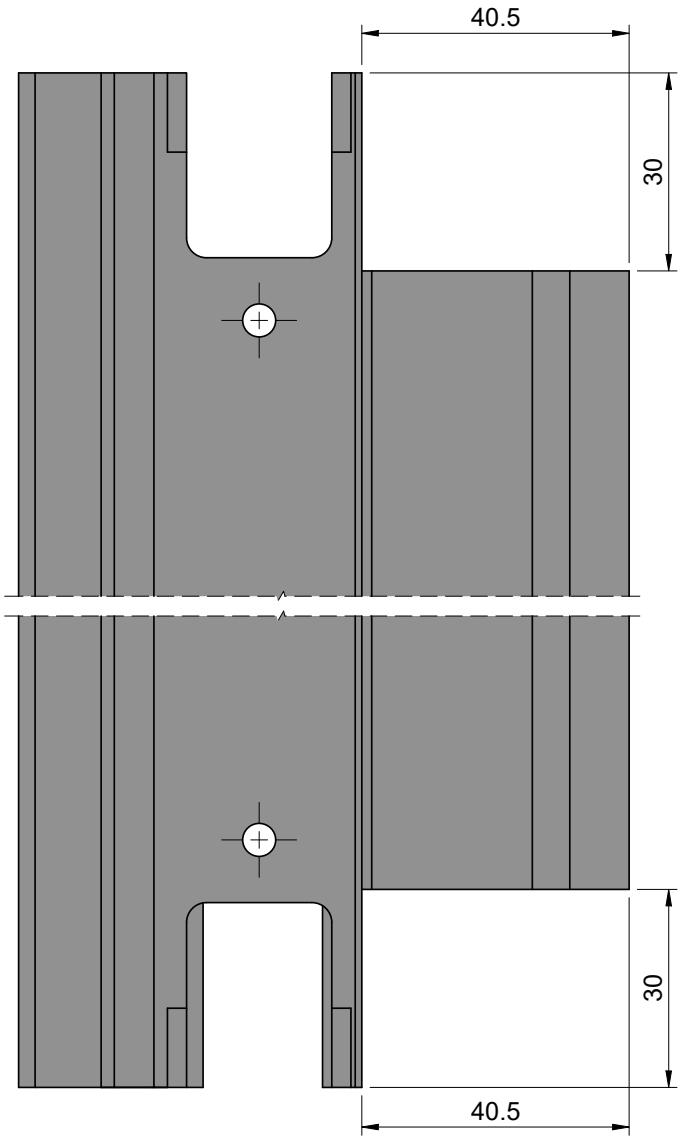


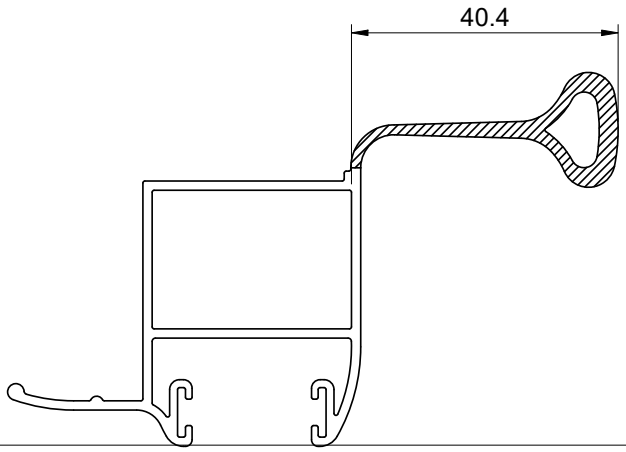
PERFIS	CROQUI
RE-40304	

Perfil: TAMPA

USI 16

ESCALA 1:1
Usinagem tampa de montante





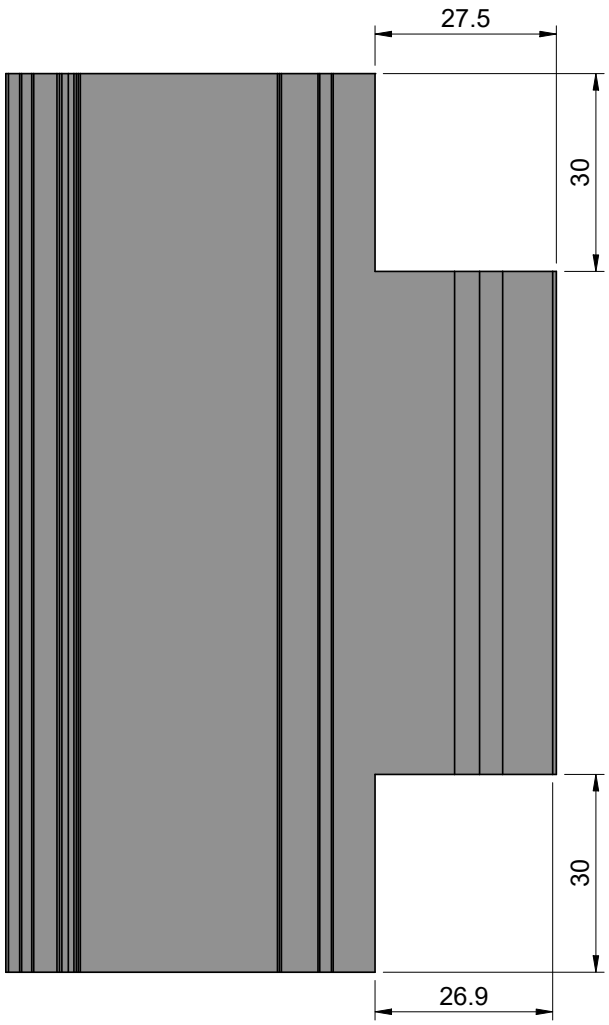
PERFIS	CROQUI
RE-01605	

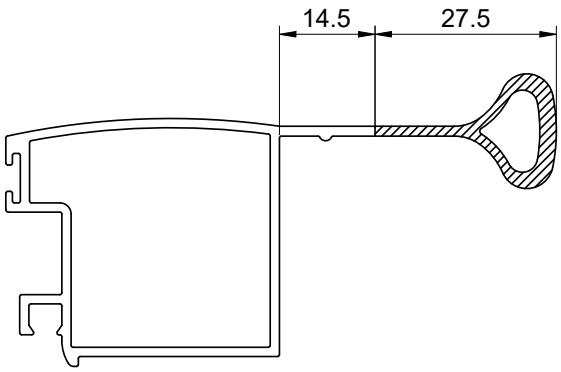
Perfil: TAMPA

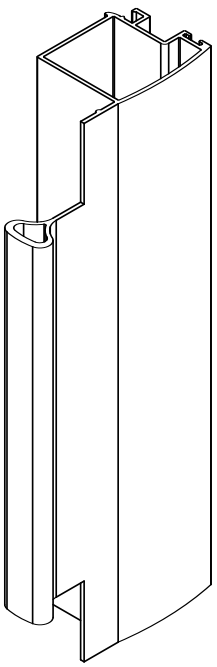
USI 17

ESCALA 1:1

Usinagem tampa de montante







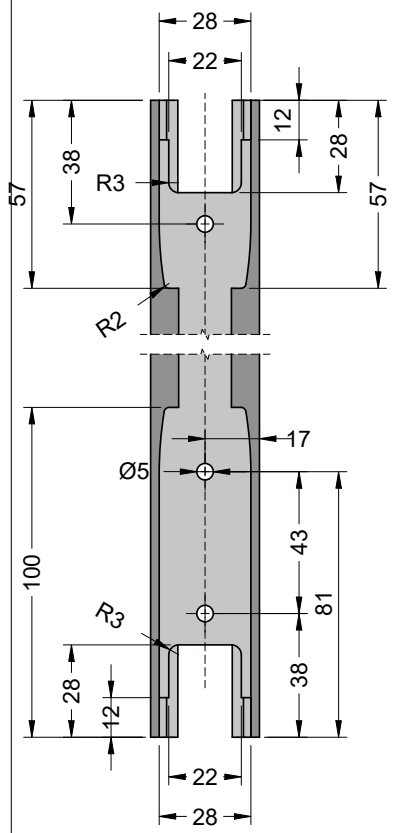
PERFIS	CROQUI
RE-01605	

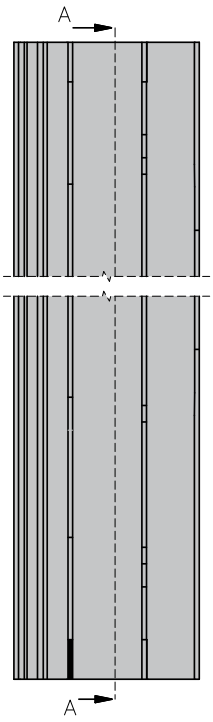
Perfil: GUIA LATERAL

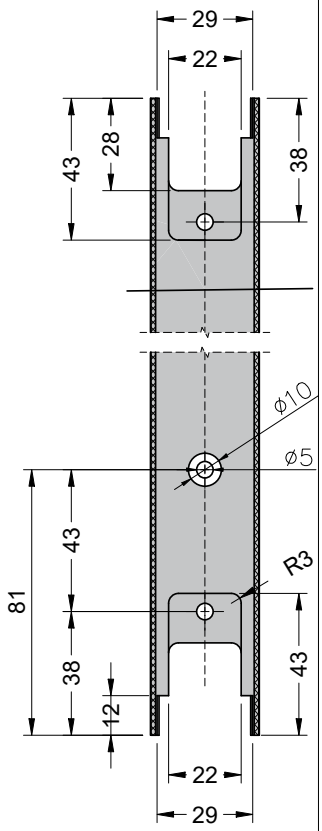
