CATÁLOGO TÉCNICO

VAN GOGH 17

SISTEMA DE ESQUADRIAS PADRÃO ECONÔMICO

REV.01
(NOVEMBRO/2025)
Essa versão, anula e substitui as anteriores.

CDA®
HIGH QUALITY IN ALUMINIUM

Sumário interativo

Clique para ser direcionado a página correspondente

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

CAMBORIÚ - SC

RECIFE - PE

FÁBRICAS

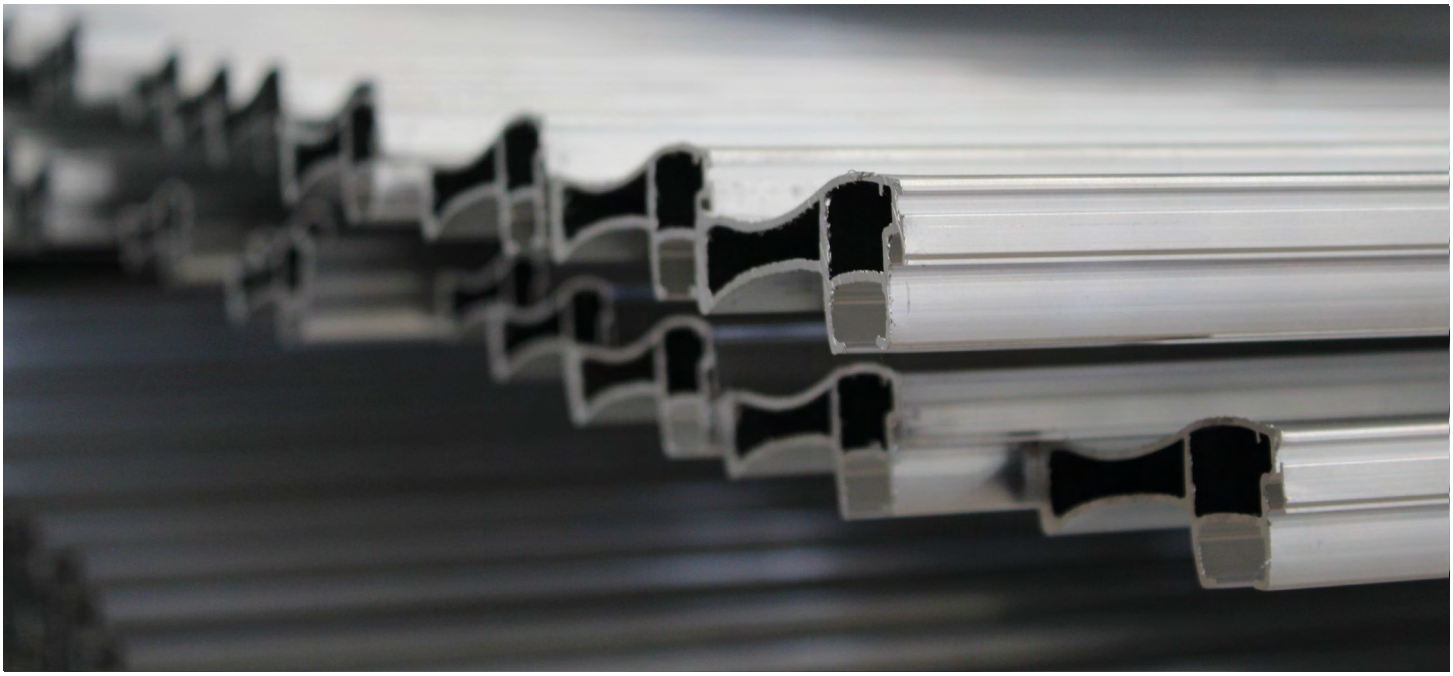
COLATINA - ES

ITAPEVA - MG

CANDEIAS - BA

Ver.01 – (Novembro/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

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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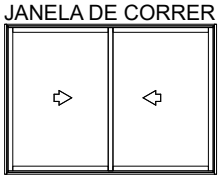
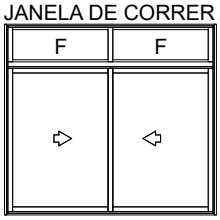


JC201
JANELA DE CORRER 2 FOLHAS COM BANDEIRA FIXA



JC202
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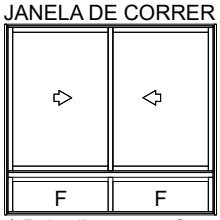

* Peitoril não tem função de guarda corpo para essa tipologia

JC203
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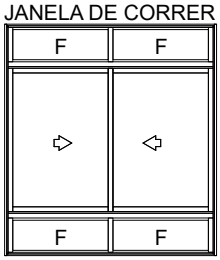

* Peitoril não tem função de guarda corpo para essa tipologia

JC300VZ
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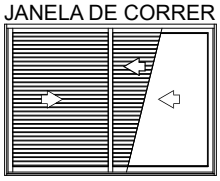

IJC200
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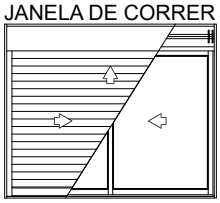
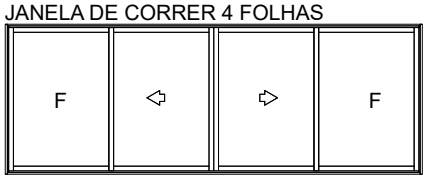


JC400
JANELA DE CORRER 4 FOLHAS



JC600VZ
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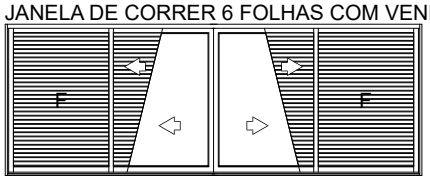
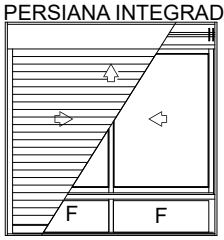
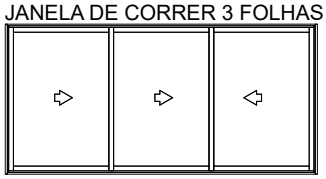


IJC202
JANELA DE CORRER 2 FOLHAS COM PEITORIL FIXO COM PERSIANA INTEGRADA

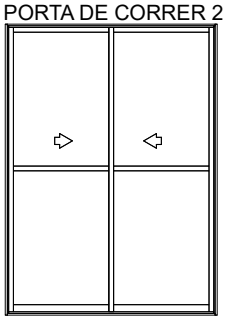


* Peitoril não tem função de guarda corpo para essa tipologia

JC300
JANELA DE CORRER 3 FOLHAS

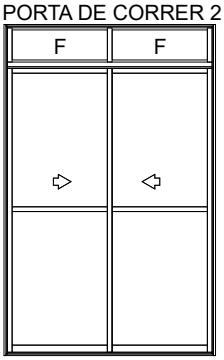


PC200
PORTA DE CORRER 2 FOLHAS



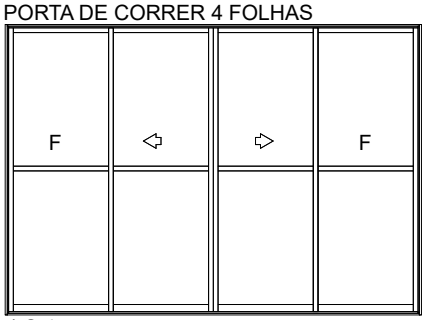
* Solução com travessa ou sem travessa

PC201
PORTA DE CORRER 2 FOLHAS COM BANDEIRA FIXA



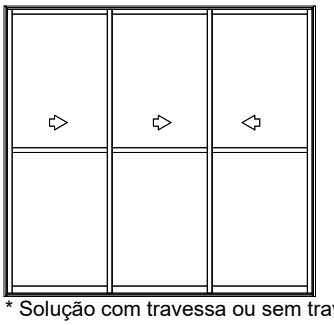
* Solução com travessa ou sem travessa

PC400
PORTA DE CORRER 4 FOLHAS



* Solução com travessa ou sem travessa

PC300
PORTA DE CORRER 3 FOLHAS



* Solução com travessa ou sem travessa

PC600VZ
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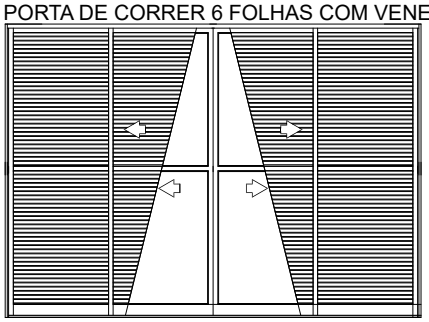
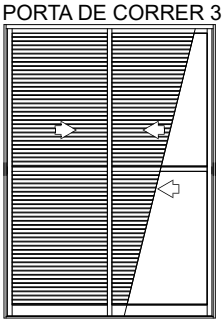


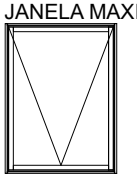
* Solução com travessa ou sem travessa

PC300VZ
PORTA DE CORRER 3 FOLHAS COM VENEZIANA

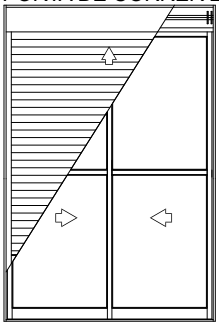


* Solução com travessa ou sem travessa

JM200
JANELA MAXIN-AR SIMPLES

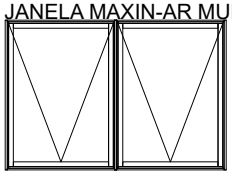


IPC200
PORTA DE CORRER 2 FOLHAS COM PERSIANA INTEGRADA



* Solução com travessa ou sem travessa

JM210
JANELA MAXIN-AR MULTIPLOS MÓDULOS



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.

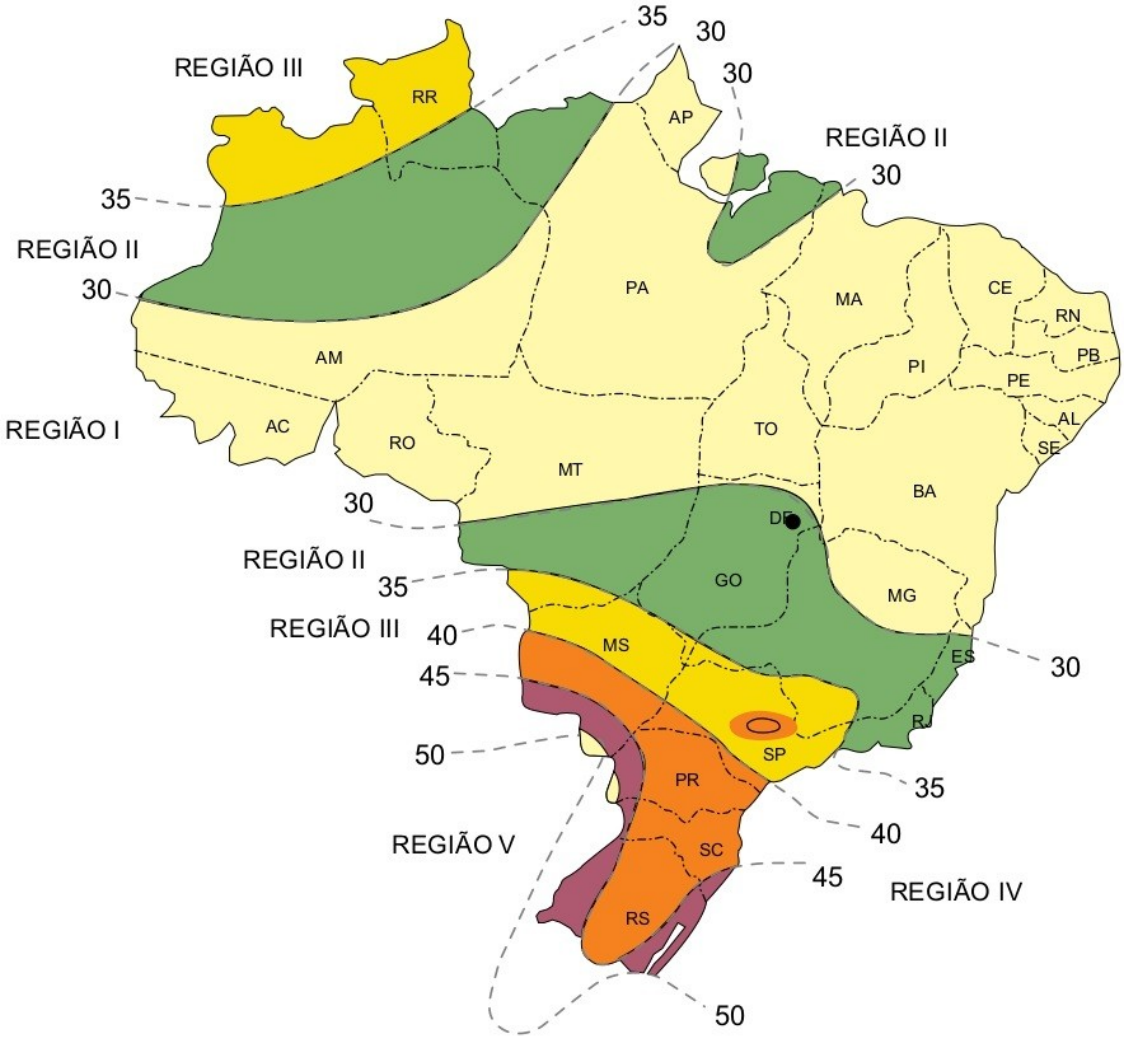
Para esquadrias instaladas nas situaçoes a seguir descritas, deve ser consultada a ABNT NBR 6123 para a determinação da pressao de projeto (Pp) e pressão de ensaio (Pe), prevalecendo como mínimo os valores da Tabela 1.

- 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)

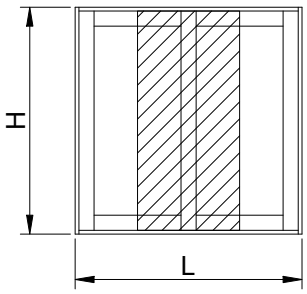
Para determinar a pressão de ensaio a ser aplicada nas esquadrias, é necessário identificar a Região do País da localização da obra segundo o Gráfico das Isopletas.

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

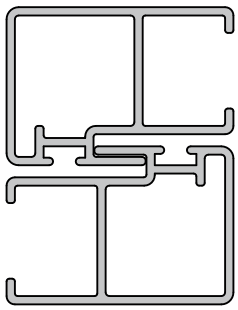
Nos gráficos de desempenho, o cruzamento das informações de altura e largura da tipologia resulta o valor da pressão de ensaio calculado para o conjunto de perfis ilustrado. Caso o valor seja igual ou superior ao encontrado na coluna de pressão de ensaio acima, a esquadria atende ao projeto especificado.

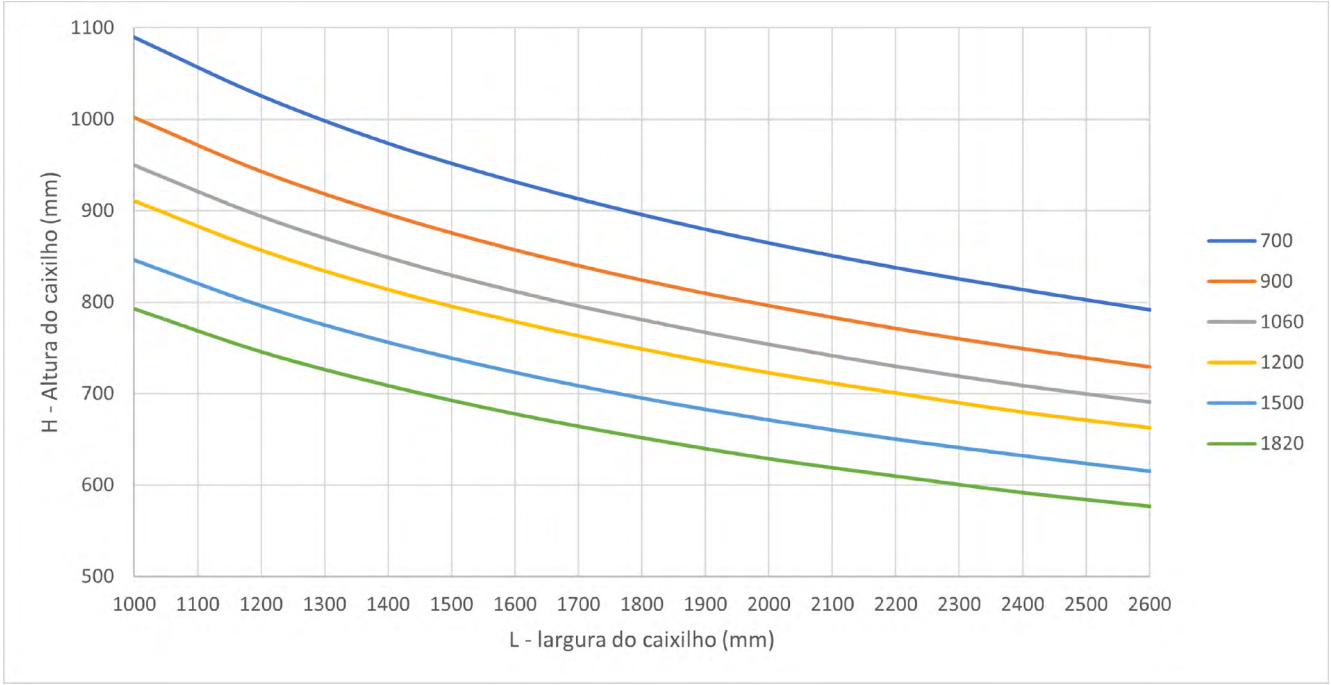
PRESSÃO DE VENTO



VG-731		
Jx	7.385	mm4
Wx	696	mm3

VG-731		
Jx	7.385	mm4
Wx	696	mm3

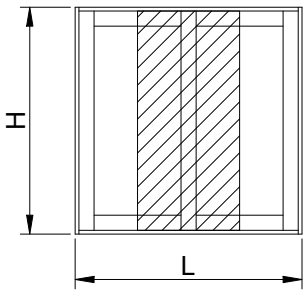




* O gráfico de disperção prevê flecha máxima permitida pela NBR 10821/2023 e também as máximas tensões suportadas pelo material - liga 6060 T5 coeficiente de segurança já aplicado

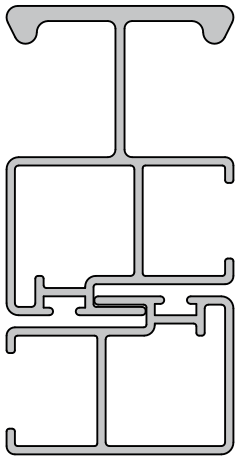
* As dimensões de folhas contidas neste gráfico, não contemplam máximas cargas suportadas pelas roldanas. Deve-se estudar caso a caso na seção dos componentes.

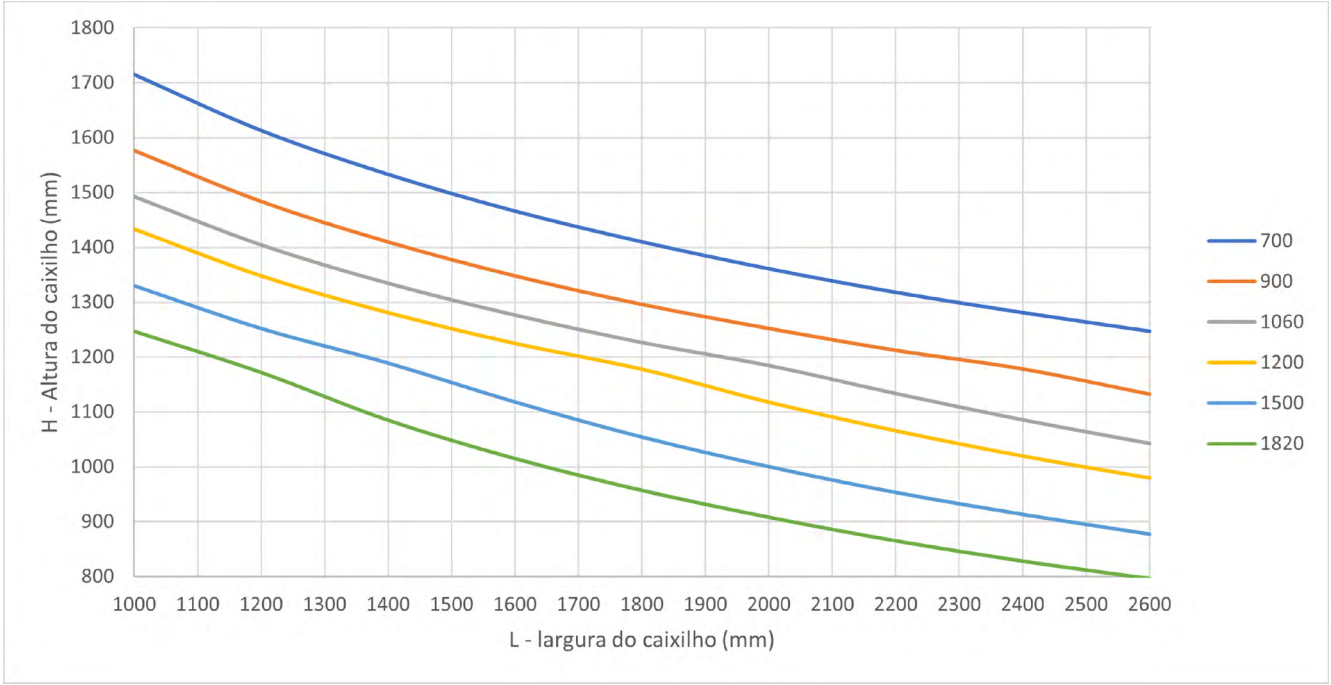
PRESSÃO DE VENTO



VG-732		
Jx	50.044	mm4
Wx	2.245	mm3

VG-731		
Jx	7.385	mm4
Wx	696	mm3





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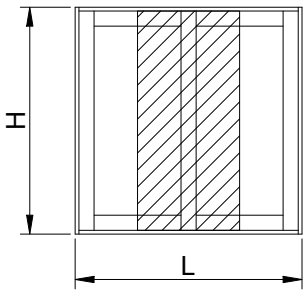
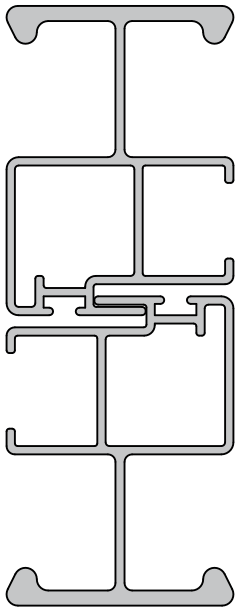
PRESSÃO DE VENTO





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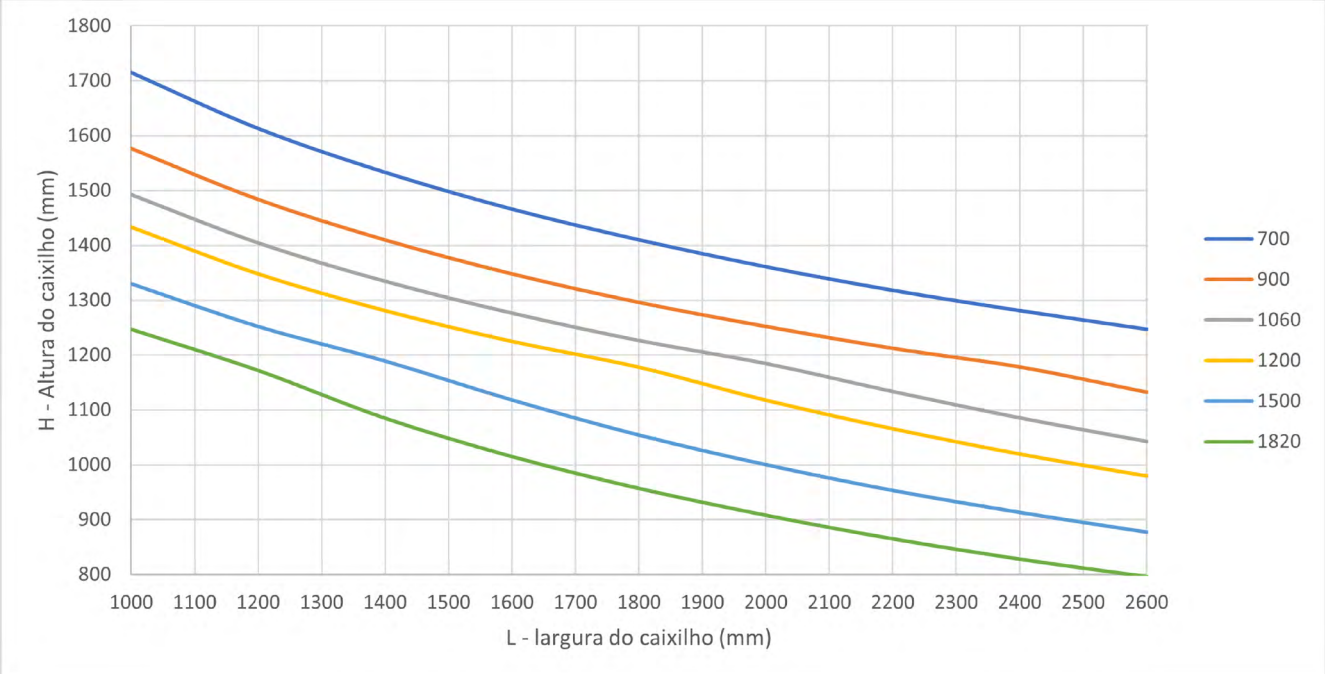

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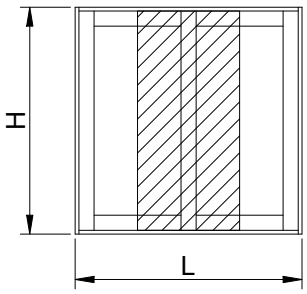
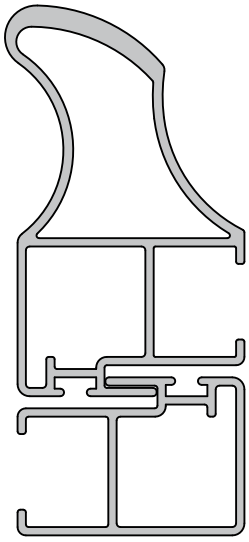
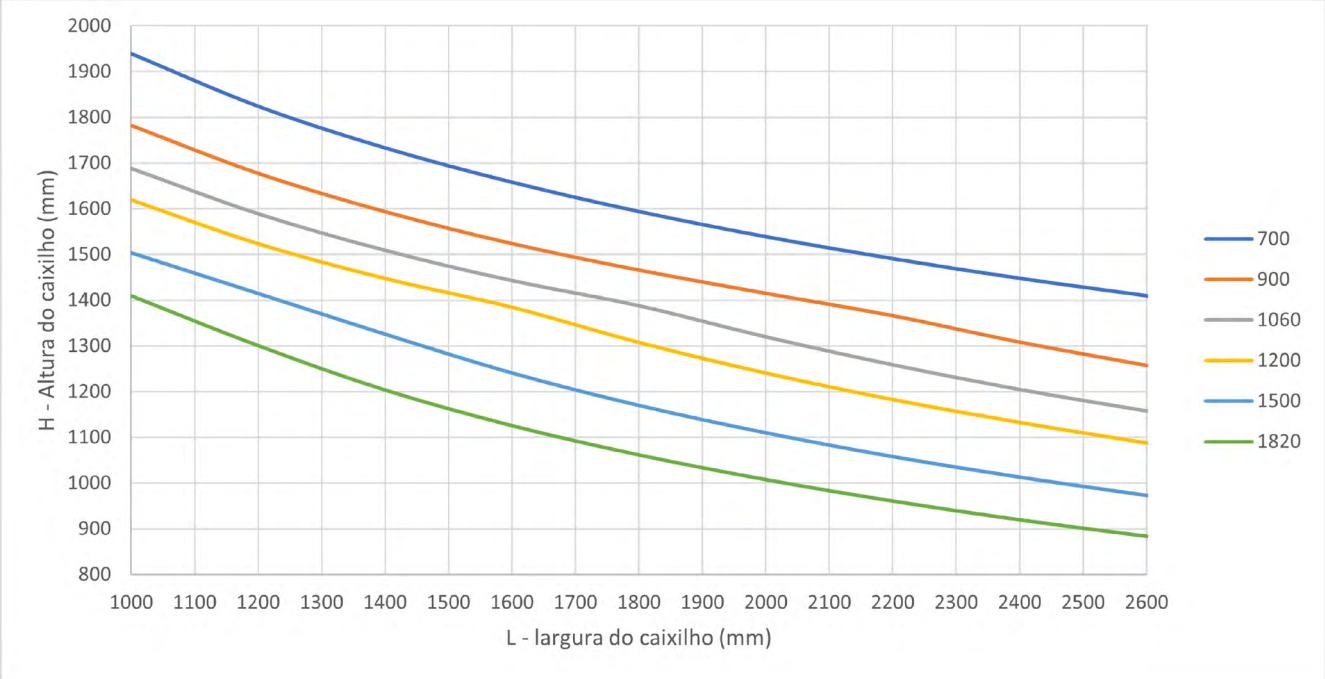
PRESSÃO DE VENTO





VG-736		
Jx	75.641	mm4
Wx	2.893	mm3

VG-731		
Jx	7.385	mm4
Wx	696	mm3



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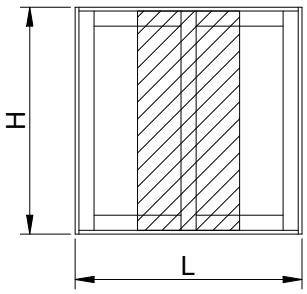
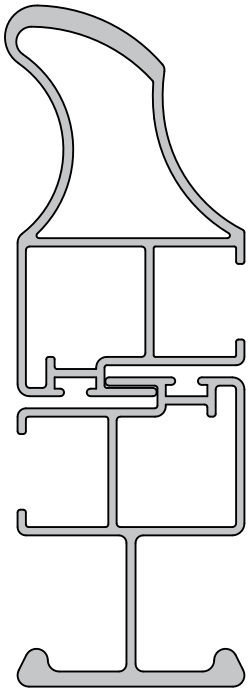
PRESSÃO DE VENTO





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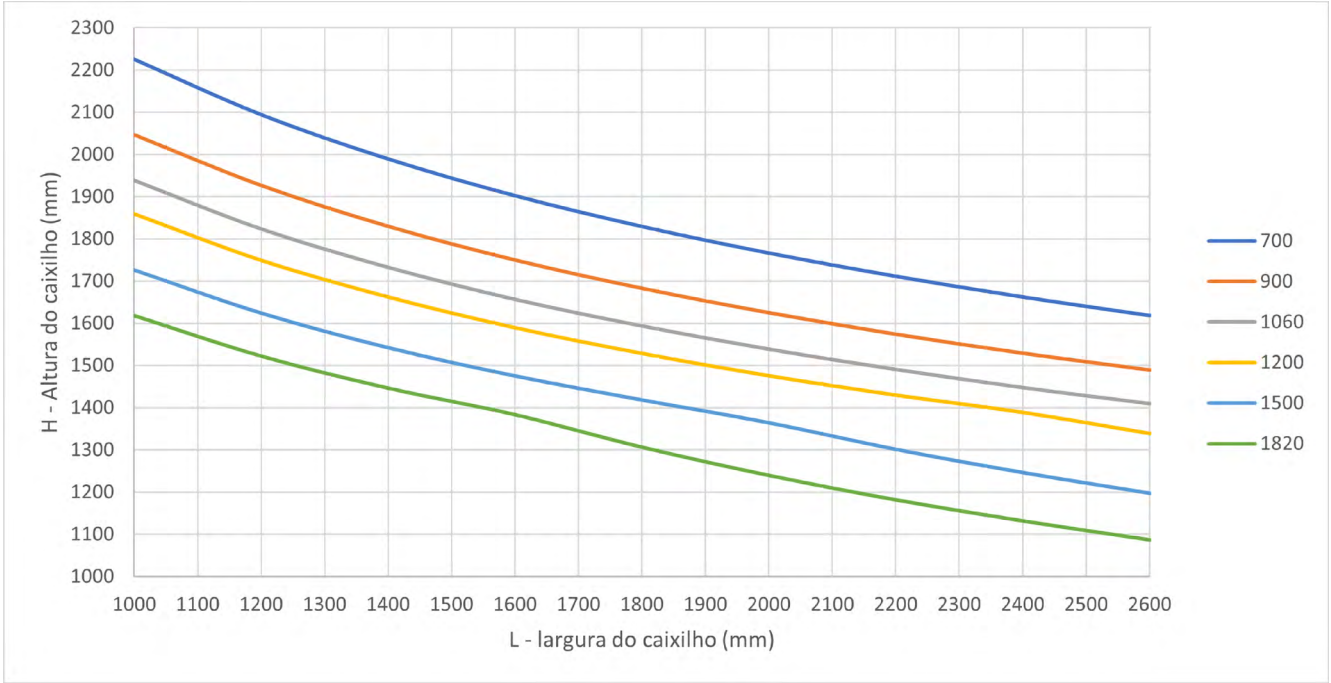
Jx	50.044	mm4
Wx	2.245	mm3



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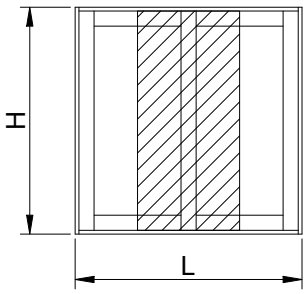
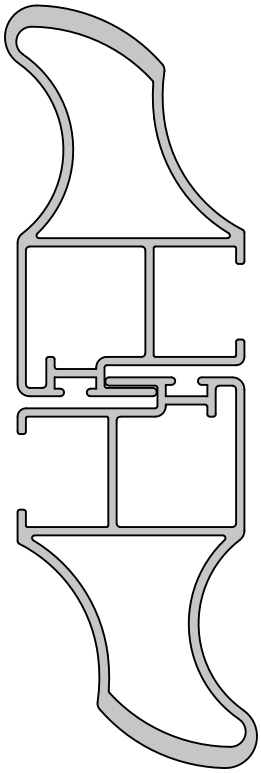
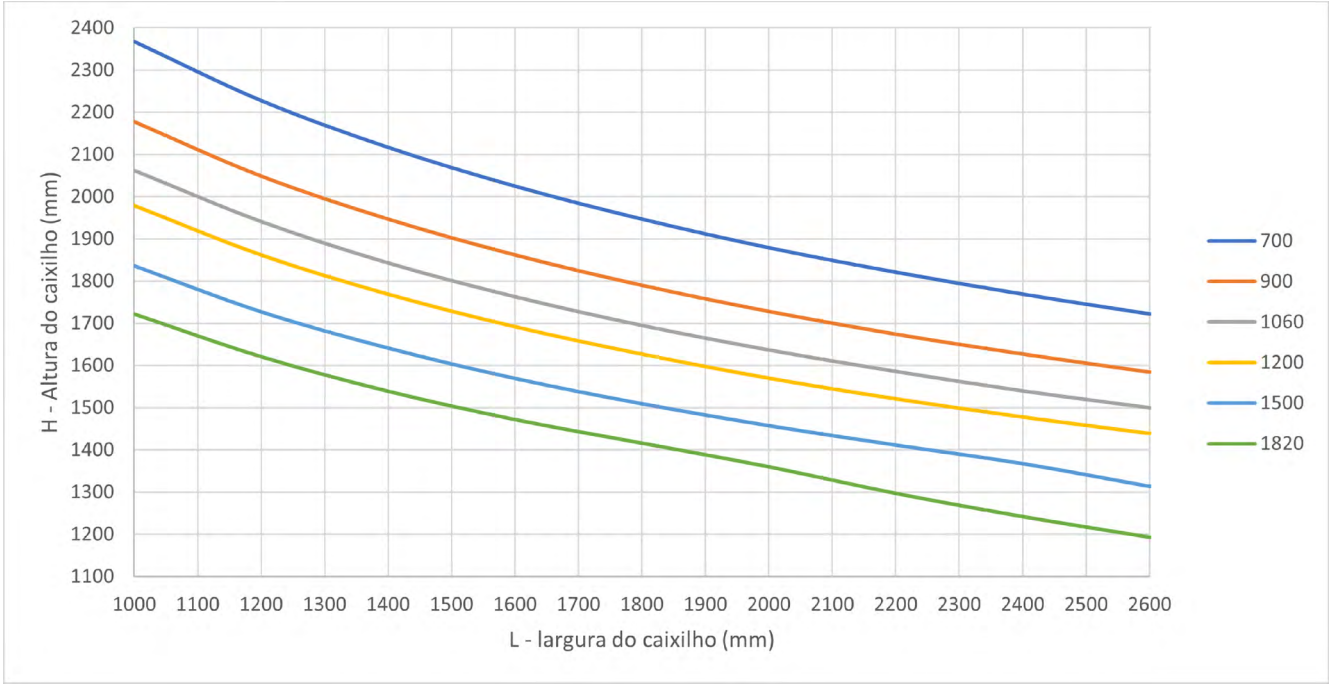
PRESSÃO DE VENTO



VG-736		
Jx	75.641	mm4
Wx	2.893	mm3

VG-736		
Jx	75.641	mm4
Wx	2.893	mm3





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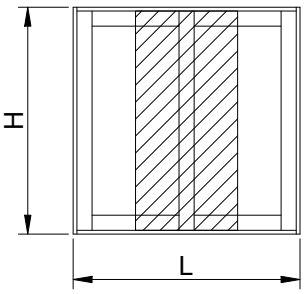
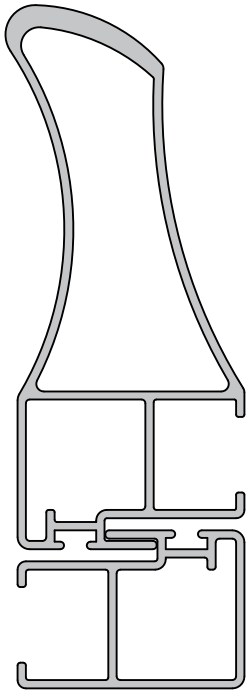
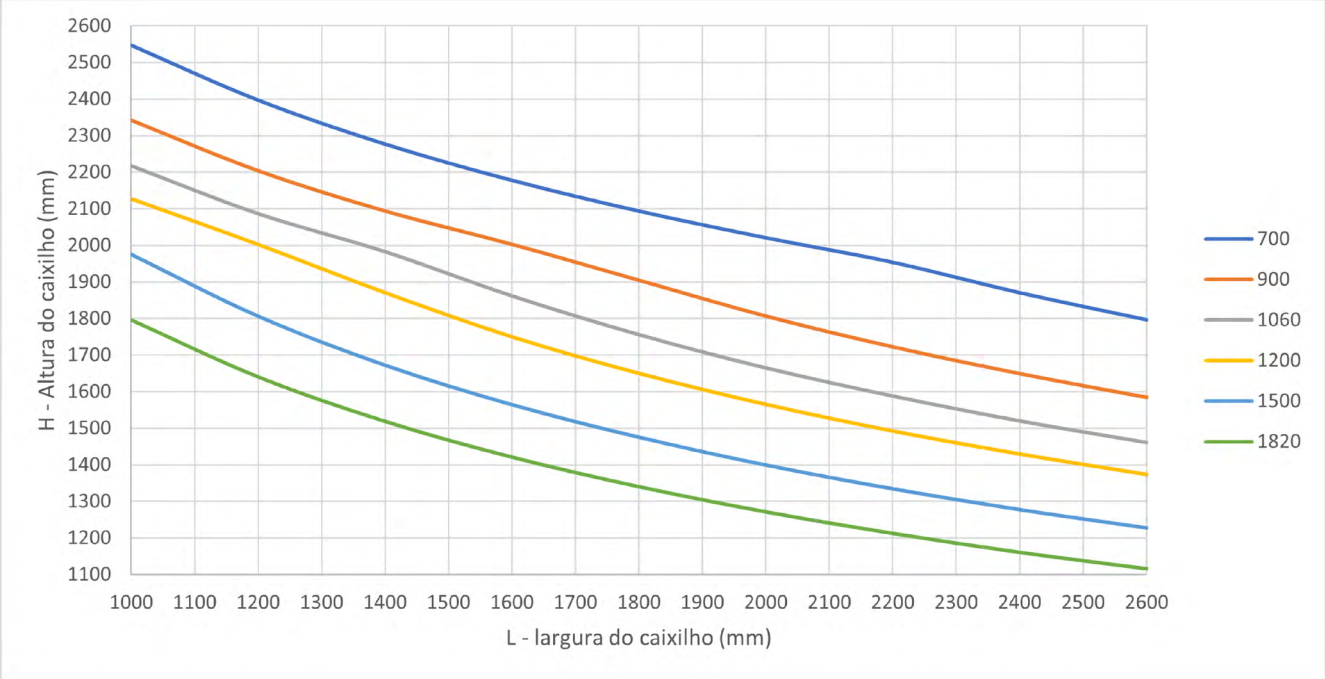




VG-737		
Jx	180.848	mm4
Wx	4.855	mm3

VG-731		
Jx	7.385	mm4
Wx	696	mm3



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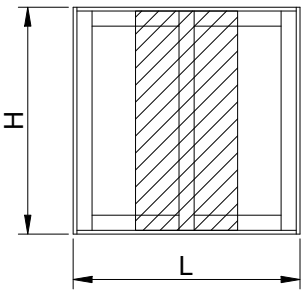
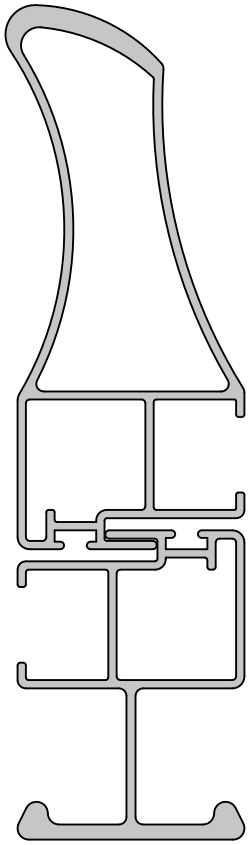
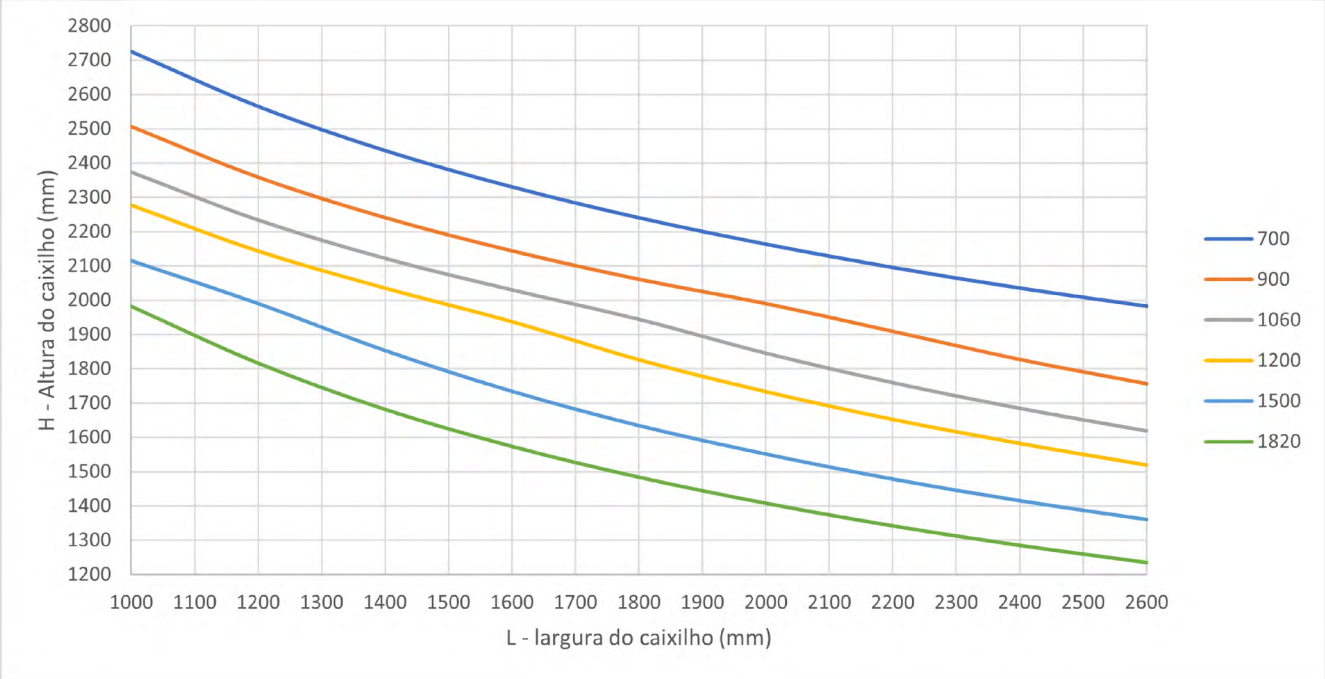