USI 18

ESCALA 1:2

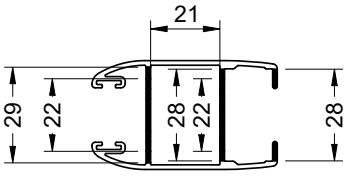
Usinagem Calço Guia Lateral

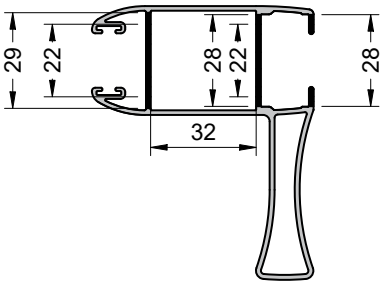


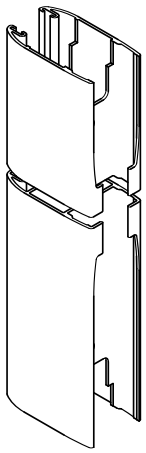




Corte A–A







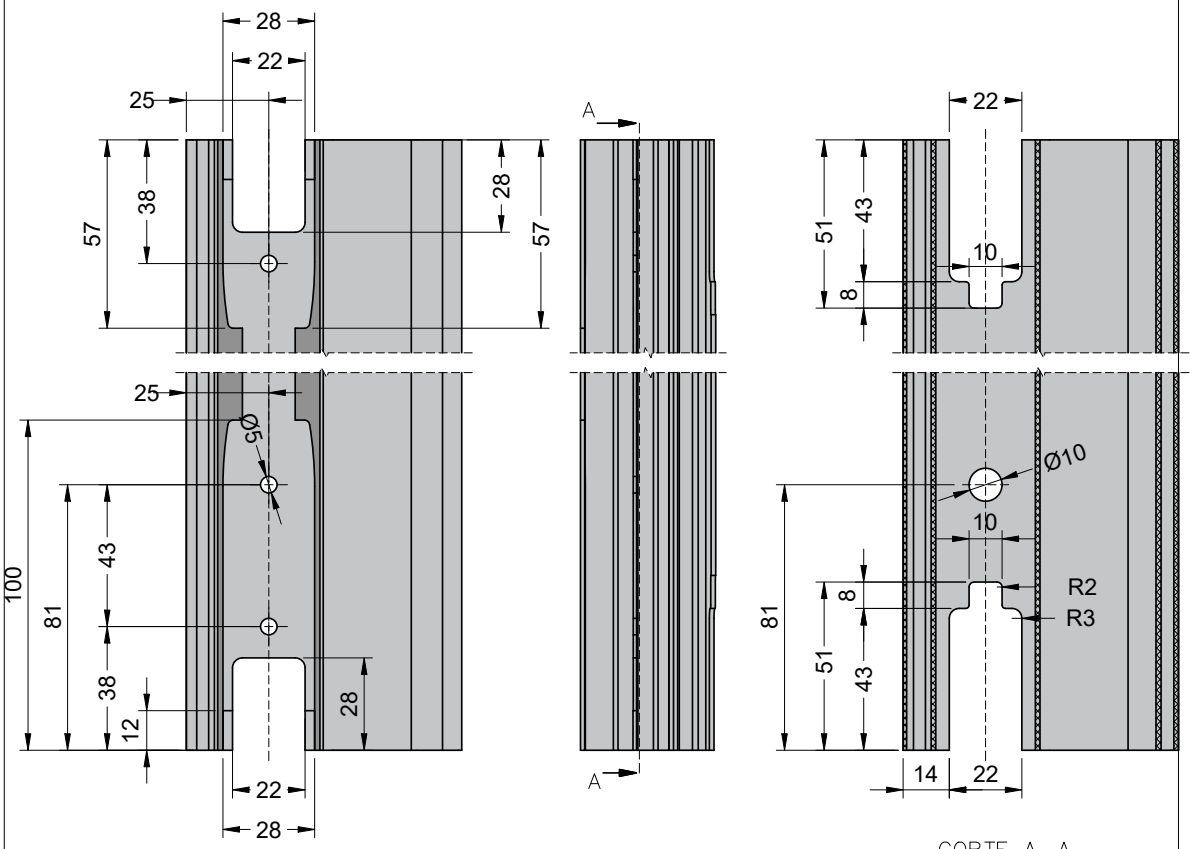
PERFIS	CROQUI
RE-40301	
RE-40302	
RE-40307	
RE-40308	

Perfil: GUIA MÃO DE AMIGO

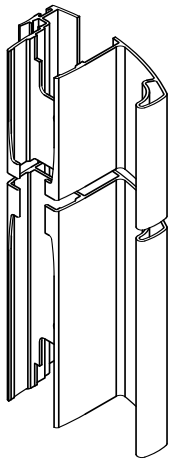
USI 19

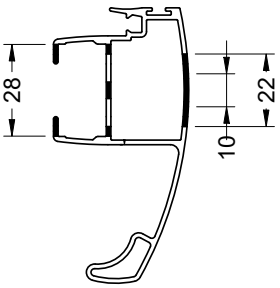
ESCALA 1:2

Usinagem Calço Guia Mão de Amigo



CORTE A–A





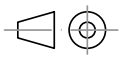
PERFIS	CROQUI
RE-40303	
RE-40401	
RE-40408	