VG-737		
Jx	180.848	mm4
Wx	4.855	mm3

VG-732		
Jx	50.044	mm4
Wx	2.245	mm3



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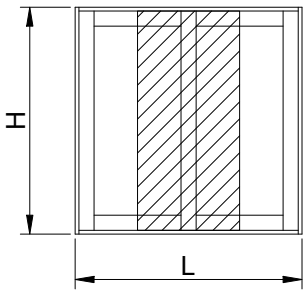
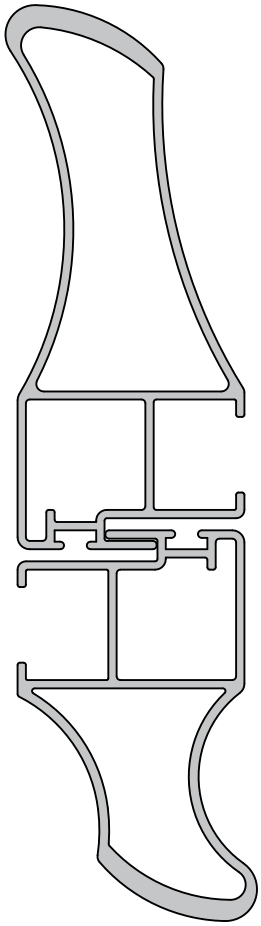
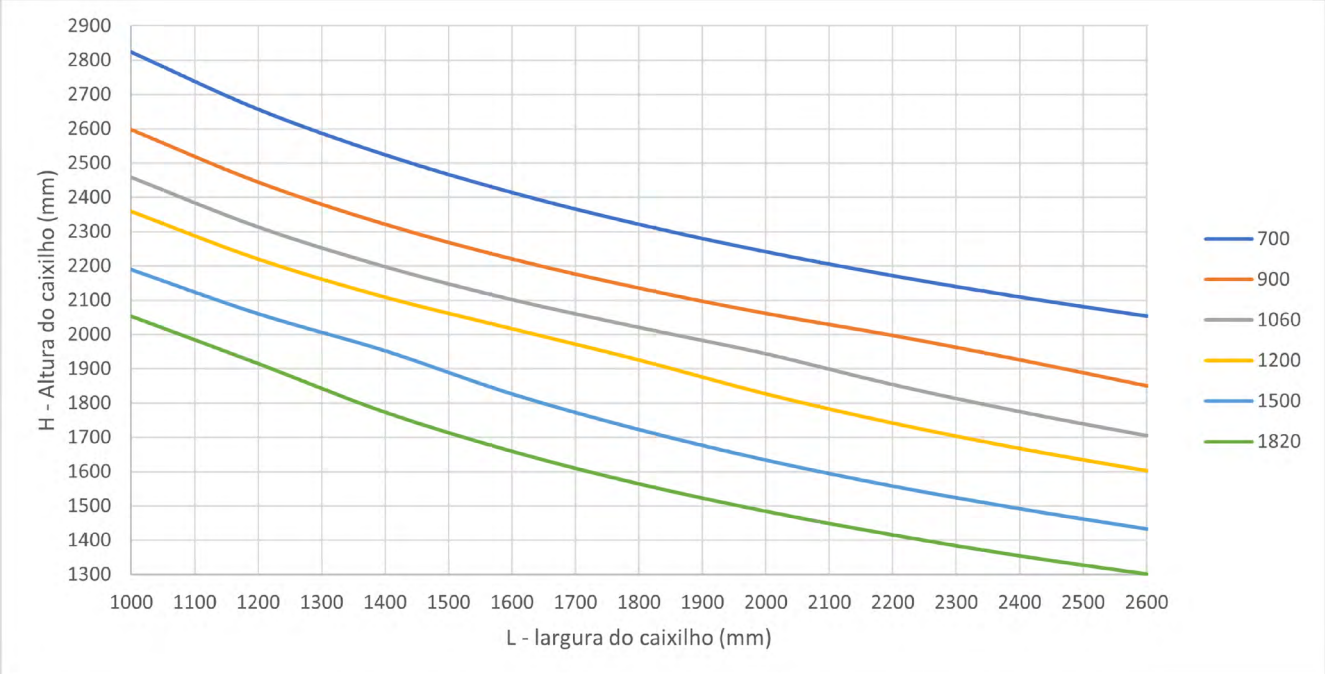




VG-737		
Jx	180.848	mm4
Wx	4.855	mm3

VG-736		
Jx	75.641	mm4
Wx	2.893	mm3



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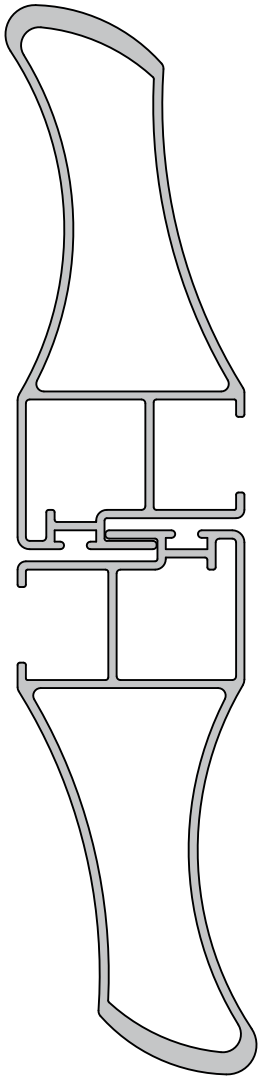
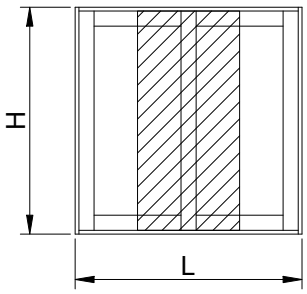
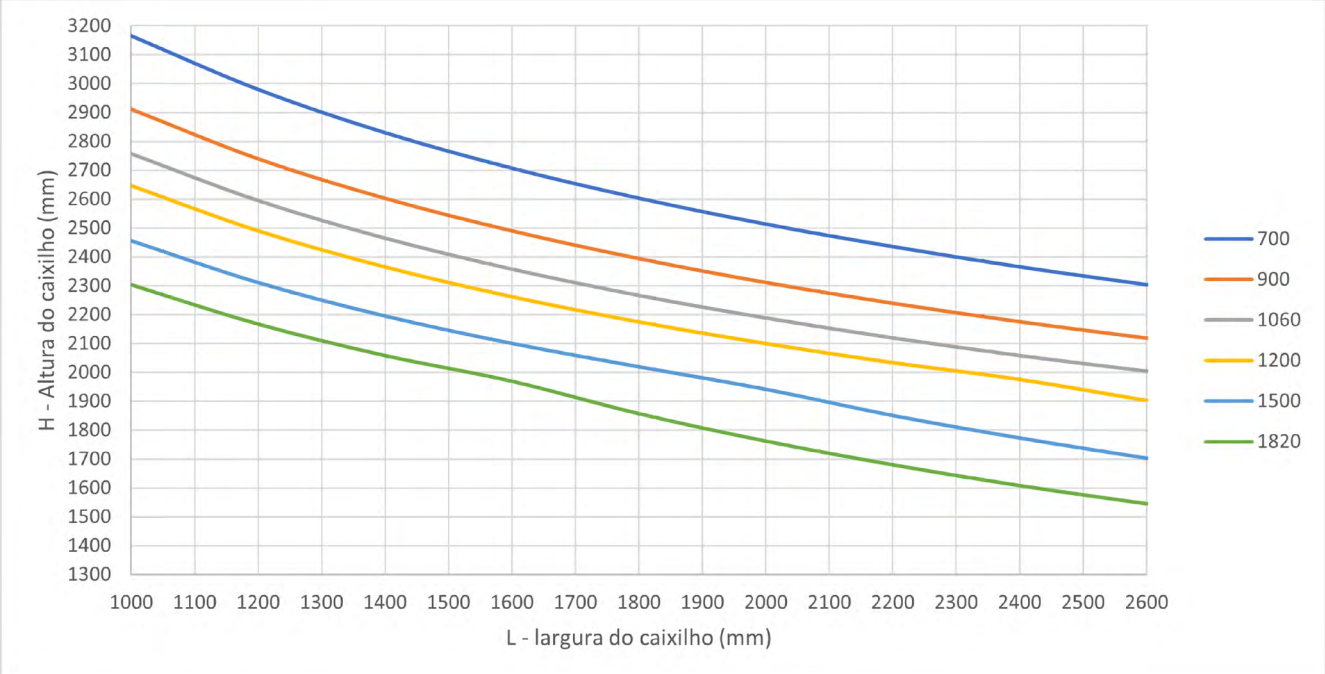




VG-737		
Jx	180.848	mm4
Wx	4.855	mm3

VG-737		
Jx	180.848	mm4
Wx	4.855	mm3



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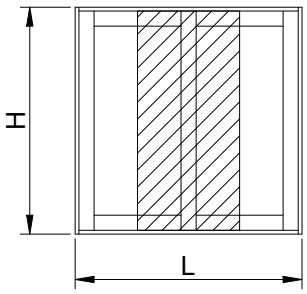
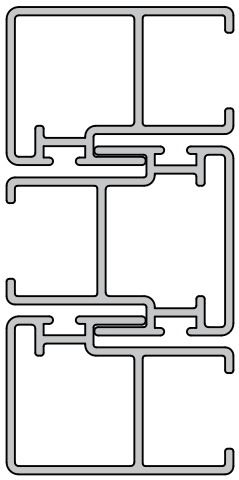
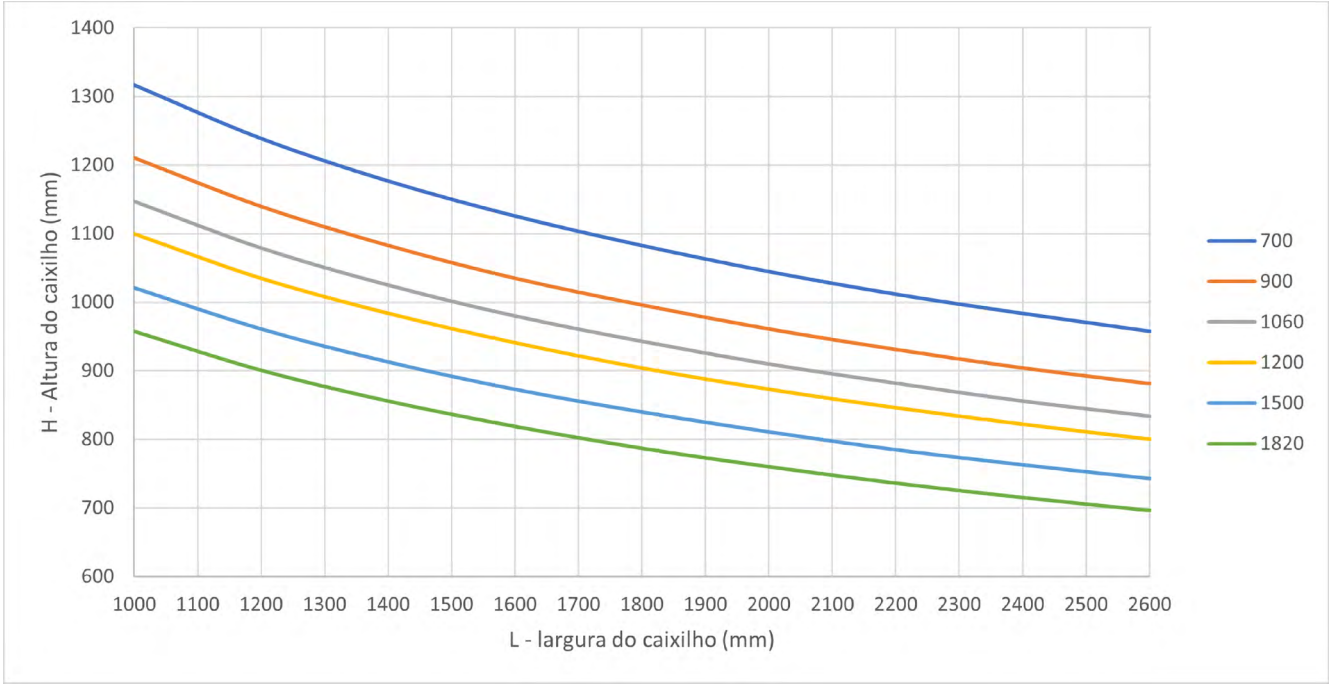


VG-731		
Jx	7.385	mm4
Wx	696	mm3

VG-830		
Jx	11.244	mm4
Wx	899	mm3

VG-731		
Jx	7.385	mm4
Wx	696	mm3





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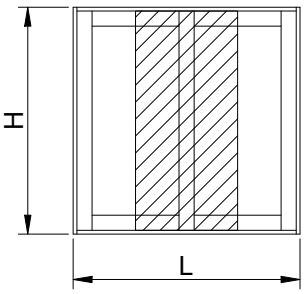
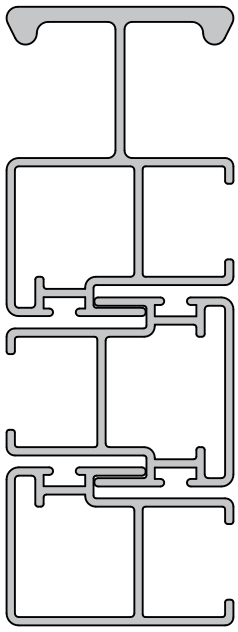
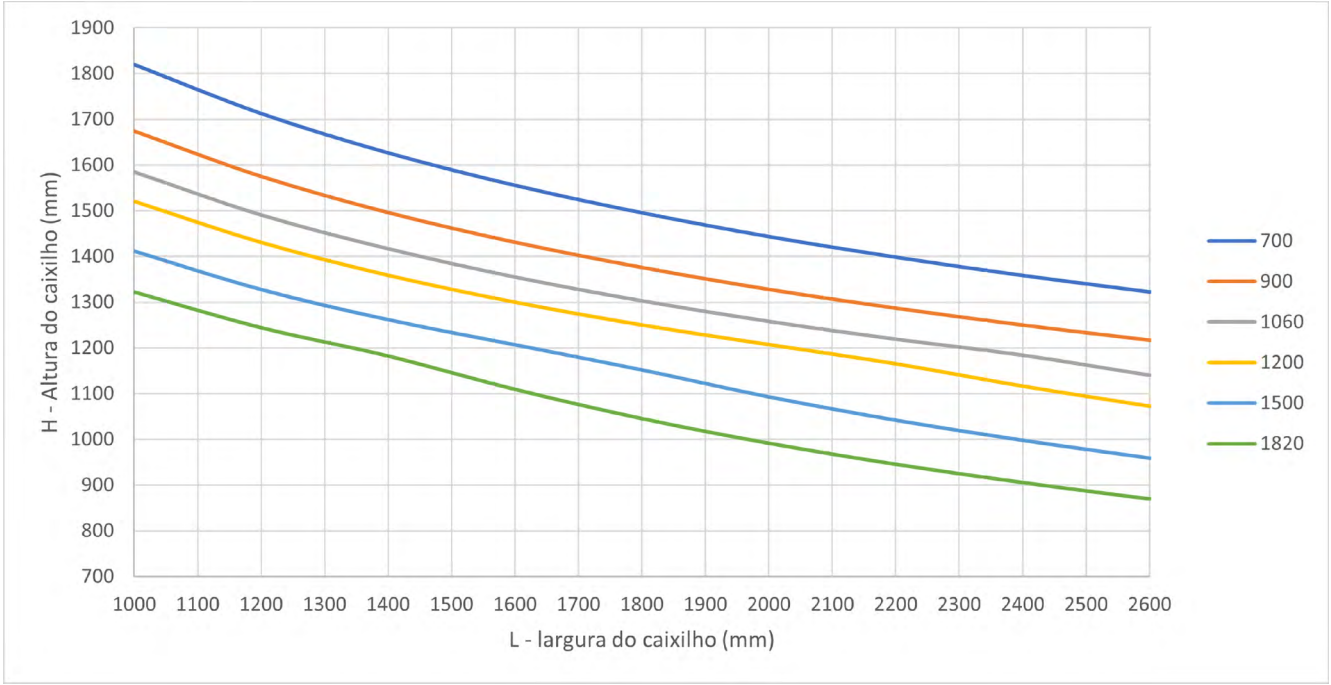


VG-732		
Jx	50.044	mm4
Wx	2.245	mm3

VG-830		
Jx	11.244	mm4
Wx	899	mm3

VG-731		
Jx	7.385	mm4
Wx	696	mm3





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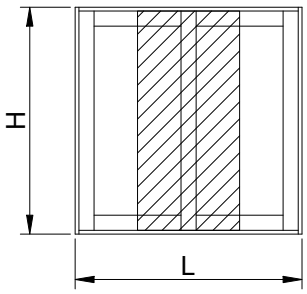
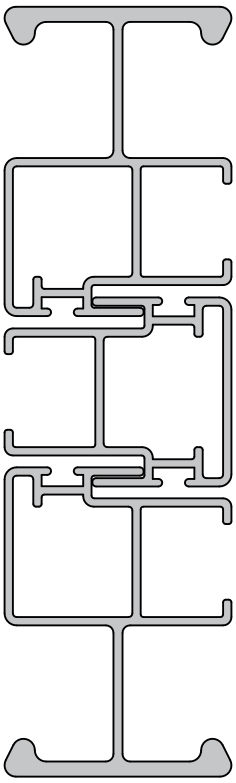
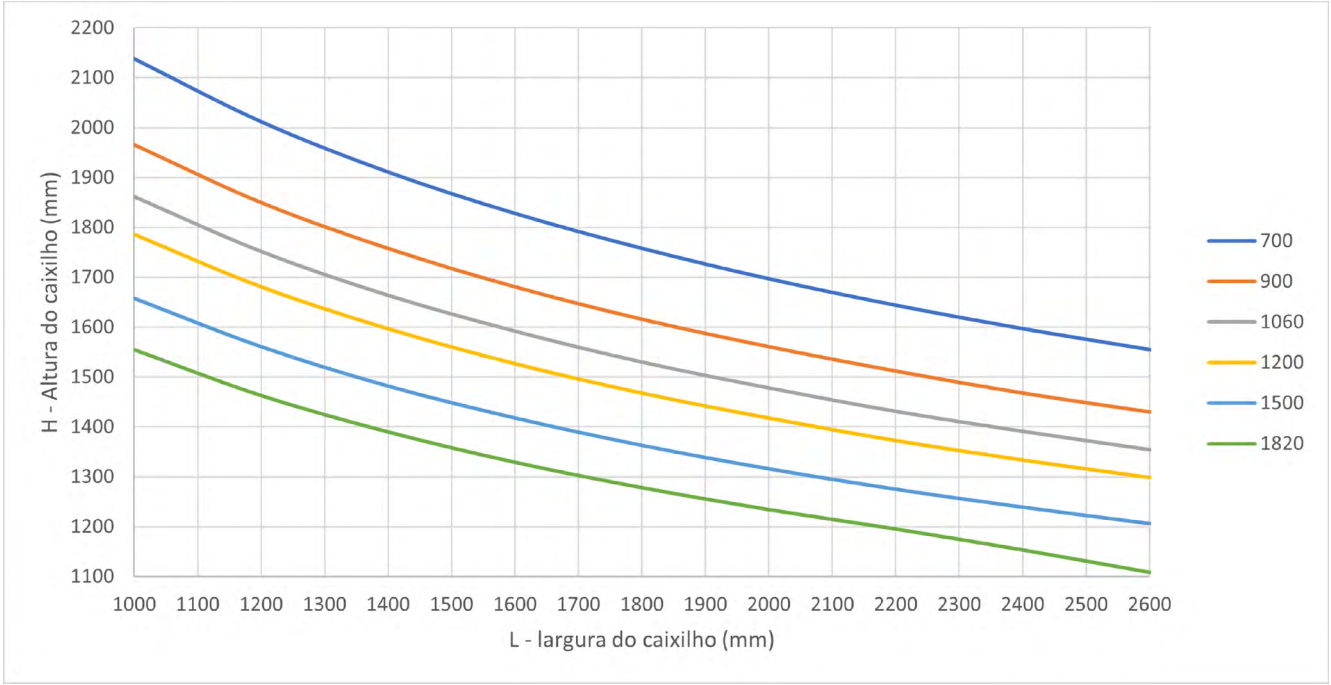


VG-732		
Jx	50.044	mm4
Wx	2.245	mm3

VG-830		
Jx	11.244	mm4
Wx	899	mm3

VG-732		
Jx	50.044	mm4
Wx	2.245	mm3





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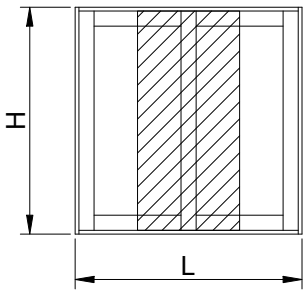
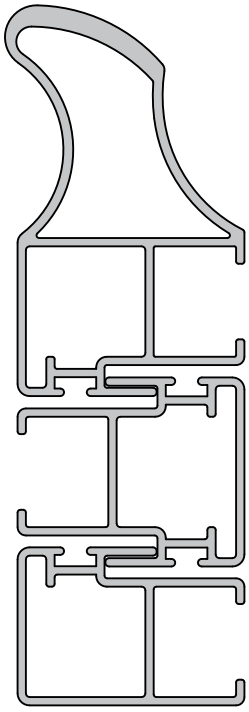
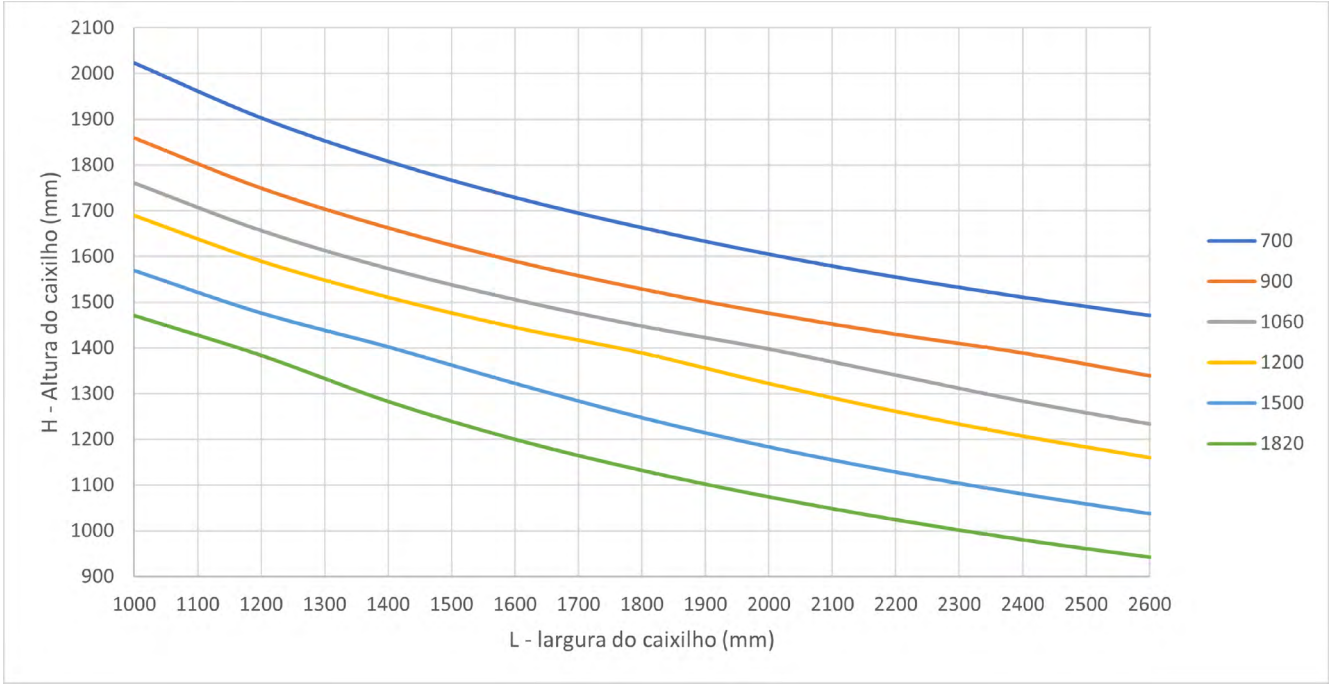




VG-736		
Jx	75.641	mm4
Wx	2.893	mm3

VG-830		
Jx	11.244	mm4
Wx	899	mm3

VG-731		
Jx	7.385	mm4
Wx	696	mm3



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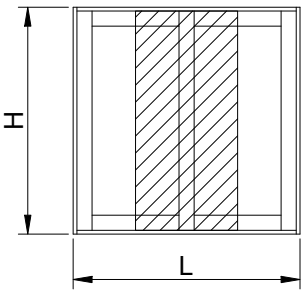
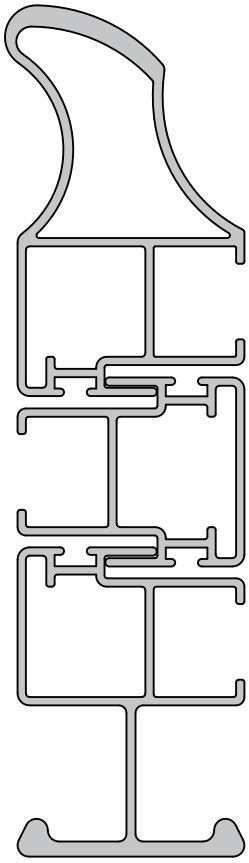
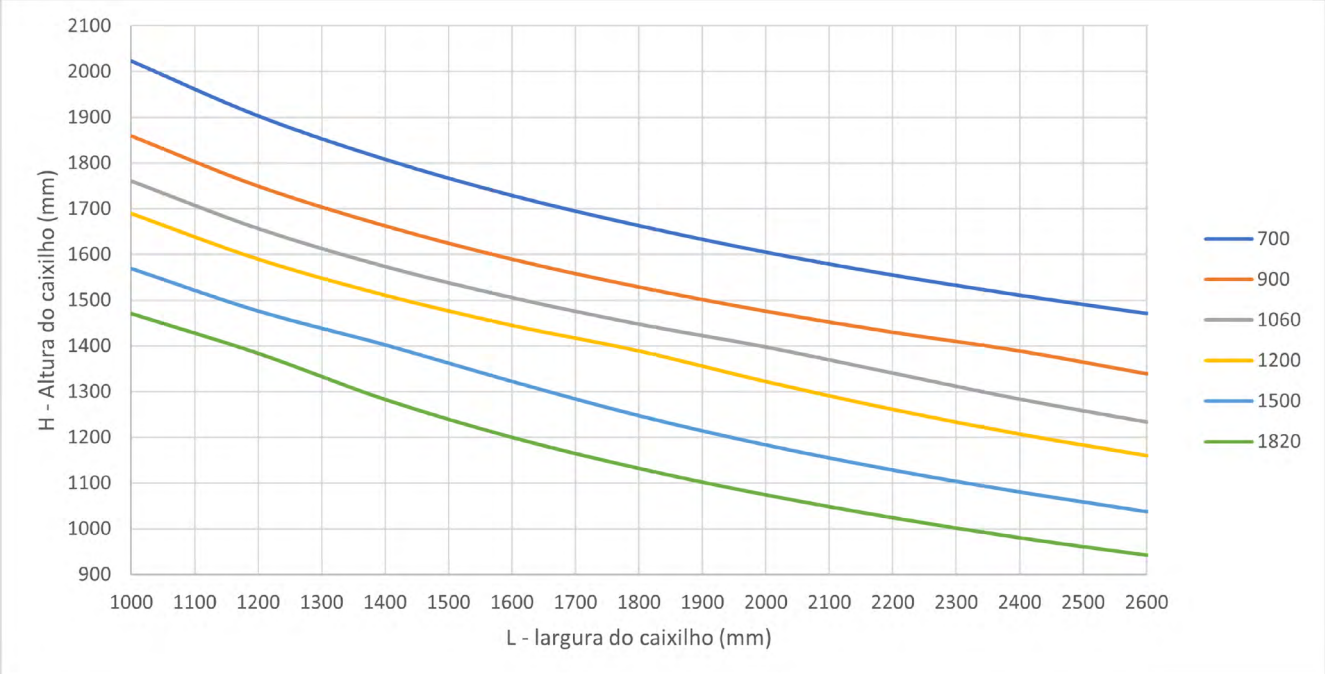




VG-736		
Jx	75.641	mm4
Wx	2.893	mm3

VG-830		
Jx	11.244	mm4
Wx	899	mm3

VG-732		
Jx	50.044	mm4
Wx	2.245	mm3



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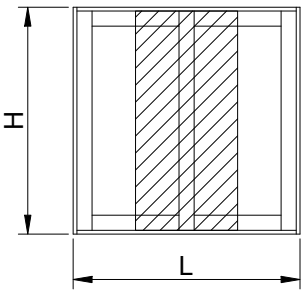

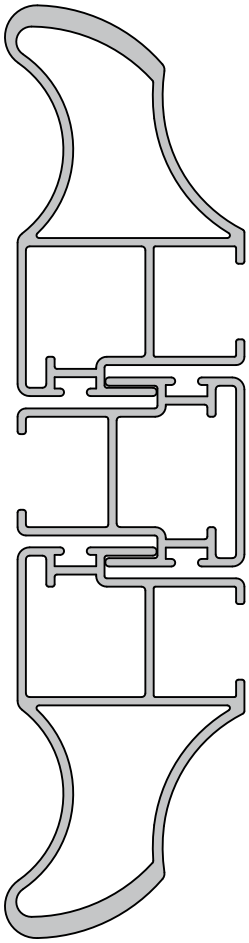

VG-736		
Jx	75.641	mm4
Wx	2.893	mm3

VG-830		
Jx	11.244	mm4
Wx	899	mm3

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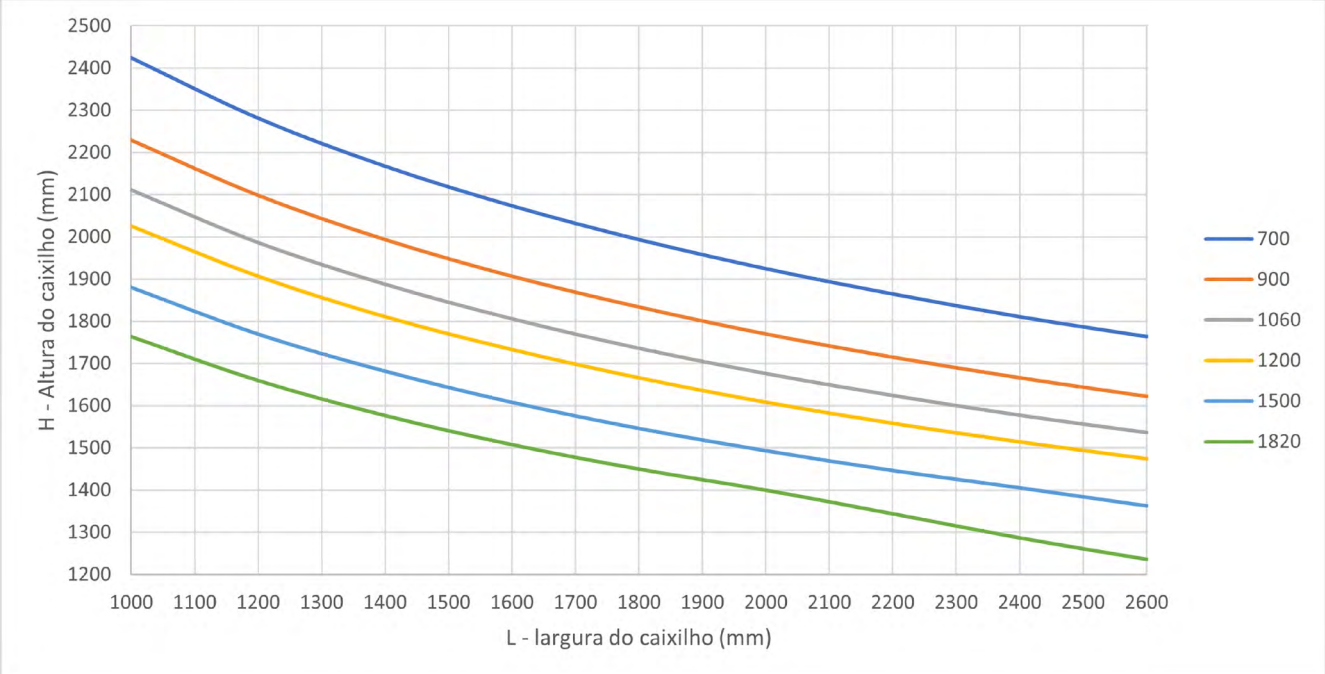
Jx	75.641	mm4
Wx	2.893	mm3



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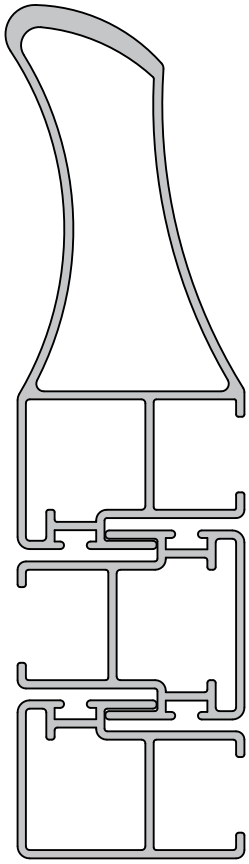

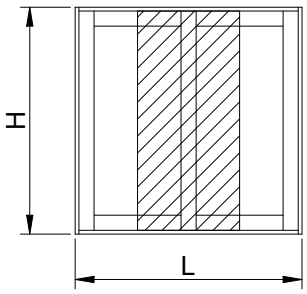

VG-737		
Jx	180.848	mm4
Wx	4.855	mm3

VG-830		
Jx	11.244	mm4
Wx	899	mm3

VG-731		
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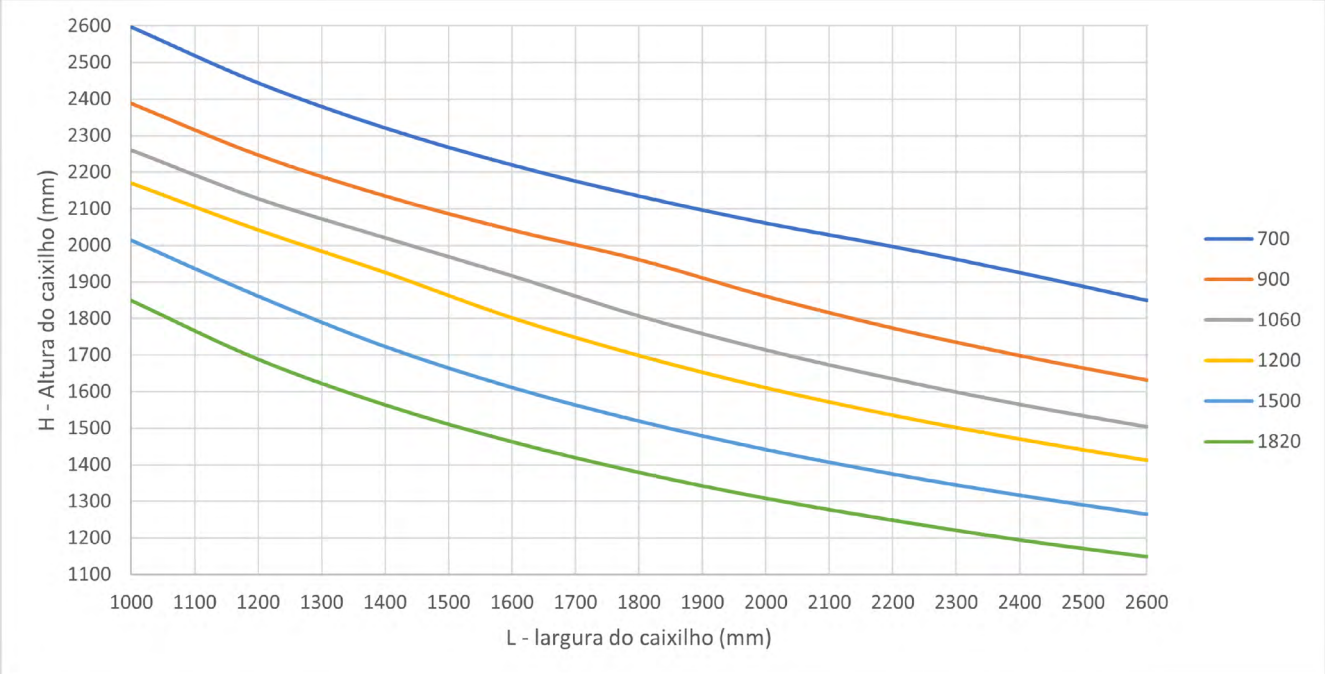

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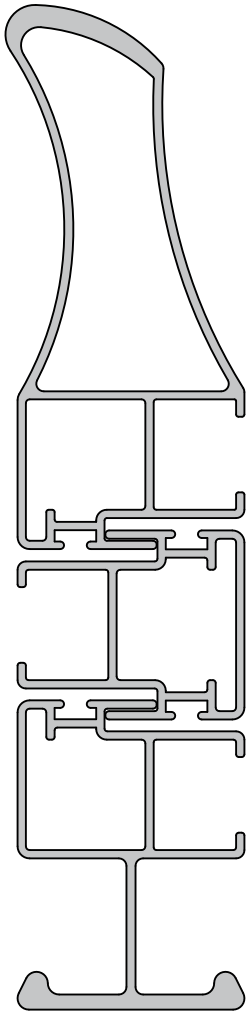

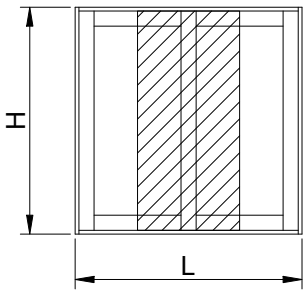

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VG-732		
Jx	50.044	mm4
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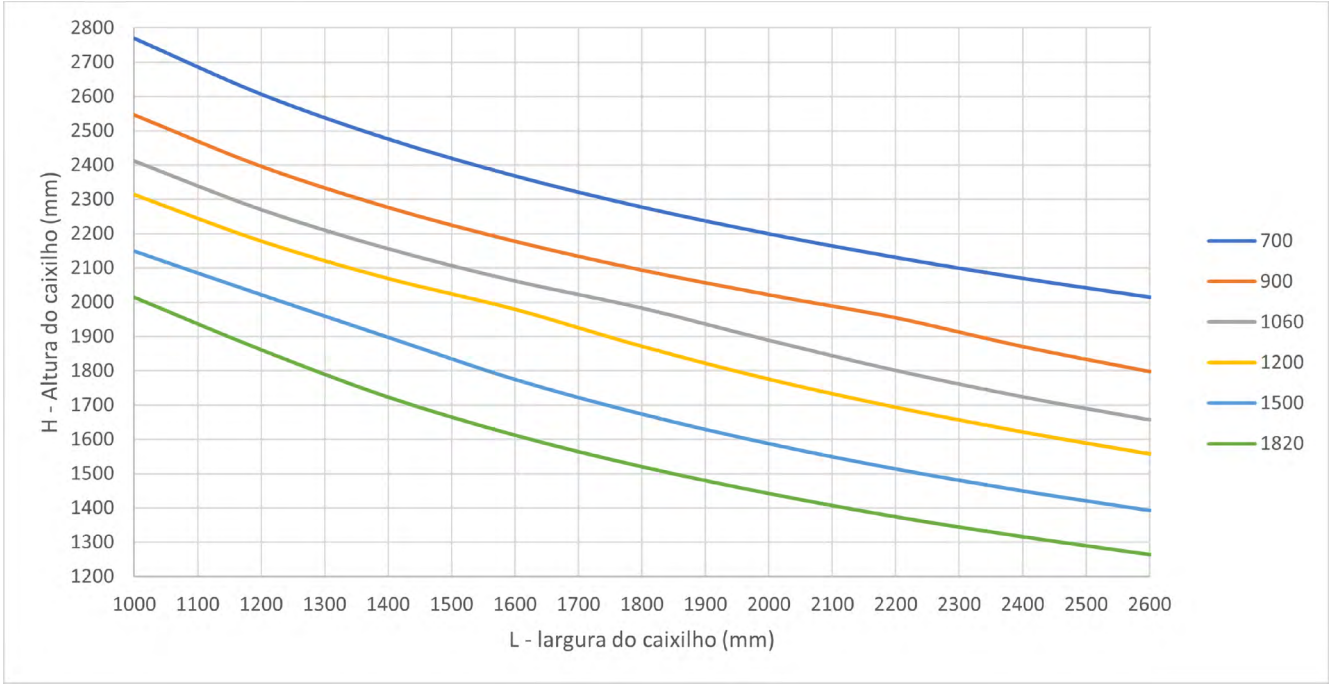

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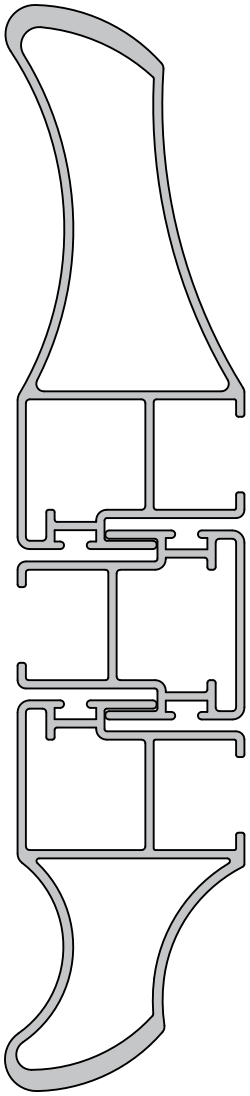

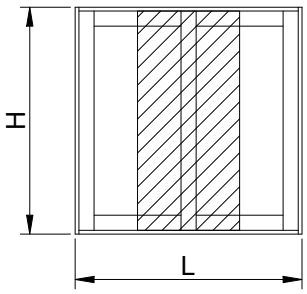

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Jx	180.848	mm4
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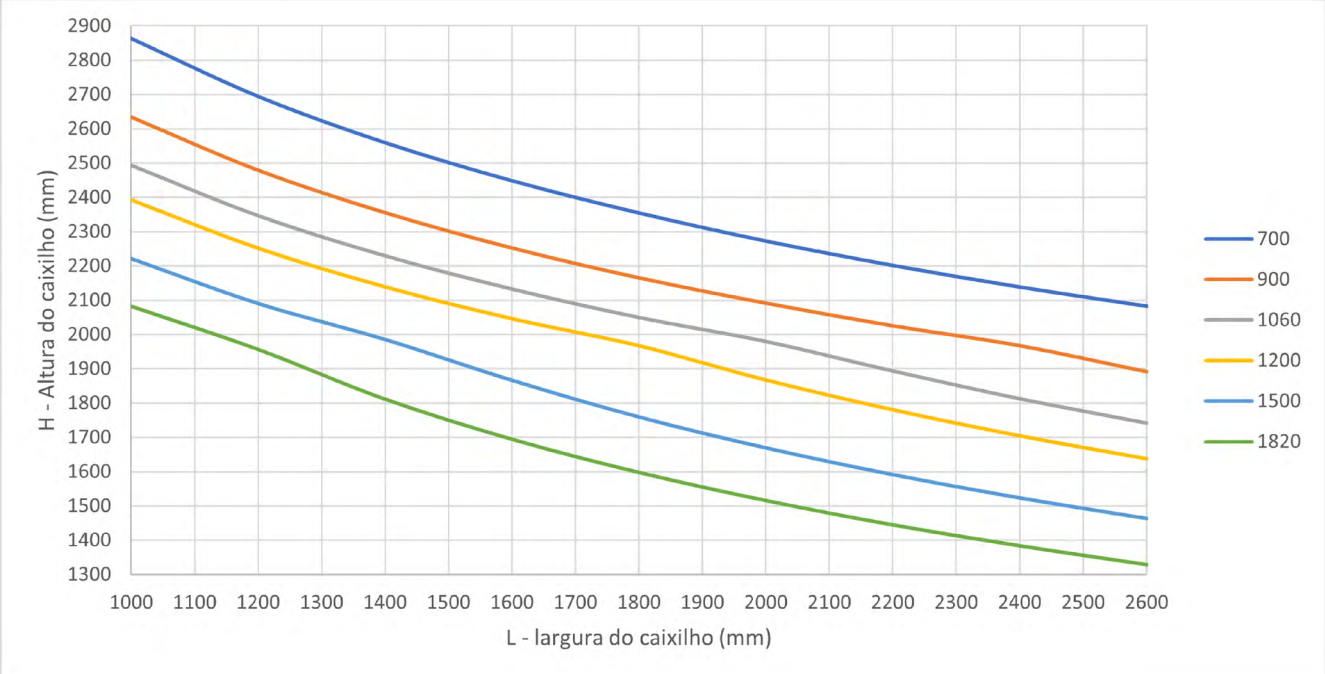
VG-830		
Jx	11.244	mm4
Wx	899	mm3

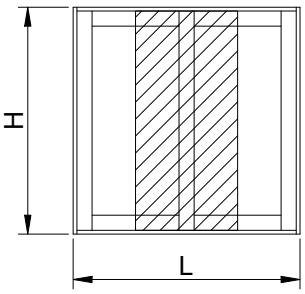
VG-736		
Jx	75.641	mm4
Wx	2.893	mm3



* O gráfico de disperção prevê flecha máxima permitida pela NBR 10821/2023 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.

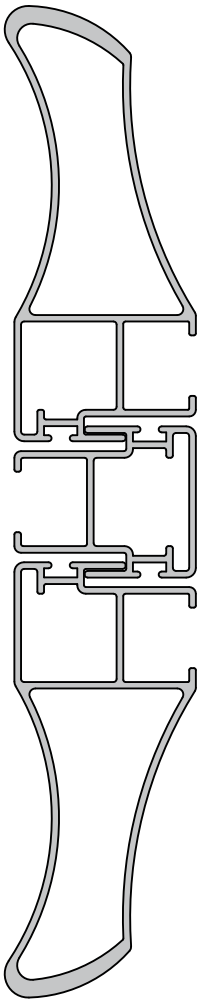
PRESSÃO DE VENTO



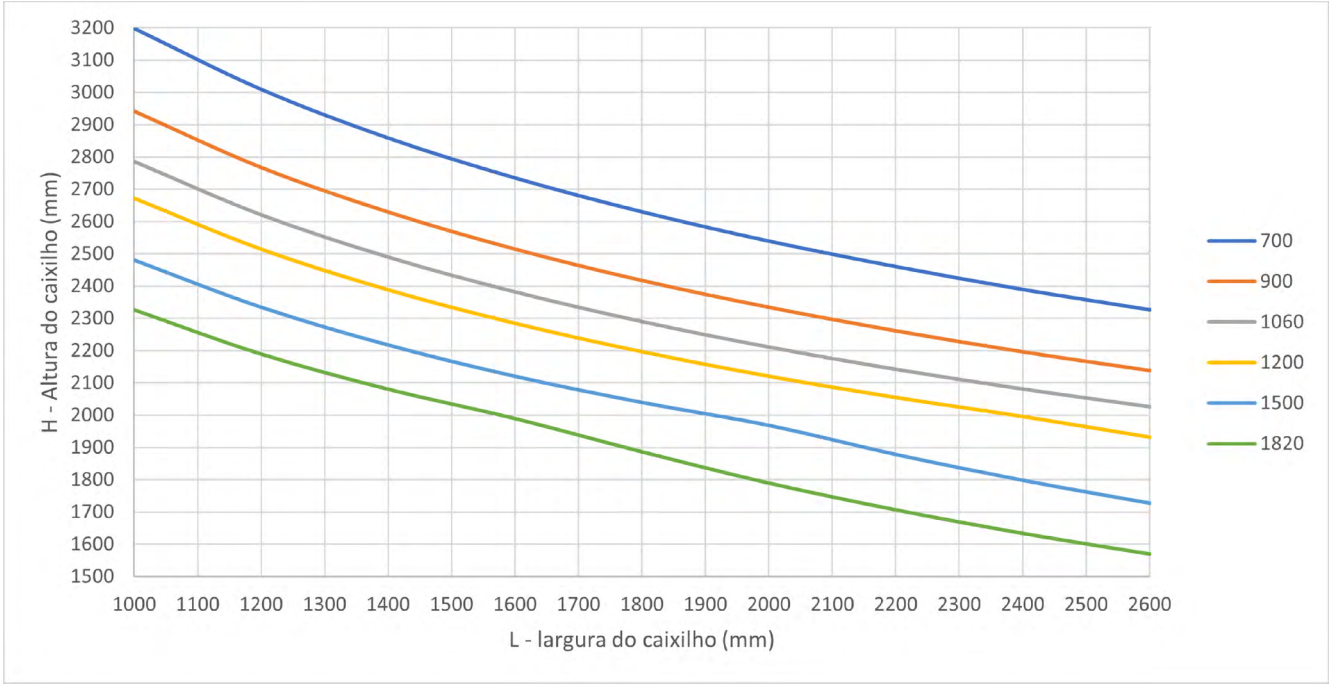
VG-737		
Jx	180.848	mm4
Wx	4.855	mm3

VG-830		
Jx	11.254	mm4
Wx	900	mm3

VG-737		
Jx	180.848	mm4
Wx	4.855	mm3



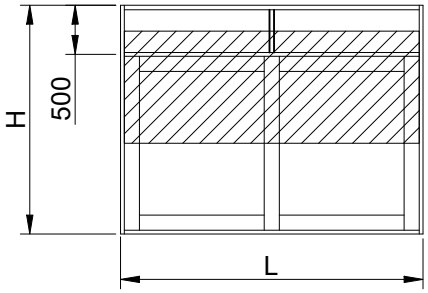
SEM ESCALA



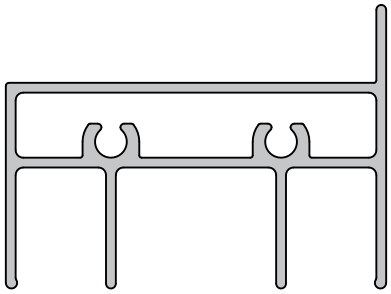
* O gráfico de disperção prevê flecha máxima permitida pela NBR 10821/2023 e também as máximas tensões suportadas pelo material - liga 6060 T5 coeficiente de segurança já aplicado

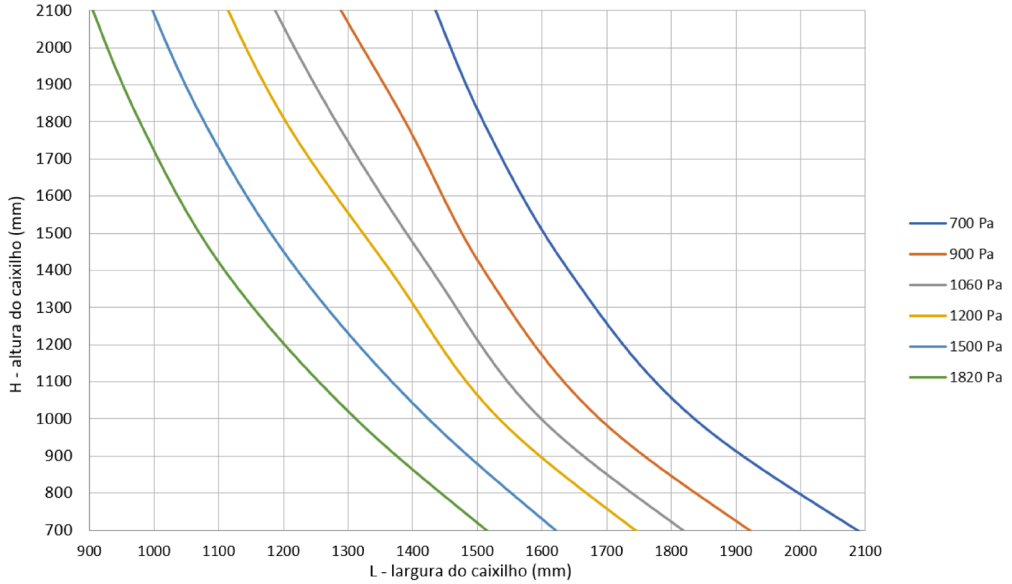
* As dimensões de folhas contidas neste gráfico, não contemplam máximas cargas suportadas pelas roldanas. Deve-se estudar caso a caso na seção dos componentes.

PRESSÃO DE VENTO



ALG-988		
Jy	70.520	mm4
Wy	2.692	mm3

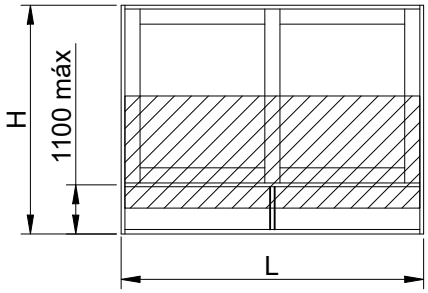




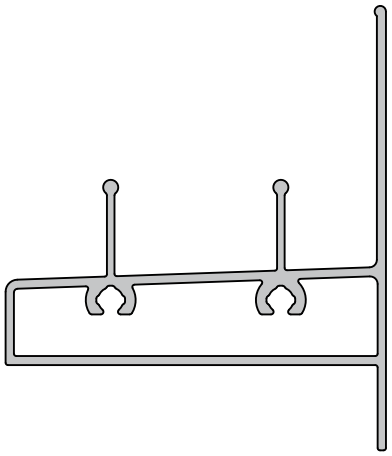
* O gráfico de disperção prevê flecha máxima permitida pela NBR 10821/2023 e também as máximas tensões suportadas pelo material - liga 6060 T5 coeficiente de segurança já aplicado

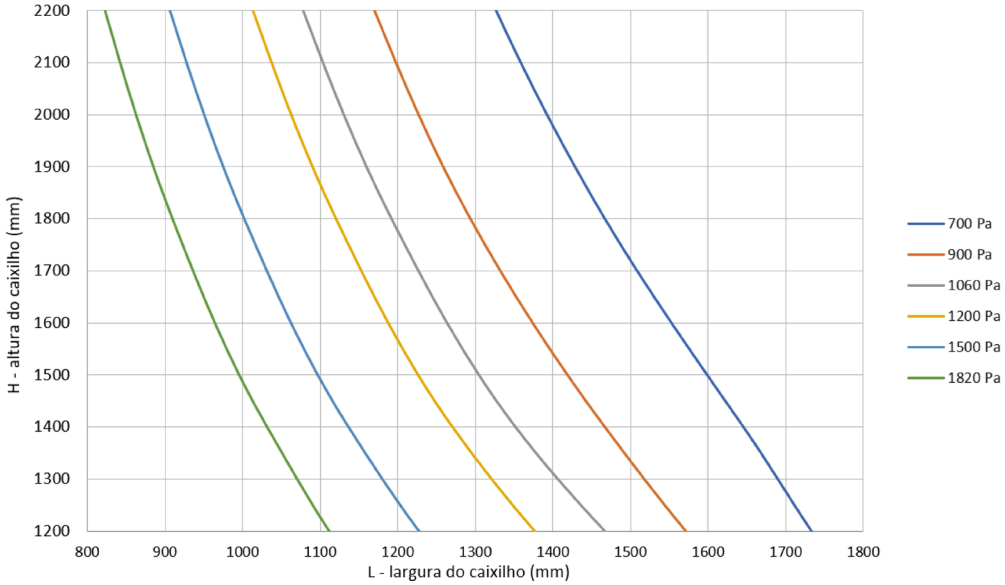
* As dimensões de folhas contidas neste gráfico, não contemplam máximas cargas suportadas pelas roldanas. Deve-se estudar caso a caso na seção dos componentes.

PRESSÃO DE VENTO



ALG-987		
Jy	71.084	mm4
Wy	2.331	mm3

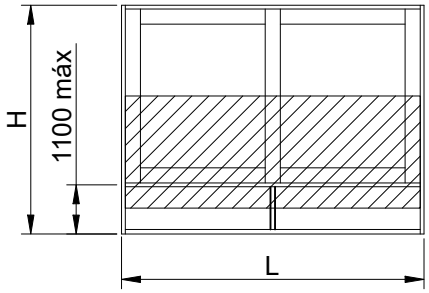




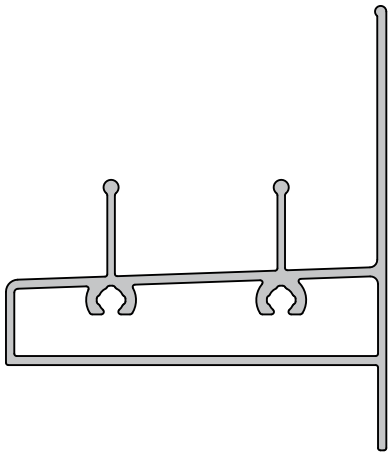
* O gráfico de disperção prevê flecha máxima permitida pela NBR 10821/2023 e também as máximas tensões suportadas pelo material - liga 6060 T5 coeficiente de segurança já aplicado

* 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



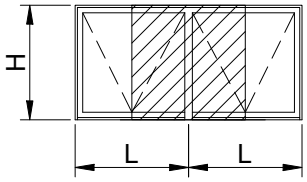
ALG-987		
Jy	71.084	mm4
Wy	2.331	mm3



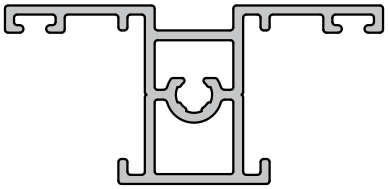
Carga de Uso Conforme NBR-14718/2019					
Aplicação	**Quantidade de Pavimentos**	**Altura Máxima m**	**Região do Pais**	**Carga de Uso N/m**	**Largura Máxima m**
Residencial ou Comercial de uso privativo e áreas técnicas	30	90	I	400	1800
			II	500	1600
			III	650	1400
			IV	800	1300
			V	1000	1150

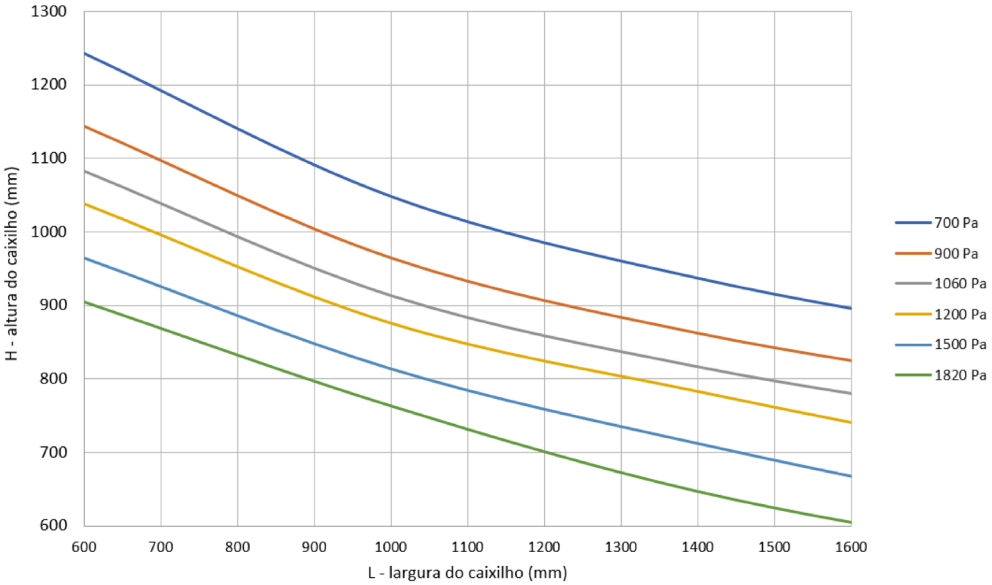
* A tabela acima mostra as medidas máximas conforme NBR 14718/2019 para carga de uso.

PRESSÃO DE VENTO



ALG-898		
Jx	13.132	mm4
Wx	914	mm3





* O gráfico de disperção prevê flecha máxima permitida pela NBR 10821/2023 e também as máximas tensões suportadas pelo material - liga 6060 T5 coeficiente de segurança já aplicado

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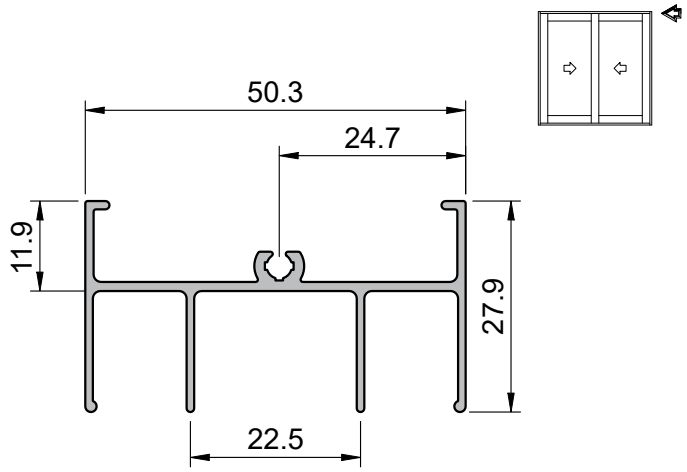
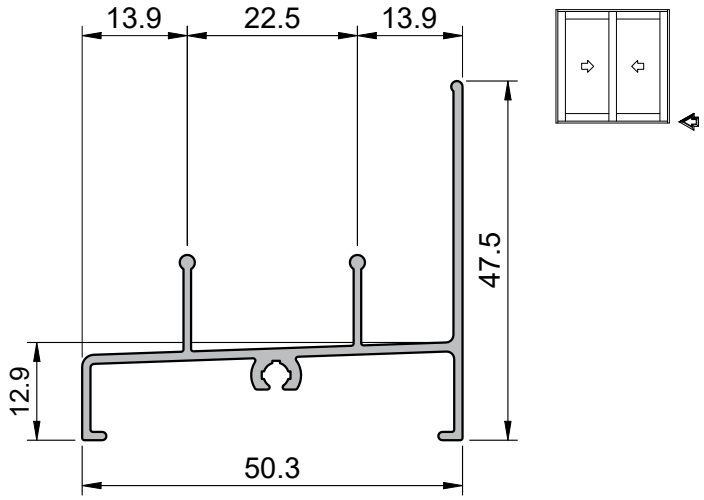
3

Perfis

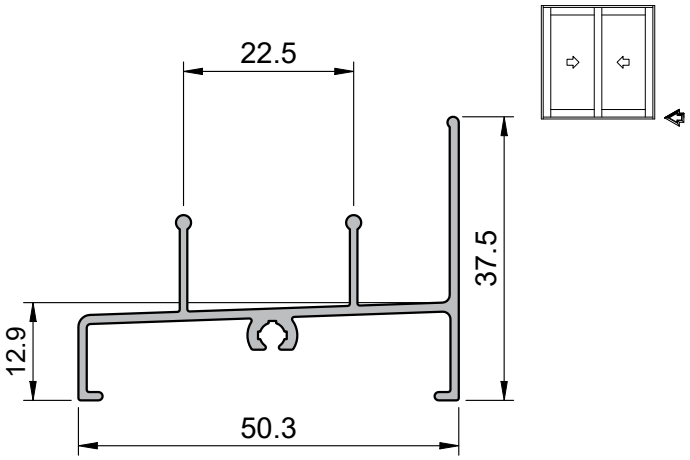
VG-250	Trilho Sup. 2 Plano
	0,458 Kg/m



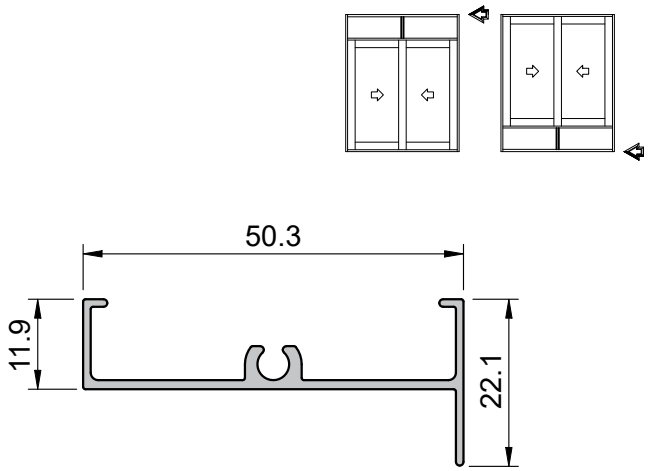
VG-210	Trilho Inf. 2 Plano
	0,469 Kg/m



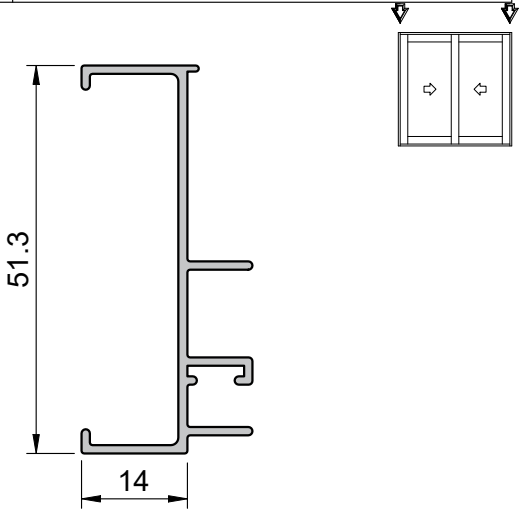
VG-215	Trilho Inf. 2 Plano
	0,437 Kg/m



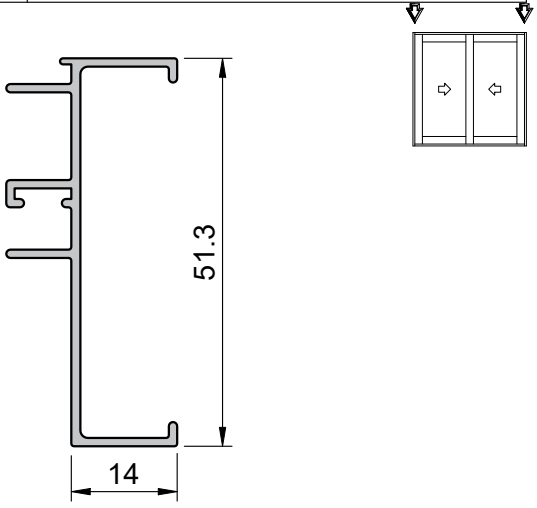
ALG-989	Marco Sup./Inf. Liso
	0,308 Kg/m



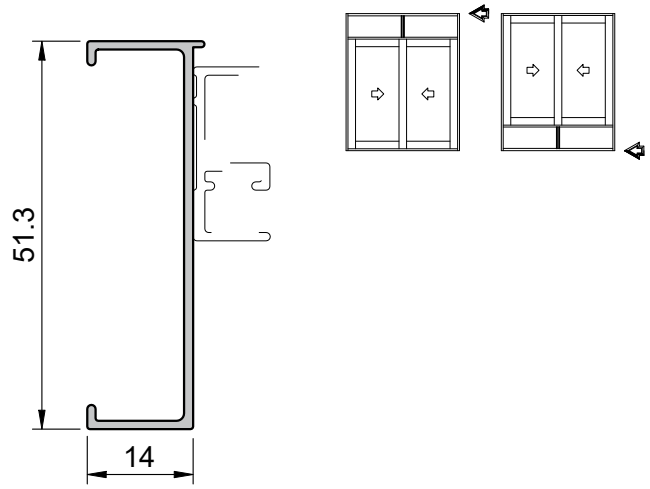
VG-271	Marco Lat. 2 Planos
	0,349 Kg/m



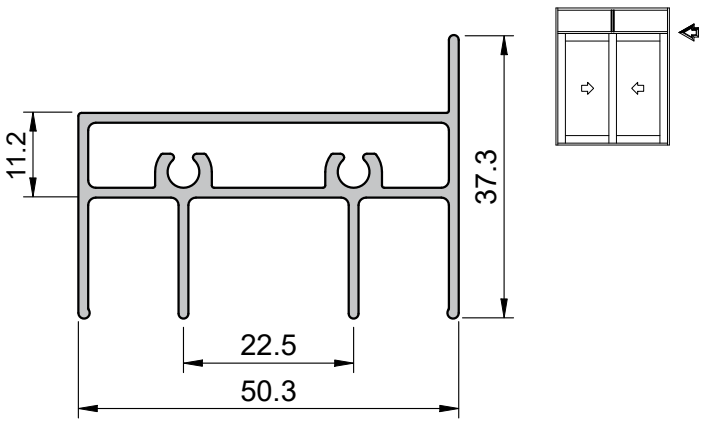
VG-272	Marco Lat. 2 Planos
	0,349 Kg/m



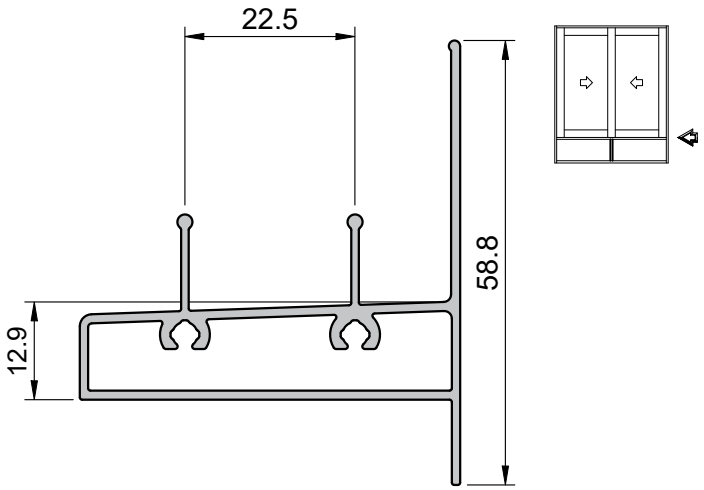
VG-270	Trilho Liso 2 Planos
	0,259 Kg/m



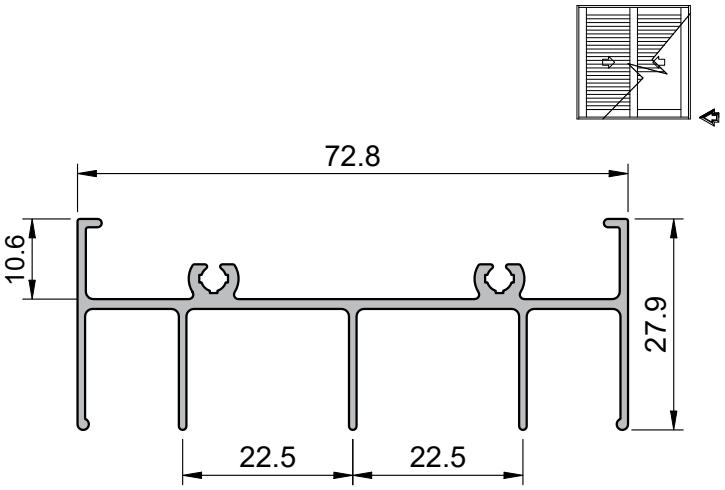
ALG-988	Travessa Sup. 2 Planos
	0,775 Kg/m
Jy = 84.200 mm^4 | Wy = 3.203 mm^3	



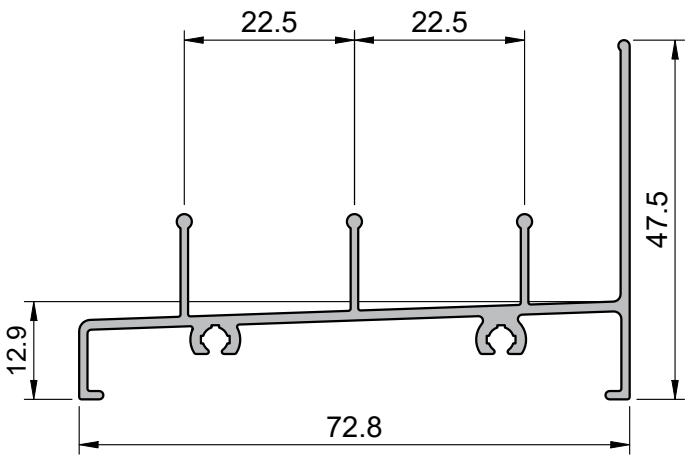
ALG-987	Travessa Inf. 2 Planos
	0,688 Kg/m
Jy = 0 mm^4 | Wy = 0 mm^3	



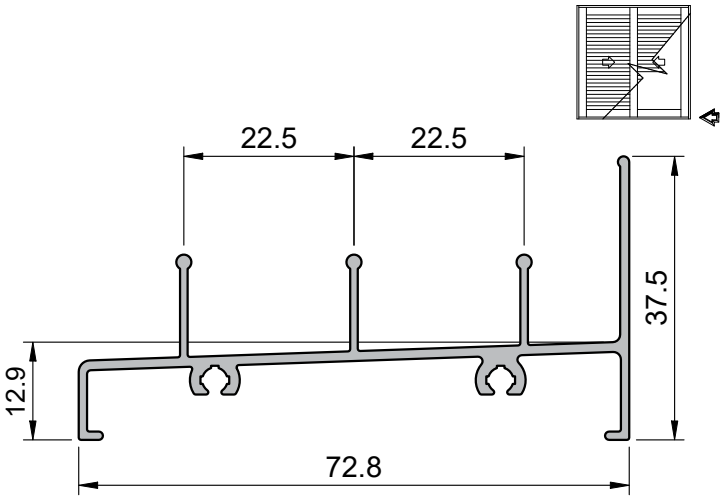
VG-350	Trilho Sup. 3 Planos
	0,651 Kg/m



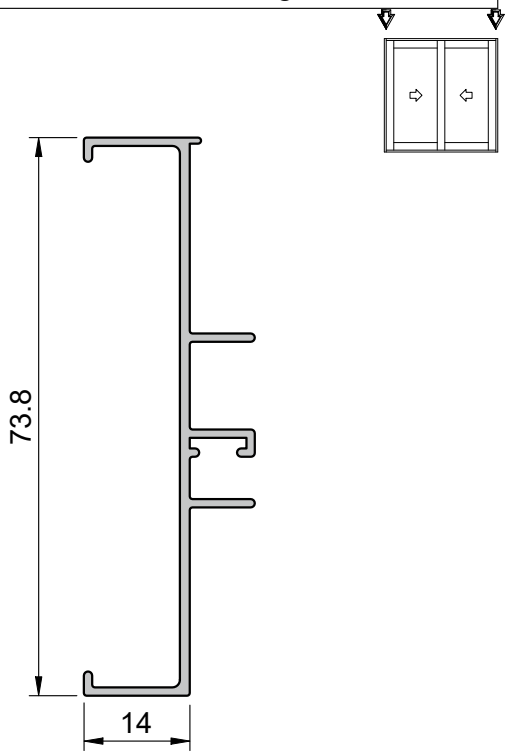
VG-315	Trilho Inf. 3 Planos
	0,647 Kg/m



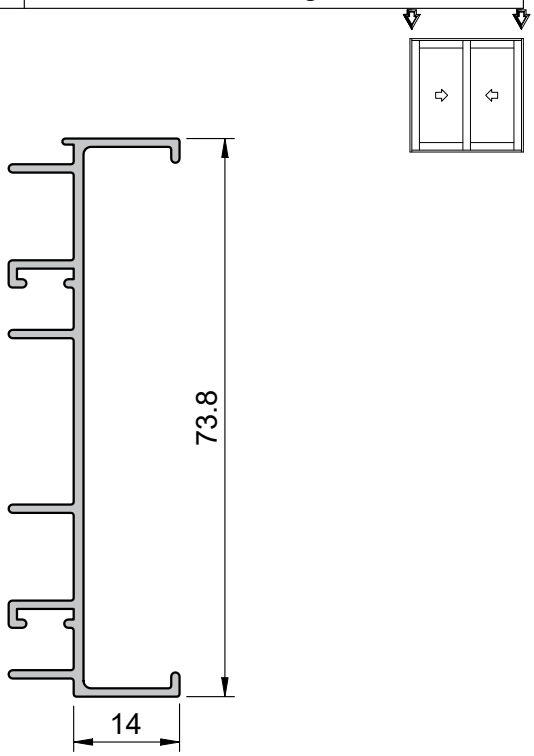
VG-310	Trilho Inf. 3 Planos
	0,614 Kg/m



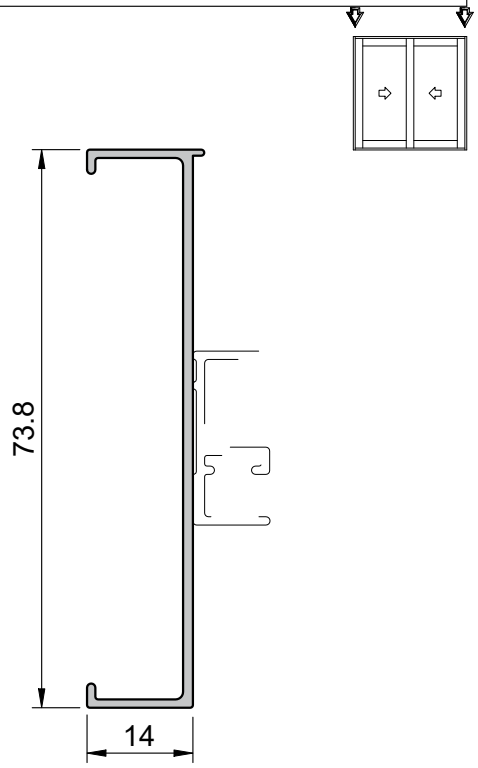
VG-371	Marco Lat. 3 Planos
	0,449 Kg/m



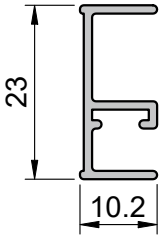
VG-372	Marco Lat. 3 Planos
	0,532 Kg/m



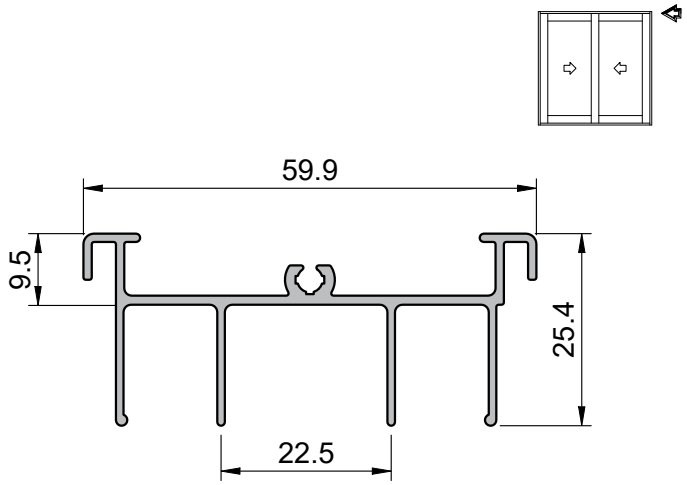
VG-370	Marco Lat. Liso 3 Planos
	0,351 Kg/m



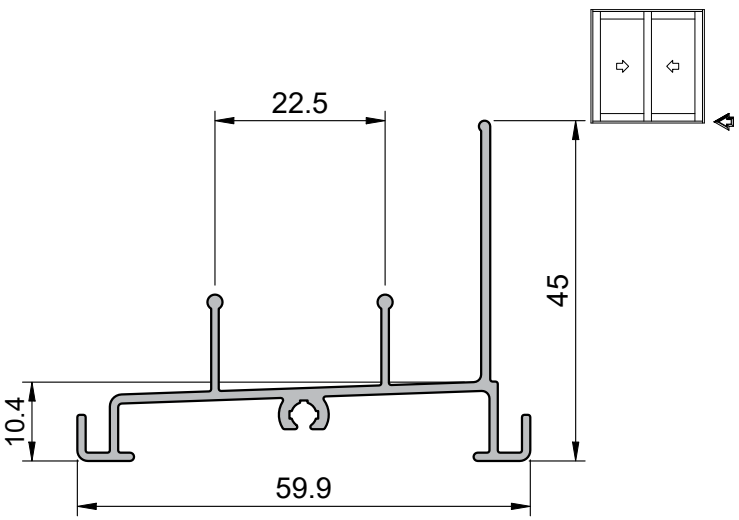
VG-970	Mata Junta Lateral
	0,161 Kg/m



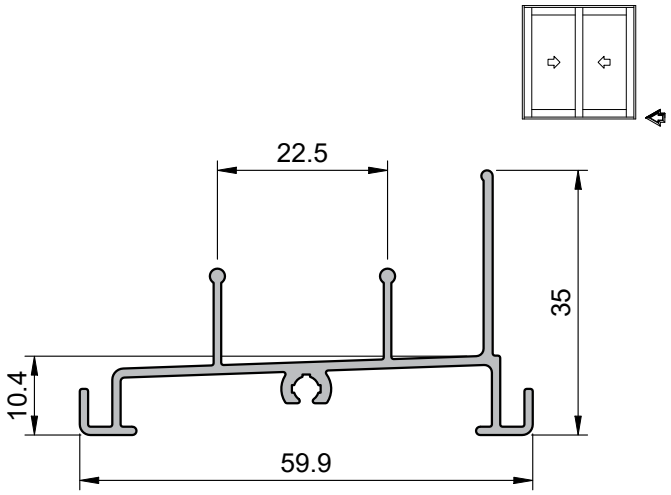
VG-251	Trilho Sup. 2 Planos
	0,500 Kg/m



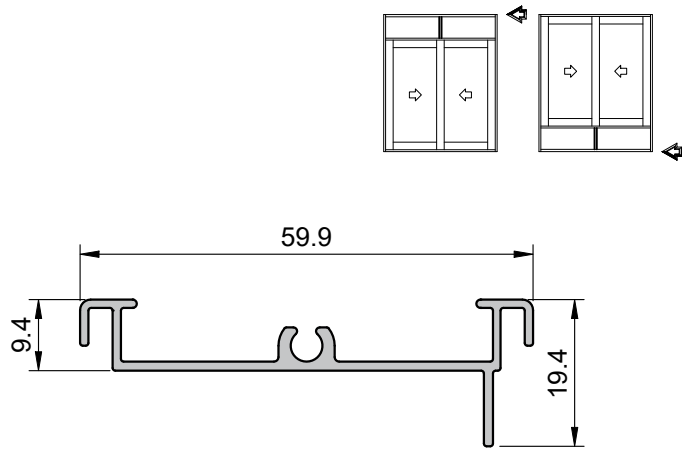
VG-211	Trilho Inf. 2 Planos
	0,511 Kg/m



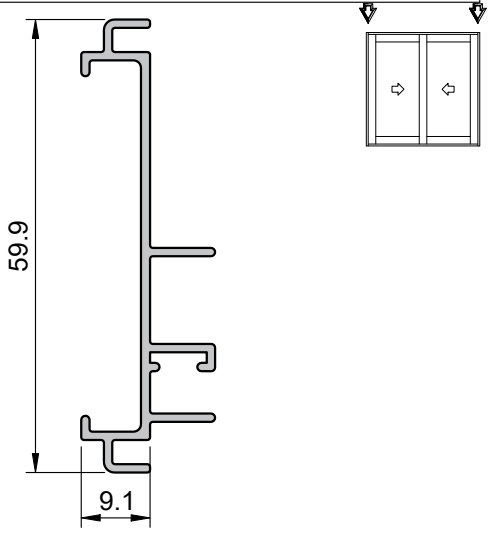
VG-216	Trilho Inf. 2 Planos
	0,479 Kg/m



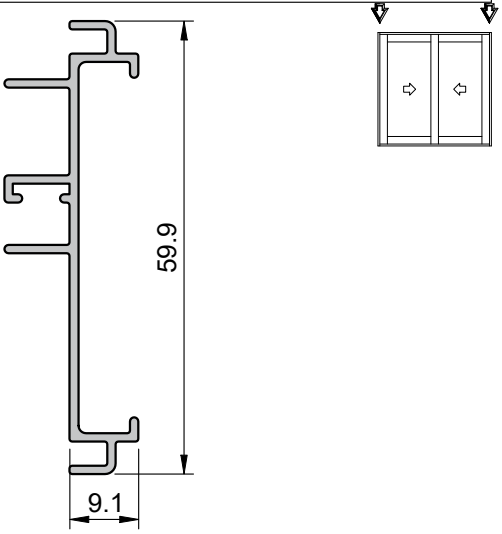
VG-20201	Marco Sup./Inf. Liso
	0,357 Kg/m



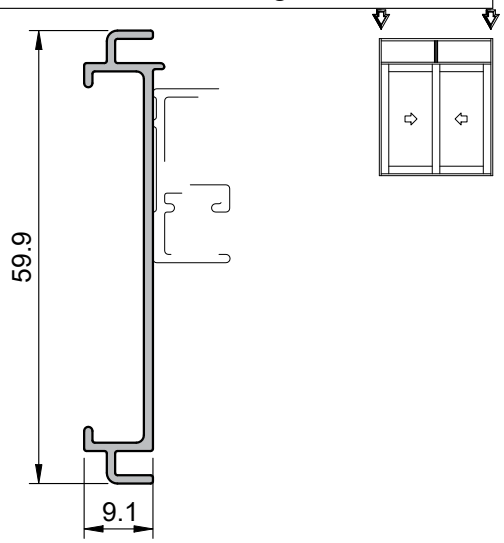
VG-273	Marco Lat. 2 Planos
	0,370 Kg/m



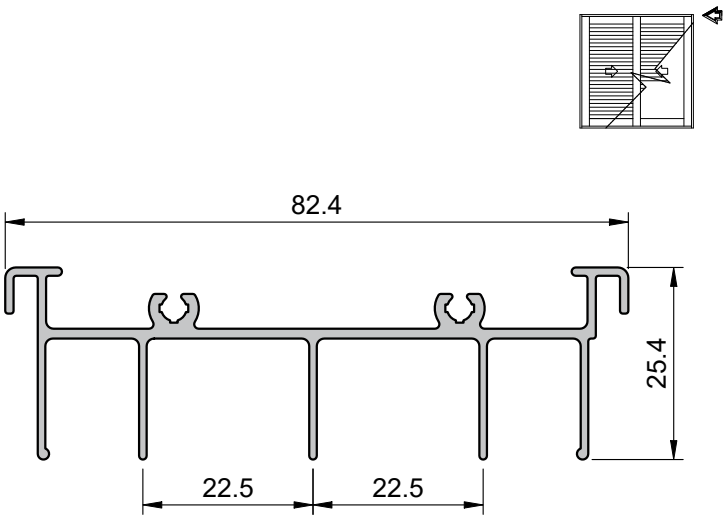
VG-274	Marco Lat. 2 Planos
	0,370 Kg/m



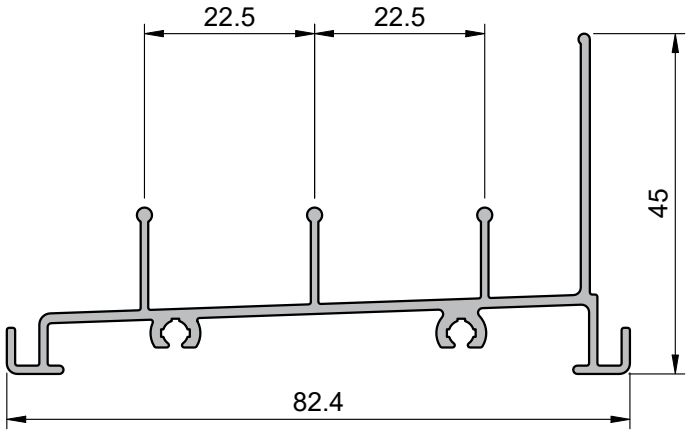
VG-40301	Marco Lat. Liso 2 Planos
	0,282 Kg/m



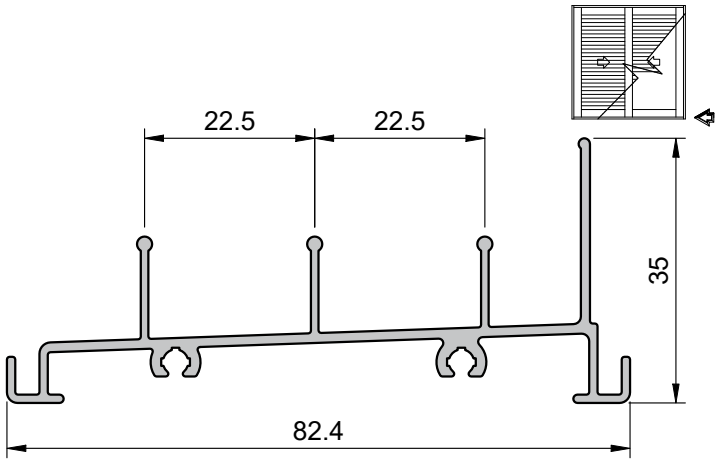
VG-351	Trilho Sup. 3 Planos
	0,693 Kg/m



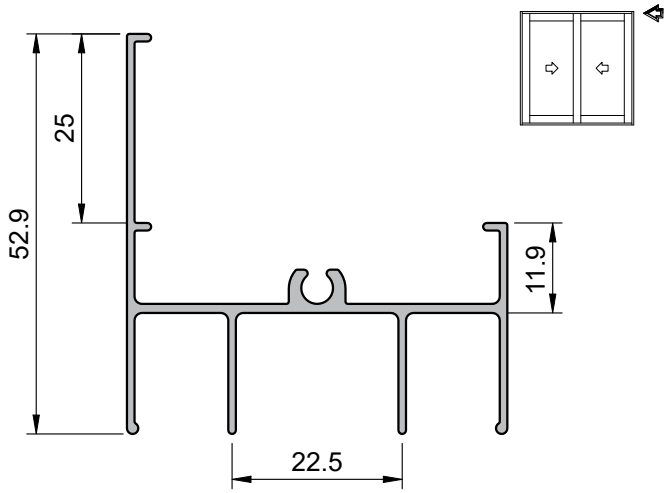
VG-316	Trilho Inf. 3 Planos
	0,689 Kg/m



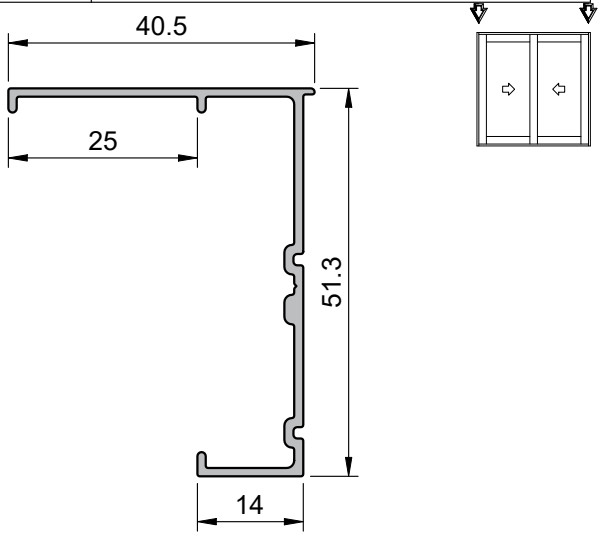
VG-311	Trilho Inf. 3 Planos
	0,656 Kg/m



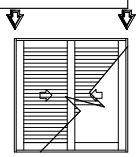
CX-3033	Trilho Sup. 2 Planos
	0,533 Kg/m