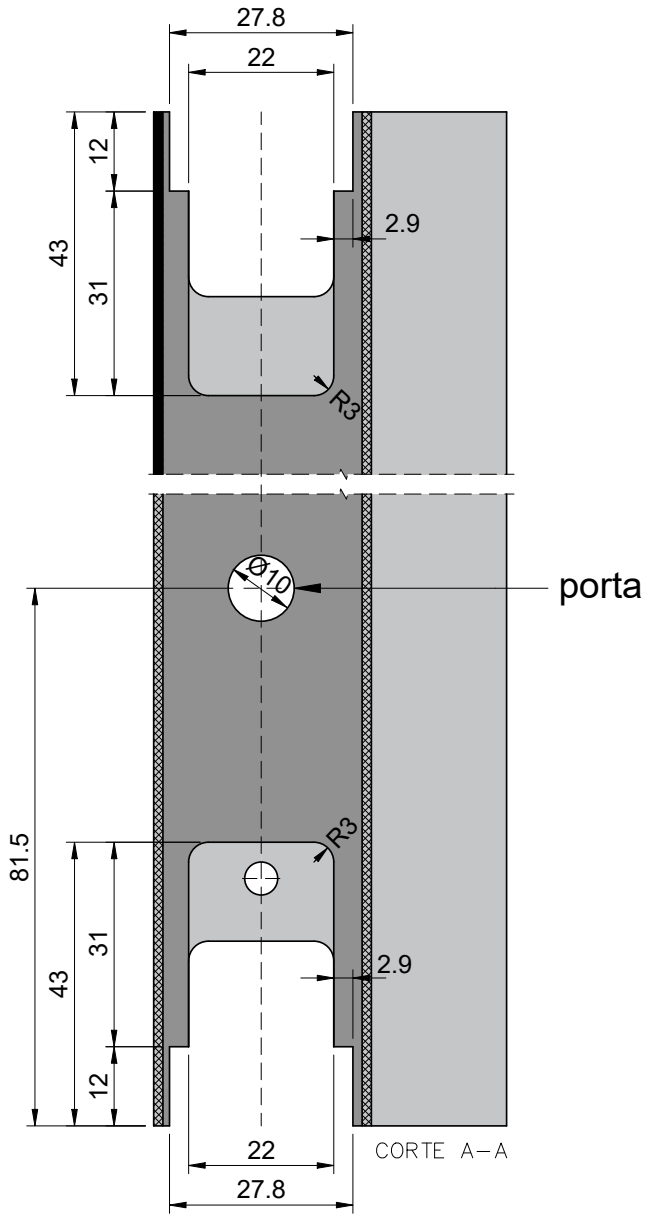
Perfil: GUIA LATERAL

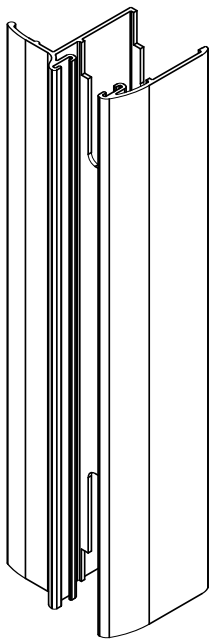
USI 20

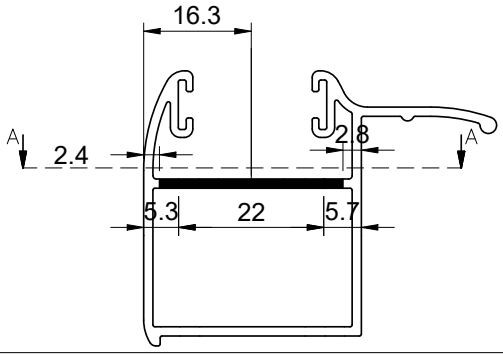
ESCALA 1:1

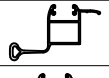
Usinagem calço guia lateral









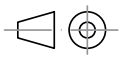
PERFIS	CROQUI
RE-40304	
RE-40305	

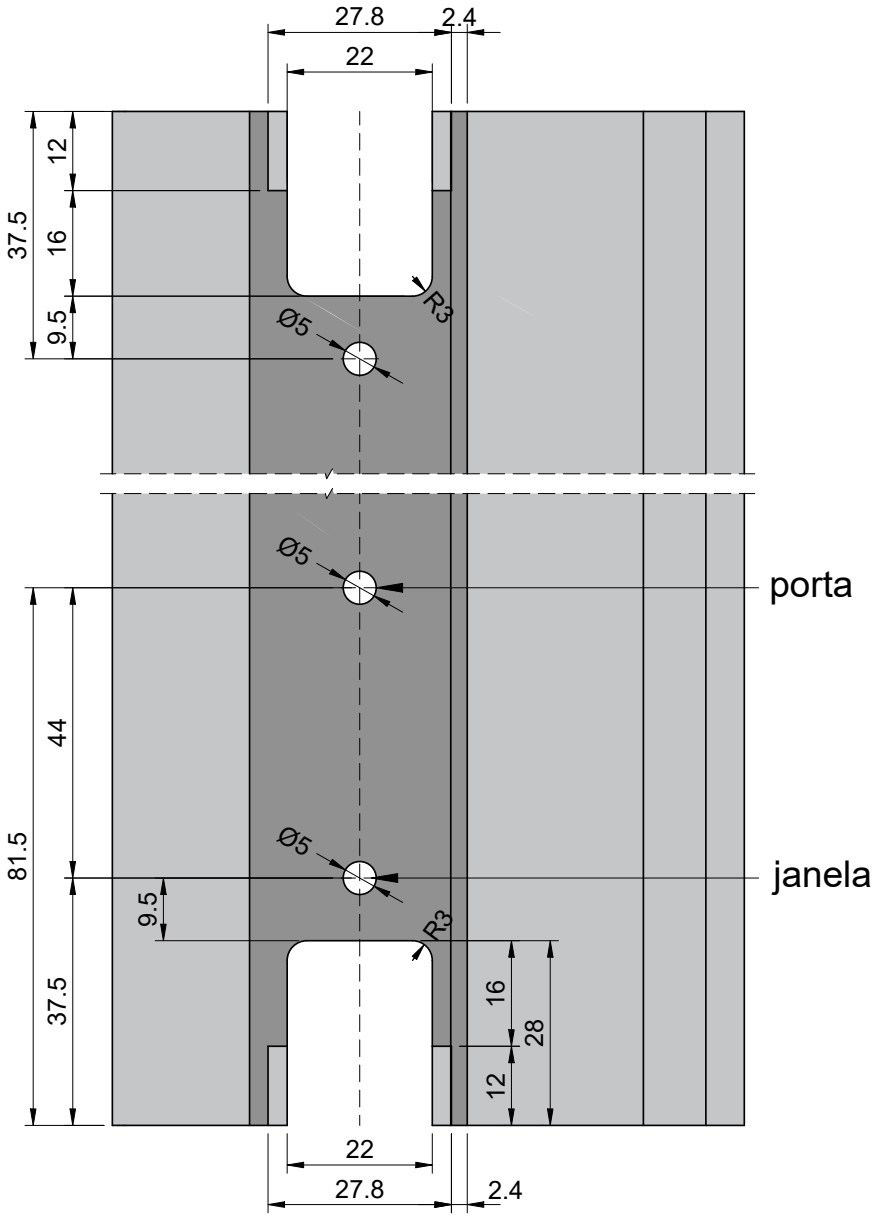
Perfil: TAMPA

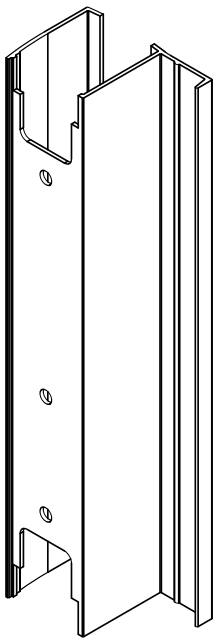
USI 21

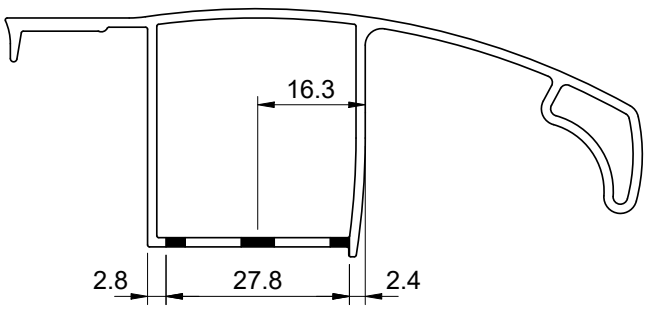
ESCALA 1:1

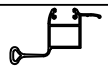
Usinagem calço guia mão de amigo









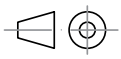
PERFIS	CROQUI
RE-40304	
RE-40305	
RE-40402	
RE-40403	

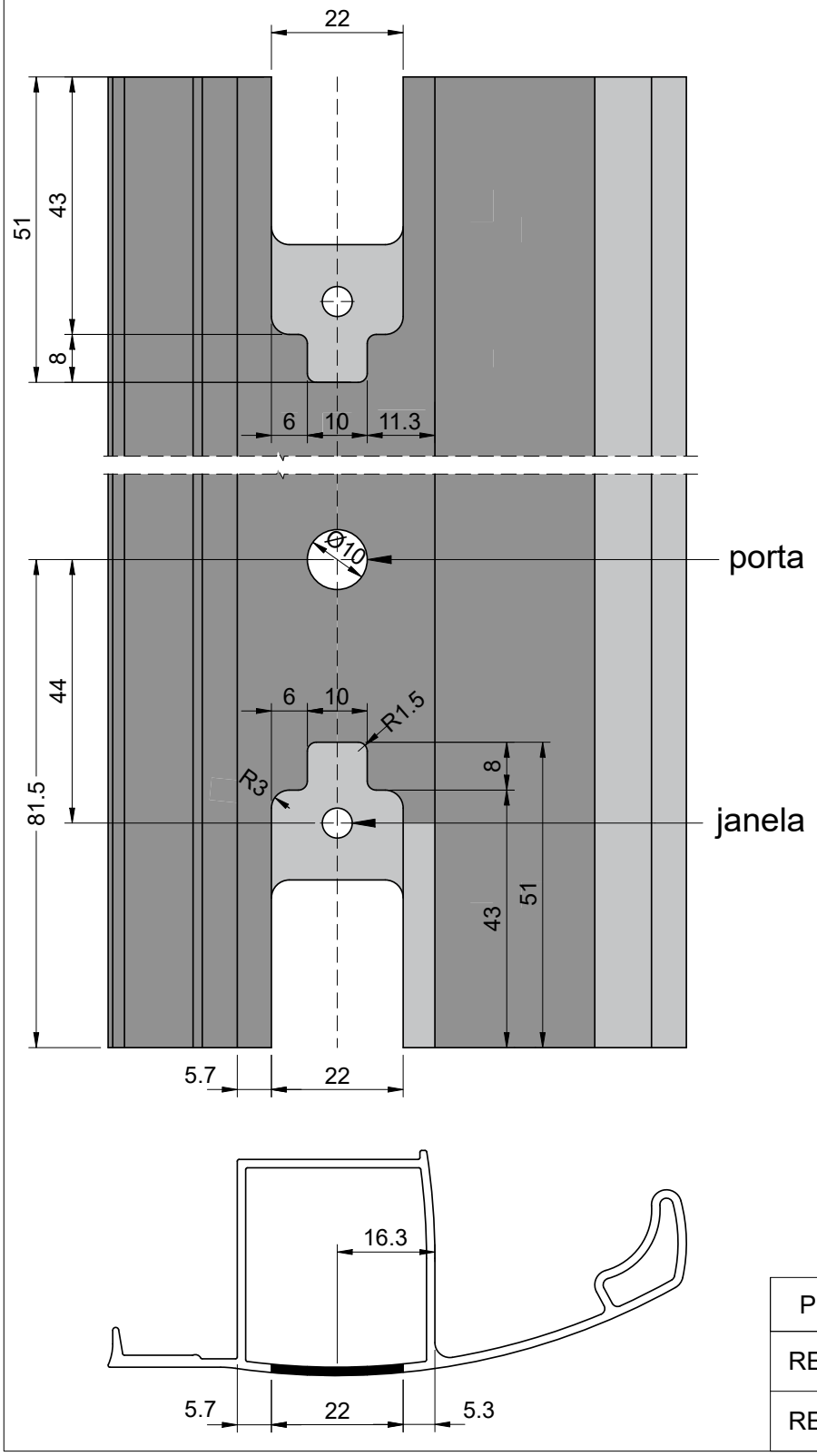
Perfil: TAMPA

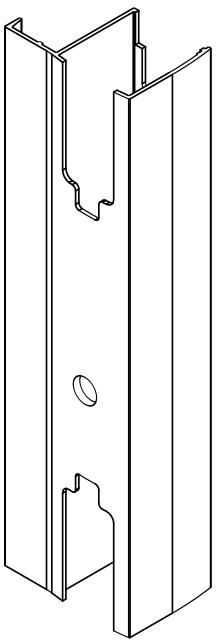
USI 22

ESCALA 1:1

Usinagem calço guia mão de amigo





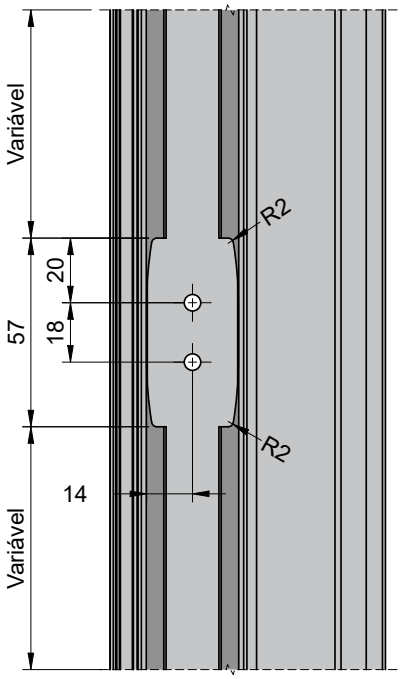


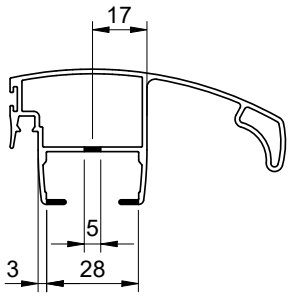
PERFIS	CROQUI
RE-40304	
RE-40403	

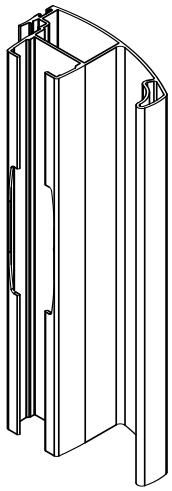
Perfil: GUIA MÃO DE AMIGO

USI 23

ESCALA 1:2
Usinagem Calço Guia Mão de Amigo





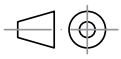


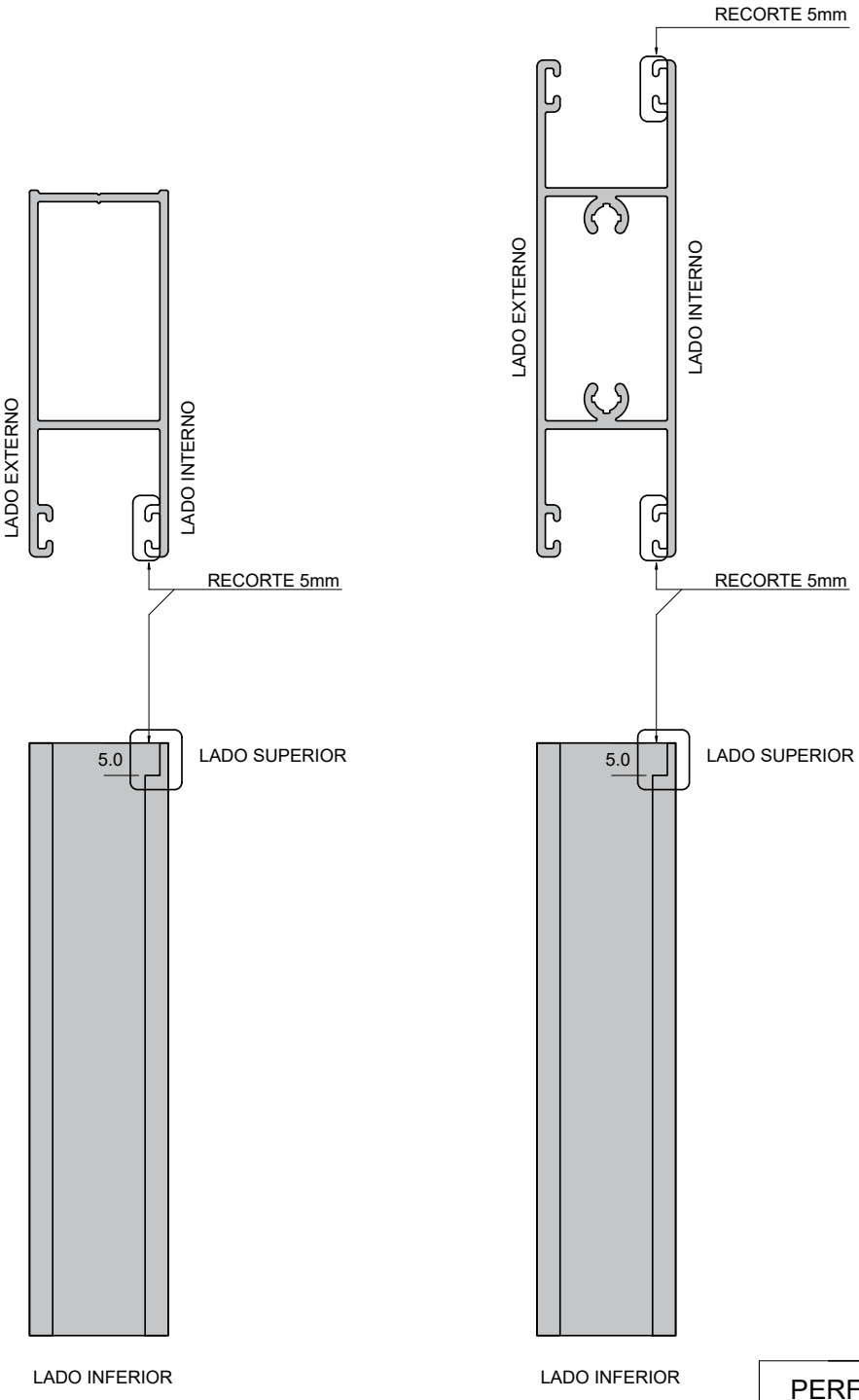
PERFIS	CROQUI
RE-40301	
RE-40302	
RE-40303	
RE-40307	
RE-40308	
RE-40401	
RE-40408	