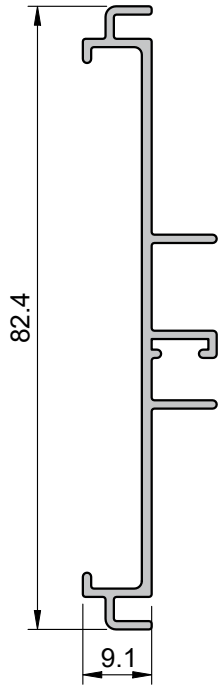


CX-3035	Marco Lat. Liso 2 Planos
	0,367 Kg/m

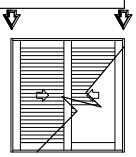


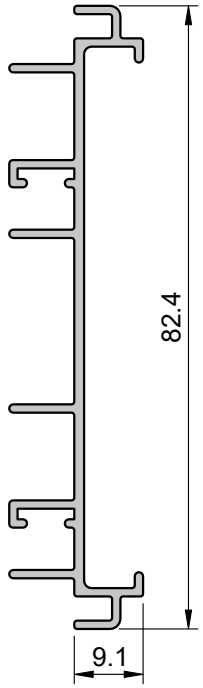
VG-373	Marco Lat. Liso 3 Planos
	0,463 Kg/m



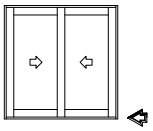


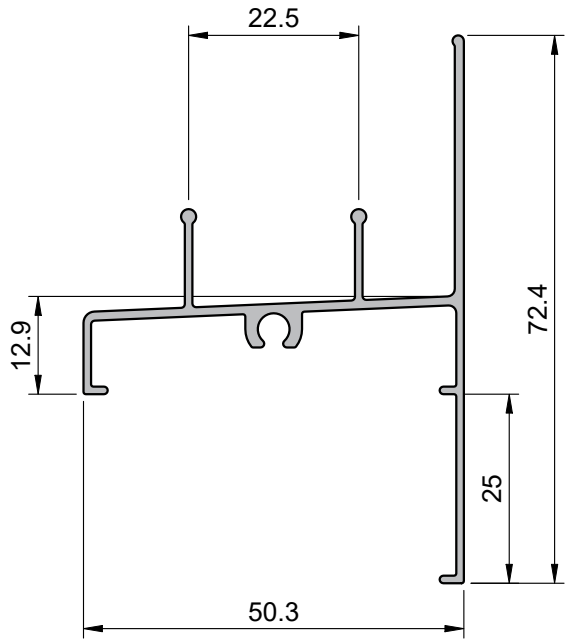
VG-374	Marco Lat. Liso 3 Planos
	0,553 Kg/m



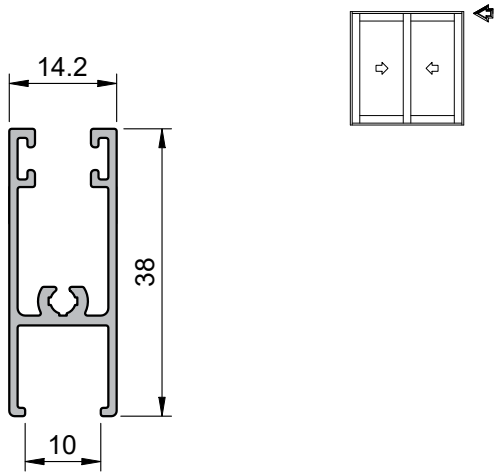


CX-3034	Trilho Inf. 3 Planos
	0,542 Kg/m

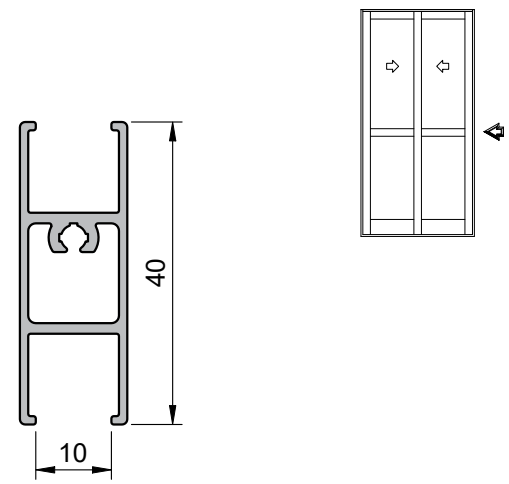




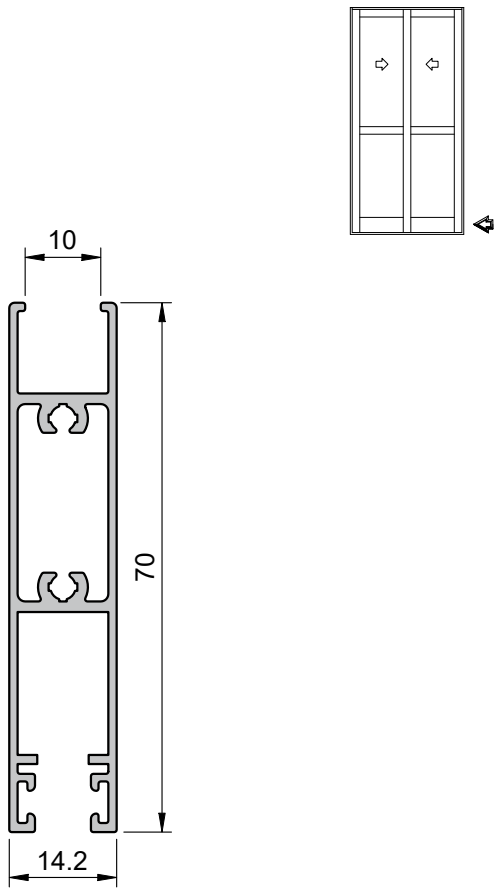
VG-610	Travessa Sup./Inf. Janela
	0,352 Kg/m



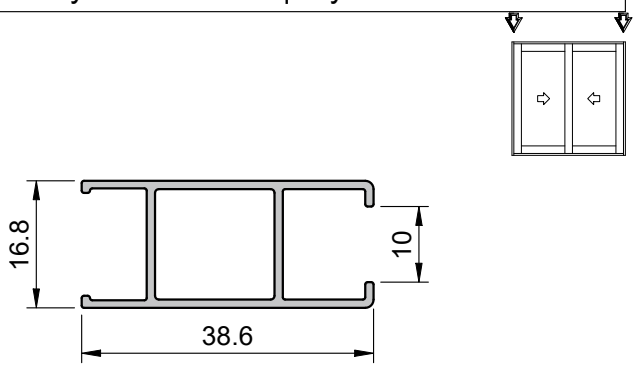
VG-665	Travessa Intermediária
	0,379 Kg/m



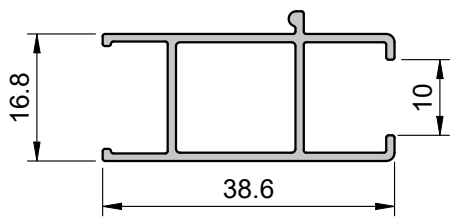
VG-615	Travessa Inf. Porta
	0,646 Kg/m



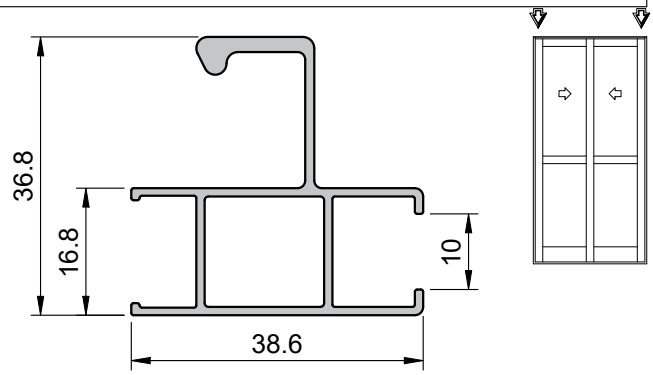
VG-710	Montante Lateral
	0,328 Kg/m
Jy = 5.956 mm^4 | Wy = 709 mm^3	



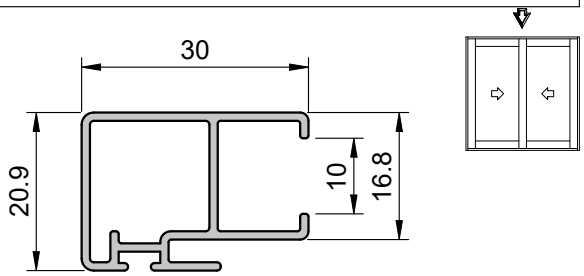
VG-711	Montante Lateral Ref.
	0,341 Kg/m
Jy = 6.415 mm^4 | Wy = 581 mm^3	



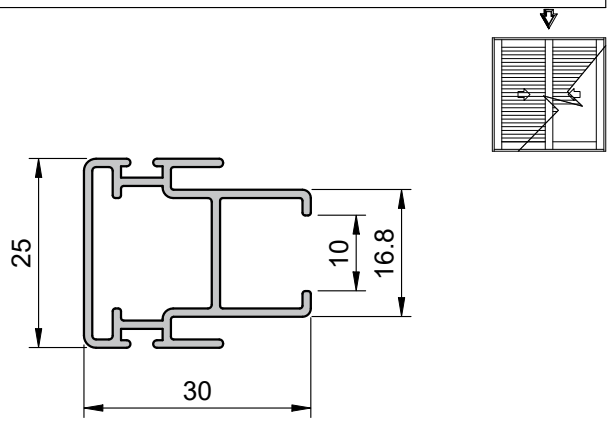
VG-745	Montante Lateral Ref.
	0,496 Kg/m
Jy = 30.413 mm^4 | Wy = 1.484 mm^3	



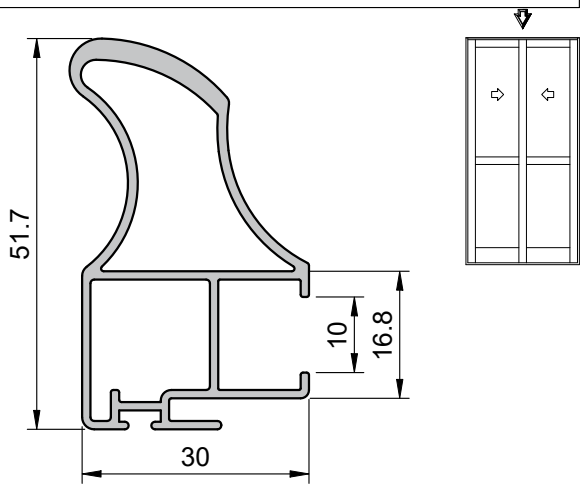
VG-731	Montante Mão de Amigo
	0,338 Kg/m
Jy = 7.385 mm^4 | Wy = 696 mm^3	



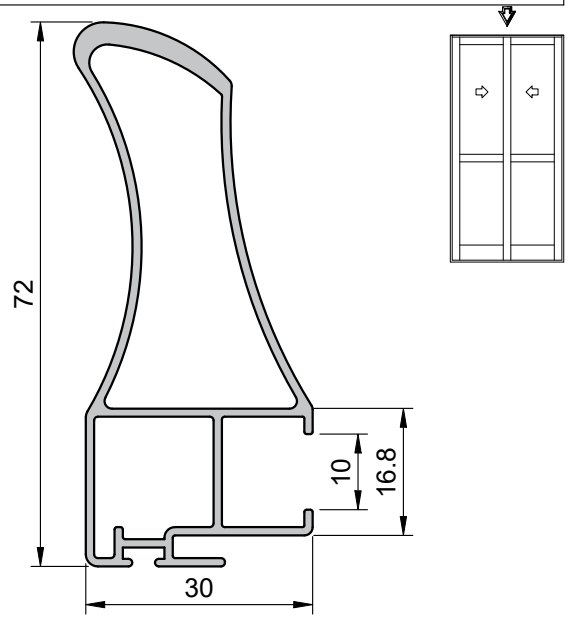
VG-830	Montante Mão de Amigo Central
	0,400 Kg/m
Jy = 11.244 mm^4 | Wy = 899 mm^3	



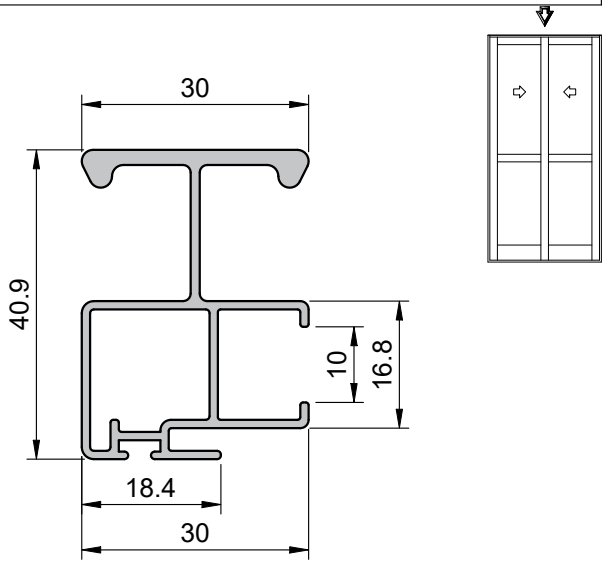
VG-736	Montante Mão de Amigo Ref.
	0,707 Kg/m
Jy = 75.641 mm^4 | Wy = 2.893 mm^3	



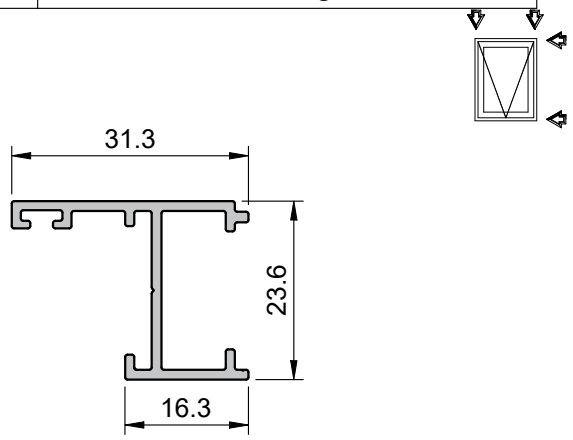
VG-737	Montante Mão de Amigo Ref.
	0,815 Kg/m
Jy = 180.848 mm^4 | Wy = 4.855 mm^3	



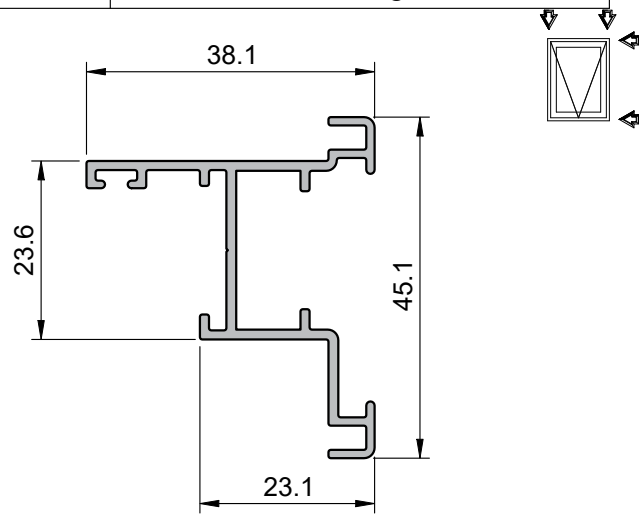
VG-732	Montante Mão de Amigo Ref.
	0,610 Kg/m
Jy = 50.044 mm^4 | Wy = 2.245 mm^3	



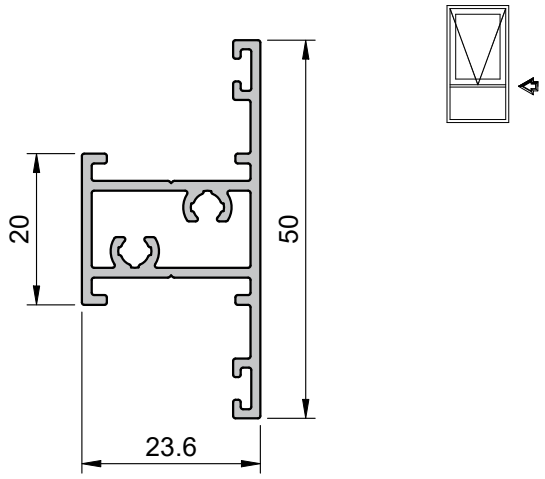
ALG-942	Marco Max
	0,292 Kg/m



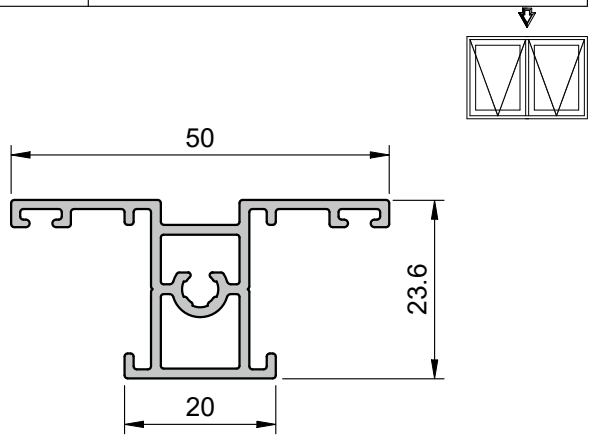
VG-030	Marco Max
	0,438 Kg/m



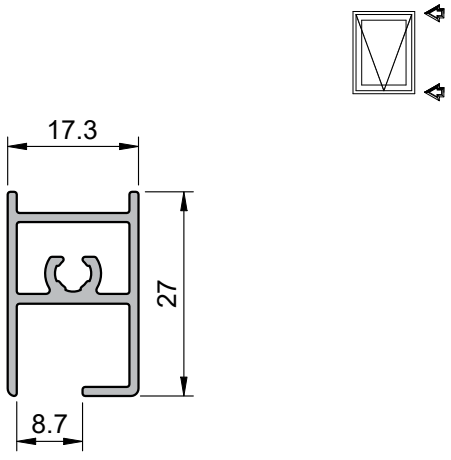
ALG-936	Travessa Peitoril
	0,525 Kg/m



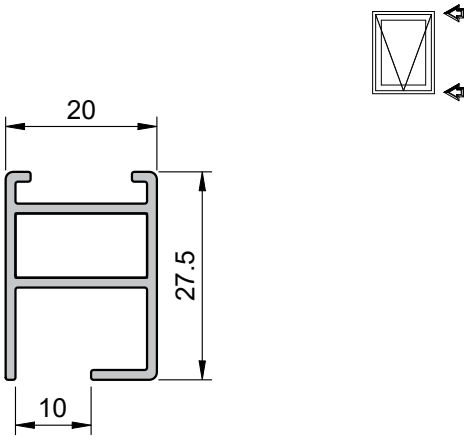
ALG-898	Coluna Max
	0,520 Kg/m



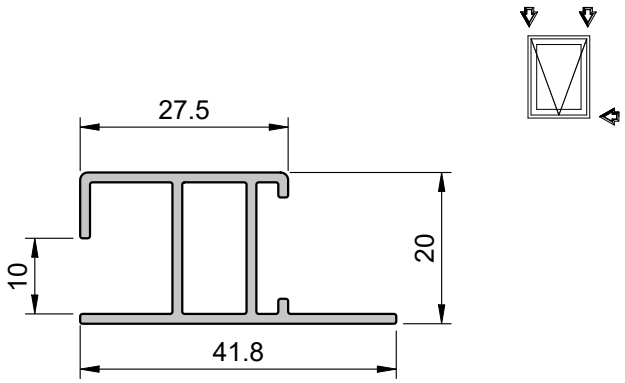
ALG-897	Montante Sup./Inf. Max
	0,342 Kg/m



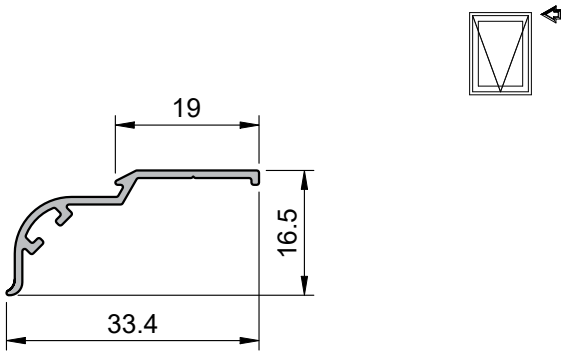
ALG-944	Montante Sup./Inf. Max
	0,354 Kg/m



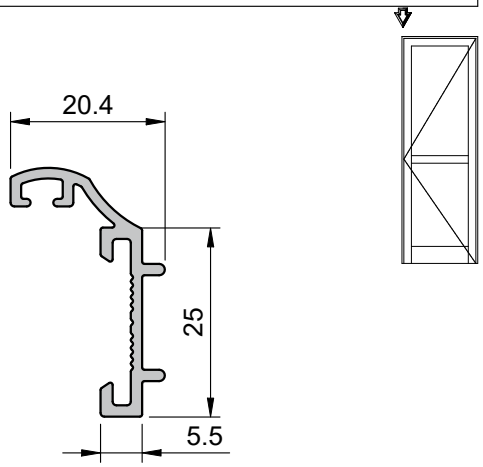
ALG-945	Montante Lateral Max
	0,401 Kg/m



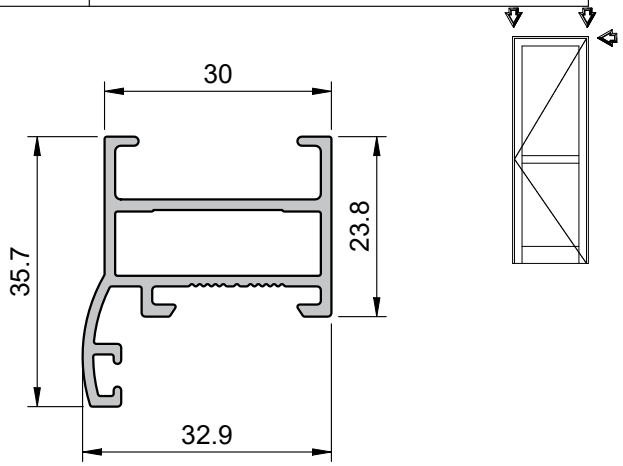
ALG-943	Pingadeira
	0,143 Kg/m



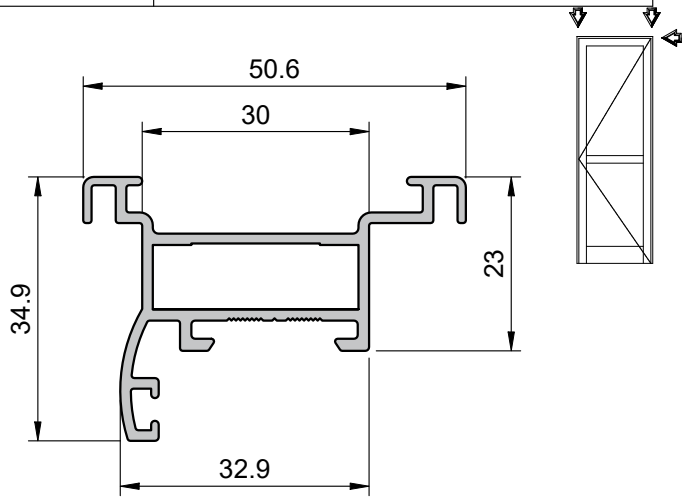
ALG-964	Mata Junta Giro
	0,276 Kg/m



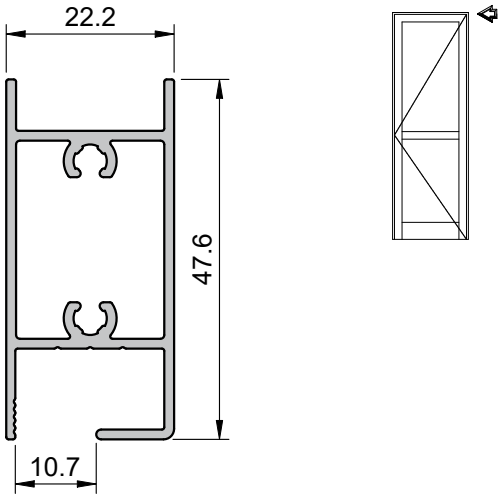
ALG-962	Montante Giro
	0,528 Kg/m



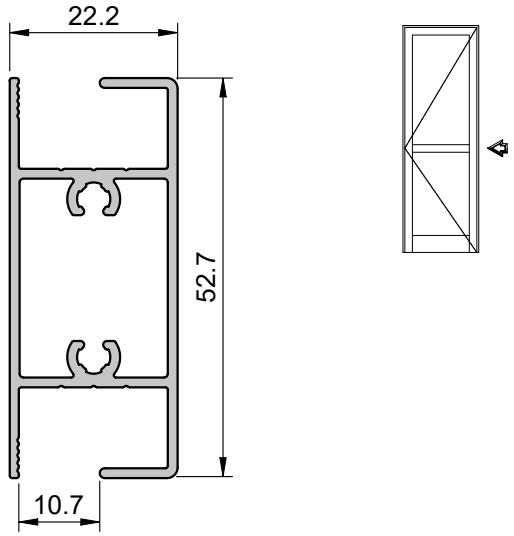
VG-150	Montante Giro
	0,610 Kg/m



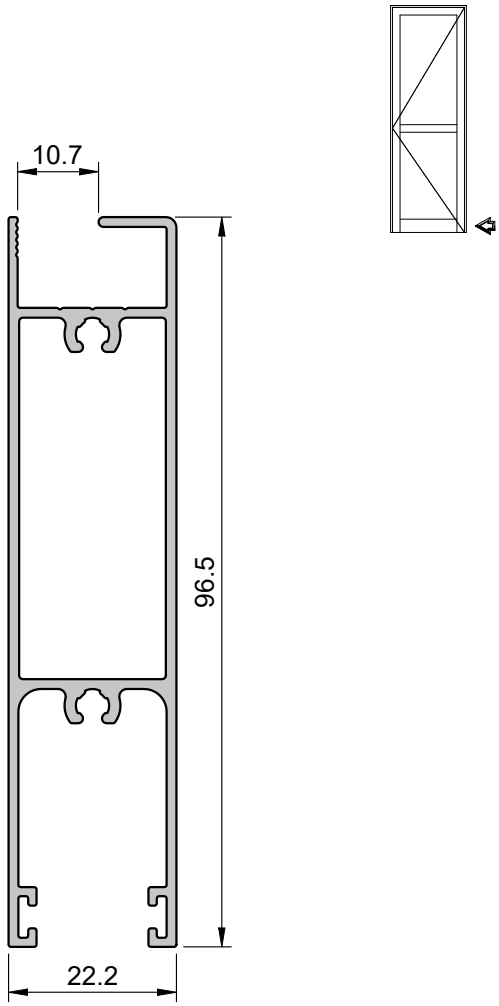
ALG-967	Montante Sup. Giro
	0,589 Kg/m



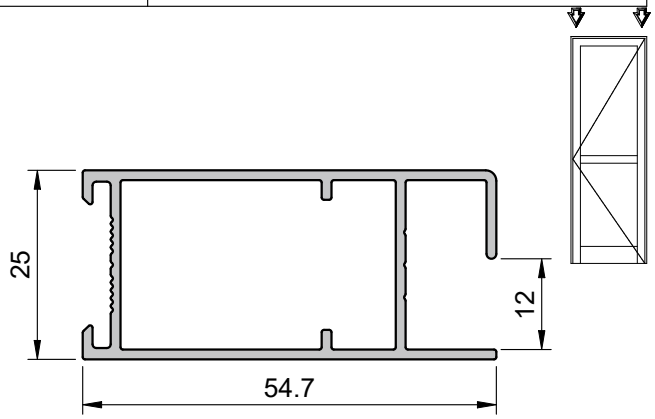
ALG-966	Travessa Intermediária Giro
	0,650 Kg/m



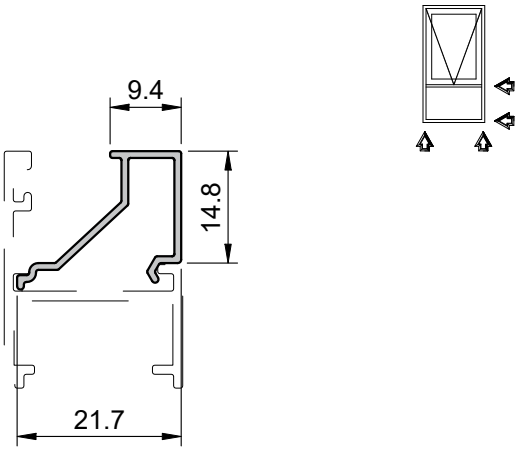
ALG-965	Montante Inf. Giro
	1,020 Kg/m



ALG-963	Montante Lat. Giro
	0,615 Kg/m

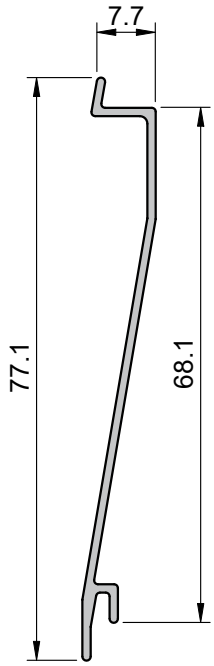


ALG-941	Baguete
	0,132 Kg/m

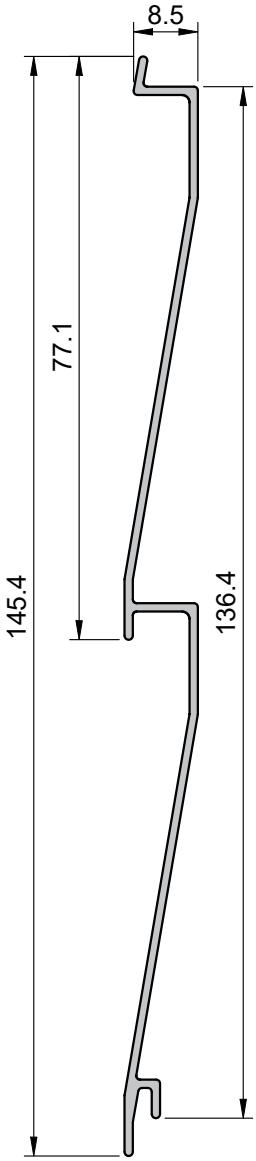


ALG-992	Veneziana
	0,280 Kg/m

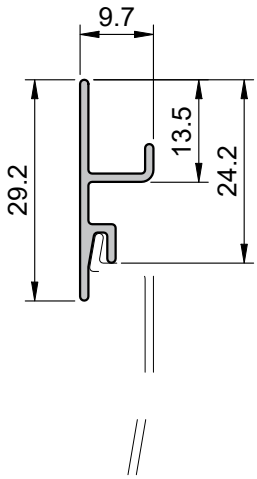
*US-992 Versão Ventilada



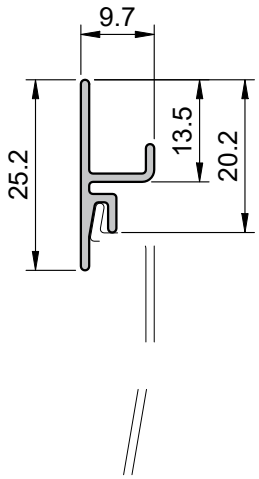
ALG-995	Veneziana Dupla
	0,520 Kg/m



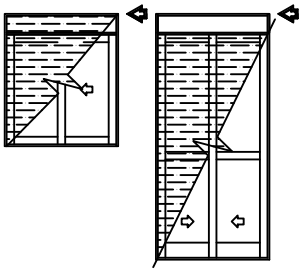
VG-950	Complemento Veneziana
	0,149 Kg/m

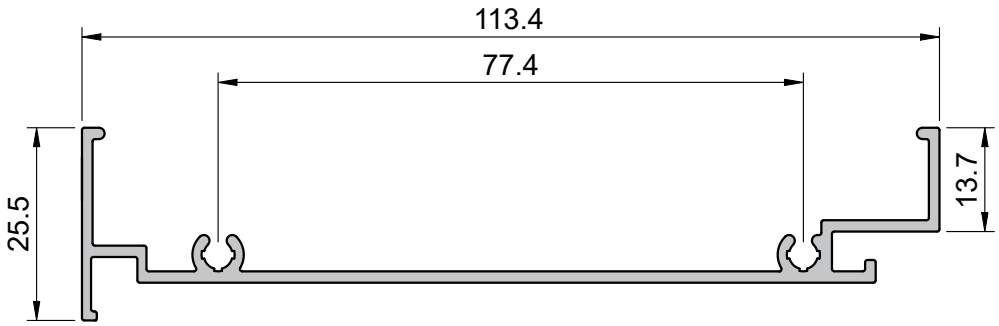


VG-951	Complemento Veneziana
	0,137 Kg/m

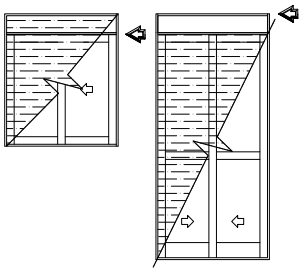


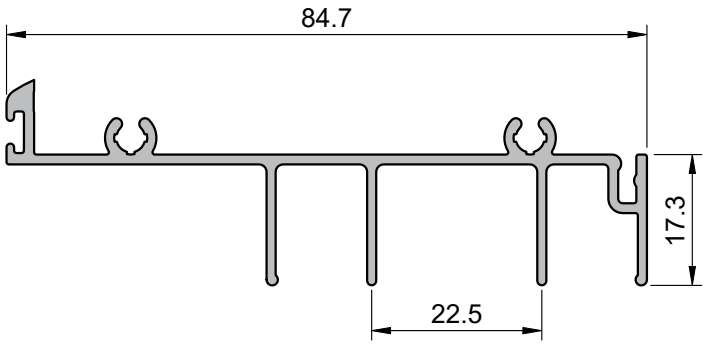
ALG-1001	Marco Sup. Integrada
	0,747 Kg/m



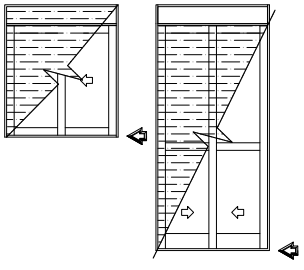


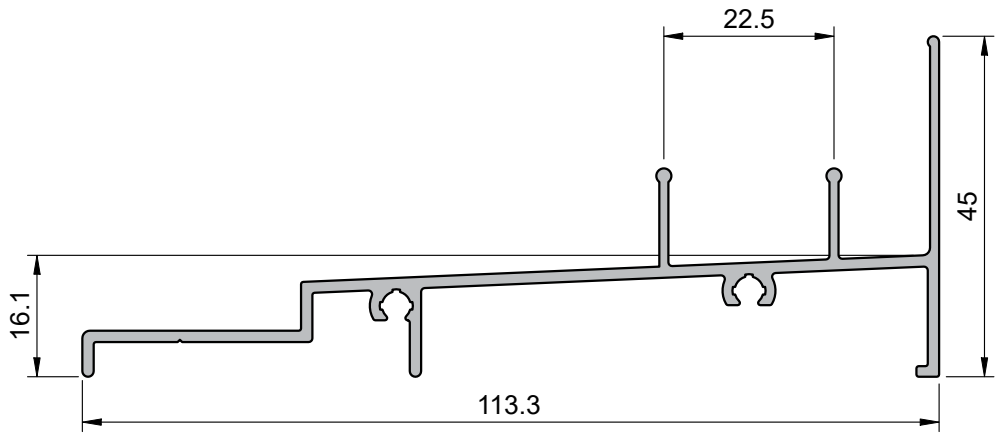
ALG-921	Travessa Sup. Integrada 2 Planos
	0,677 Kg/m
Jy = 0 mm^4 | Wy = 0 mm^3	



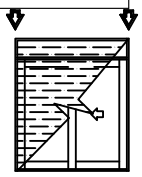


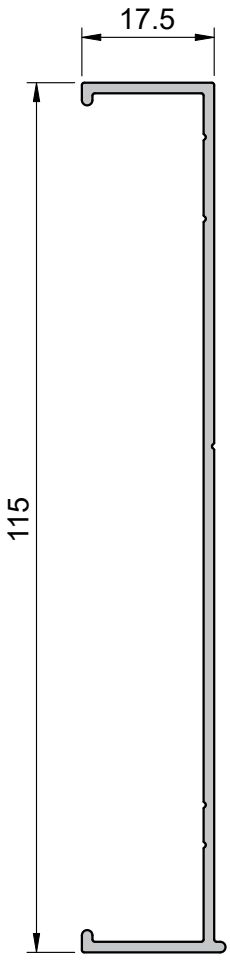
ALG-922	Trilho Inf. Integrada 2 Planos
	0,861 Kg/m



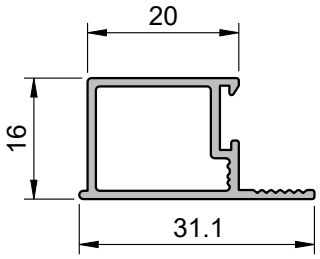


ALG-1000	Marco Lateral Integrada
	0,573 Kg/m

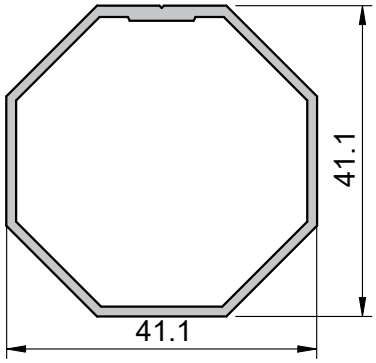




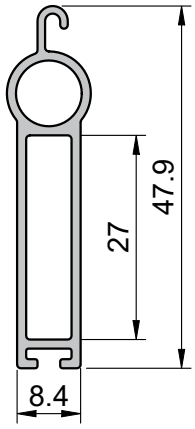
ALG-899	Folha
	0,251 Kg/m



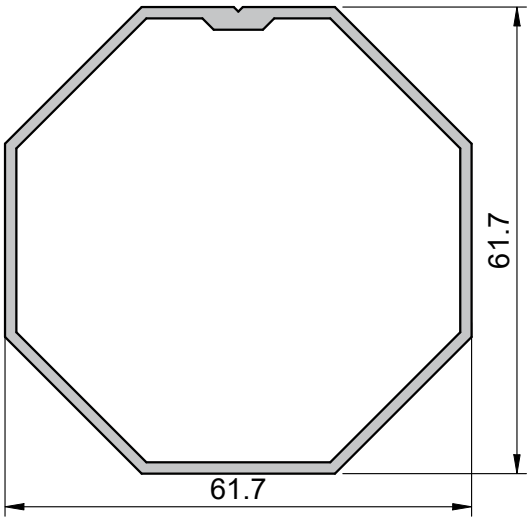
DS-238	Tubo Octogonal 40
	0,485 Kg/m



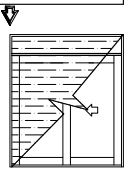
MN-055	Terminal
	0,376 Kg/m

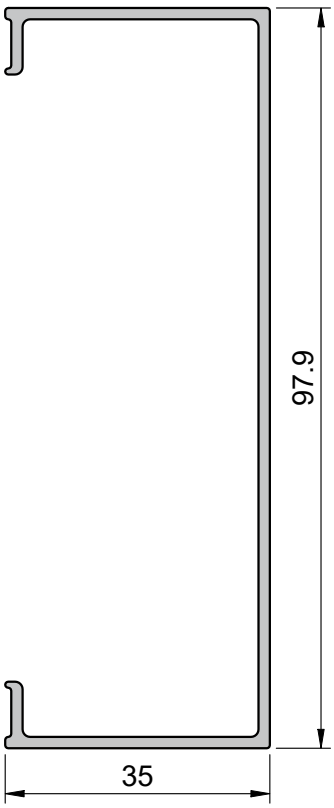


MN-015	Tubo Octogonal 60
	0,843 Kg/m

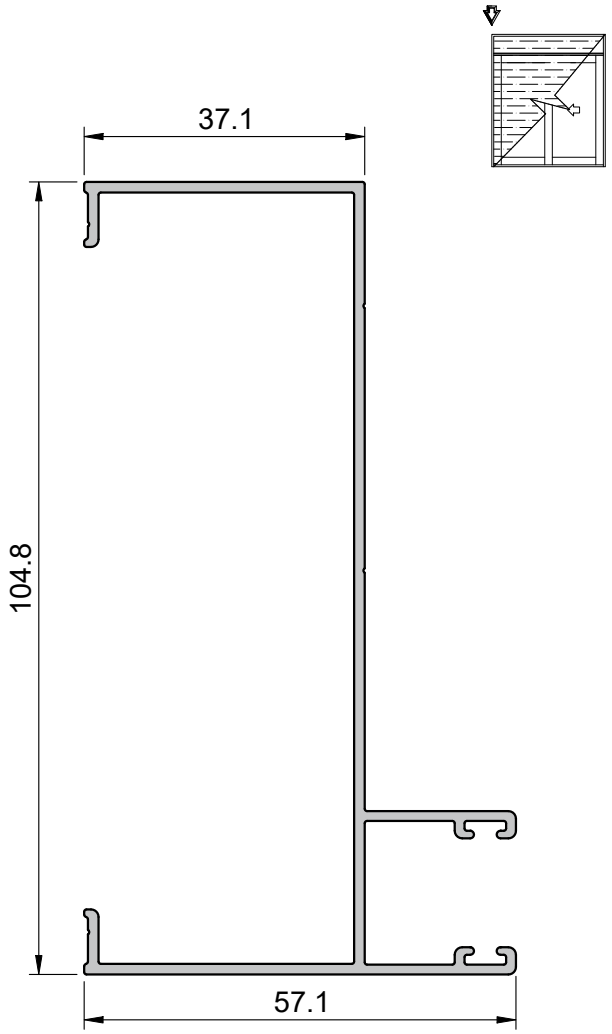


MN-050	Caixa do Recolhedor
	0,738 Kg/m

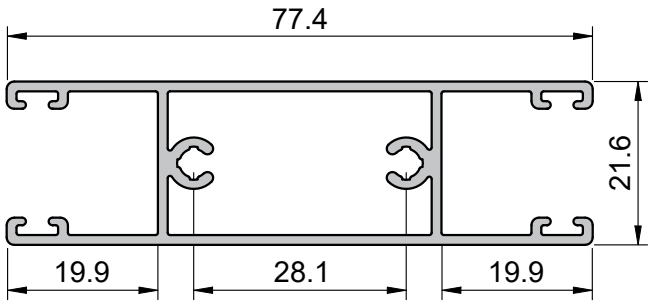




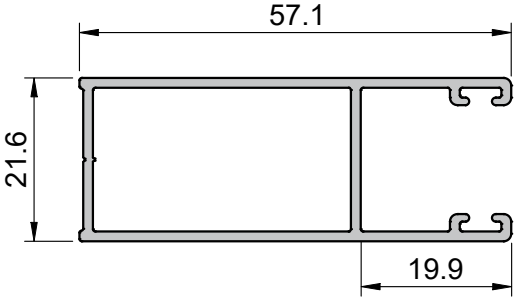
ALG-1004	Marco Lateral com Guia
	0,906 Kg/m