Perfil: INTEGRADA

USI 24

ESCALA 1:1
Usinagem da GUIA DA ESTEIRA



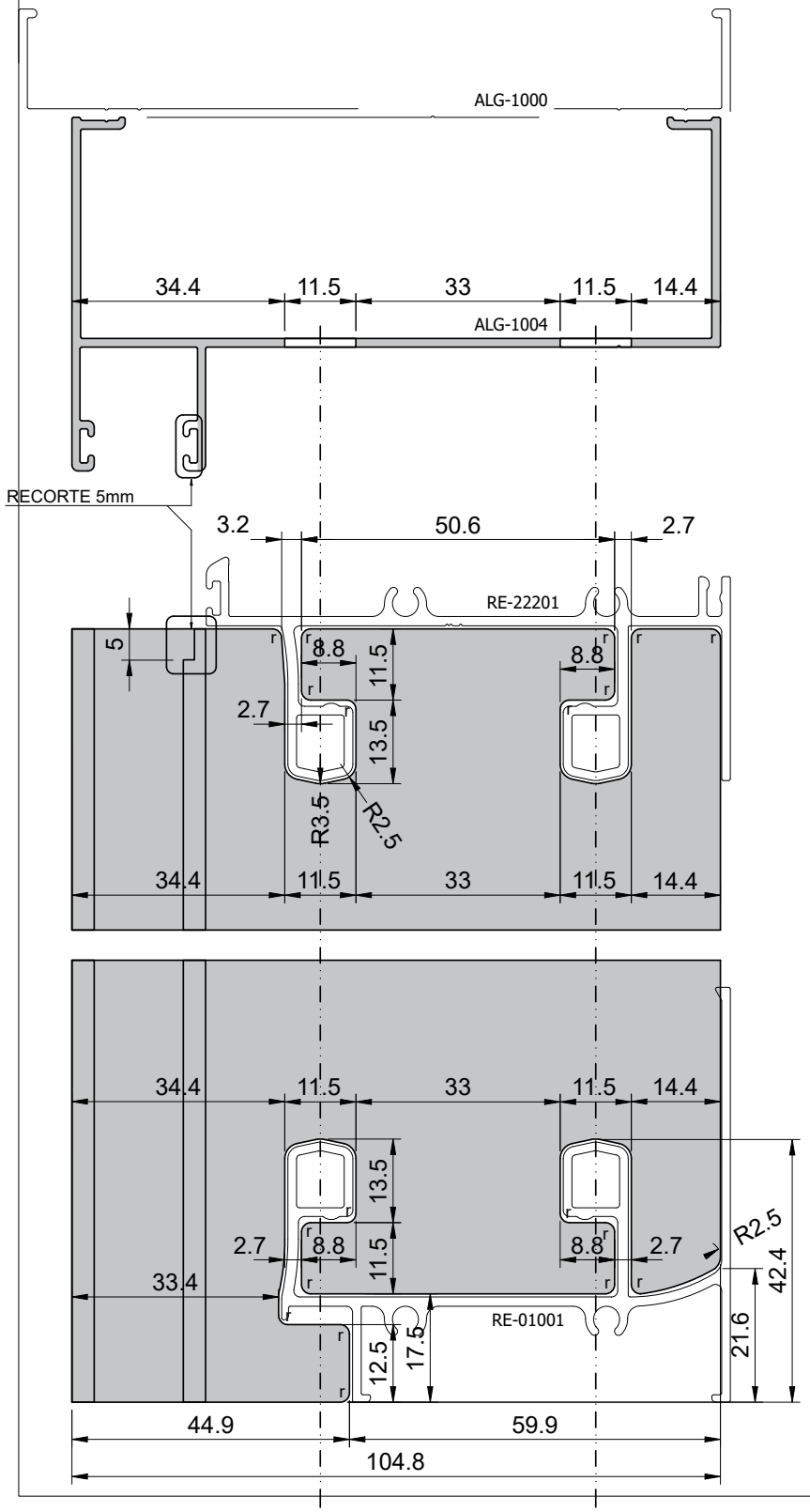


PERFIS	CROQUI
ALG-1005	
ALG-1008	

Perfil: INTEGRADA

USI 25

ESCALA 1:1
Usinagem da GUIA DA ESTEIRA



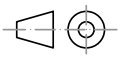
r = raio 1,5mm

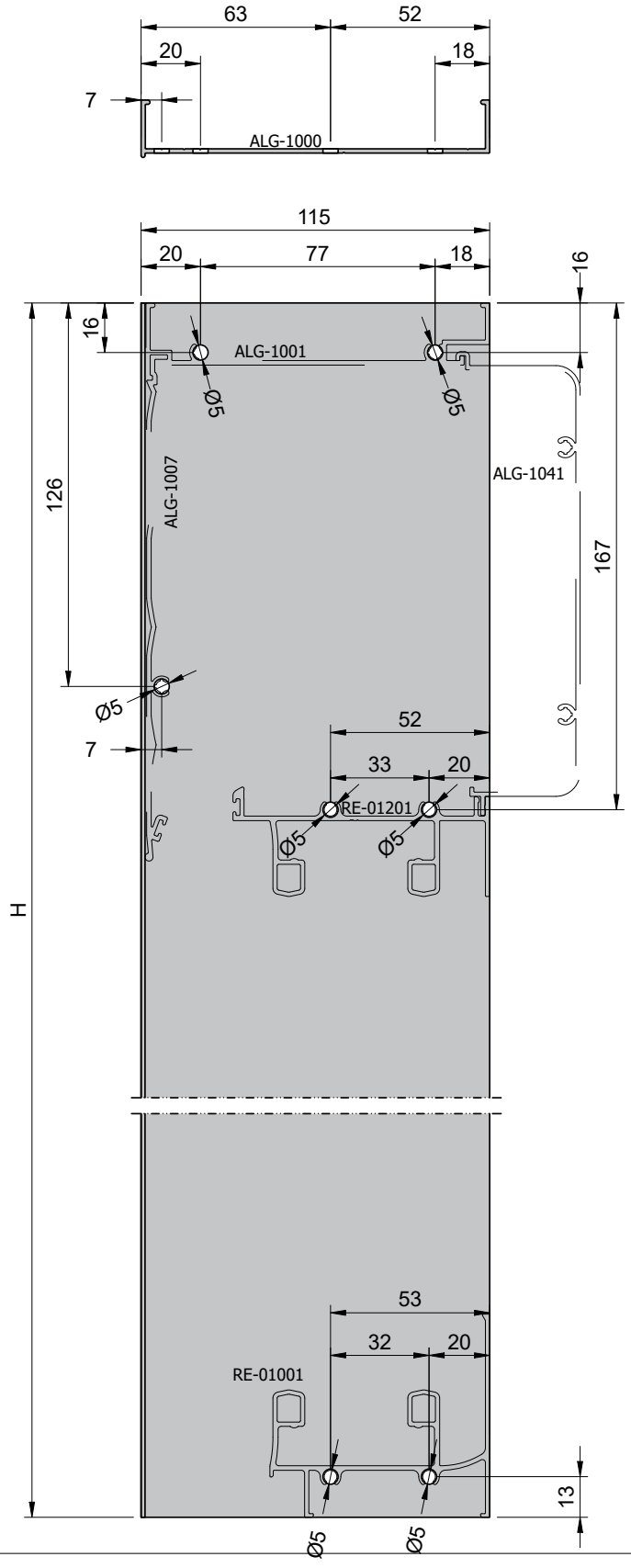
PERFIS	CROQUI
ALG-1004	

Perfil: INTEGRADA

USI 26

ESCALA 1:2
Usinagem da MARCO LATERAL



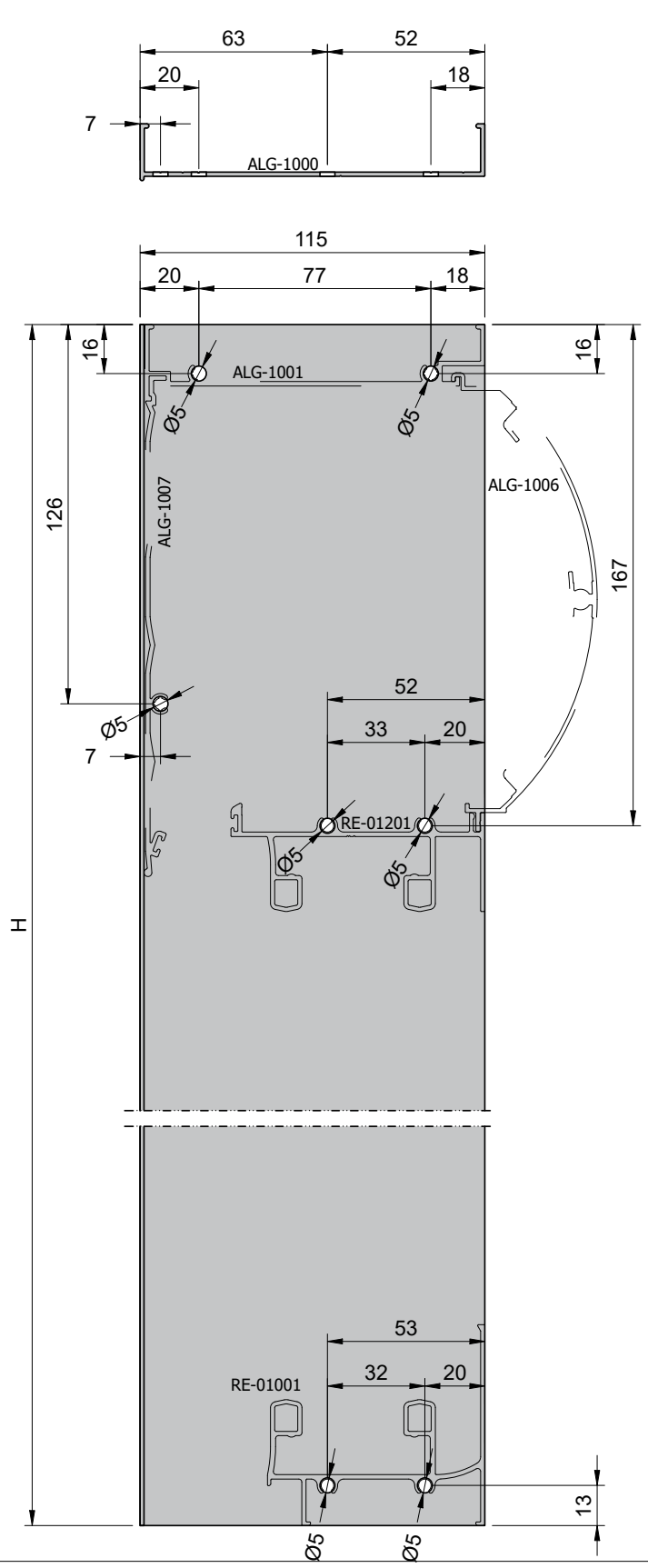


PERFIS	CROQUI
ALG-1000	

Perfil: INTEGRADA

USI 27

ESCALA 1:2
Usinagem da MARCO LATERAL

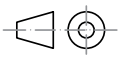


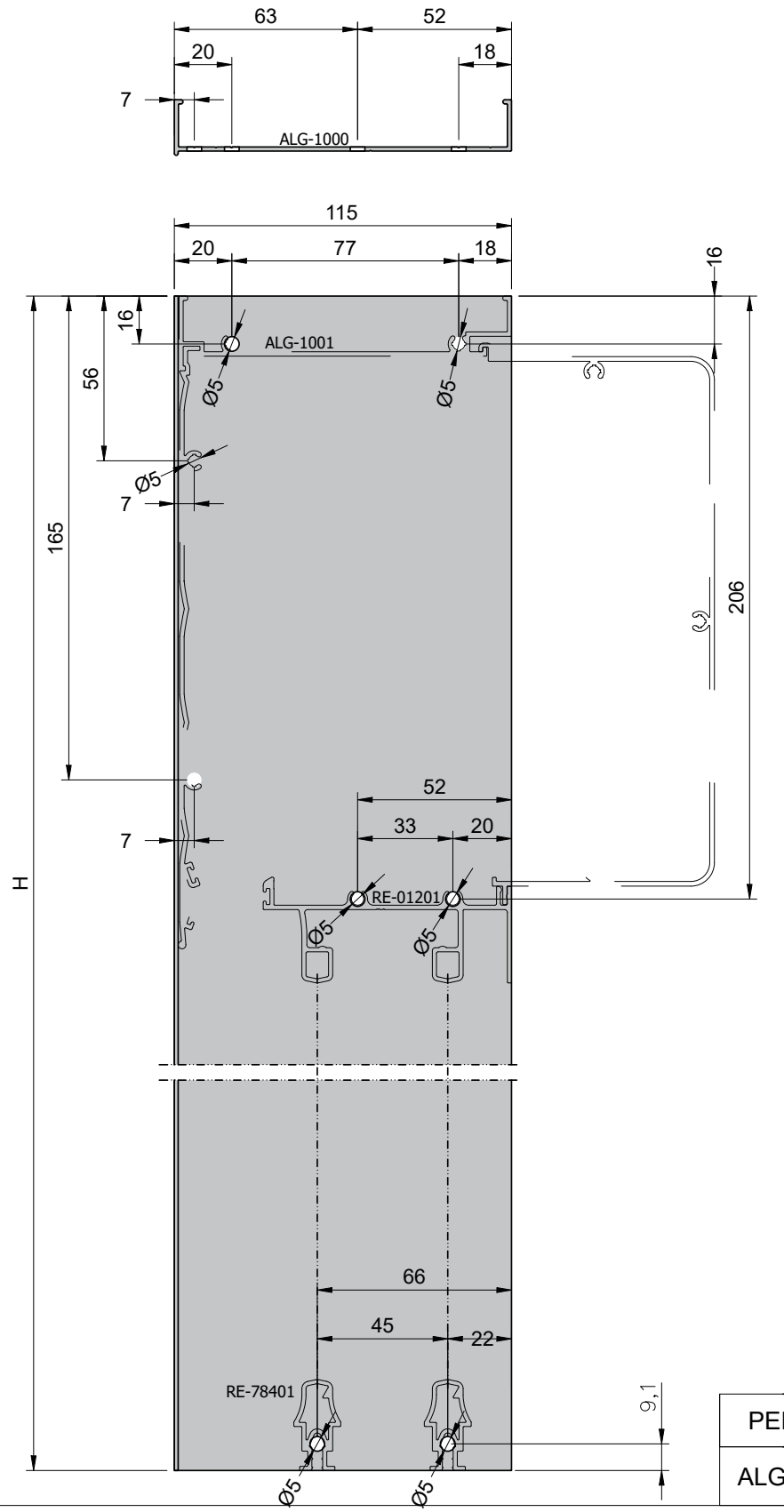
PERFIS	CROQUI
ALG-1000	

Perfil: INTEGRADA

USI 28

ESCALA 1:2
Usinagem da MARCO LATERAL



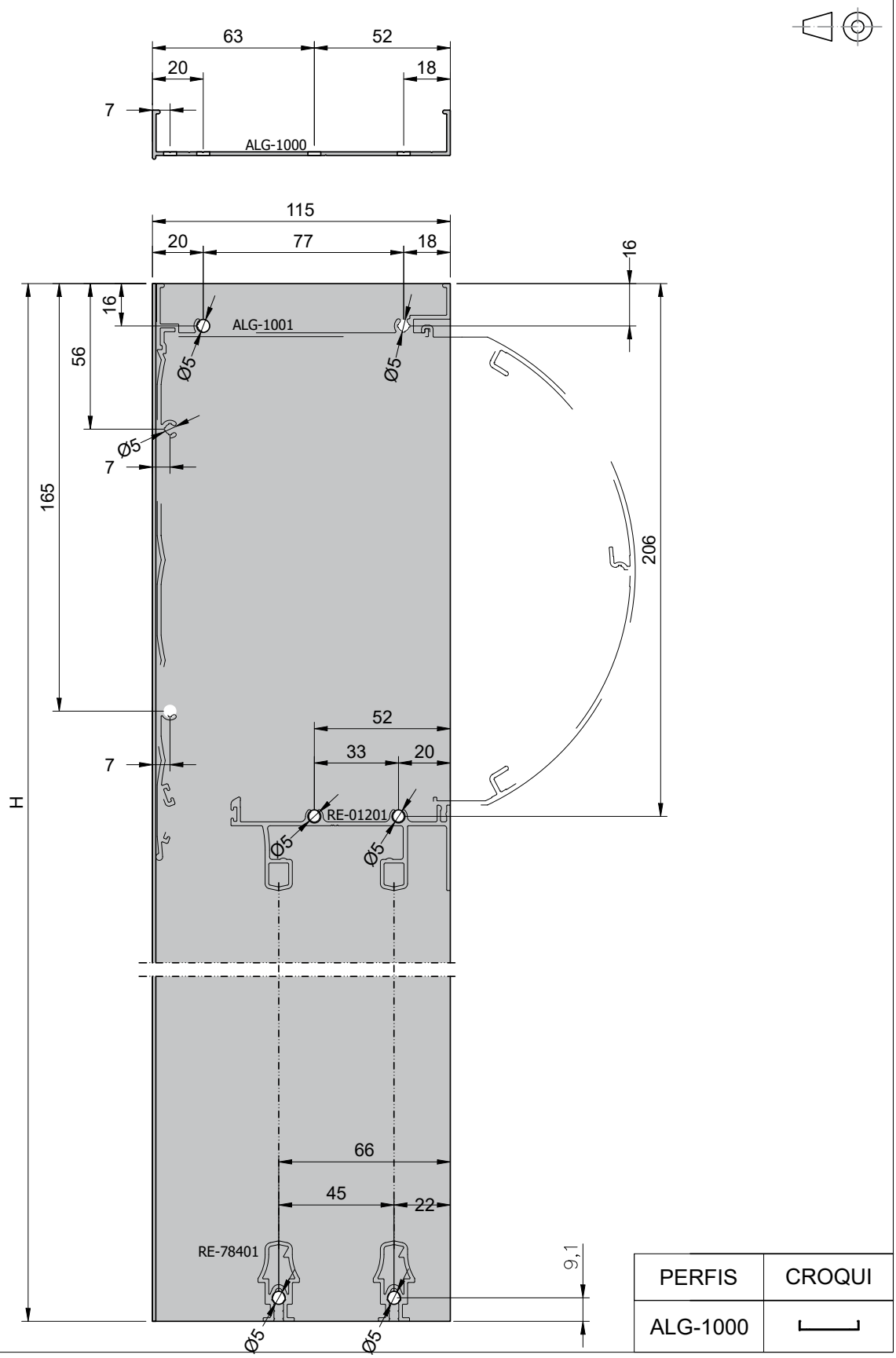


PERFIS	CROQUI
ALG-1000	

Perfil: INTEGRADA

USI 29

ESCALA 1:2
Usinagem da MARCO LATERAL

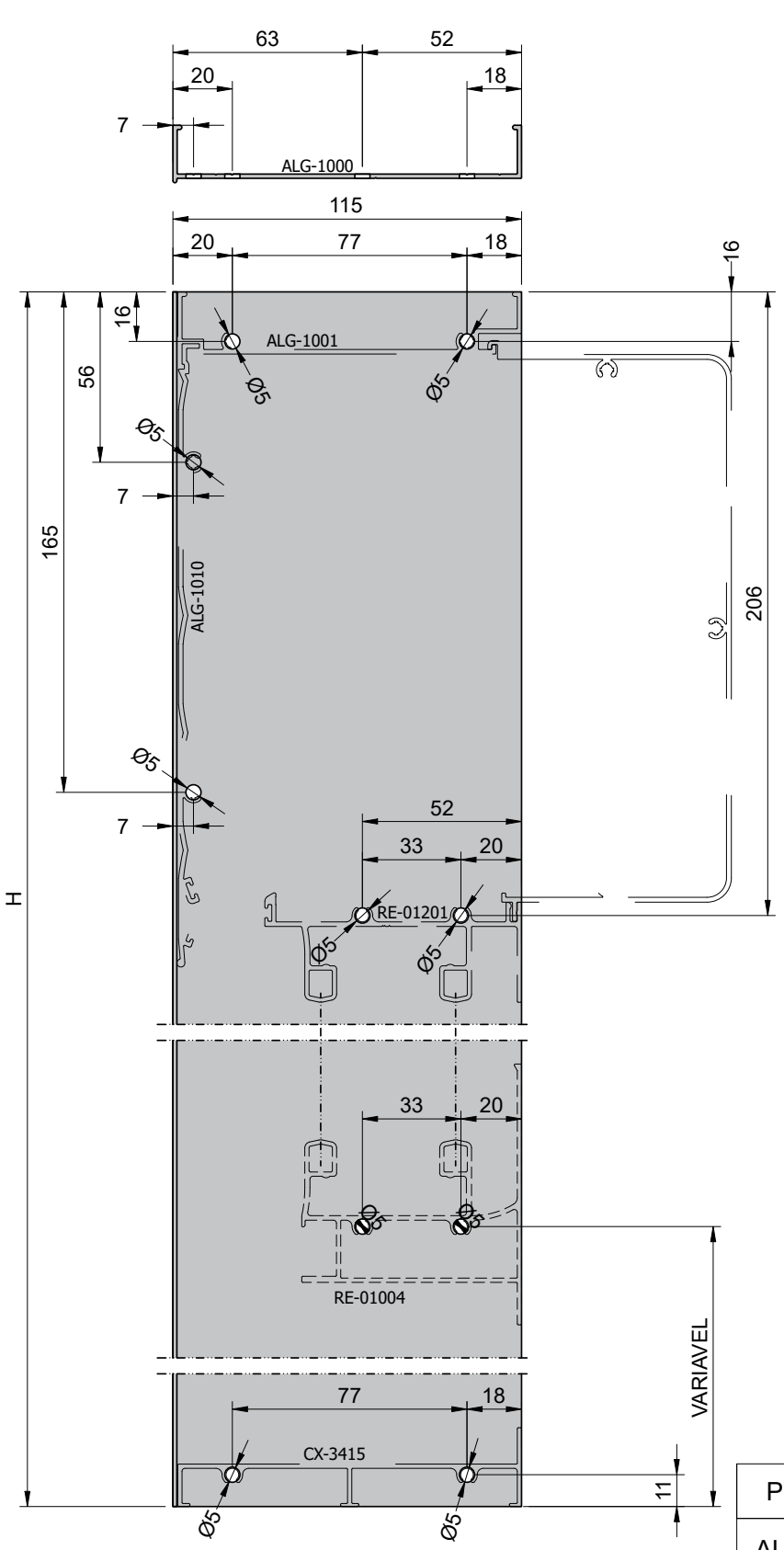


PERFIS	CROQUI
ALG-1000	

Perfil: INTEGRADA

USI 30

ESCALA 1:2
Usinagem da MARCO LATERAL

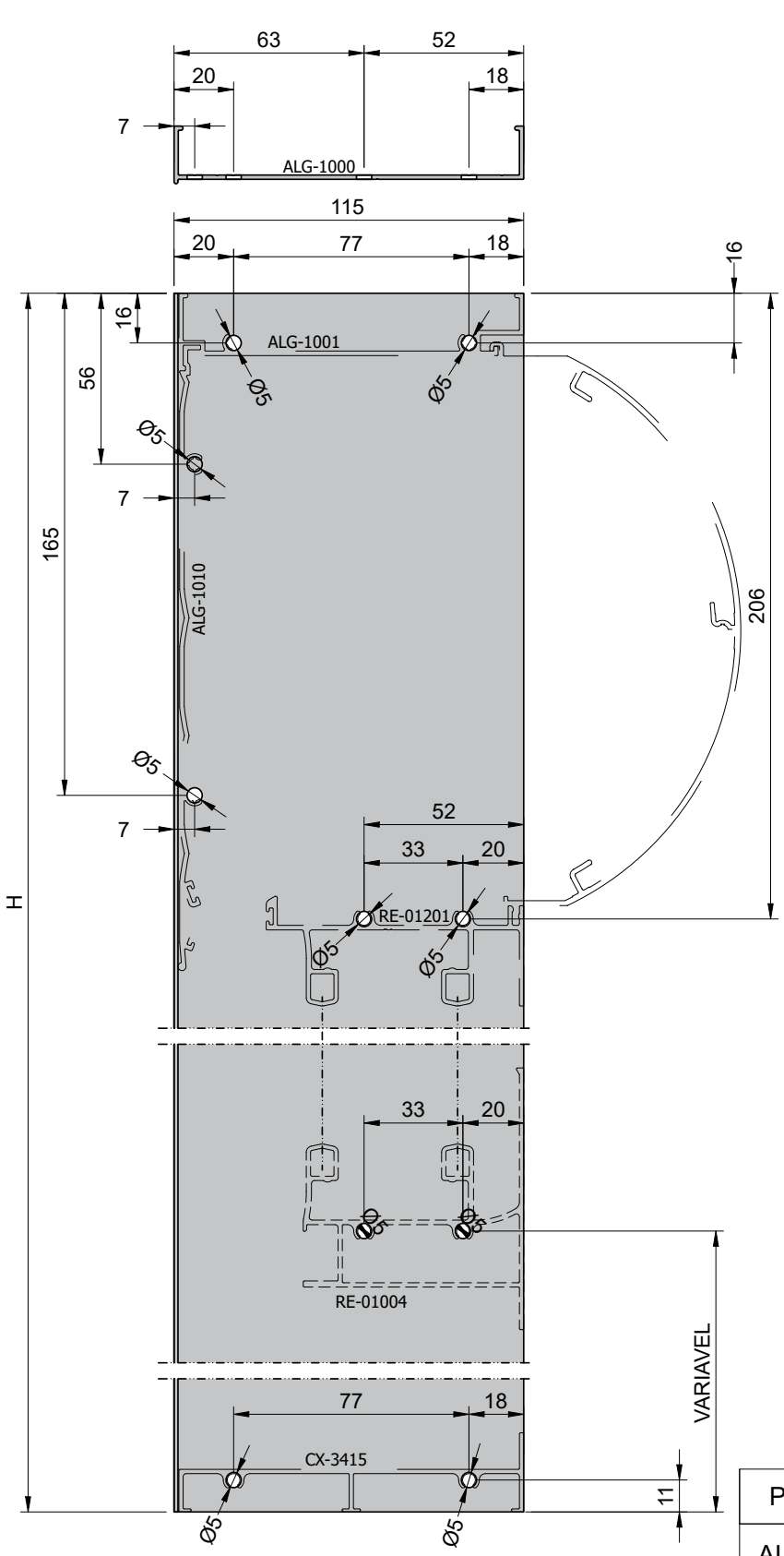