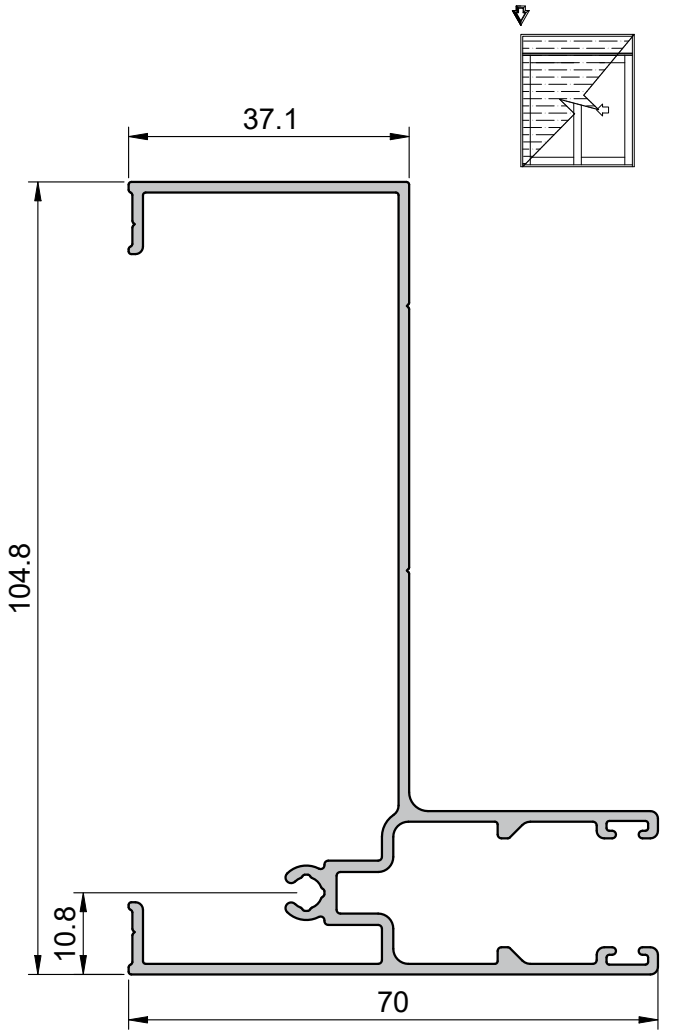
ALG-1008	Guia da Central Persiana
	0,866 Kg/m



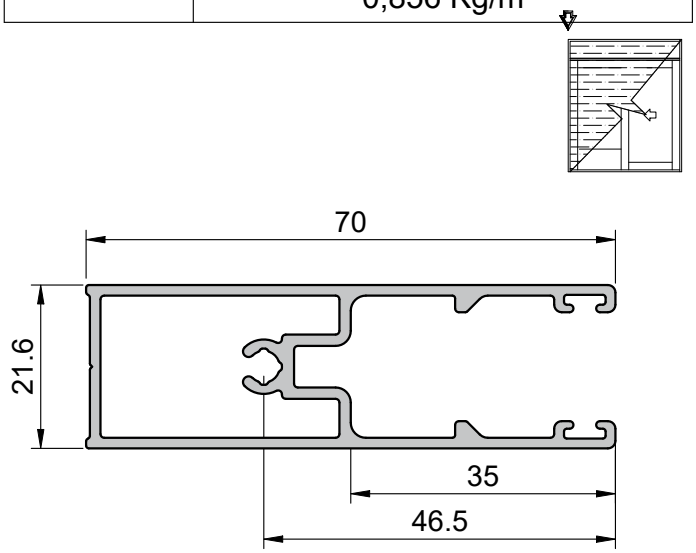
ALG-1005	Guia da Persiana
	0,577 Kg/m



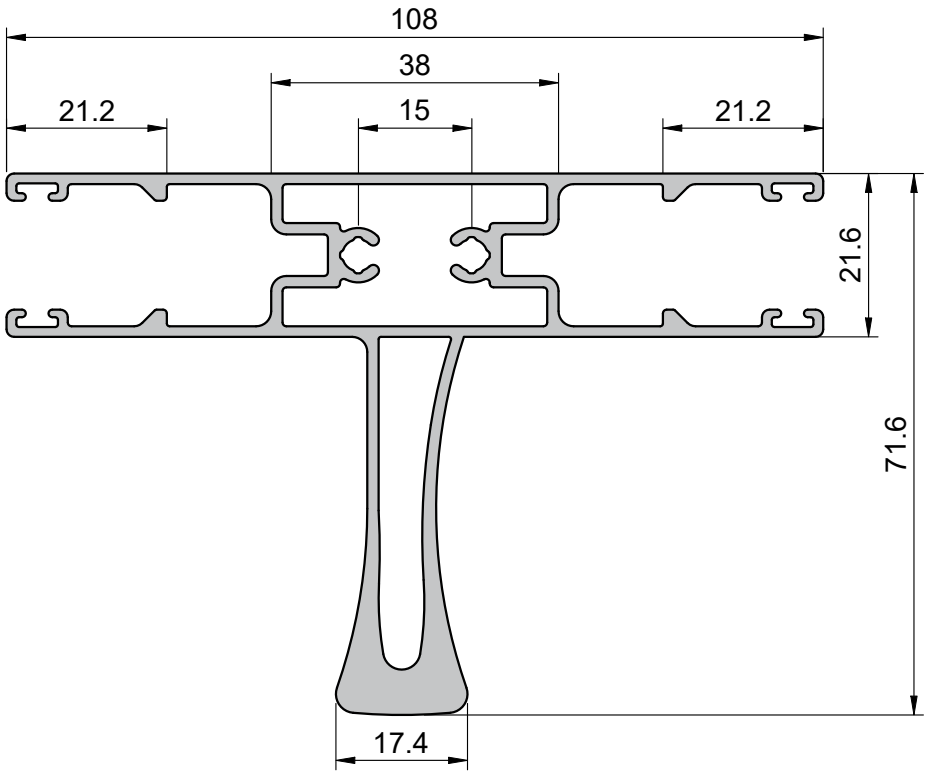
ALG-1014	Marco Lateral com Guia
	1,273 Kg/m



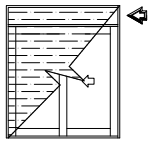
ALG-1013	Guia da Persiana
	0,856 Kg/m

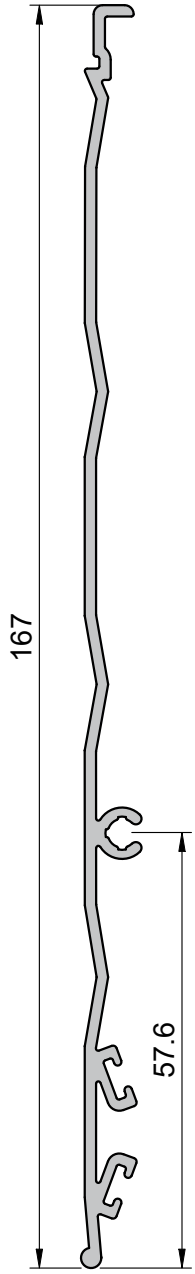


ALG-1015	Guia Central com Reforço
	2,112 Kg/m
Jx = 0 mm^4 | Wx = 0 mm^3	

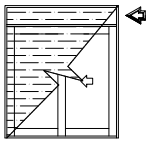


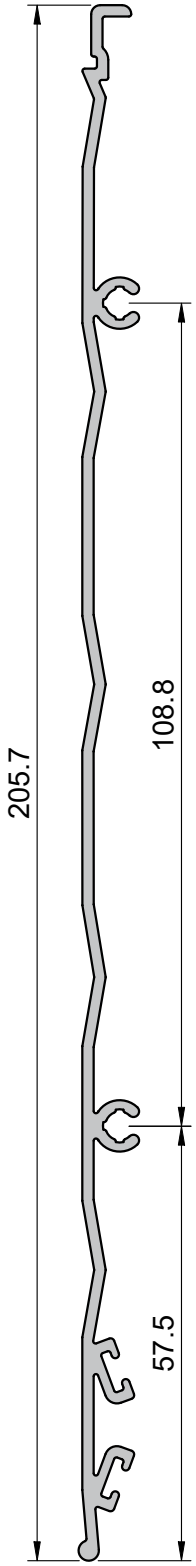
ALG-1007	Tampa Externa Integrada
	0,867 Kg/m



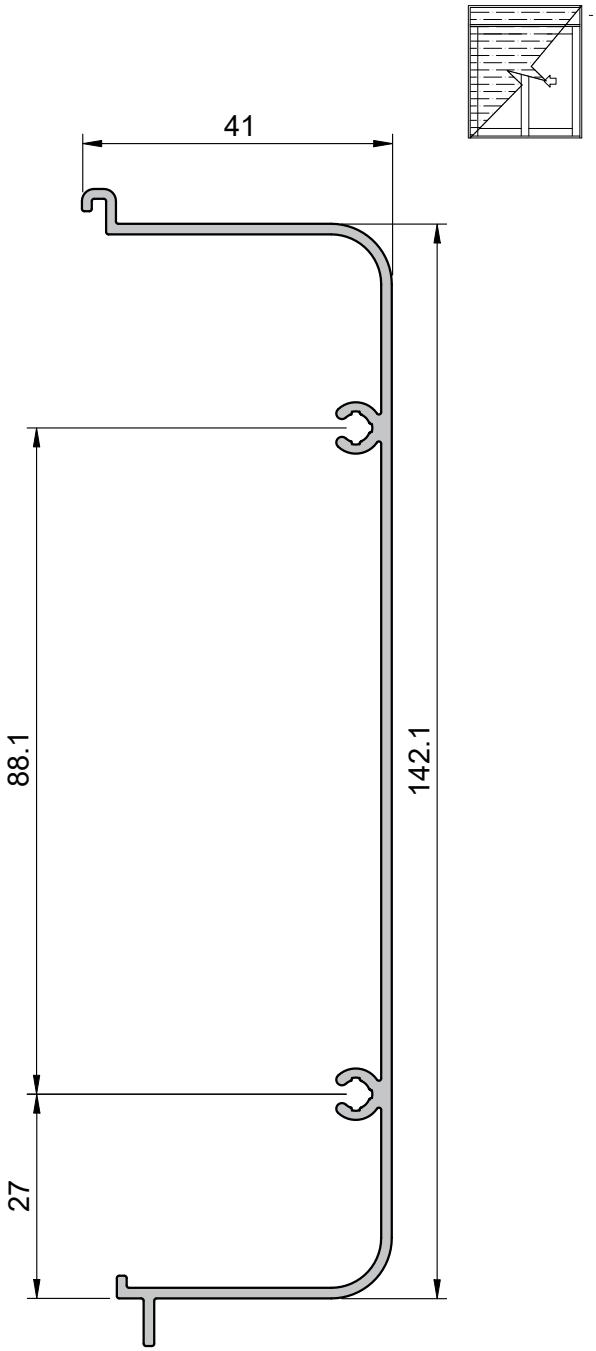


ALG-1010	Tampa Externa Integrada
	1,080 Kg/m

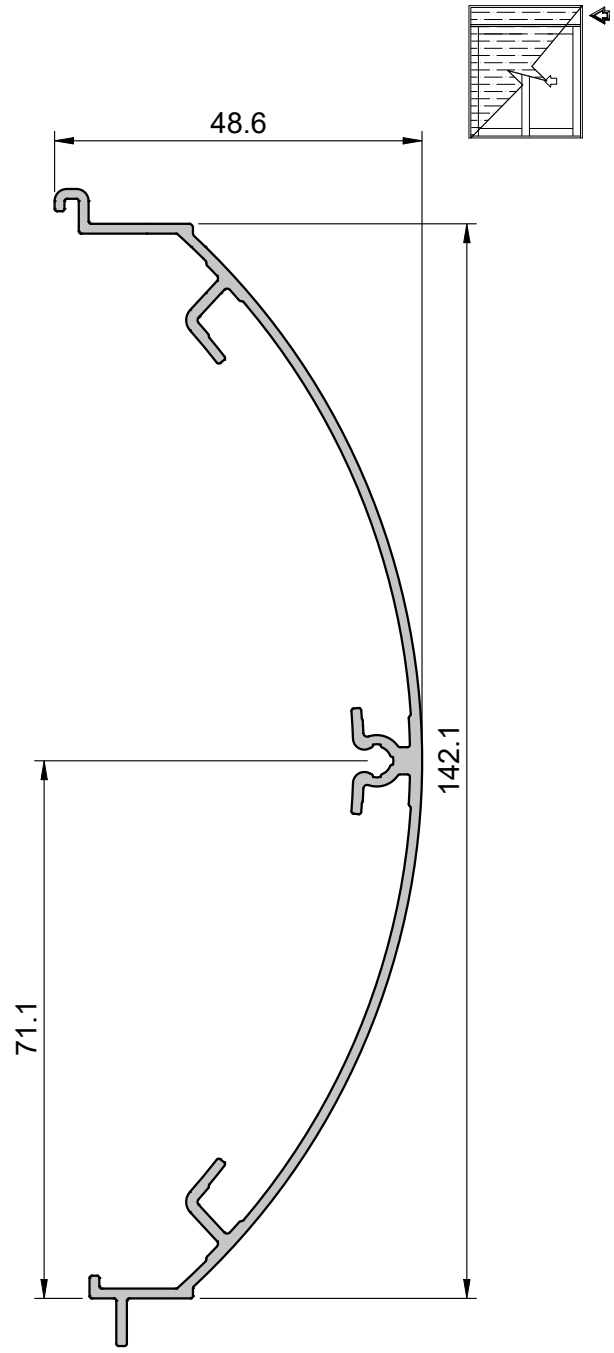




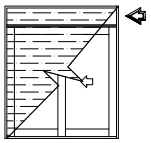
ALG-1041	Tampa Interna Integrada
	0,949 Kg/m

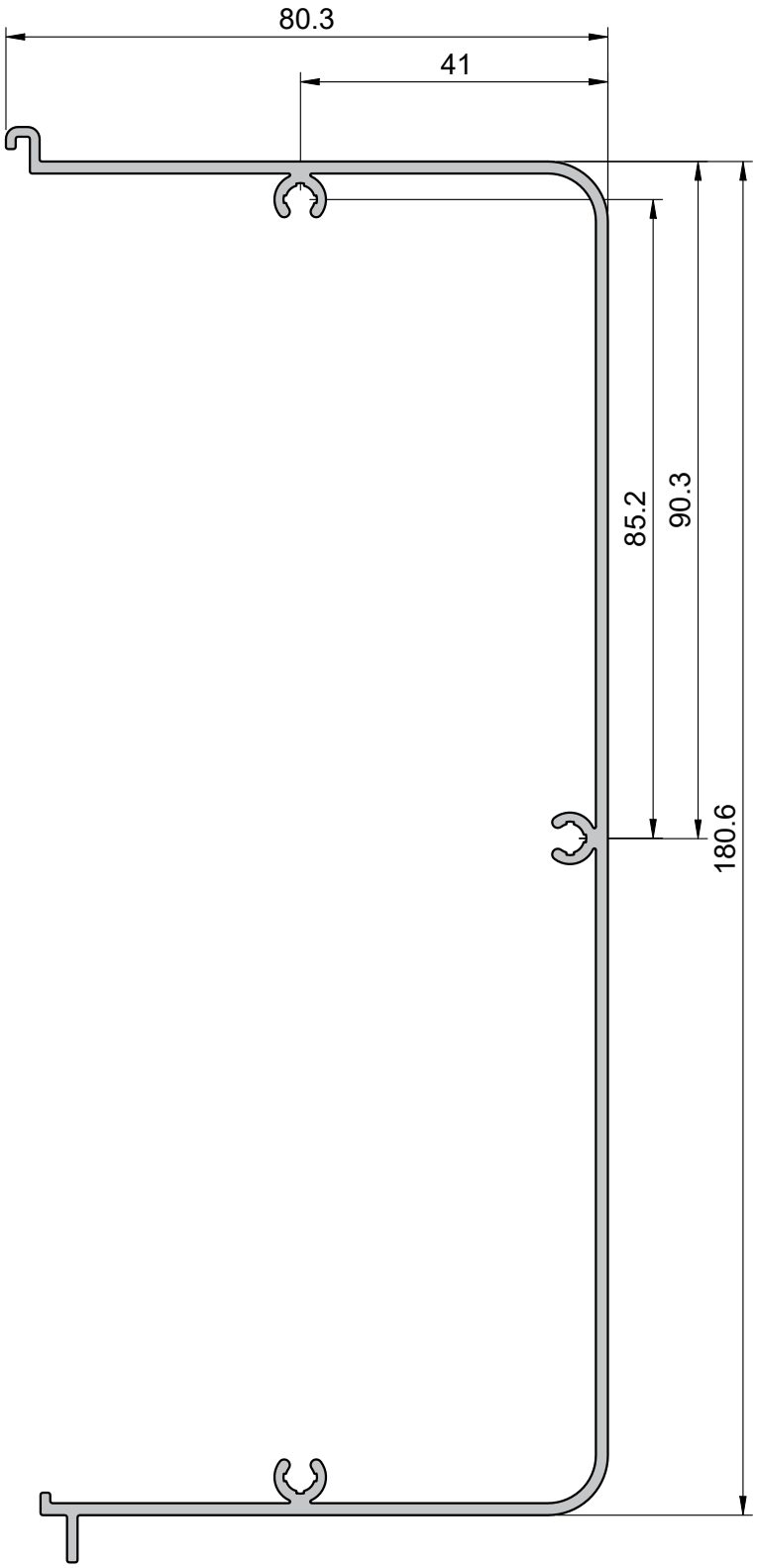


ALG-1006	Tampa Interna Integrada
	0,937 Kg/m

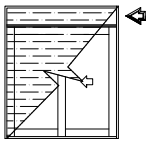


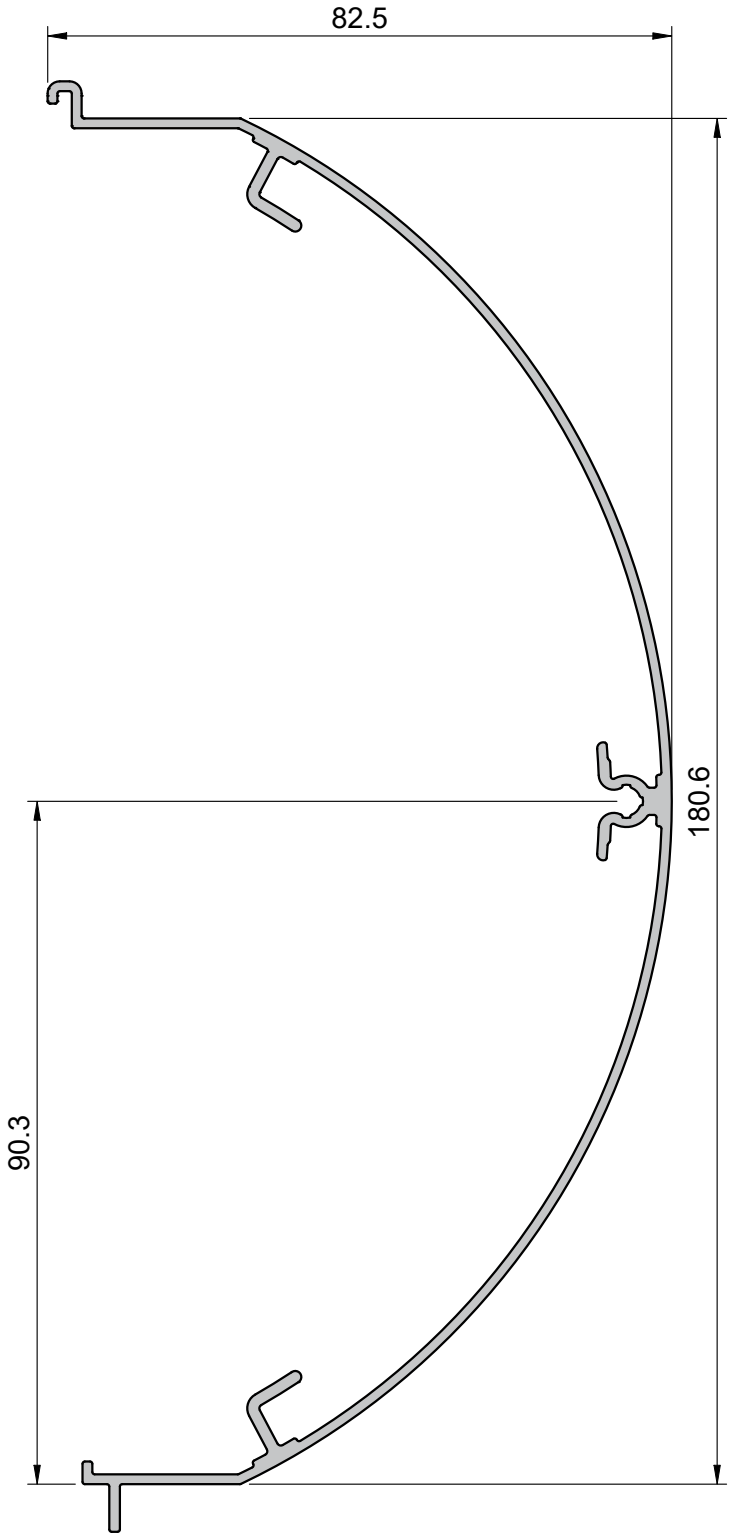
ALG-1042	Tampa Interna Integrada
	1,973 Kg/m





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



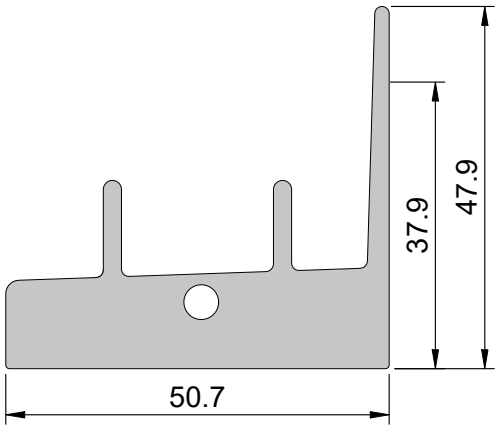


4

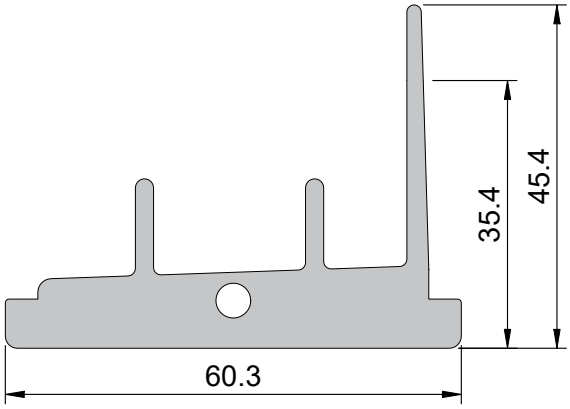
Componentes

IMAGENS / DESCRIÇÕES

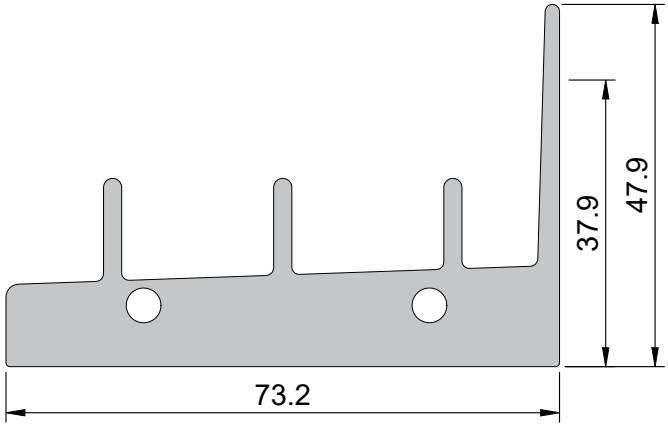
JTV-0014	Junta de Vedação
	Aplicação Perfil VG-210/VG-215



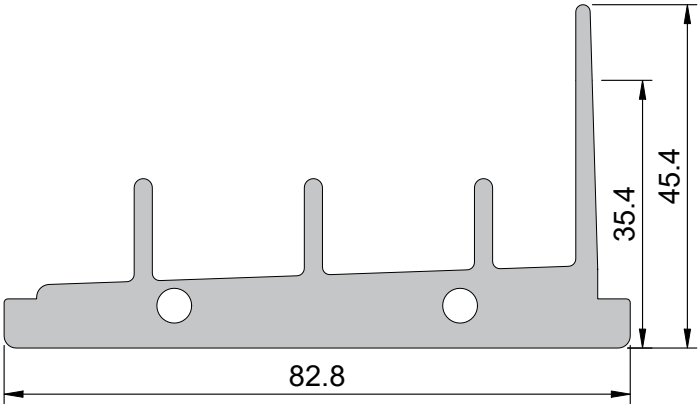
JTV-0015	Junta de Vedação
	Aplicação Perfil VG-211/VG-216



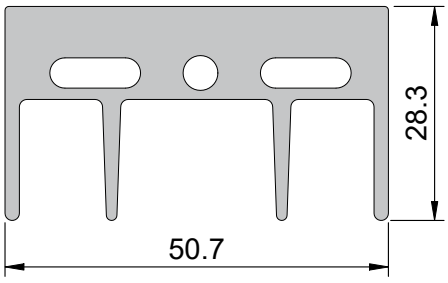
JTV-0016	Junta de Vedação
	Aplicação Perfil VG-310/VG-315



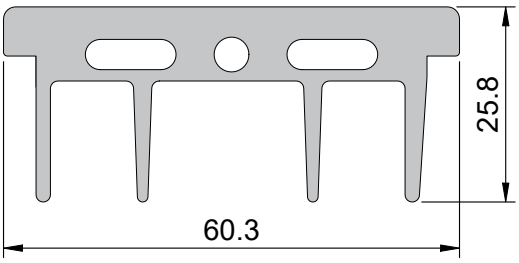
JTV-0017	Junta de Vedação
	Aplicação Perfil VG-311/VG-316



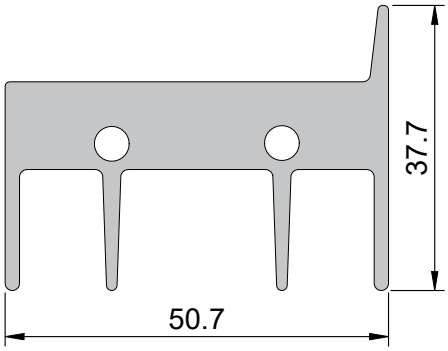
JTV-0018	Junta de Vedação
	Aplicação Perfil VG-250



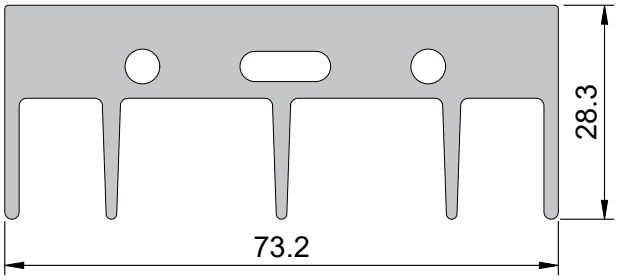
JTV-0019	Junta de Vedação
	Aplicação Perfil VG-251



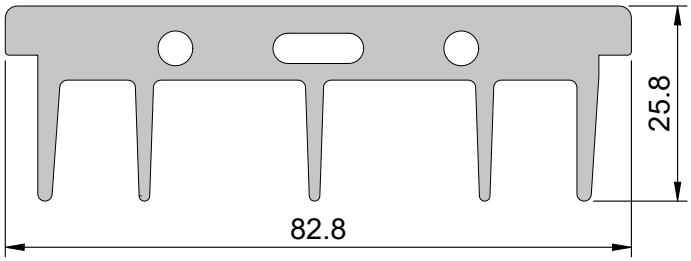
JTV-0020	Junta de Vedação
	Aplicação Perfil ALG-988



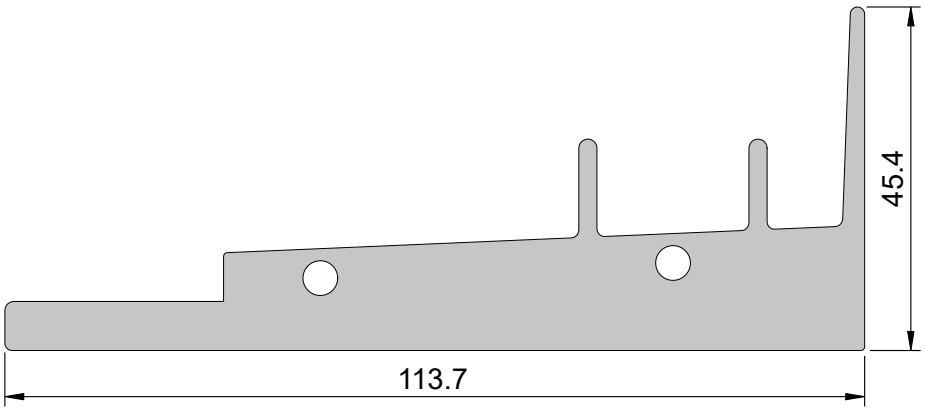
JTV-0021	Junta de Vedação
	Aplicação Perfil ALG-350



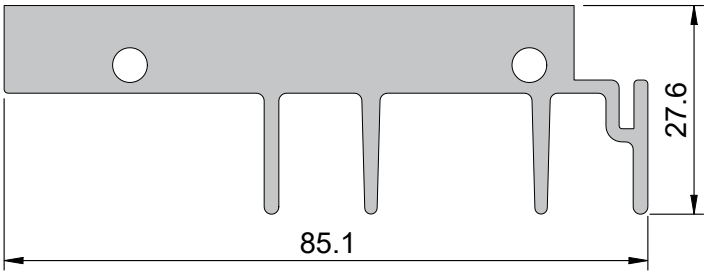
JTV-0022	Junta de Vedação
	Aplicação Perfil VG-351



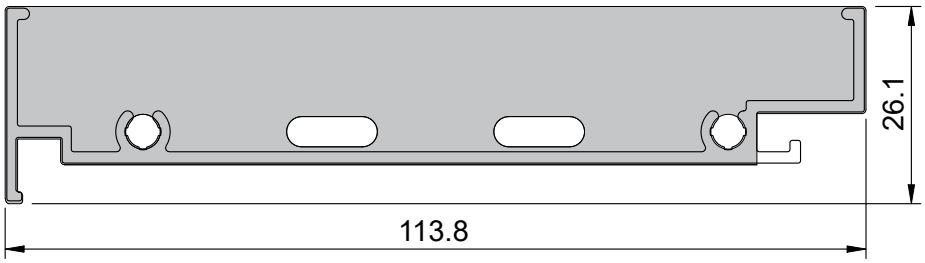
JTV-0023	Junta de Vedação
	Aplicação Perfil ALG-922



JTV-0024	Junta de Vedação
	Aplicação Perfil ALG-921



JTV-0025	Junta de Vedação
	Aplicação Perfil ALG-1001



JTV-0028	Junta de Vedação
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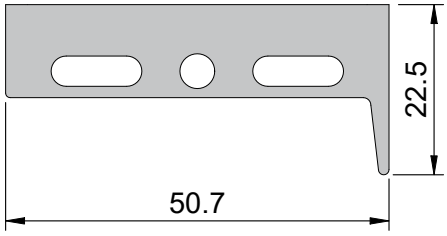

JTV-0029	Junta de Vedação
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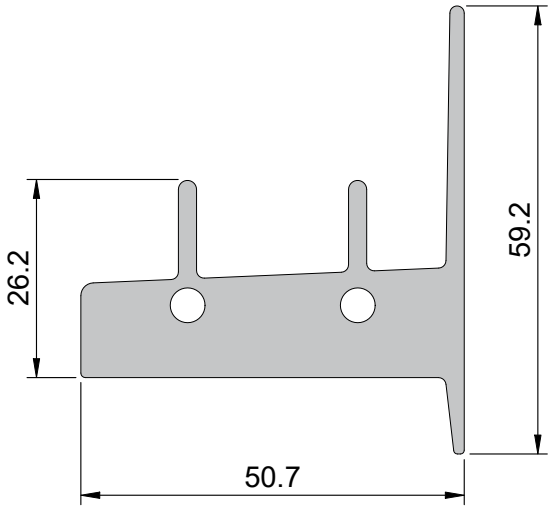

JTV-0026	Junta de Vedação
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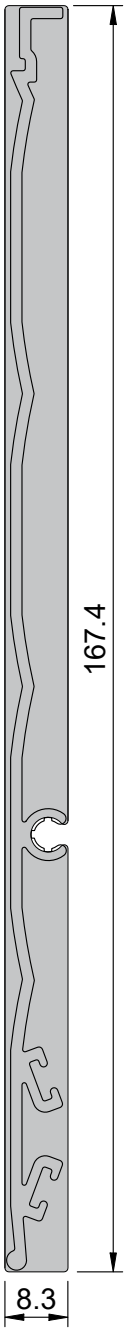
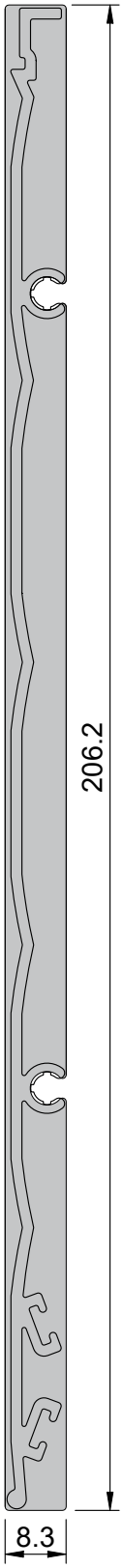
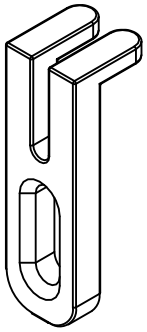
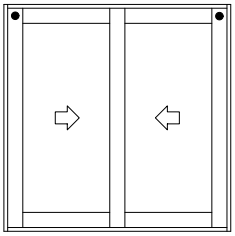


JTV-0027	Junta de Vedação
	Aplicação Perfil ALG-1010

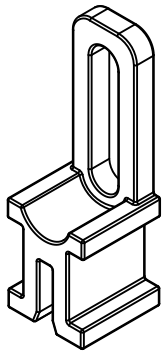


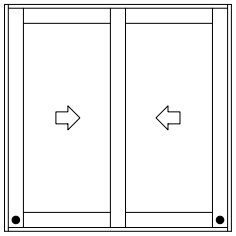
GDE-0001	Guia e Trava da Folha Sup.
	Polimero Cor: Preto



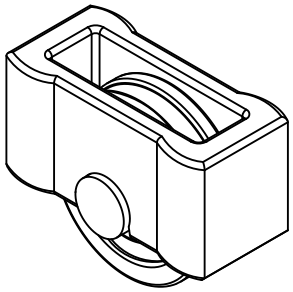


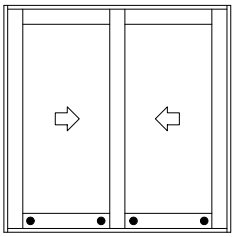
GDE-0004	Guia e Trava da Folha Inf.
	Polimero Cor: Preto



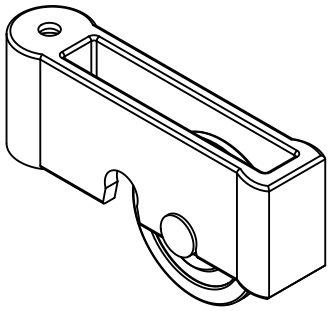


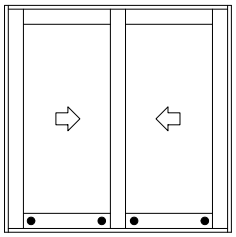
RLD-0003	Roldana Janela
	Polimero: 15 Kg Por Folha (Máx)



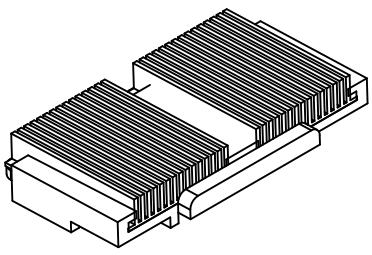


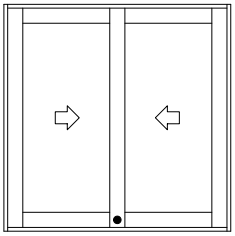
RLD-0004	Roldana Porta
	Polimero: 30 Kg Por Folha (Máx)



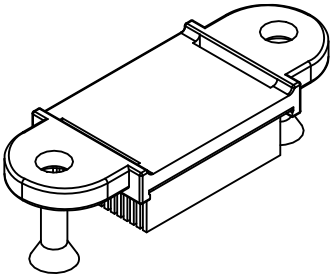


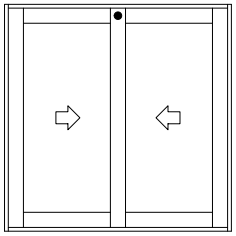
DRN-0002	Caixa Dreno
	Polimero



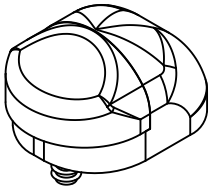


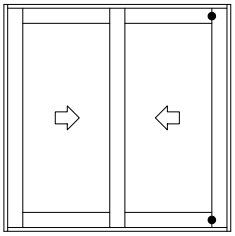
VDA-0003	Vedação Superior
	Polimero



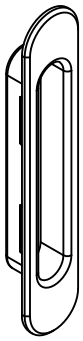


BTE-0005	Batedeira Da Folha (Mini)
	Polimero Cor: Preto / Branco

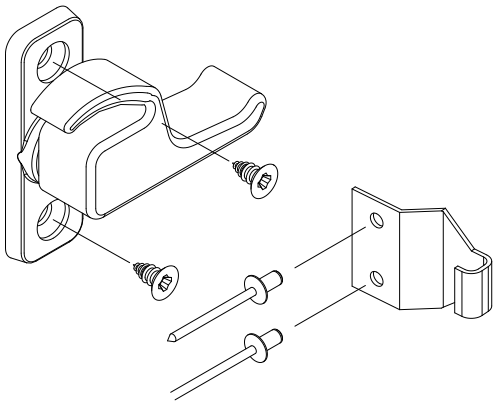




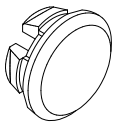
CHC-0005	Concha Cega Janela e Porta
	Polimero

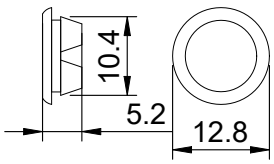


Fecho Caracol	
Código	Versão
FCH-0014	Direito
FCH-0015	Esquerdo

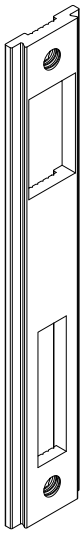


TMT-0004	Botão Tampa Furo
	Polimero Cor: Preto / Branco

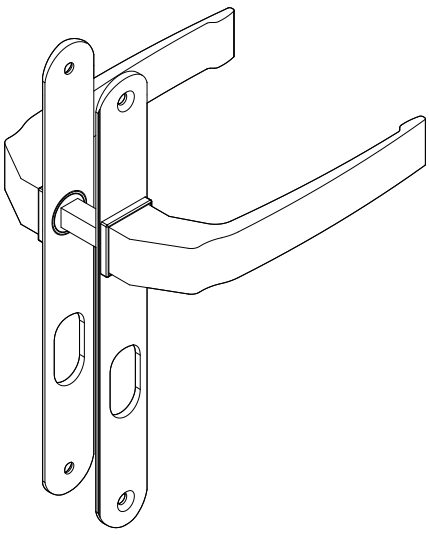




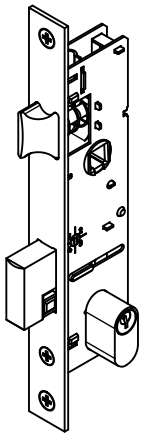
COT-0001	Contratesta
	Aluminio



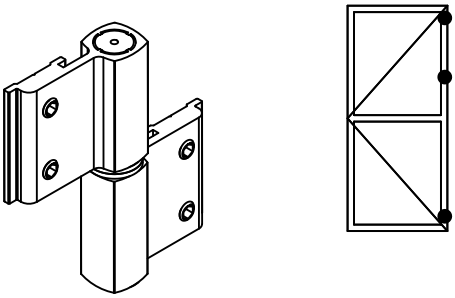
MNT-0001	Maçaneta com Espelho
	Aluminio



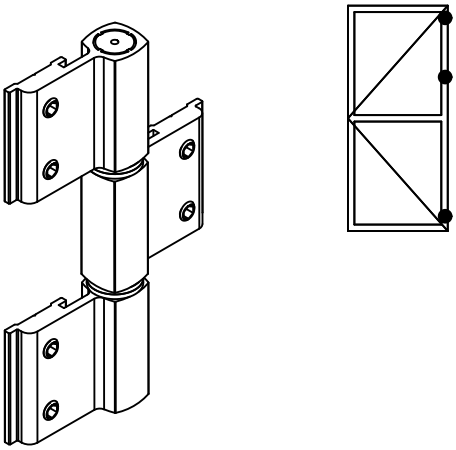
FCD-0001	Fechadura de Giro
	Aço



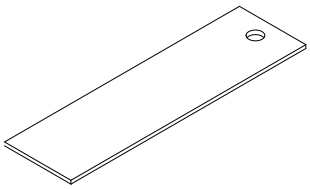
DBD-0001	Dobradiça Duas Abas
	Aluminio 30Kg Por Folha (Máx)



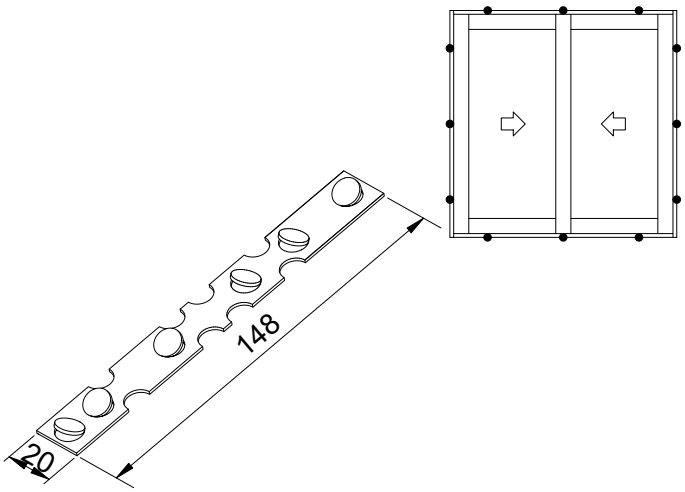
DBD-0011	Dobradiça Três Abas
	Aluminio 60 Kg Por Folha (Máx)



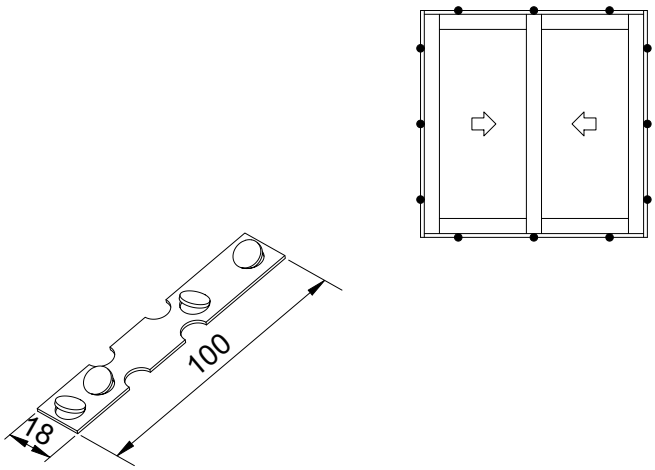
CBD-0003	Chumbador De Aço Zincado



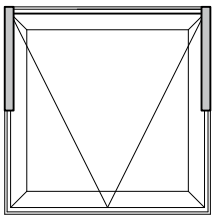
CBD-0001	Chumbador de Aço Zincado
	Aluminio



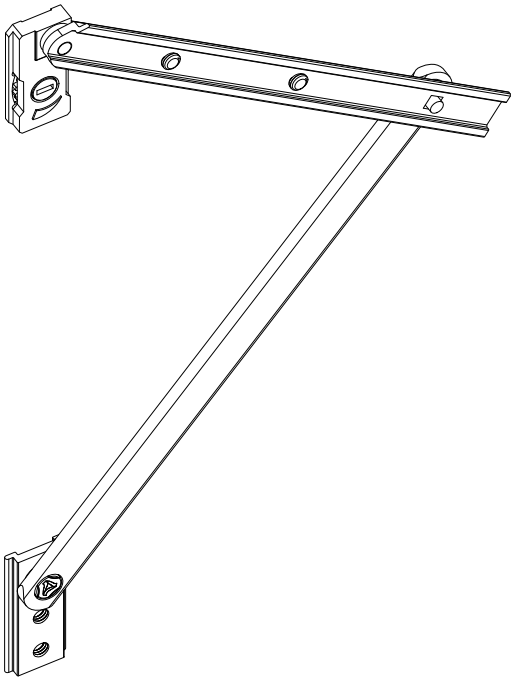
CBD-0002	Chumbador de Aço Zincado
	Aluminio



Braços Projetantes Deslizantes CX15				
Código	Comprimento	Largura máxima	Altura máxima	Carga máxima
BMA-0004	180	200	300	4 KG
BMA-0018	250	270	500	6 KG
BMA-0019	400	400	650	8 KG
BMA-0020	500	520	810	10 KG
BMA-0021	750	810	900	11 KG
BMA-0022	810	900	1200	15 KG

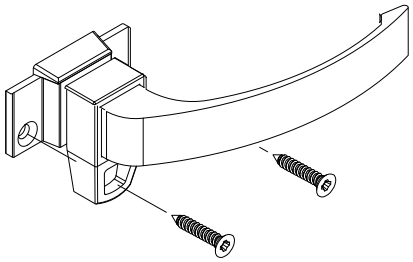


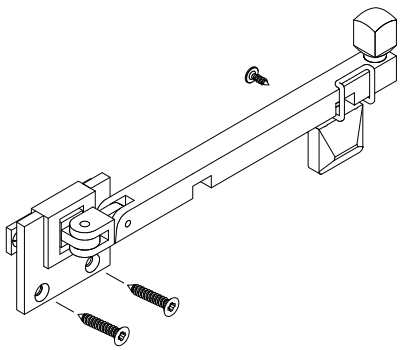
Nota: Medidas e cargas váriáveis conforme fornecedor, sugeito a alteração sem prévio aviso. Consultar previamente as fichas técnicas do fornecedor dos componentes



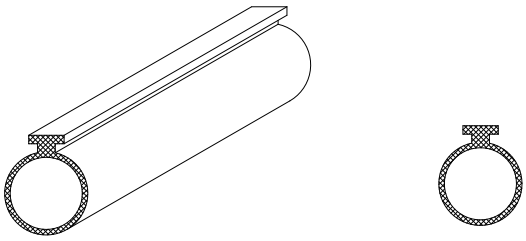
Fecho Max-ar	
Código	Versão
FCH-0033	Direito
FCH-0034	Esquerdo

FCH-0018	Fecho Haste
	Aluminio

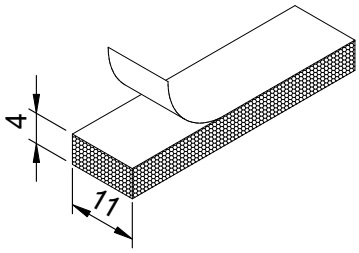




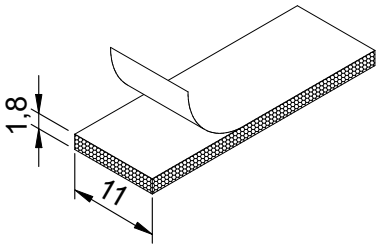
GXT-0007	Guarnição Pingadeira de Epdm



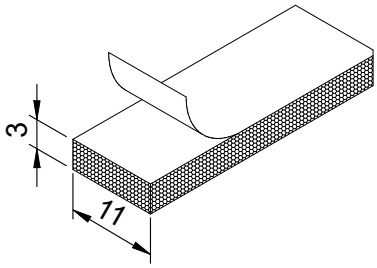
ESP-1104	Espuma De PVC 11X4.0 mm



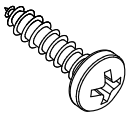
ESP-1102	Espuma de PVC 11x1,8 mm
	Vedação do Perímetro



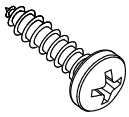
ESP-1103	Espuma de PVC 11X3 mm



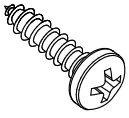
PCP-3517	Parafuso cabeça panela 3,5x17
	Aço inox - Natural



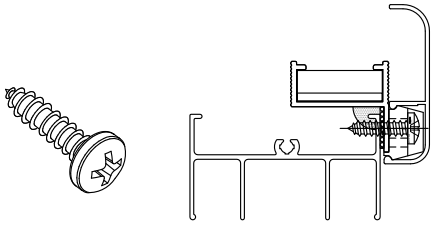
PCP-3913	Parafuso cabeça panela 3,9x13
	Aço inox - Natural



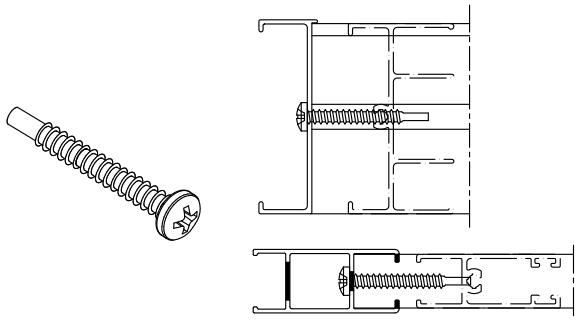
PCP-3995	Parafuso cabeça panela 3,9x9,5
	Aço inox - Natural



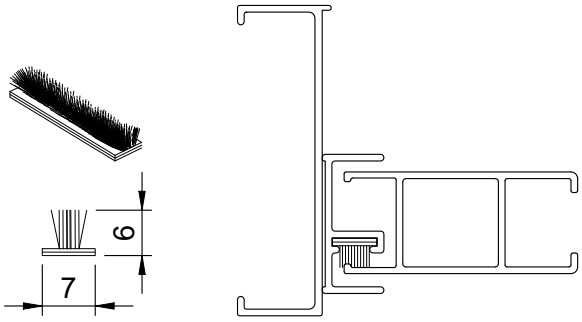
PCP-4216	Parf. Cab. Pan. 4,2x16
	Aço Inox



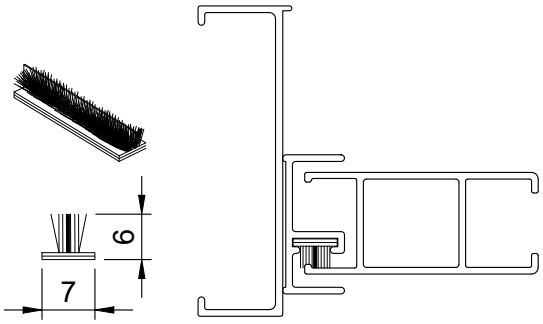
PCP-3932PL	Parf.Cab.Pan.3,9x32 PL Aço Inox
	Aço Inox - Natural



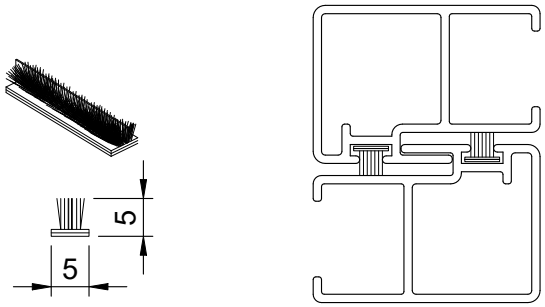
ECV-0706	Escova de Vedação 7x6 mm
	Cor: Preto / Branco / Cinza



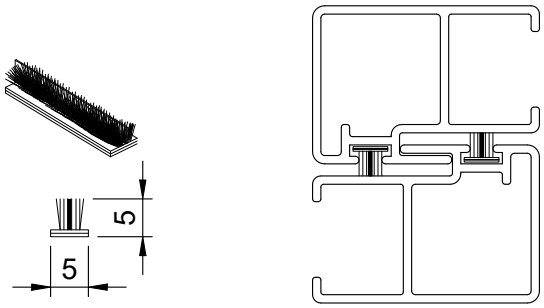
ECV-0706B	Escova Ved. 7x6 mm com Barreira
	Cor: Preto / Branco / Cinza



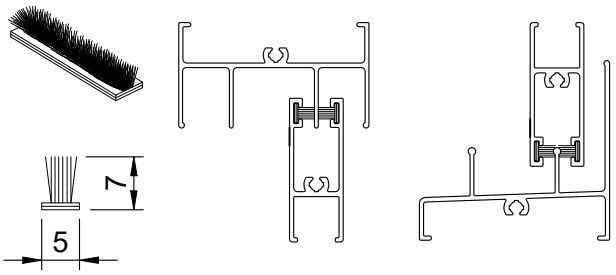
ECV-0505	Escova Ved. 5x5 mm
	Cor: Preto / Branco / Cinza



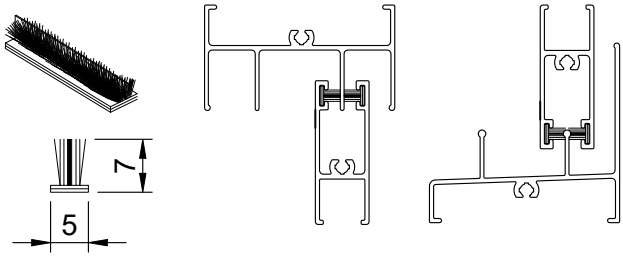
ECV-0505B	Escova Ved. 5x5 mm com Barreira
	Cor: Preto / Branco / Cinza



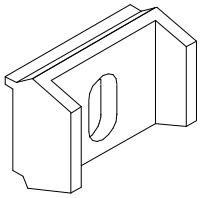
ECV-0507	Escova de Vedação 5x7mm
	Cor: Preto / Branco / Cinza



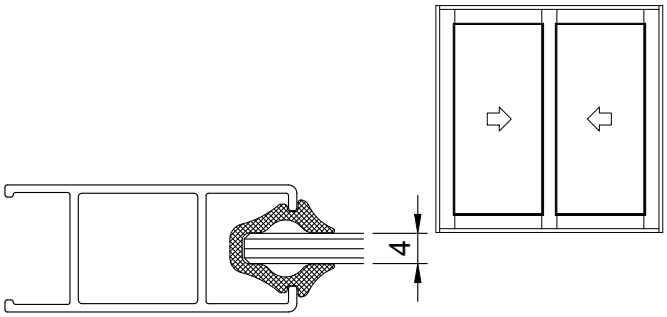
ECV-0507B	Escova Ved. 5x7mm com Barreira
	Cor: Preto / Branco / Cinza



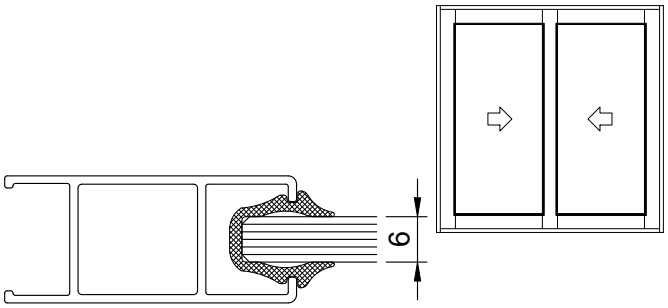
PRE-0002	Presilha de Arremate
	Polimero Cor: Preto / Branco



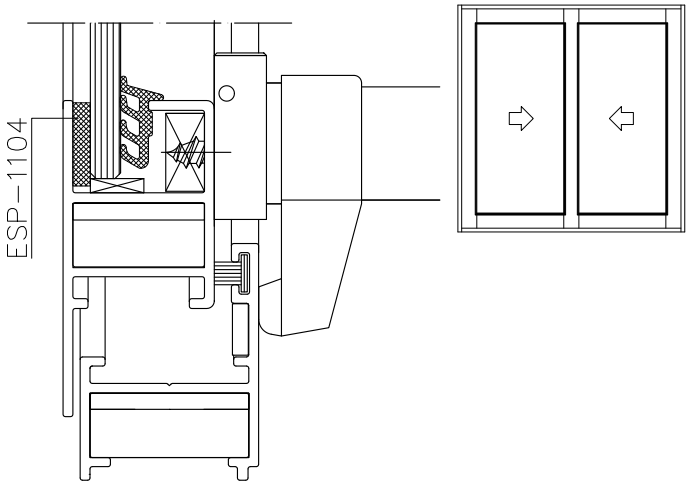
GXT-1198	Guarnição de EPDM
	Vidro de 4mm



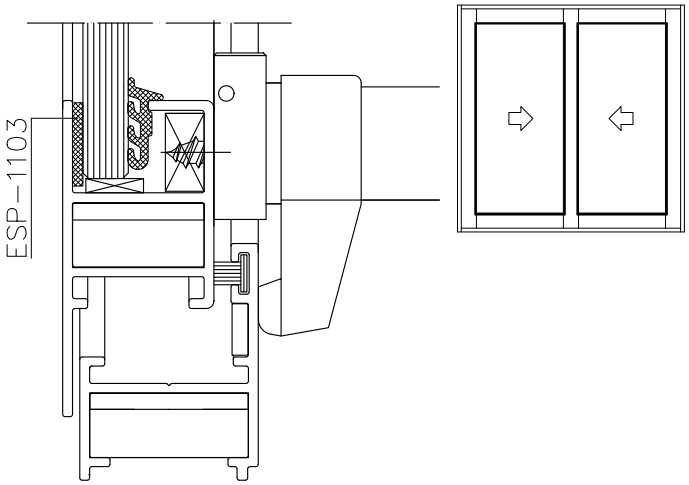
GXT-1199	Guarnição de EPDM
	Vidro de 6mm



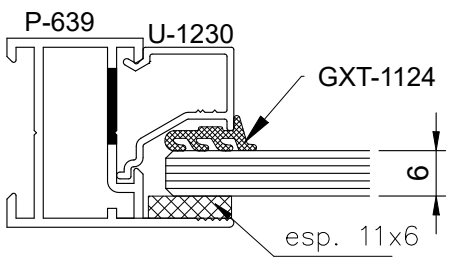
GXT-1123	Guarnição de EPDM
	Cunha Para Vidro de 4mm

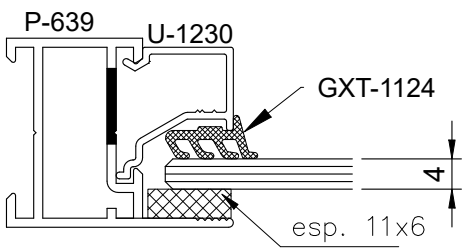


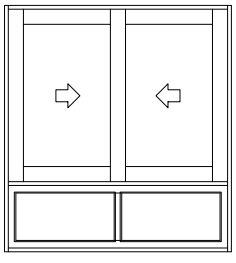
GXT-1124	Guarnição de EPDM
	Cunha Para Vidro de 6mm

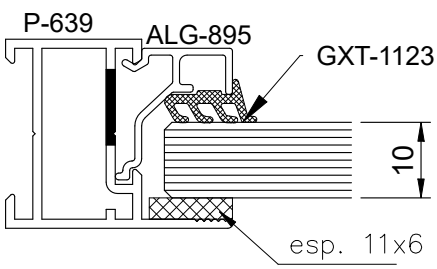


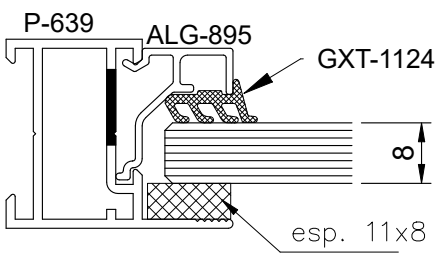
Peitoril Fixo



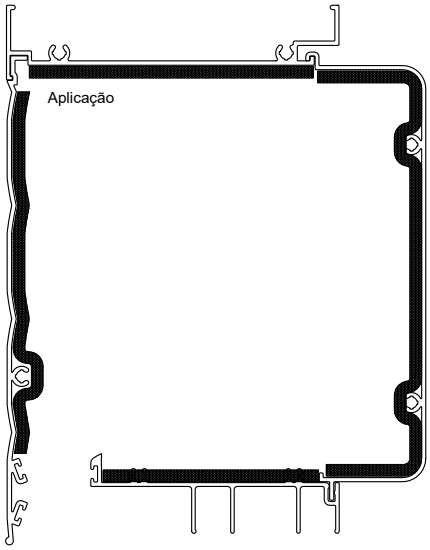


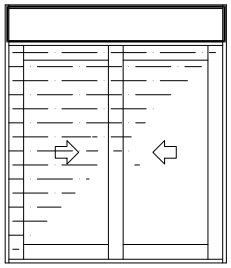




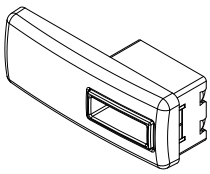


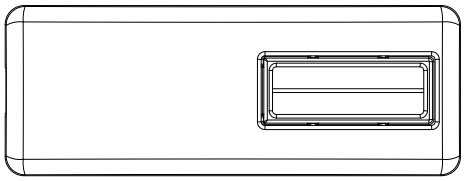
MTA-0001	Manta Acústica
	Isolamento da Caixa da Persiana

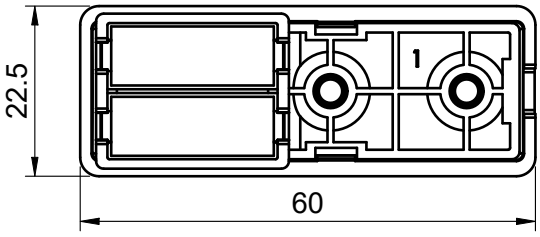


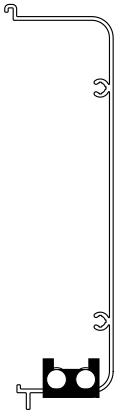


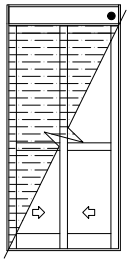
GCT-0003	Guia Inferior da Cinta
	Polimero Cor: Preto / Branco





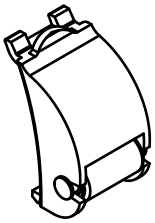


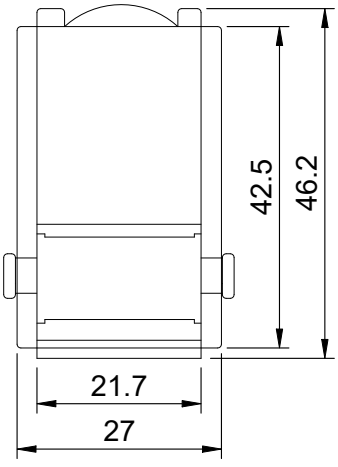


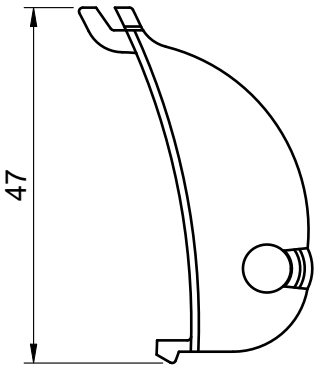


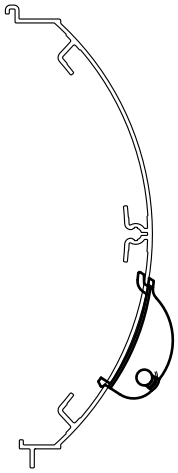
*Usinagem consultar ficha técnica do Fornecedor

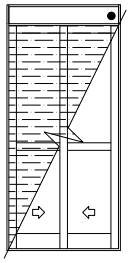
GCT-0004	Guia Frontal da Cinta
	Polimero Cor: Preto / Branco





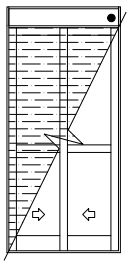


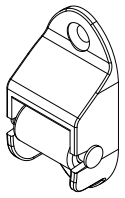


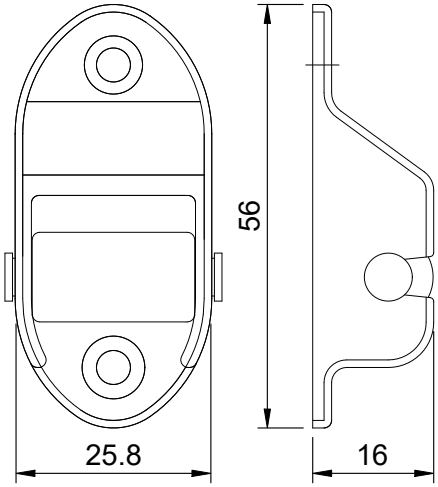


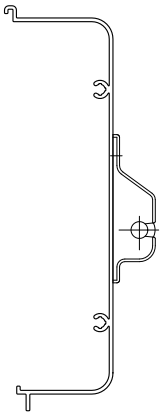
*Usinagem consultar ficha técnica do Fornecedor

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



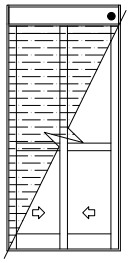


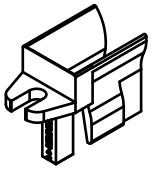




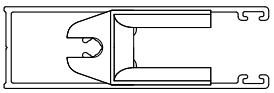
*Usinagem consultar ficha técnica do Fornecedor

GPE-0005	Guia da Esteira
	Polimero Cor: Preto

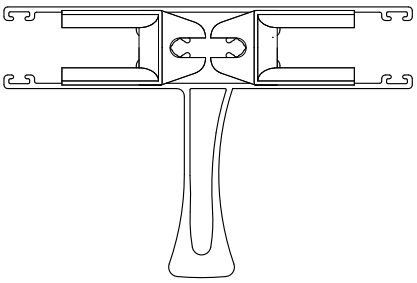


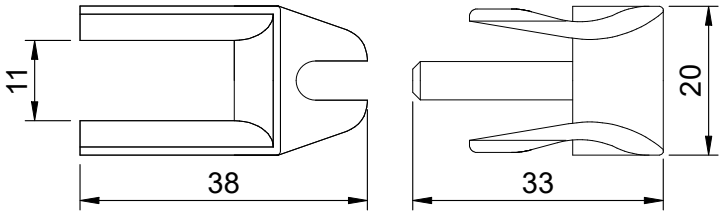


ALG-1013

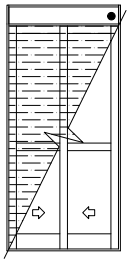


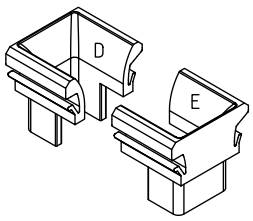
ALG-1015



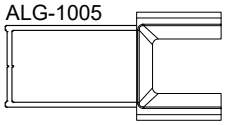


GPE-0006	Guia da Esteira
	Polimero Cor: Preto

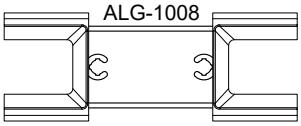


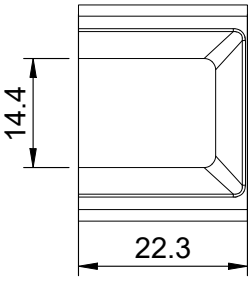


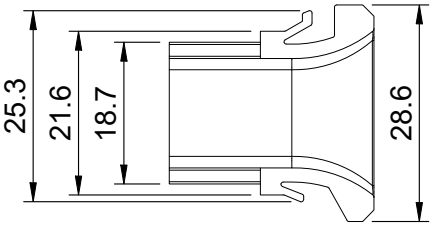
ALG-1005



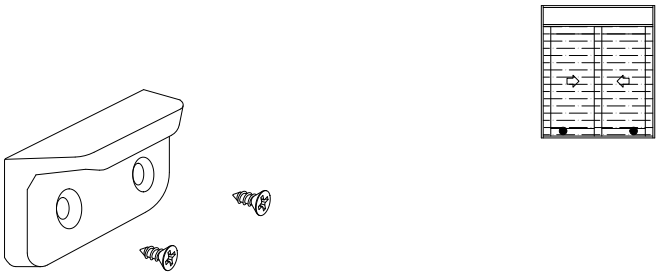
ALG-1008



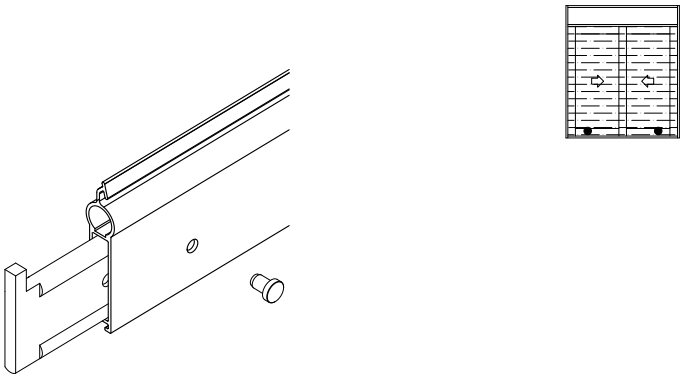


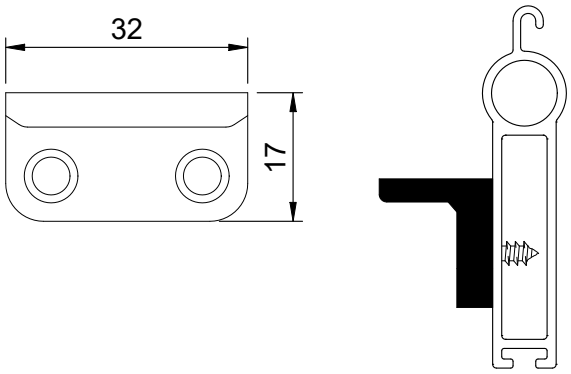


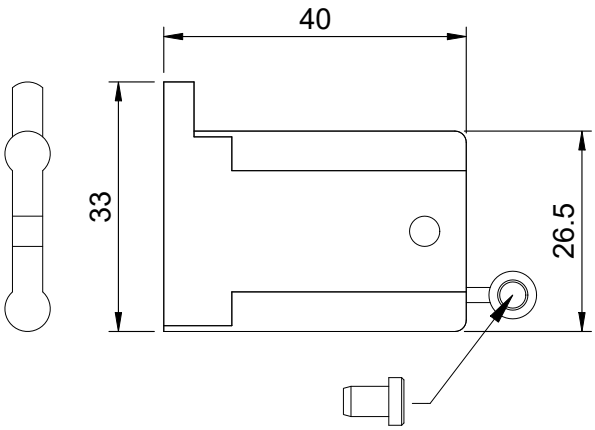
LPE-0001	Limitador da Esteira
	Polimero Cor: Preto / Branco



GPE-0002	Guia Limitador da Esteira
	Polimero Cor: Preto



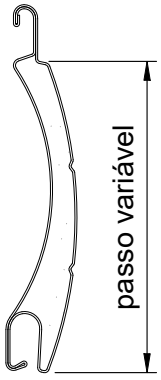


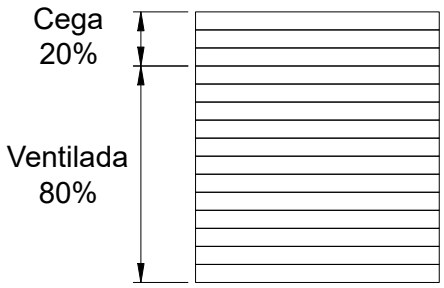


*Usinagem consultar ficha técnica do Fornecedor

Palheta cega
PAC-0001

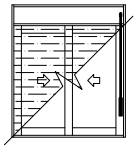
Palheta ventilada
PAV-0001

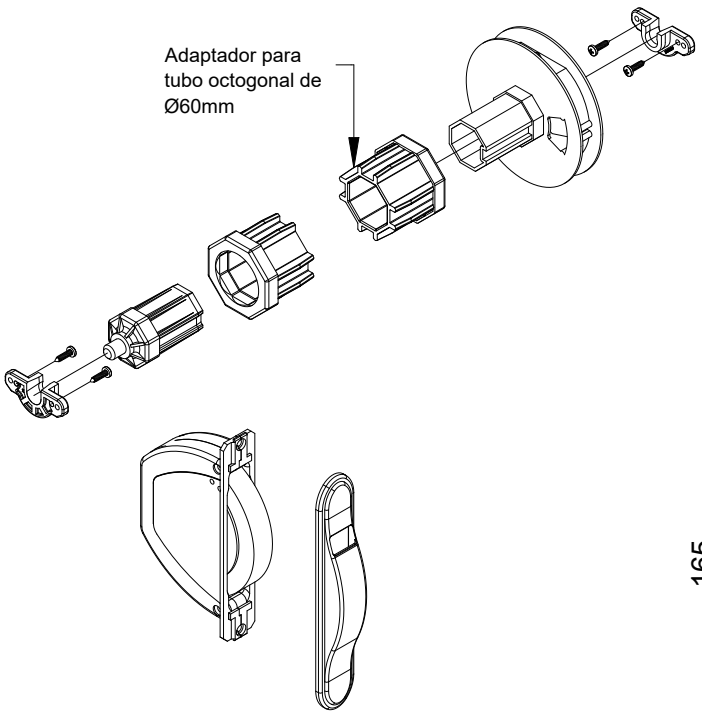




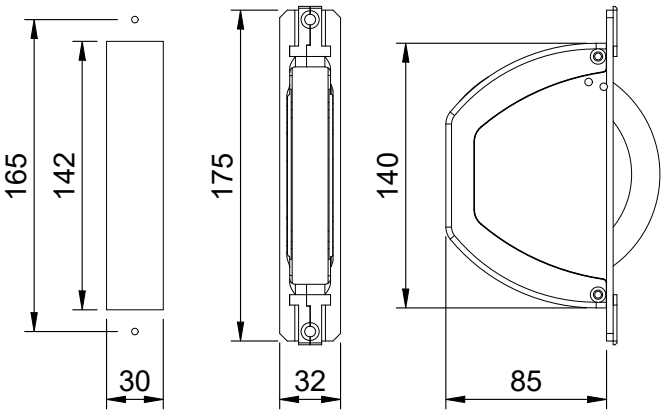
*Largura máxima e peso consultar ficha técnica do Fornecedor

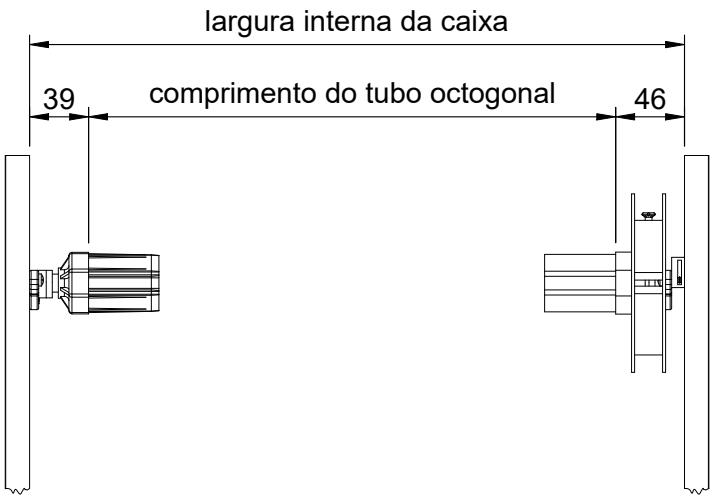
RCO-0001	Recolhedor Manual Janela
	Cor: Preto / Branco

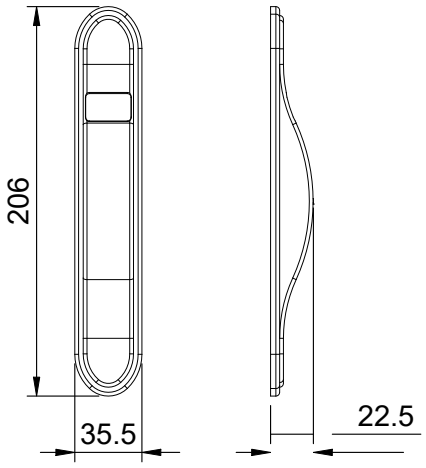




Usinagens

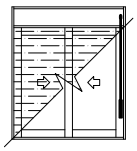


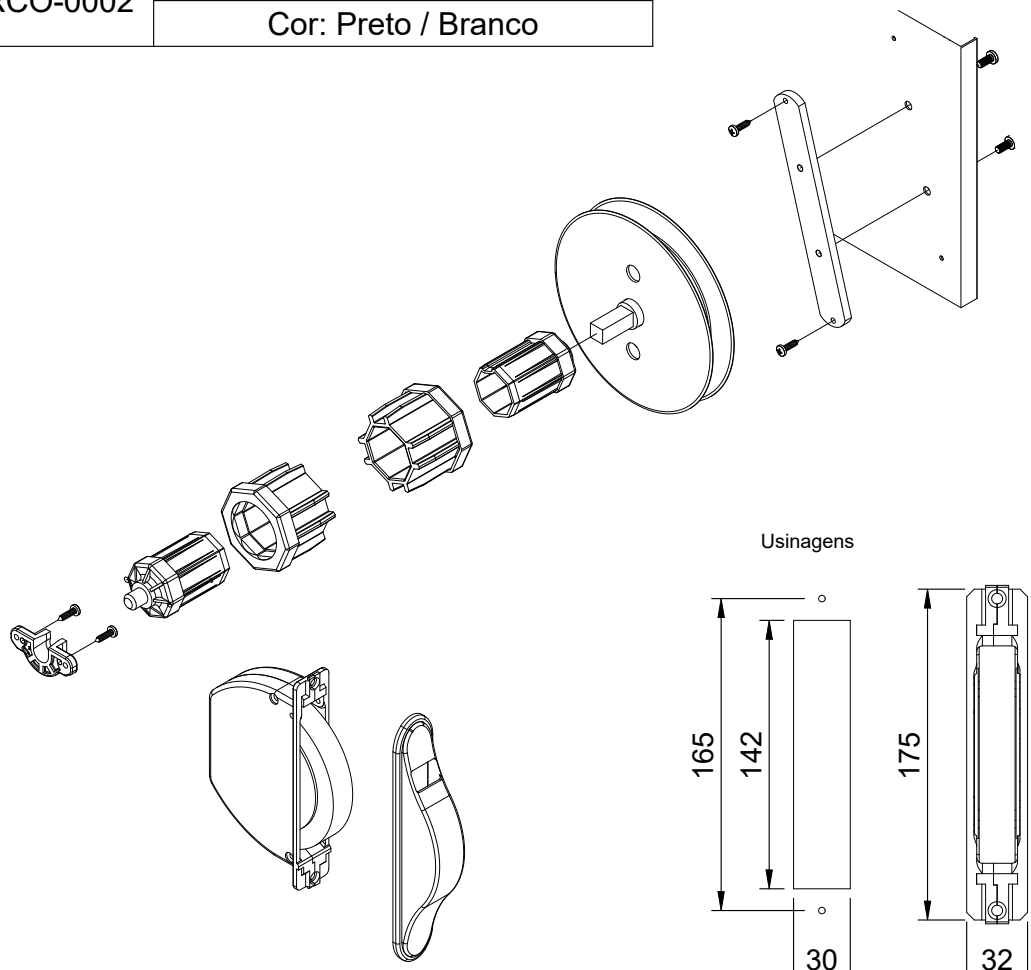




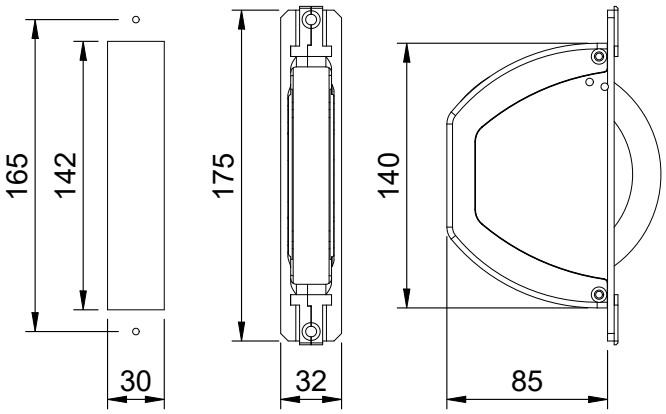
*Usinagem consultar ficha técnica do Fornecedor

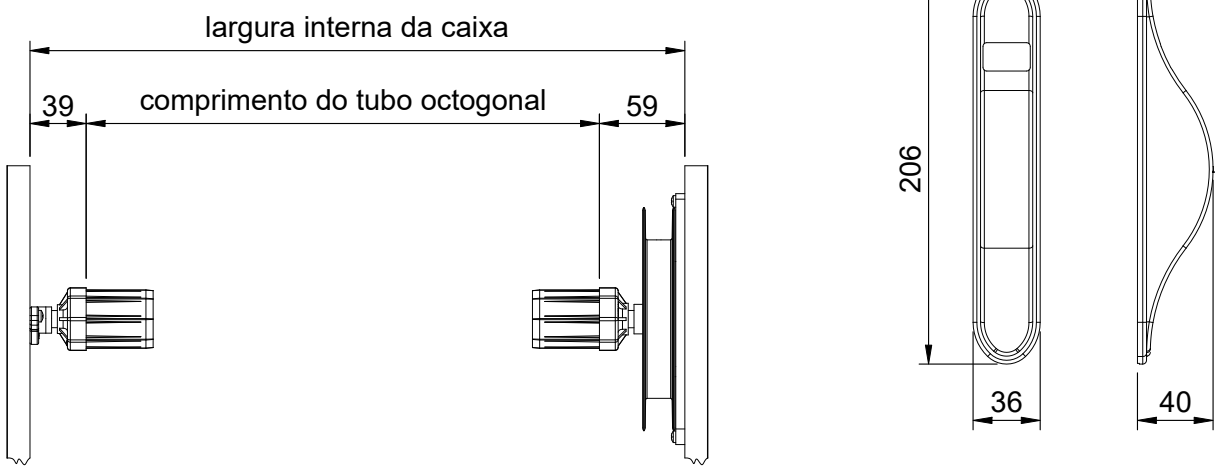
RCO-0002	Recolhedor Manual Janela
	Cor: Preto / Branco





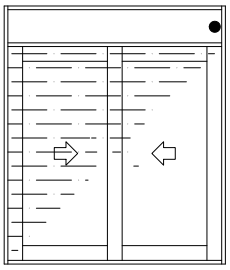
Usinagens

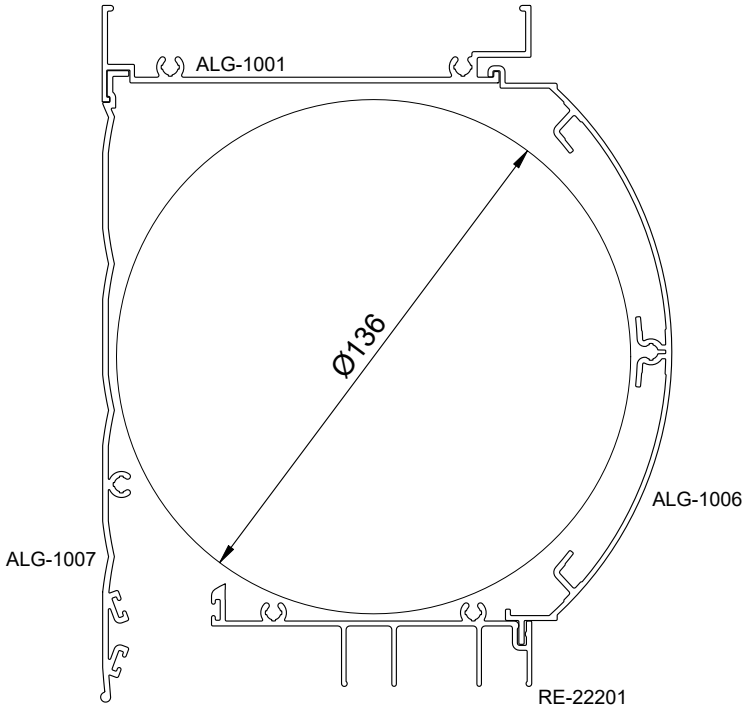


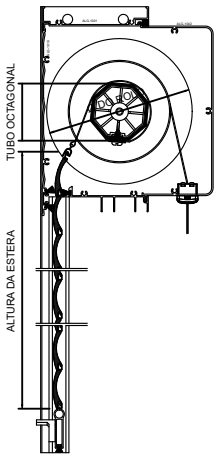


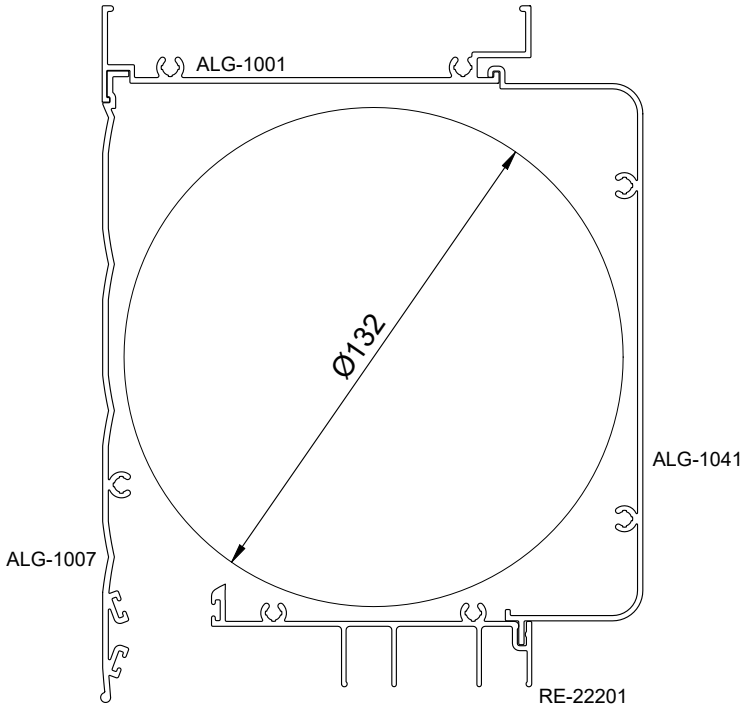
*Usinagem consultar ficha técnica do Fornecedor

Medidas máximas do rolo na caixa da persiana janelas

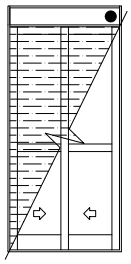


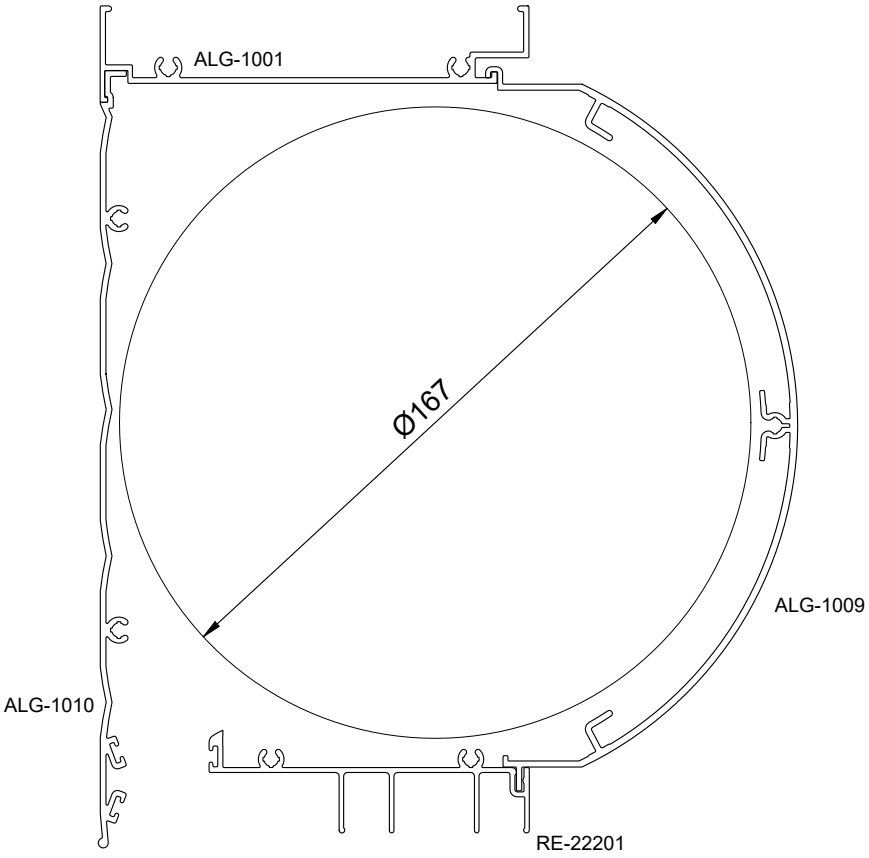


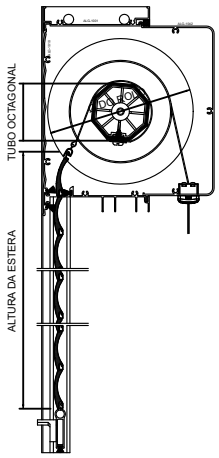


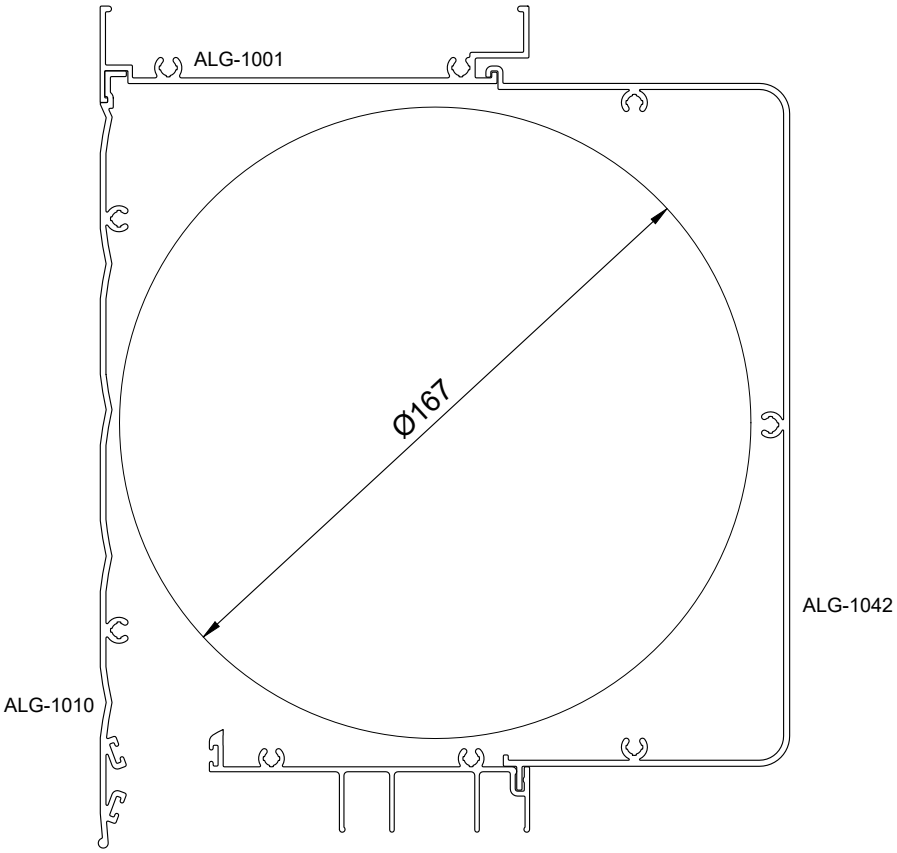


Medidas máximas do rolo na caixa da persiana portas

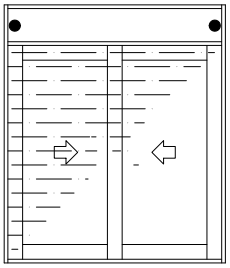


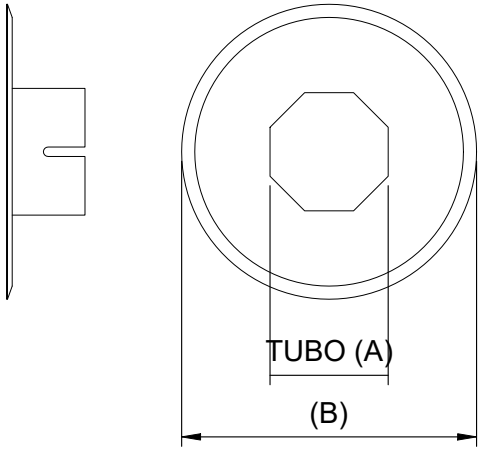


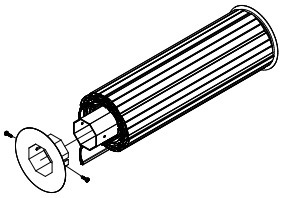




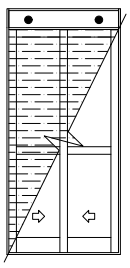
Disco Alinhador da Persiana	
Código	Tubo (A)
DAP-0040	DS-238 (40)
DAP-0060	MN-015 (60)