PERFIS	CROQUI
ALG-1000	

Perfil: INTEGRADA

USI 31

ESCALA 1:2
Usinagem da MARCO LATERAL



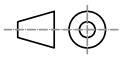
PERFIS	CROQUI
ALG-1000	

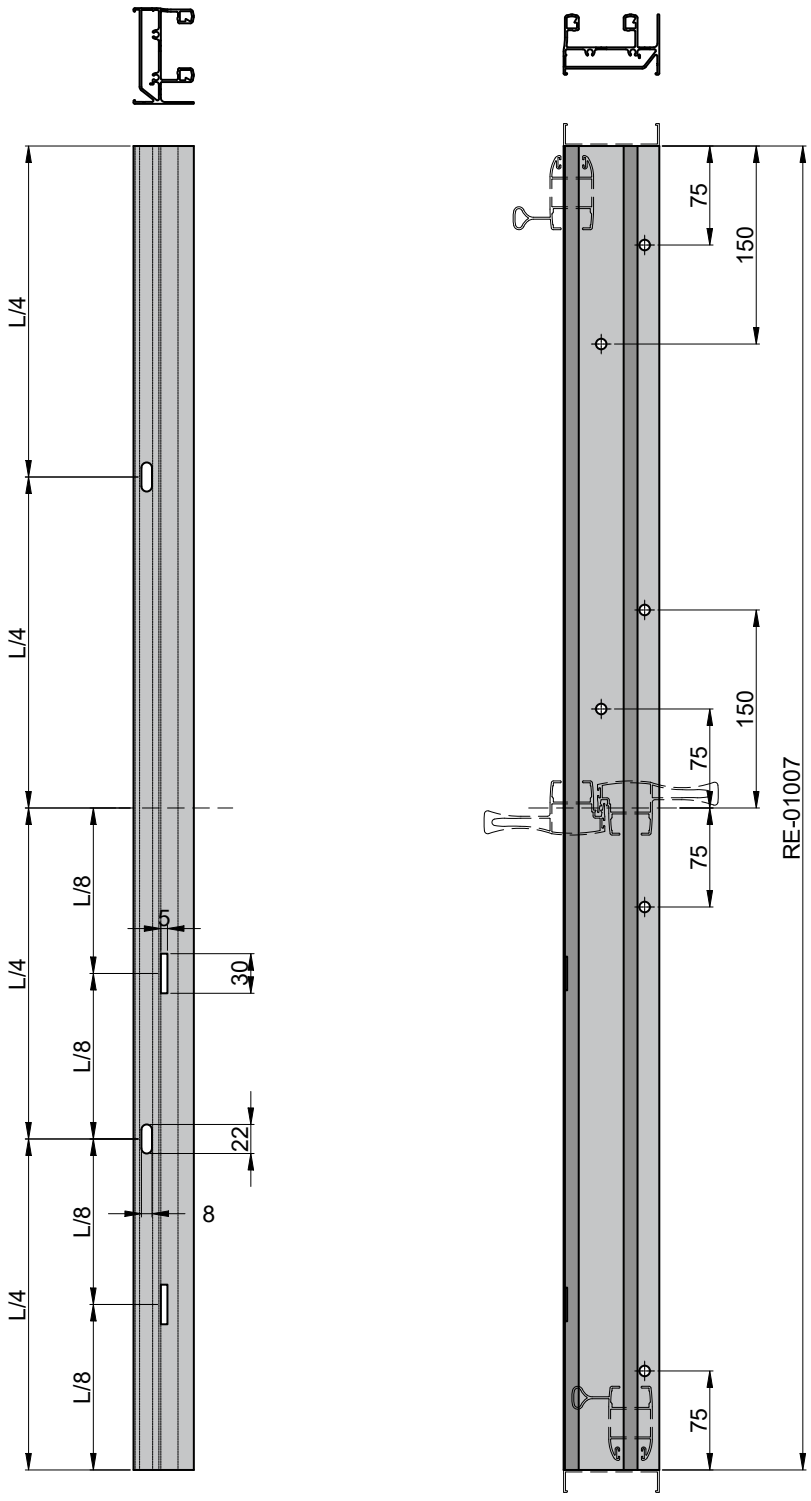
Perfil: TRILHO

USI 32

ESCALA 1:5

Usinagem do TRILHO INFERIOR 2 PLANOS E 2 FOLHAS

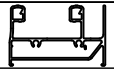




ATENÇÃO:

O DIÂMETRO DOS FUROS E OBLONGOS DO DRENO PODEM VARIAR DEPENDENDO DO FORNECDOR.

CONFERIR AS DIMENSÕES NOS CATÁLOGOS DOS FORNECEDORES DO COMPONENTE.