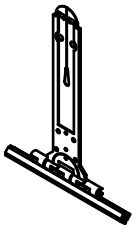


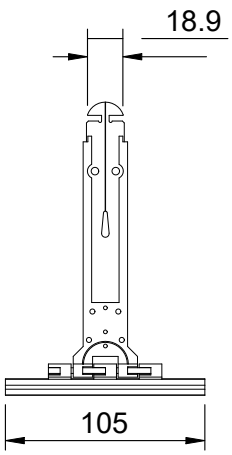


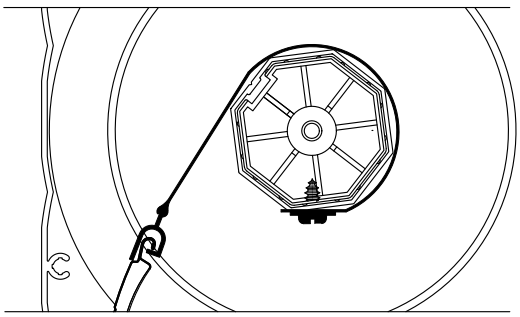


FPE-0001	Fixador da Esteira
	Aço Inox - Natural



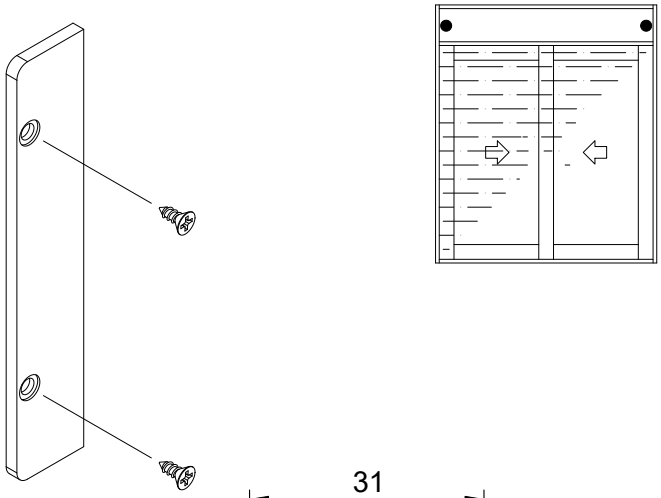


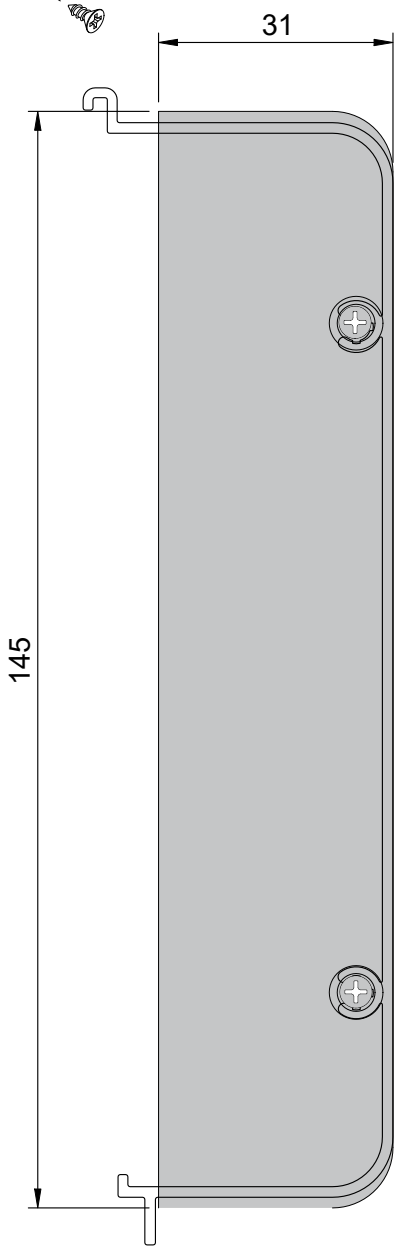




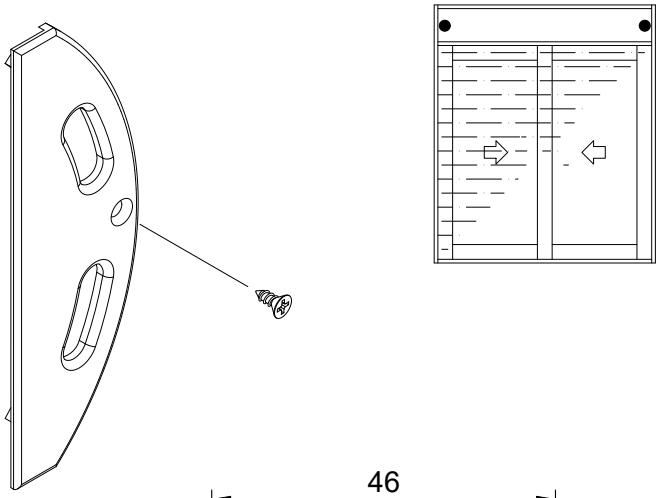
RE-22201

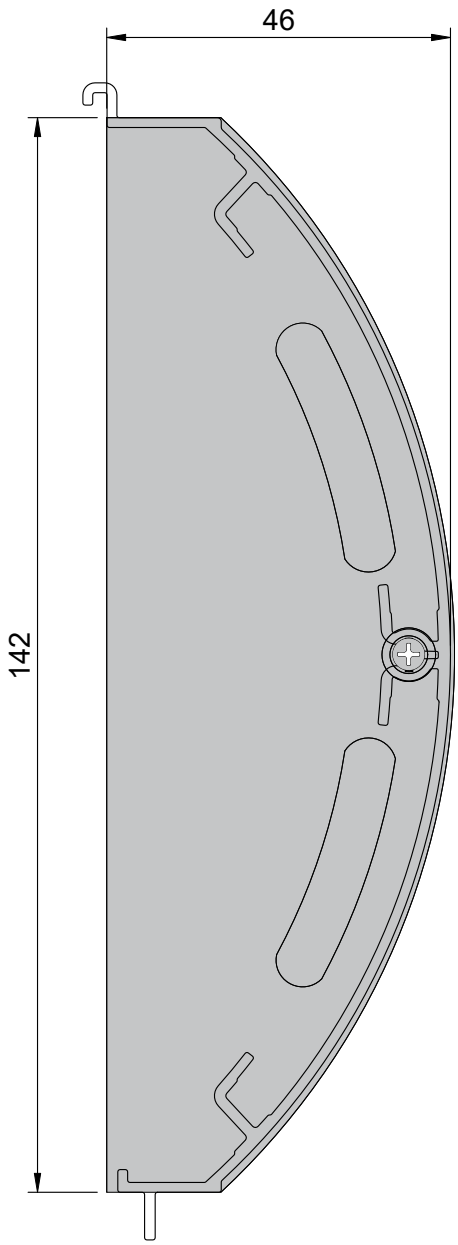
TMT-0005	Tampa Caixa Integrada Janela
	Polimero Cor: Preto / Branco



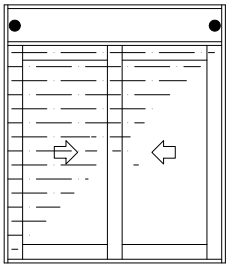


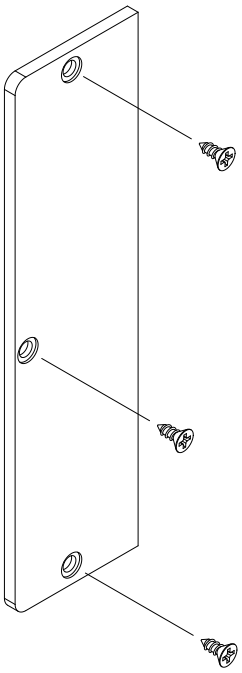
TMT-0006	Tampa Caixa Integrada Janela
	Polimero Cor: Preto / Branco

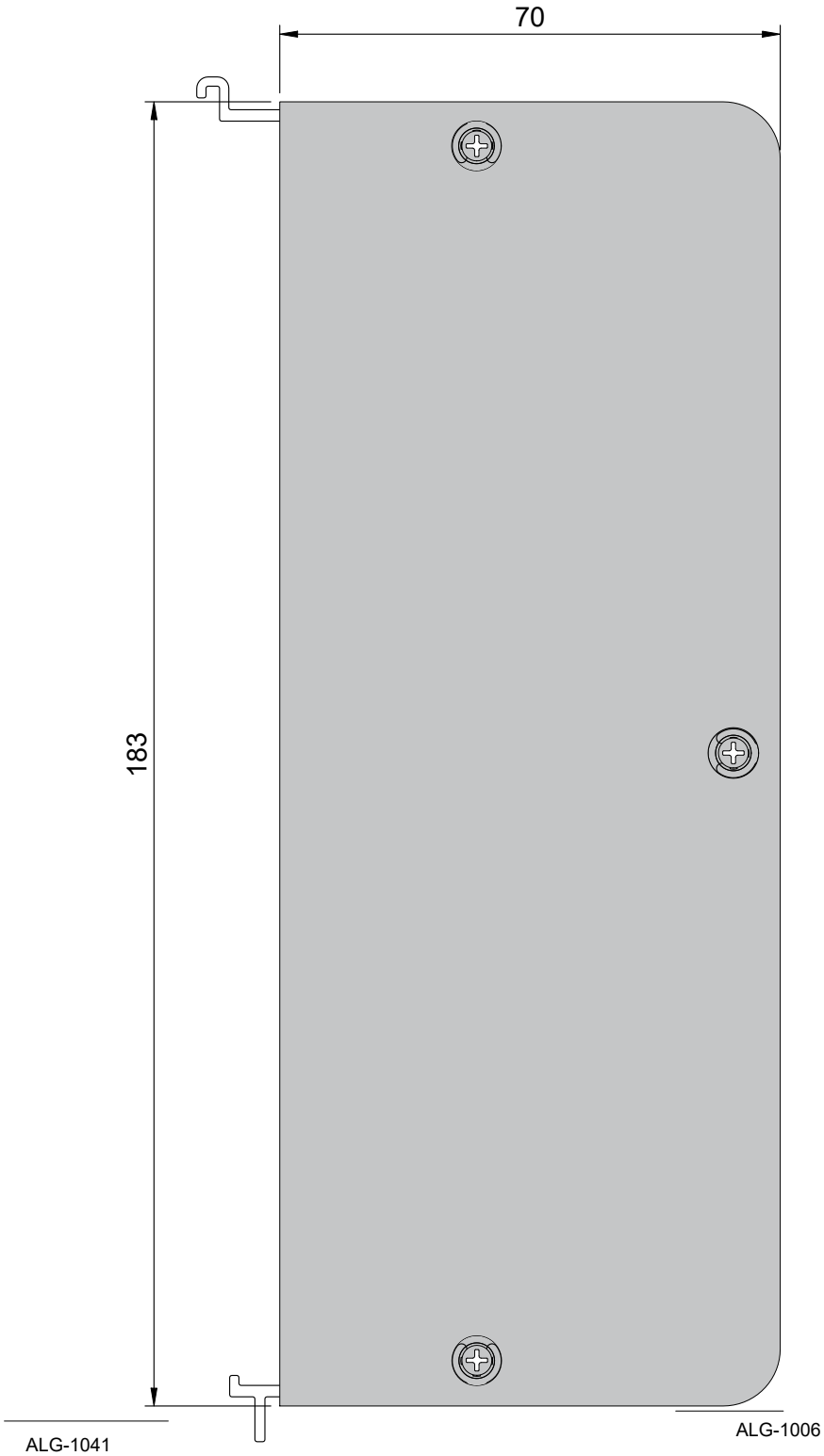




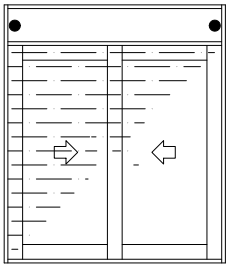
TMT-0007	Tampa Caixa Integrada Porta
	Polimero Cor: Preto / Branco

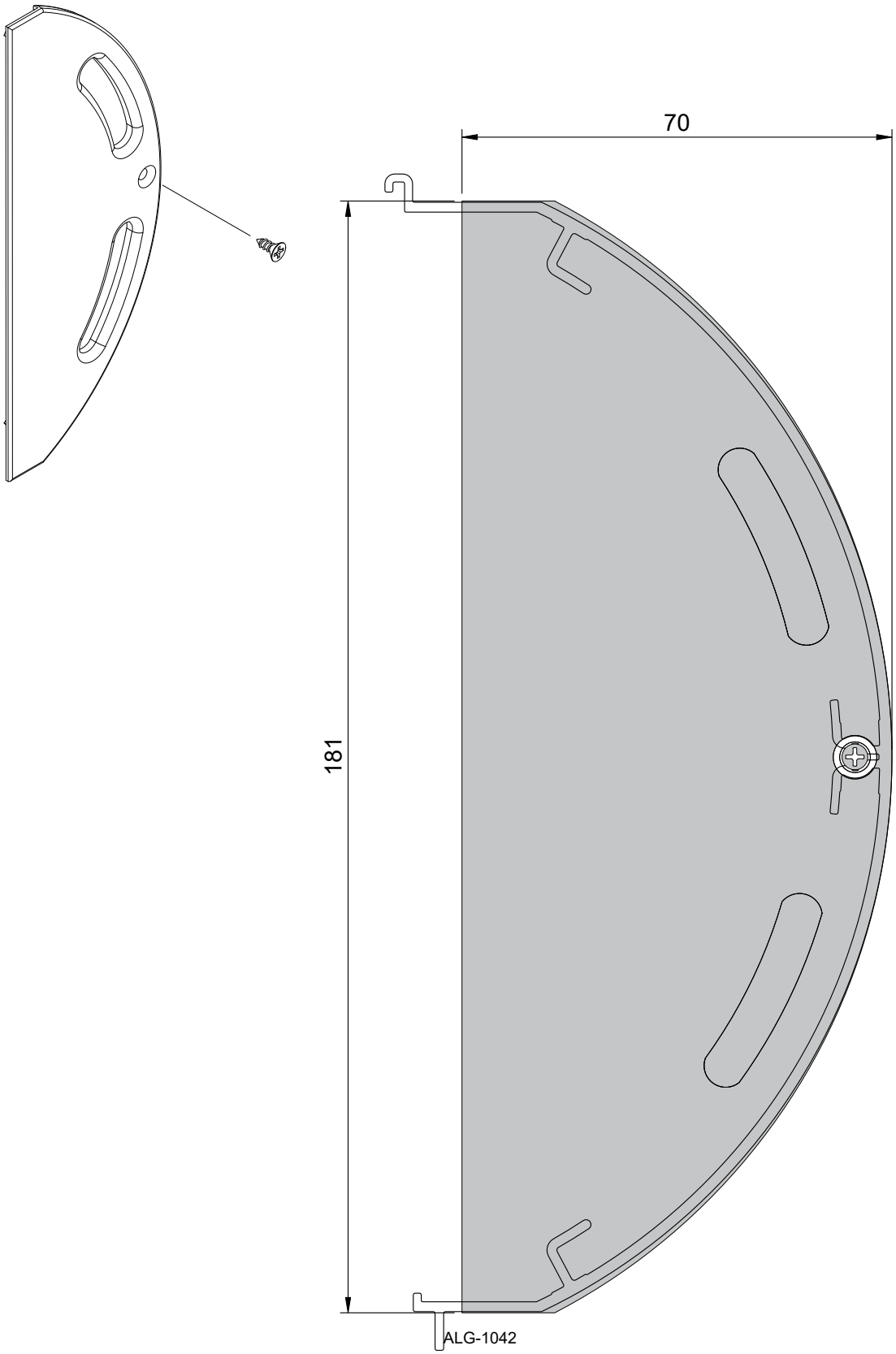




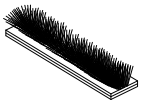


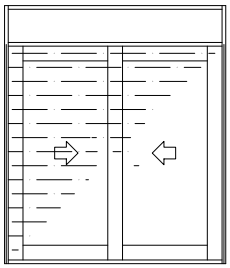
TMT-0008	Tampa Caixa Integrada Porta
	Polimero Cor: Preto / Branco

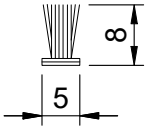


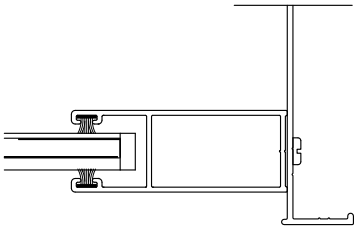


ECV-0508	Escova de Vedação 5x8mm
	Cor: Preto / Branco / Cinza

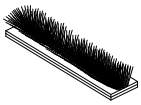


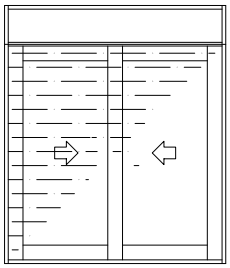


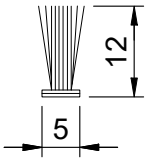


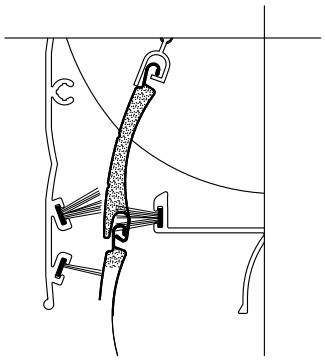


ECV-0512	Escova de Vedação 5x12mm
	Cor: Preto / Branco / Cinza

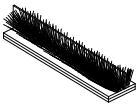


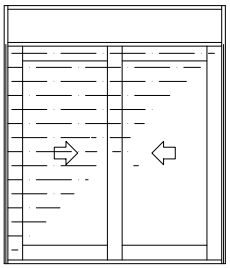


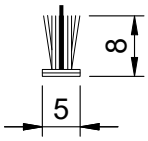


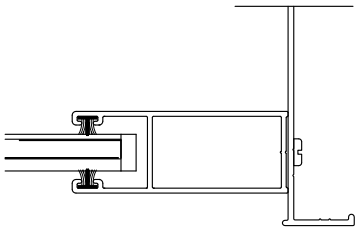


ECV-0508B	Escova Ved. 5x8mm com Barreira
	Cor: Preto / Branco / Cinza

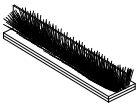


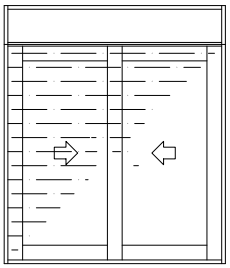


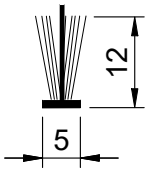


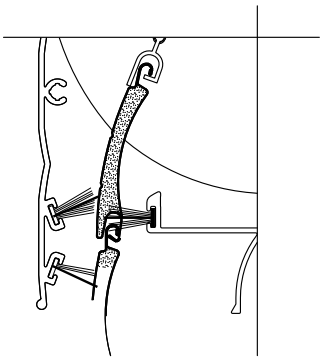


ECV-0512B	Escova Ved. 5x12mm com Barreira
	Cor: Preto / Branco / Cinza



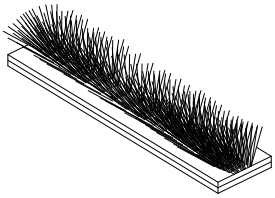


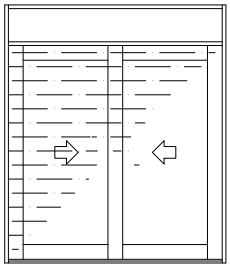


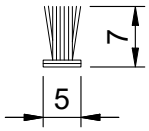


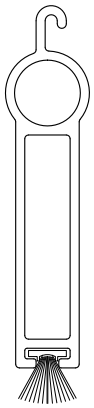
ALG-1009

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

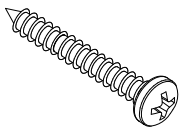


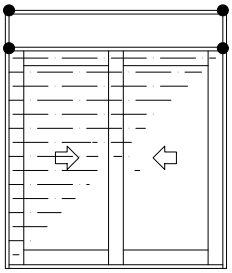


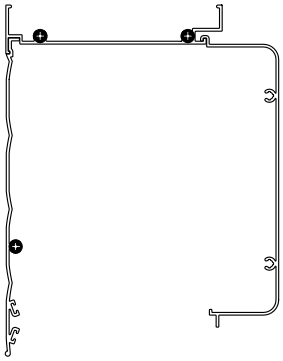




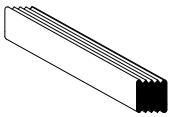
PCP-4225	Parf. Cab. Pan. 4,2x25 Aço Inox
	Aço Inox - Natural

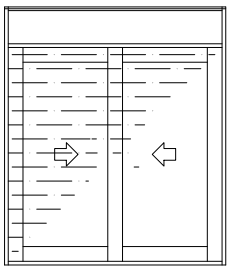


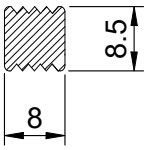


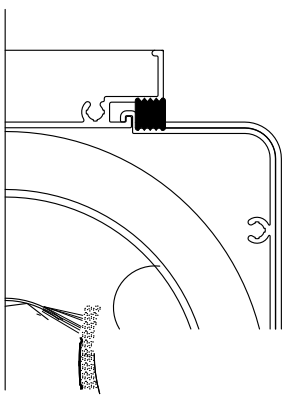


GXT-1155	Guarnição de EPDM

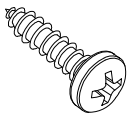


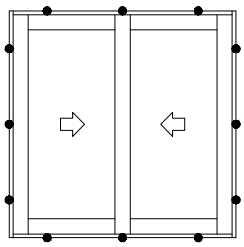


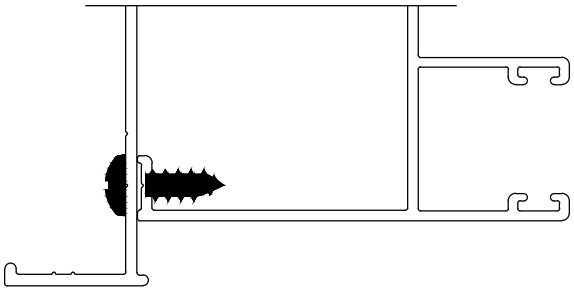


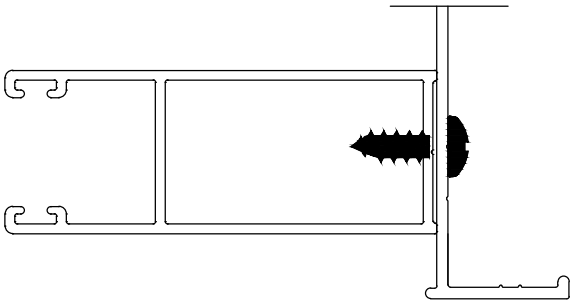


PCP-4213	Parf. Cab. Pan. 4,2x13 Aço Inox
	Aço Inox - Natural

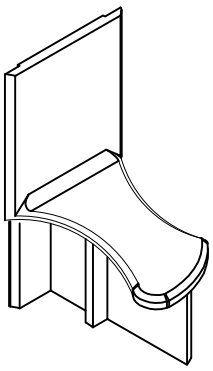




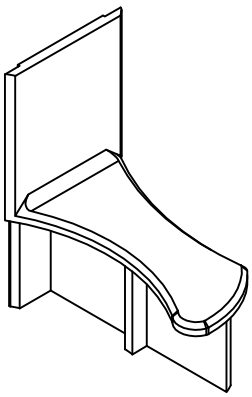




TMT-0041	Tampa Montante VG-736
	Nylon



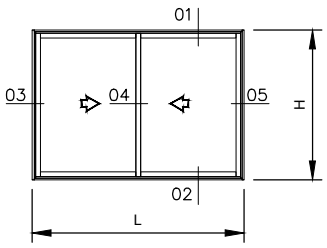
TMT-0042	Tampa Montante VG-737
	Nylon

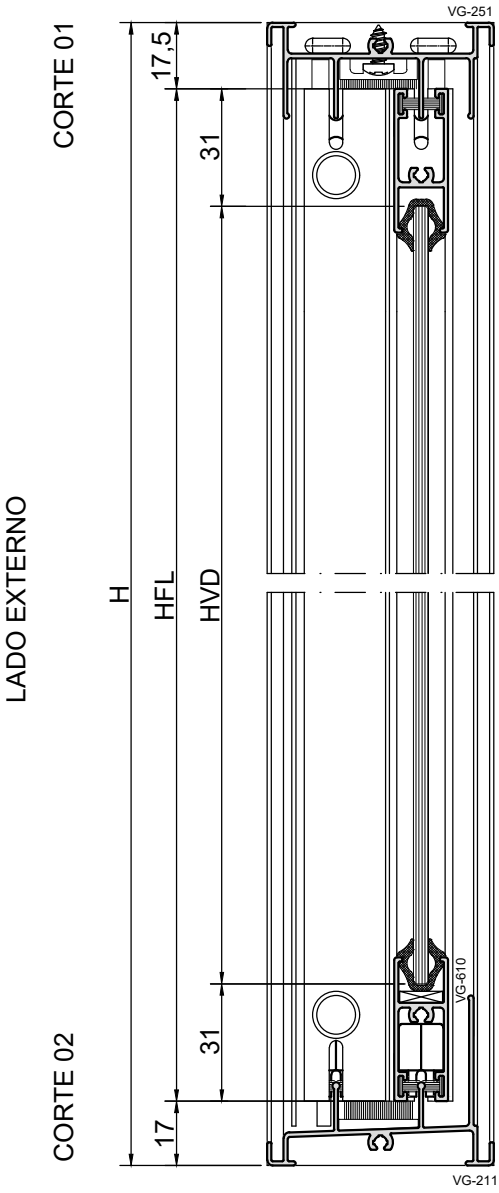


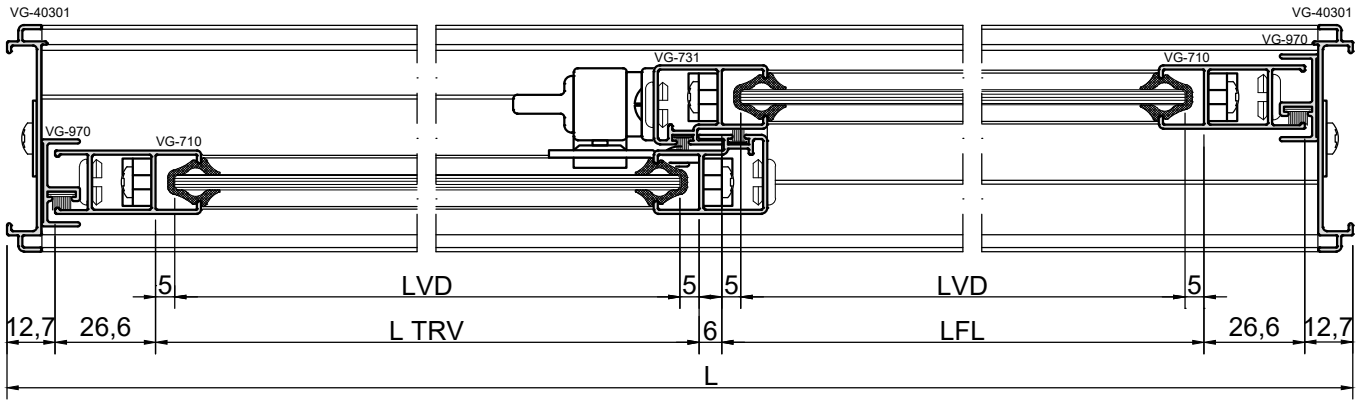
Montagens

MONTAGENS / FOLGAS DE CORTE

JANELA DE CORRER
2 FOLHAS



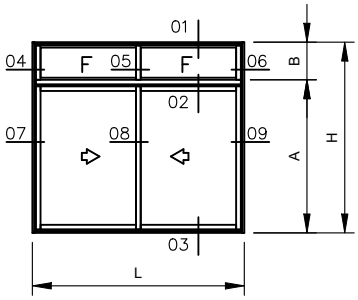


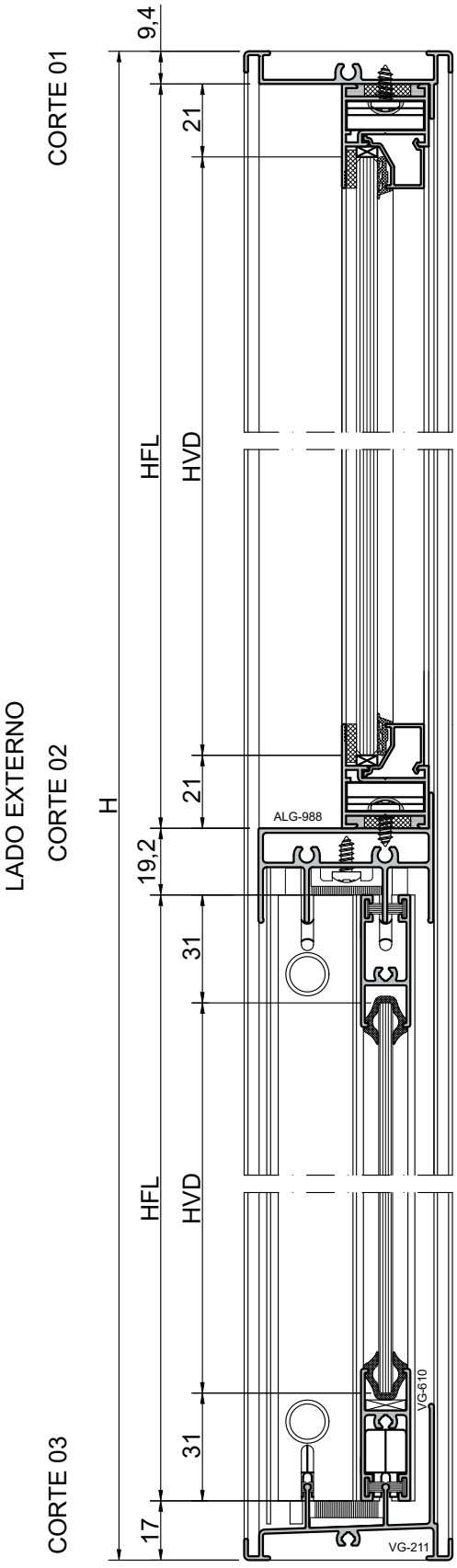


CORTE 03 CORTE 04 CORTE 05

LADO EXTERNO

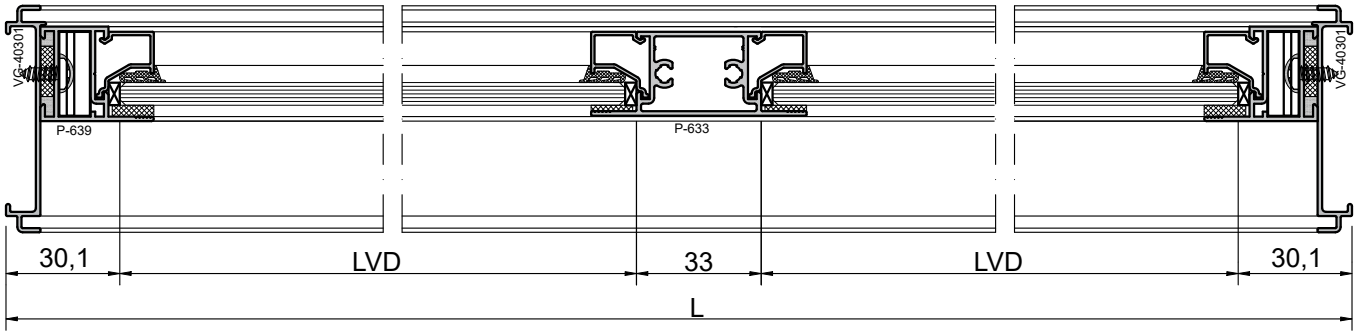
JANELA DE CORRER
2 FOLHAS
COM BANDEIRA FIXA



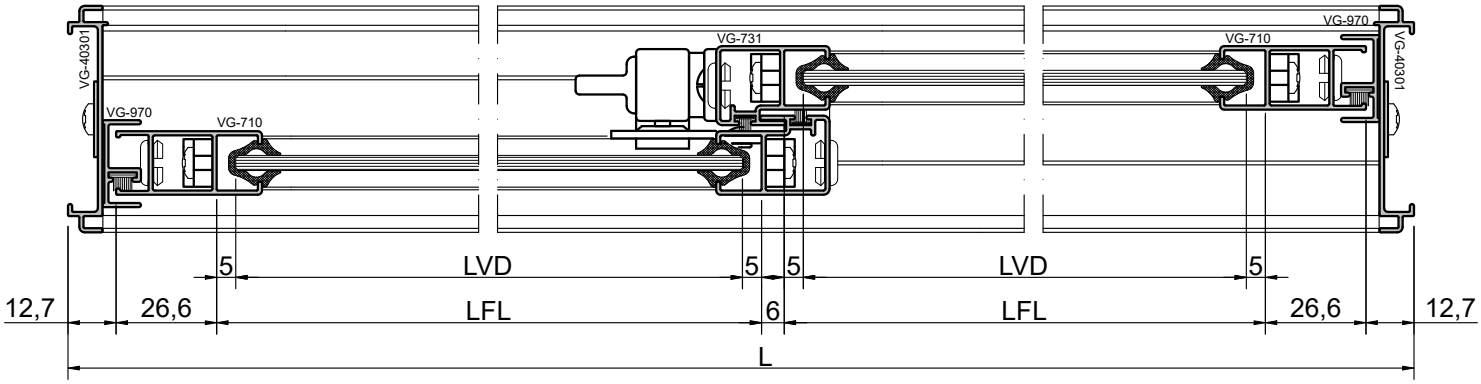


JANELA DE CORRER
2 FOLHAS

COM BANDEIRA FIXA



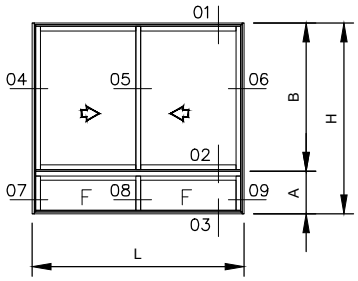
CORTE 04 CORTE 05 CORTE 06

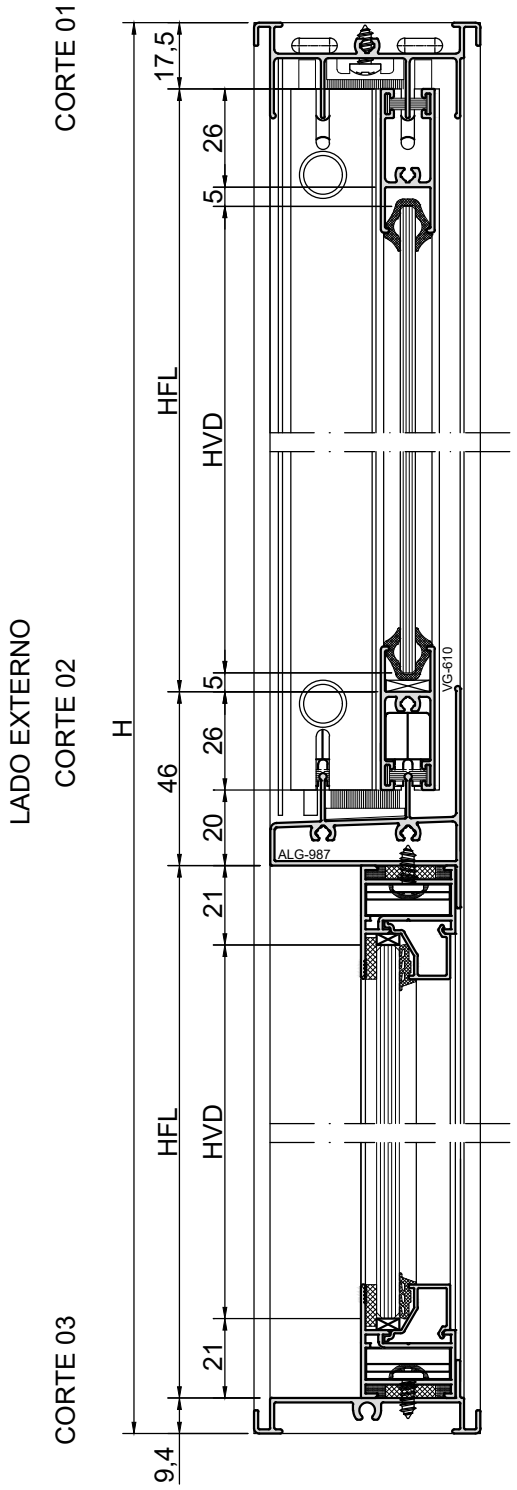


CORTE 07 CORTE 08 CORTE 09

LADO EXTERNO

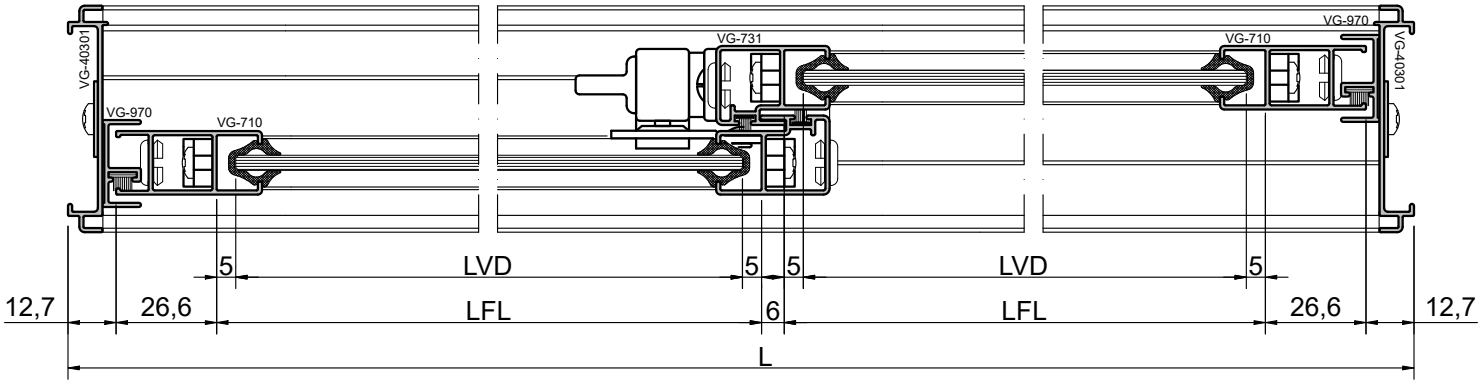
JANELA DE CORRER
2 FOLHAS
COM BANDEIRA FIXA