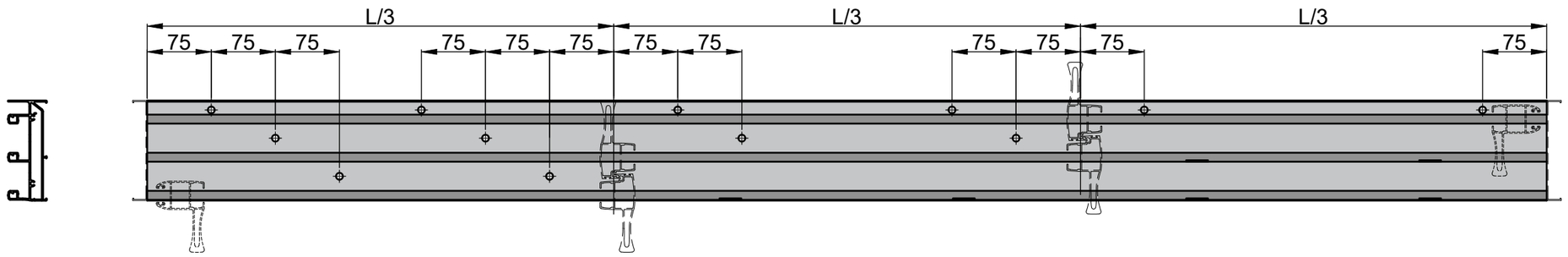
PERFIS	CROQUI
RE-01007	

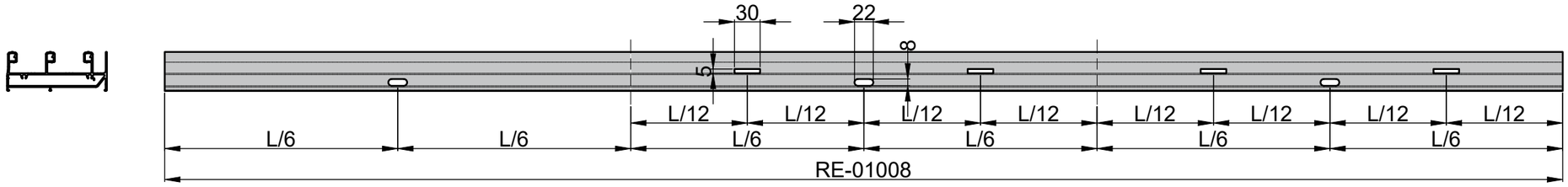
Perfil: TRILHO

USI 33

ESCALA 1:5

Usinagem do TRILHO INFERIOR 3 PLANOS E 3 FOLHAS





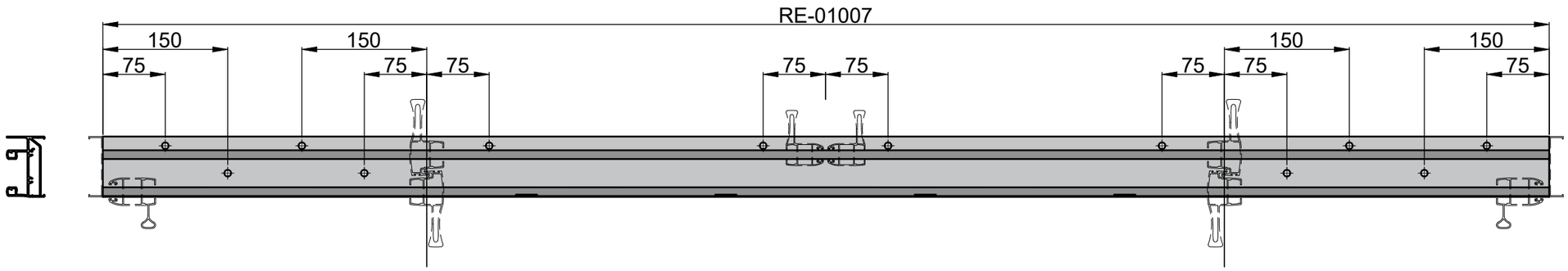
Rev.02 – (Maio/2025) – Essa versão, anula e substitui as anteriores.

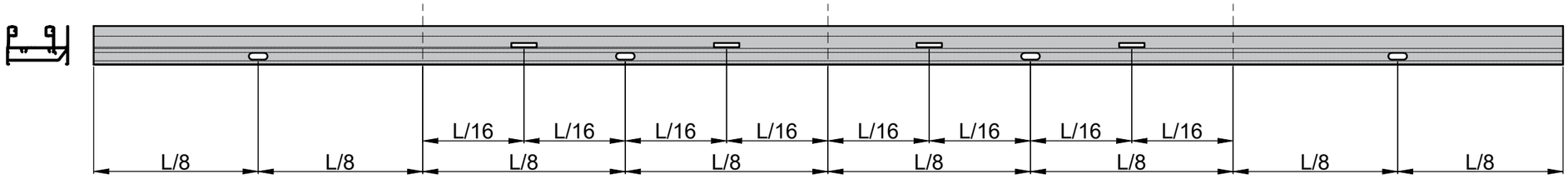
Perfil: TRILHO

USI 34

ESCALA 1:5

Usinagem do TRILHO INFERIOR 2 PLANOS E 4 FOLHAS





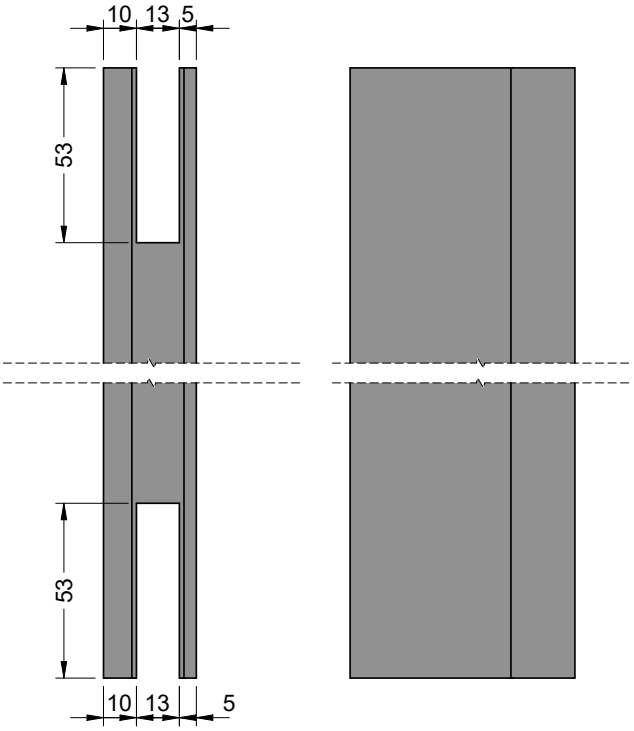
Rev.02 – (Maio/2025) – Essa versão, anula e substitui as anteriores.

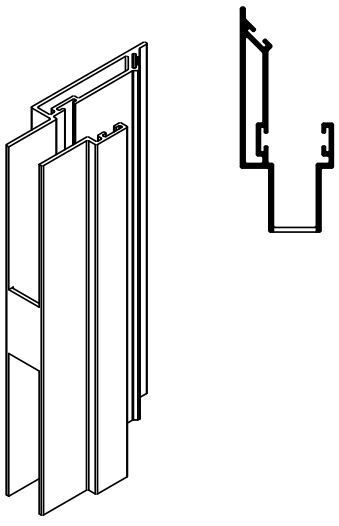
Perfil: MATA JUNTA 90°

USI 34

ESCALA 1:2

Usinagem Mata Junta Canto 90 Graus





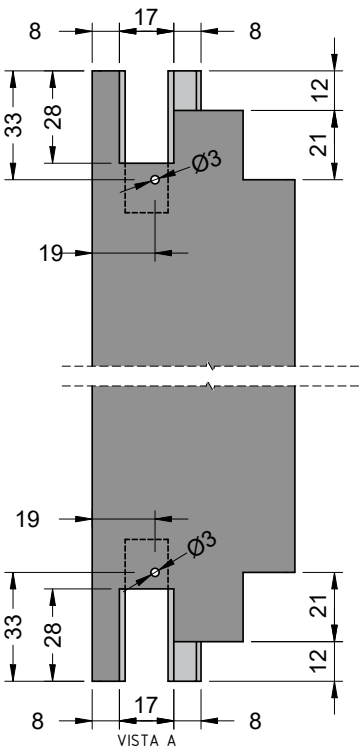
PERFIS	CROQUI
RE-40310	

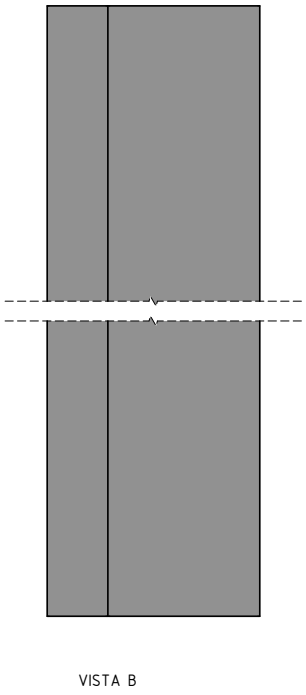
Perfil: MATA JUNTA 90°

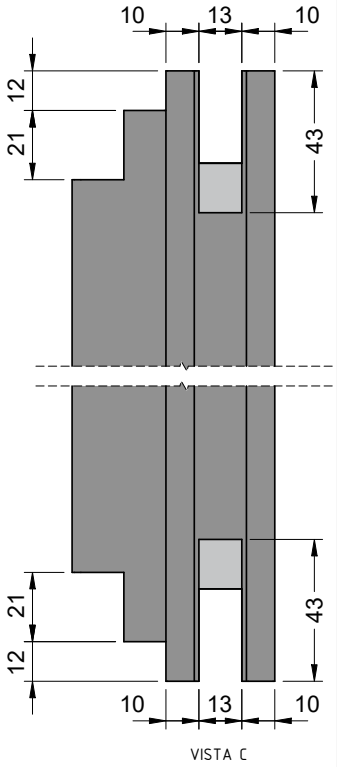
USI 35

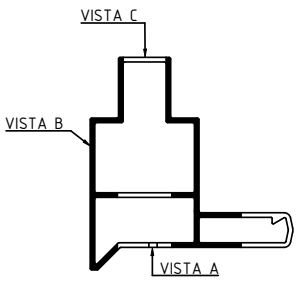
ESCALA 1:2

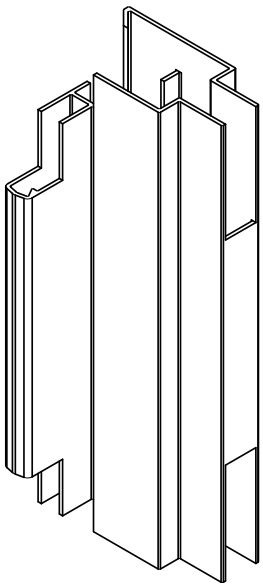
Usinagem Mata Junta Canto 90 Graus











PERFIS	CROQUI
RE-40309	

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