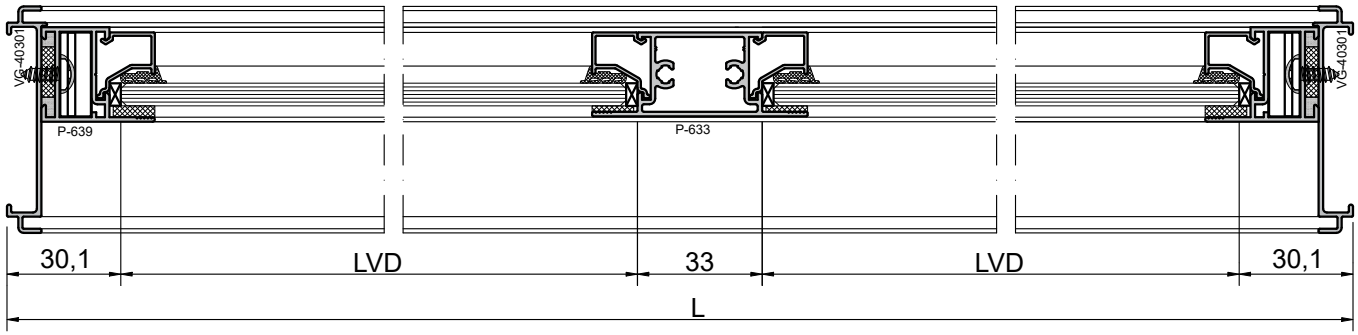
JANELA DE CORRER
2 FOLHAS

COM BANDEIRA FIXA



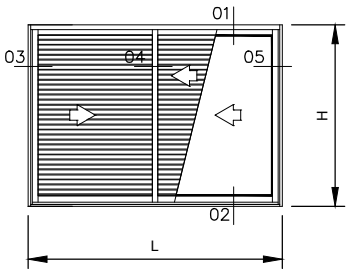
CORTE 04 | CORTE 05 | CORTE 06

LADO EXTERNO

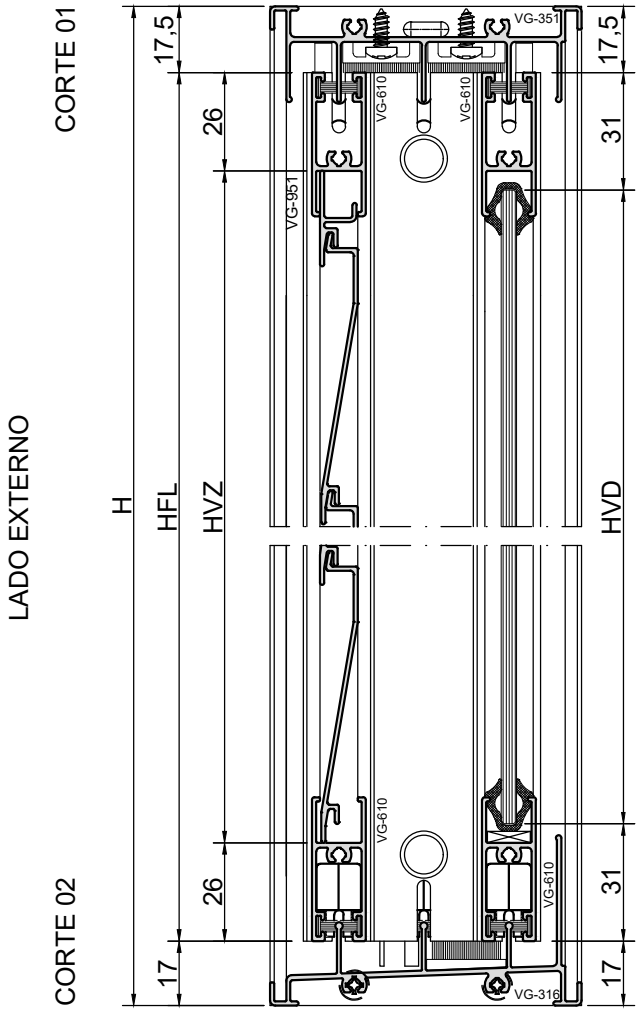


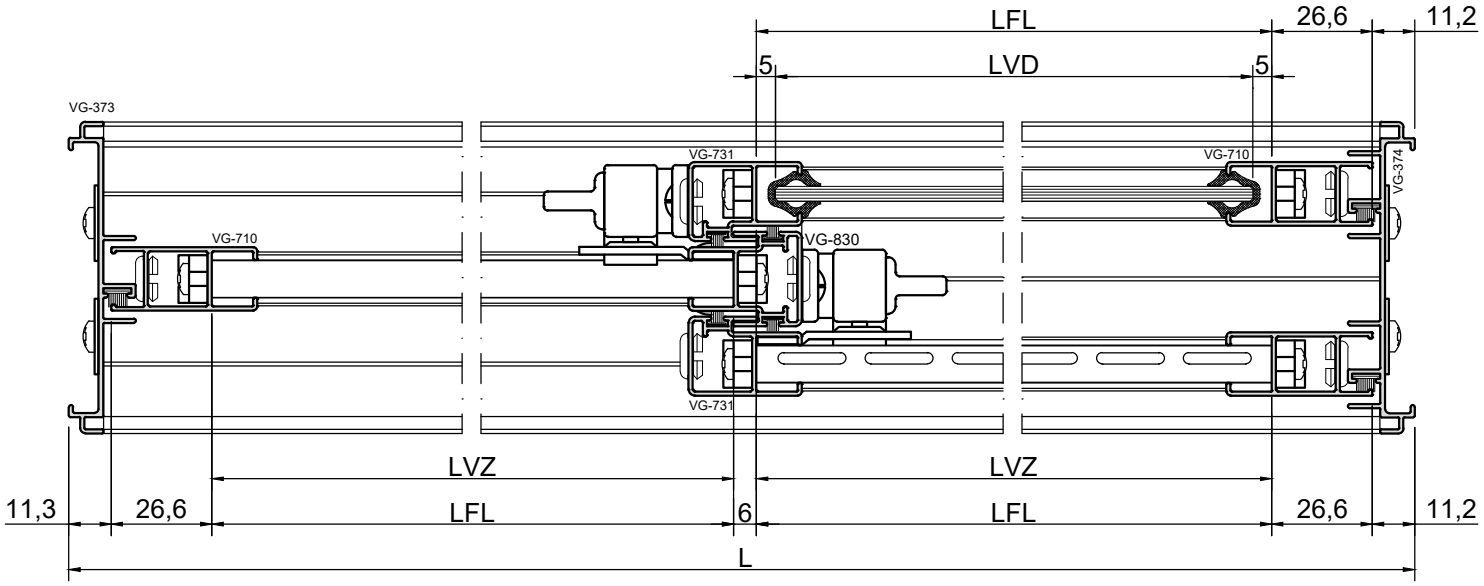
CORTE 07 | CORTE 08 | CORTE 09

JANELA DE CORRER
3 FOLHAS C/ 2 FOLHAS
COM VZ E 1 FOLHA C/ VIDRO (03 PLANOS)



	ALG-992S	PERFIL COM ESTAMPO PARA VP
	ALG-992	PERFIL SEM ESTAMPO PARA VP



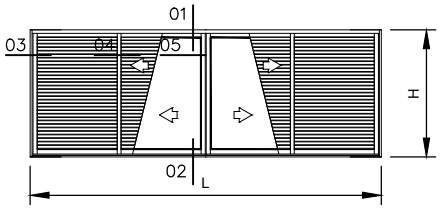


CORTE 03 CORTE 04 CORTE 05

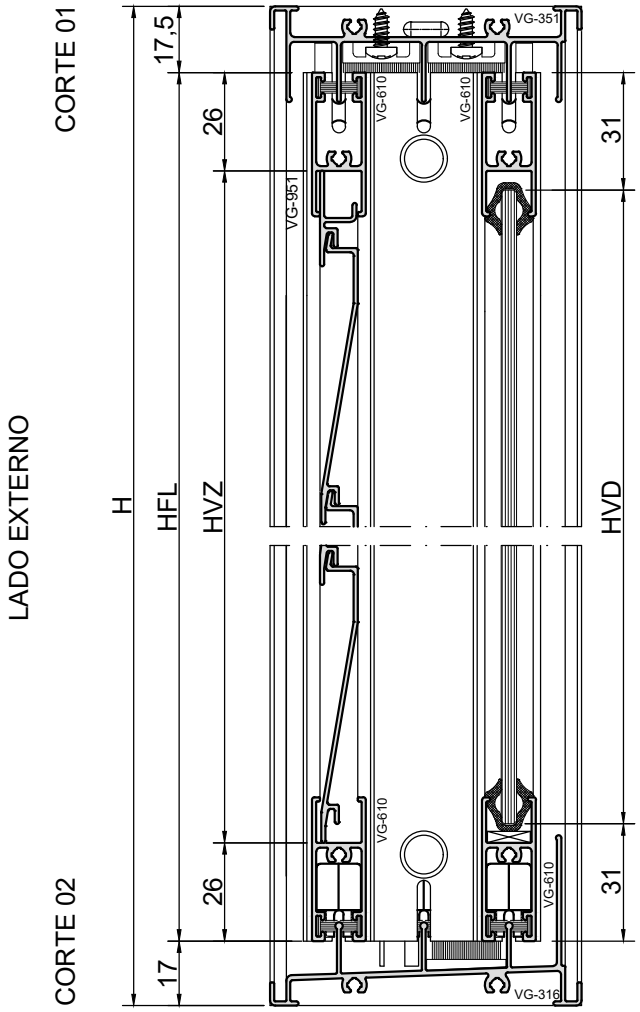
LADO EXTERNO

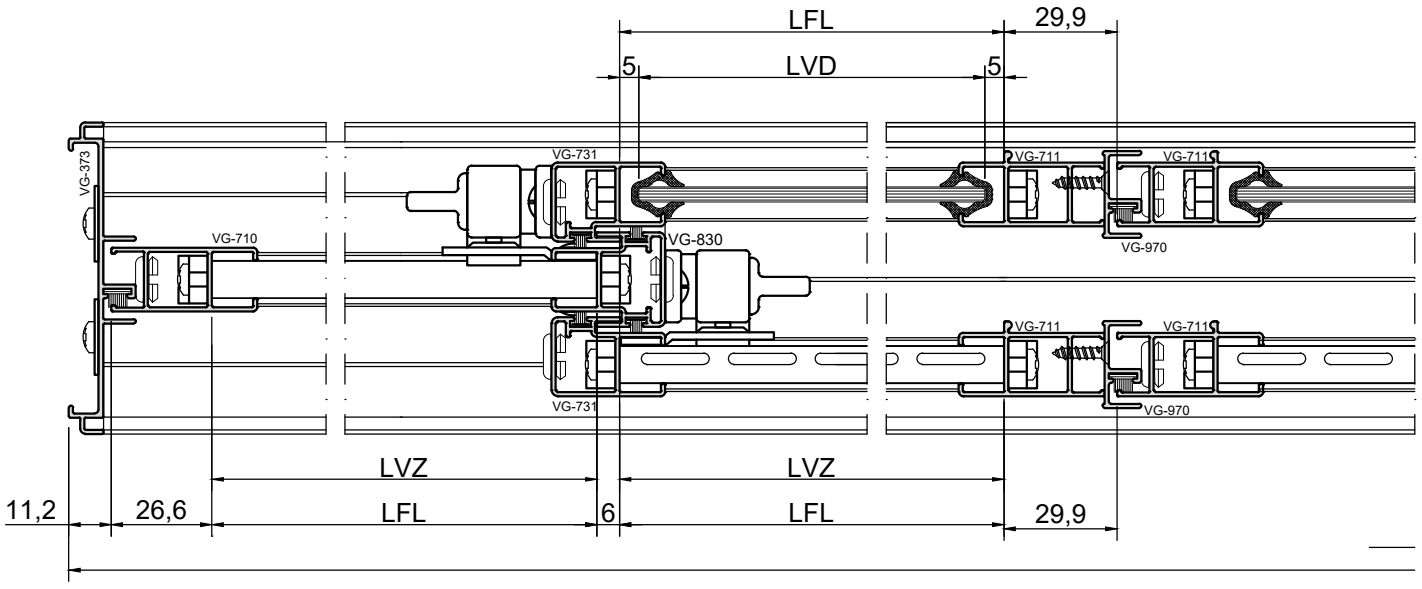
JANELA DE CORRER
6 FOLHAS C/ 4 FOLHAS

COM VZ E 1 FOLHA C/ VIDRO (03 PLANOS)



	ALG-992S	PERFIL COM ESTAMPO PARA VP
	ALG-992	PERFIL SEM ESTAMPO PARA VP

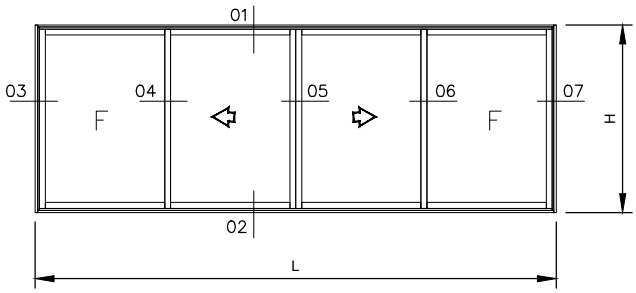


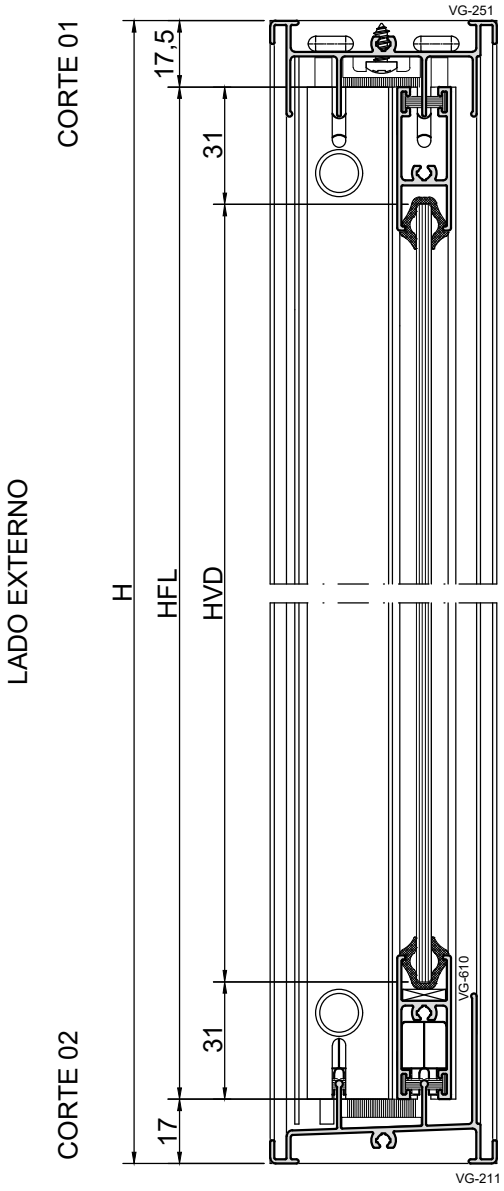


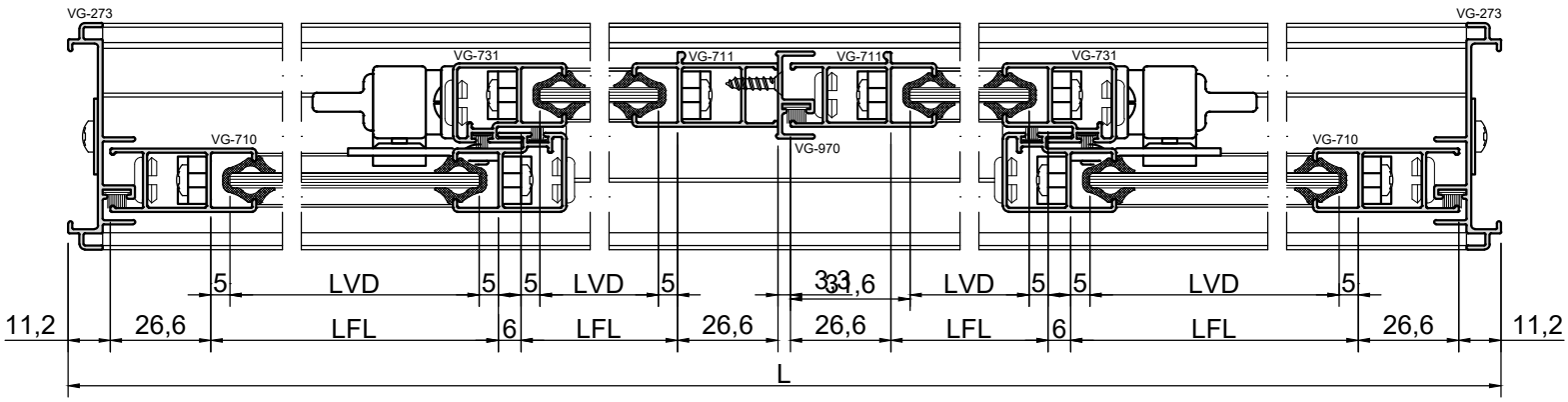
CORTE 03 CORTE 04 CORTE 05

LADO EXTERNO

JANELA DE CORRER
4 FOLHAS (2 PLANOS)



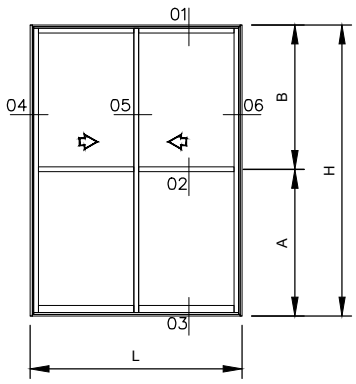


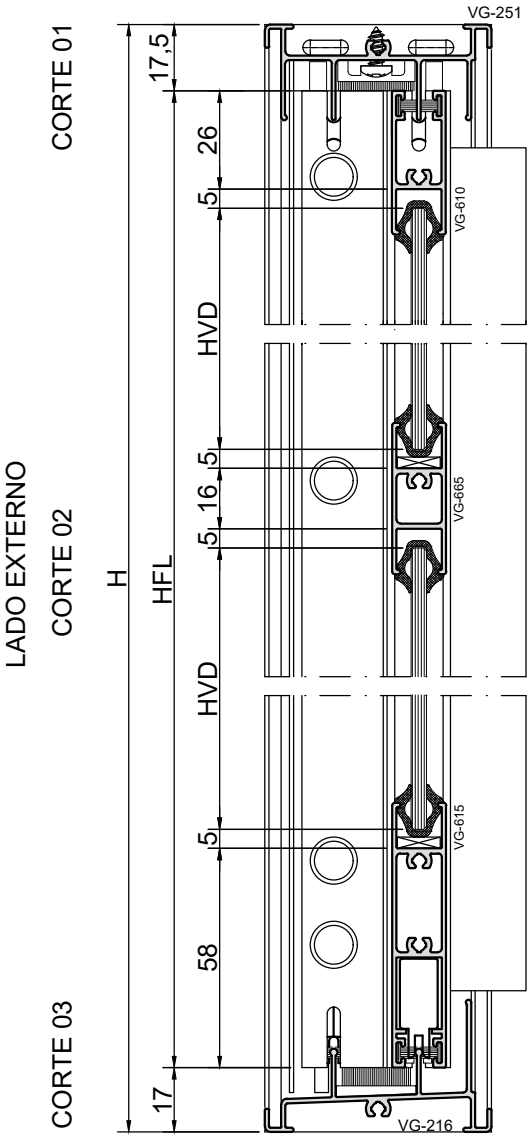


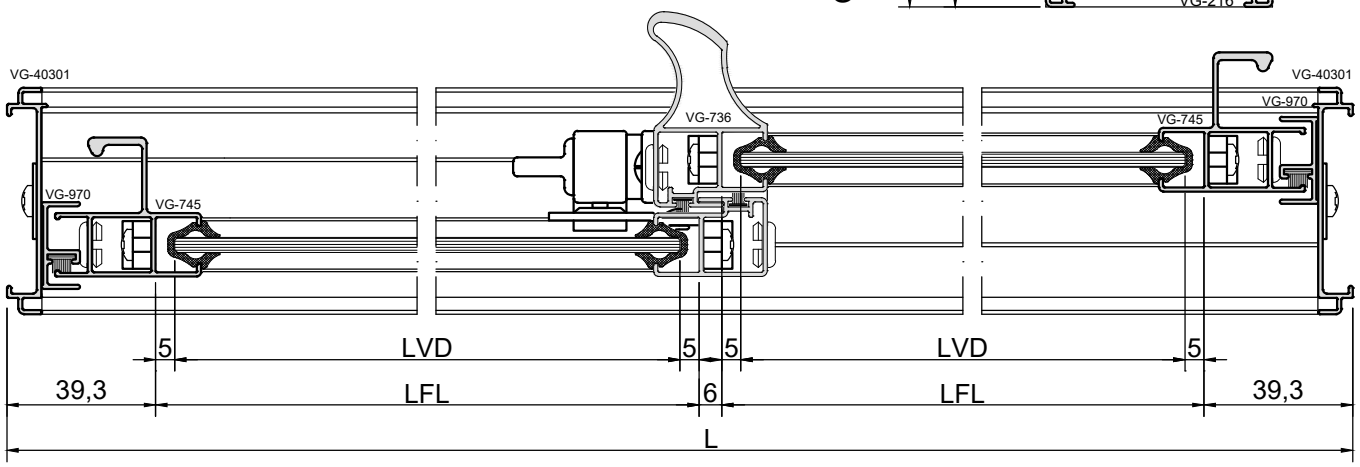
CORTE 03 CORTE 04 CORTE 05 CORTE 06 CORTE 07

LADO EXTERNO

PORTA DE CORRER
2 FOLHAS



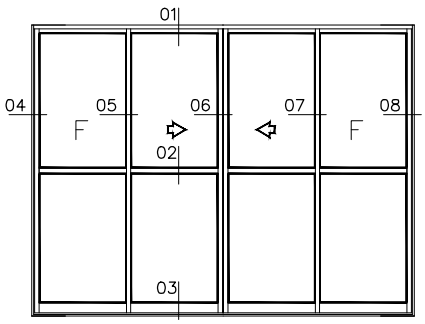


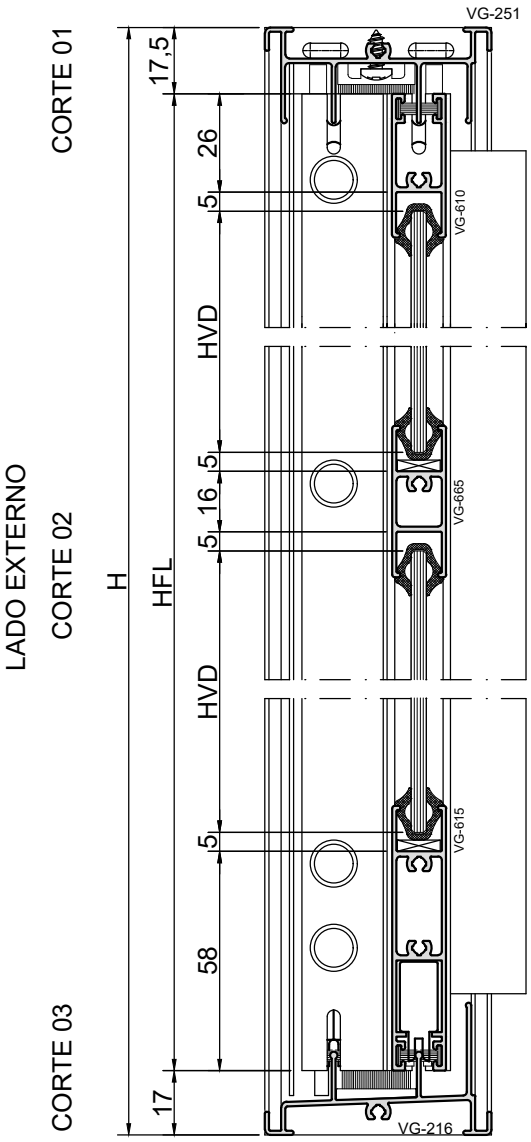


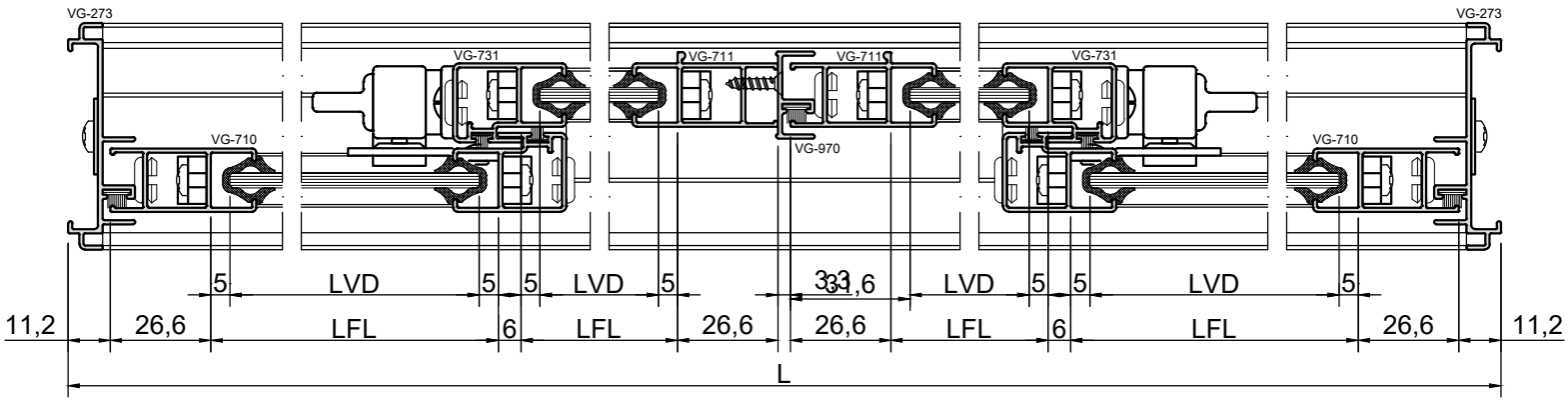
CORTE 04 CORTE 05 CORTE 06

LADO EXTERNO

PORTA DE CORRER
4 FOLHAS (2 PLANOS)





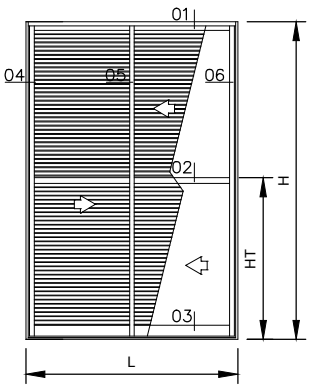


CORTE 03 CORTE 04 CORTE 05 CORTE 06 CORTE 07

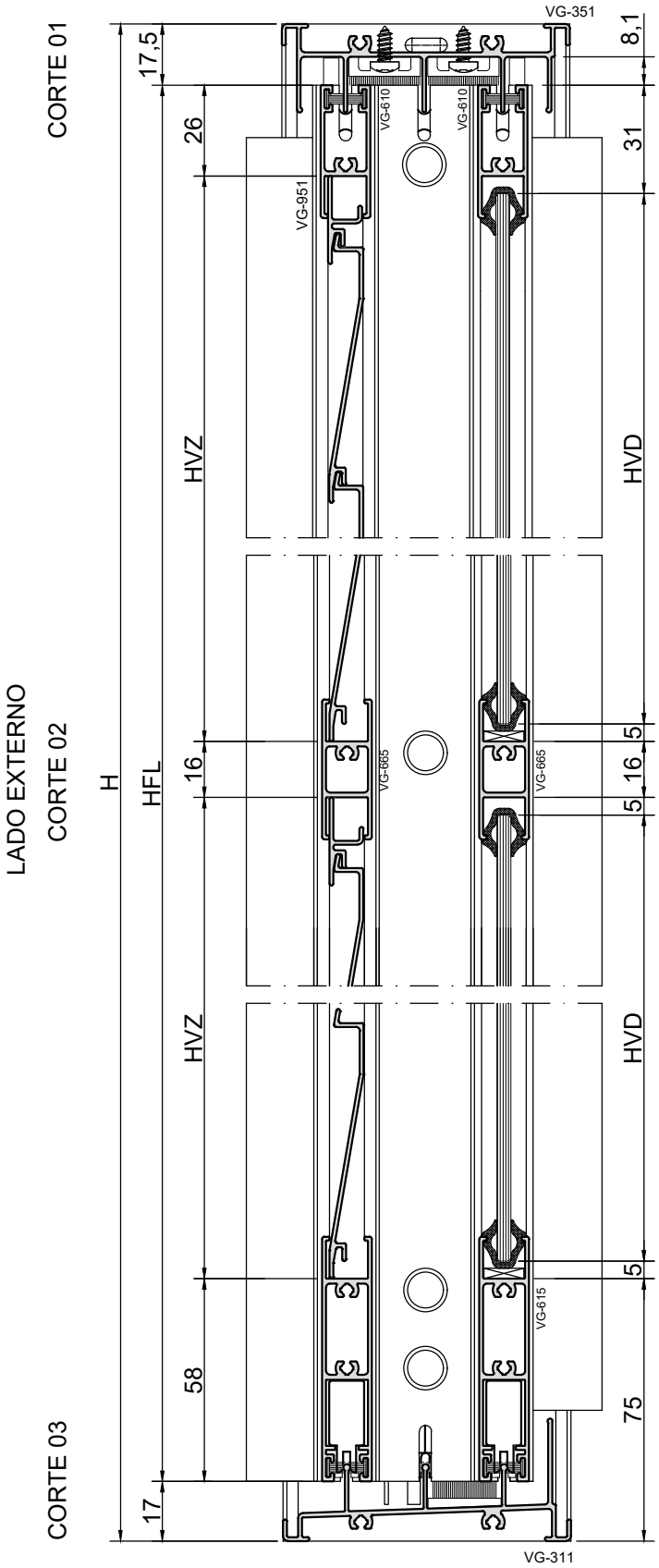
LADO EXTERNO

PORTA DE CORRER
3 FOLHAS C/ 2 FOLHAS

COM VZ E 1 FOLHA C/ VIDRO (03 PLANOS)

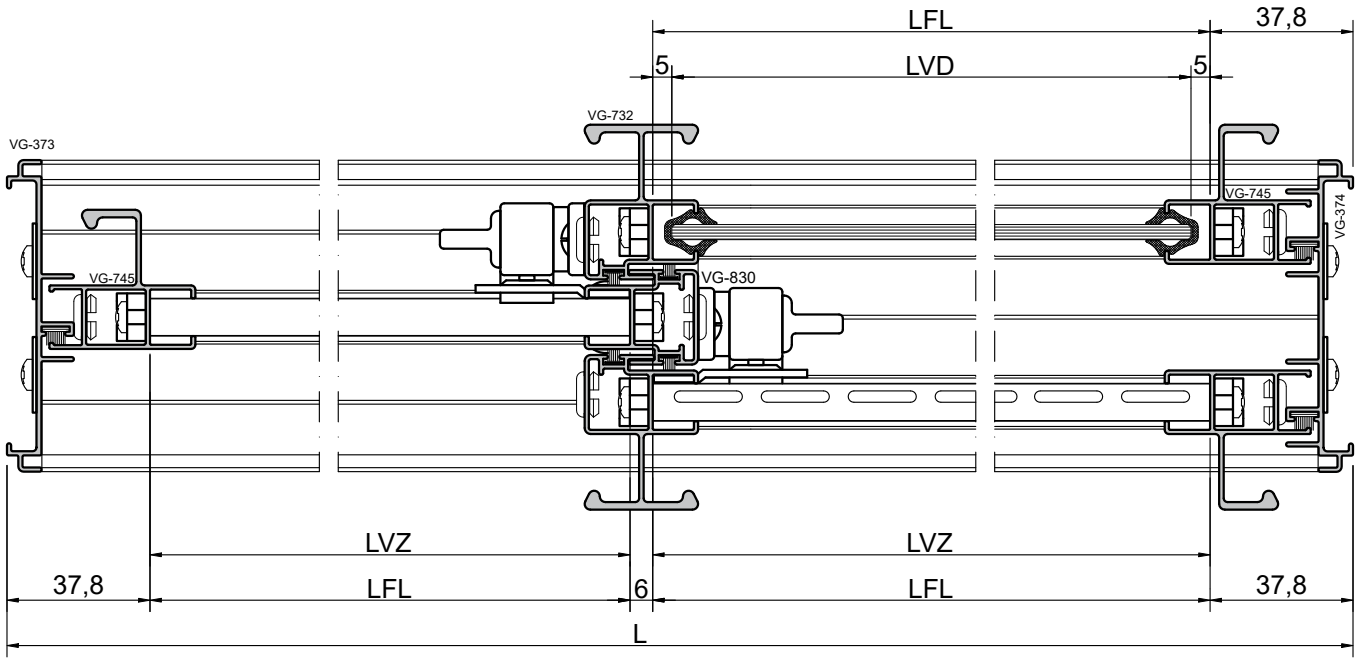


	ALG-992S	PERFIL COM ESTAMPO PARA VP
	ALG-992	PERFIL SEM ESTAMPO PARA VP



PORTA DE CORRER
3 FOLHAS C/ 2 FOLHAS

COM VZ E 1 FOLHA C/ VIDRO (03 PLANOS)

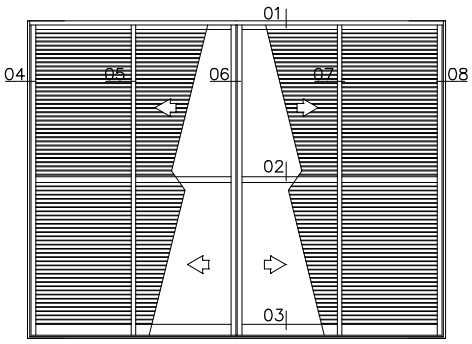


CORTE 04 CORTE 05 CORTE 06

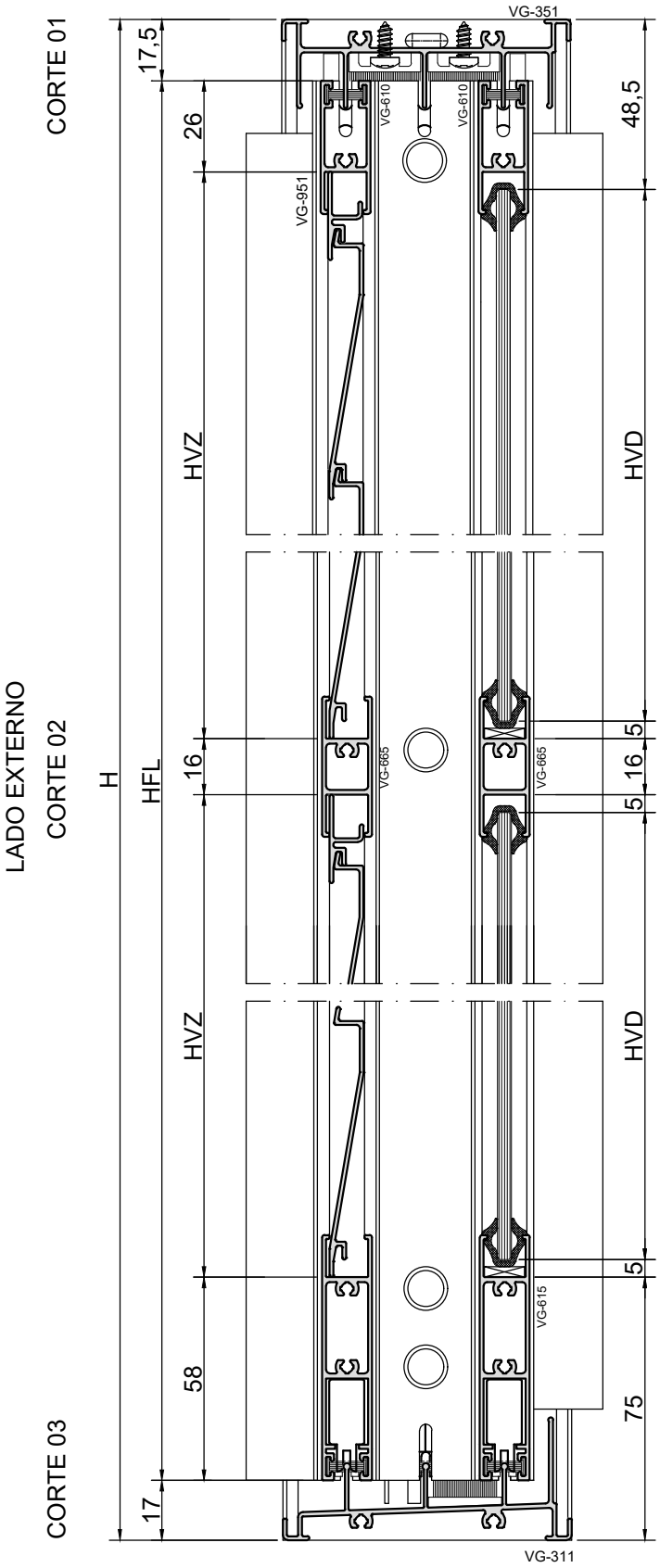
LADO EXTERNO

PORTA DE CORRER
6 FOLHAS C/ 4 FOLHAS

COM VZ E 2 FOLHAS C/ VIDRO (03 PLANOS)

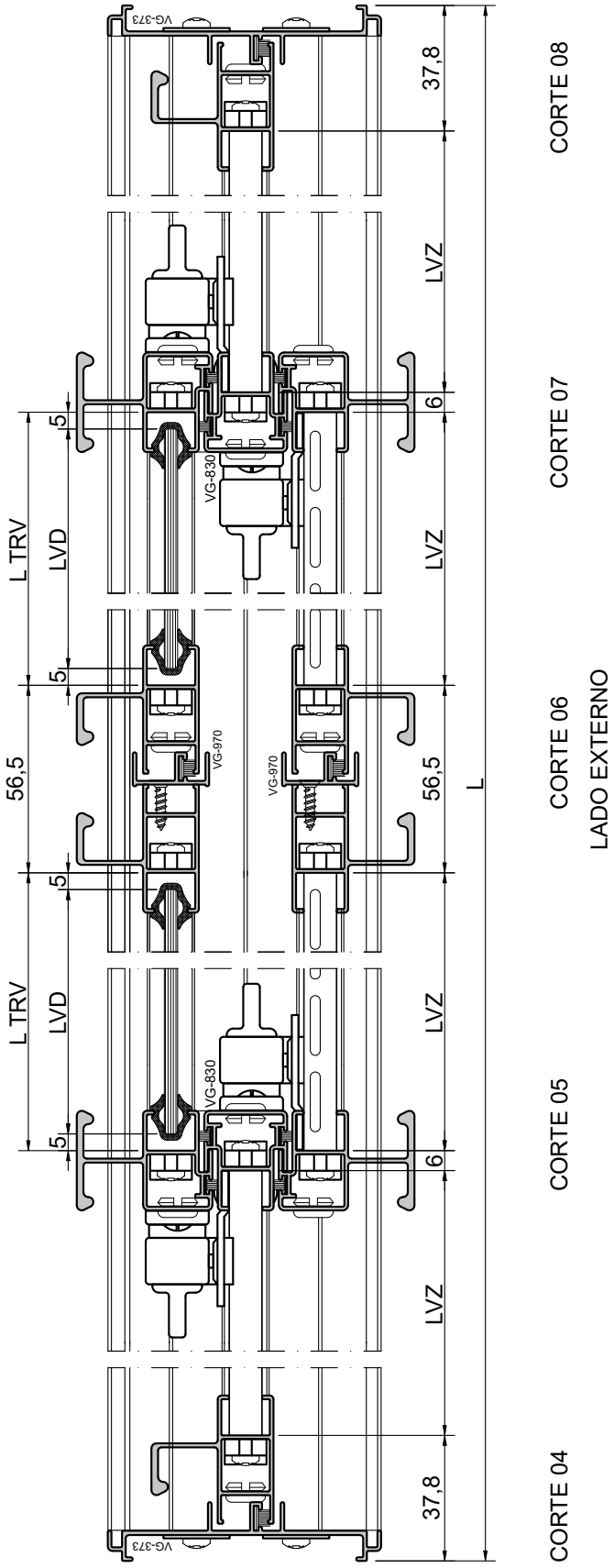


	ALG-992S	PERFIL COM ESTAMPO PARA VP
	ALG-992	PERFIL SEM ESTAMPO PARA VP



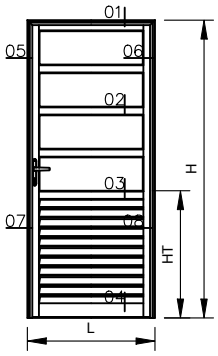
PORTA DE CORRER
6 FOLHAS C/ 4 FOLHAS

COM VZ E 2 FOLHAS C/ VIDRO (03 PLANOS)

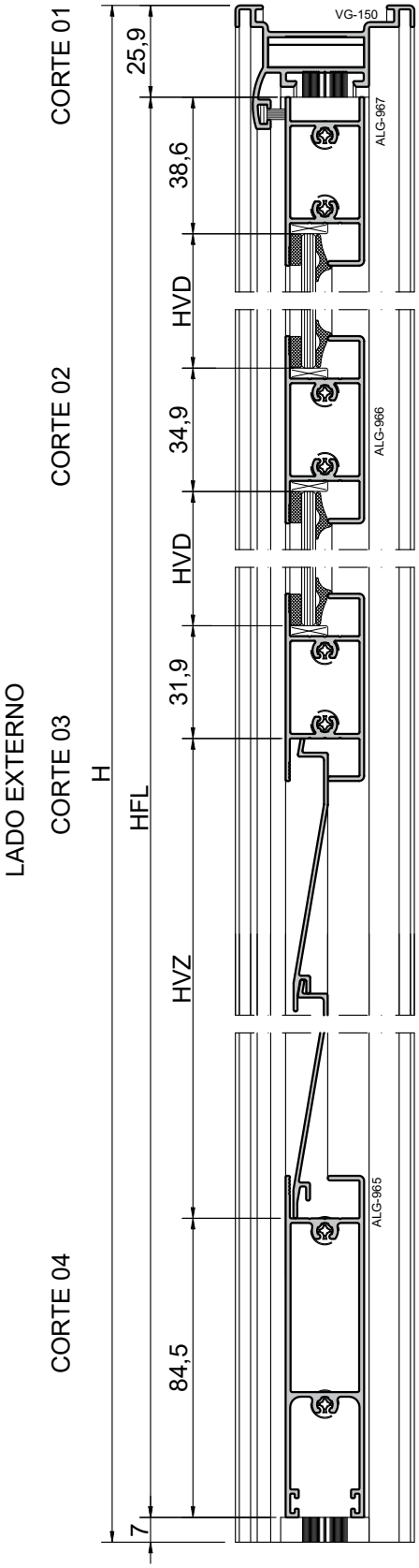


PORTA DE GIRO
1 FOLHA

COM VIDROS SUPERIORES E VZ INFERIORES



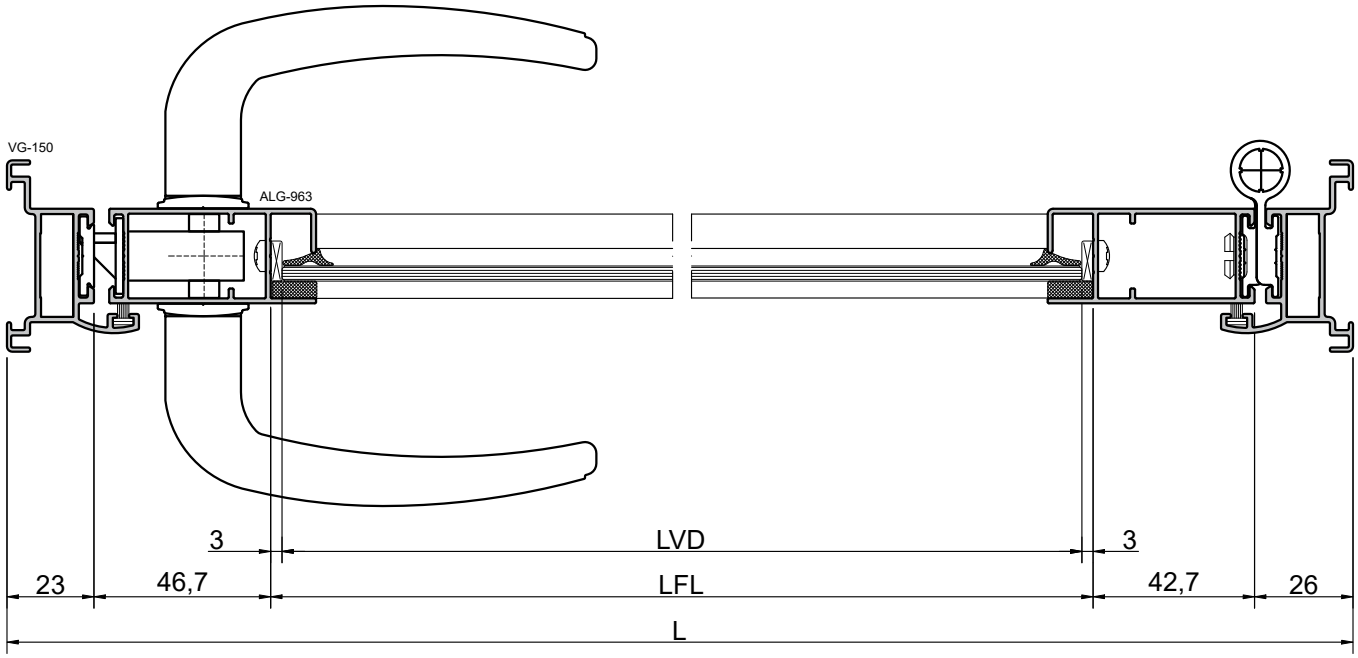
	ALG-992S	PERFIL COM ESTAMPO PARA VP
	ALG-992	PERFIL SEM ESTAMPO PARA VP



ESC.: 1:2

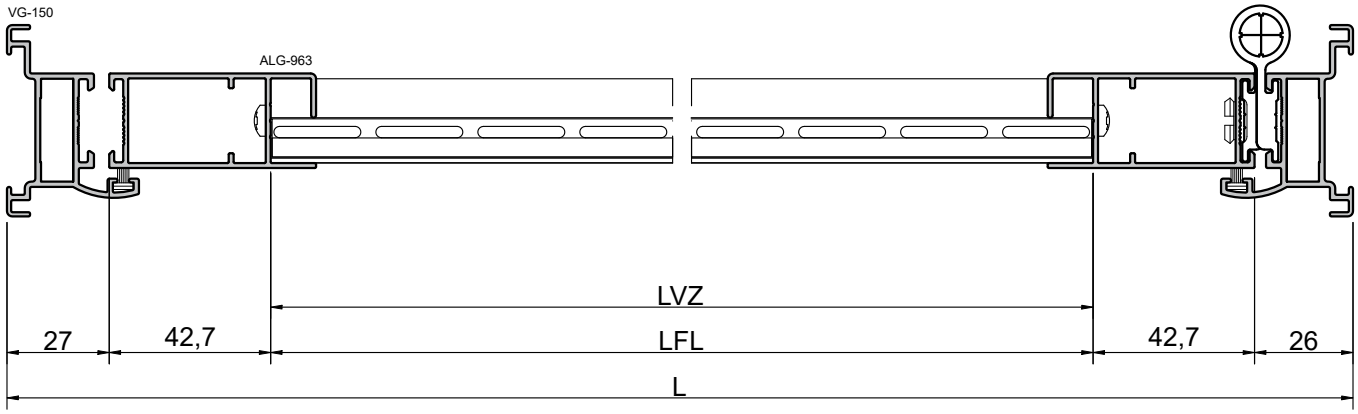
PORTA DE GIRO
1 FOLHA

COM VIDROS SUPERIORES E VZ INFERIORES



CORTE 05 CORTE 06

LADO EXTERNO

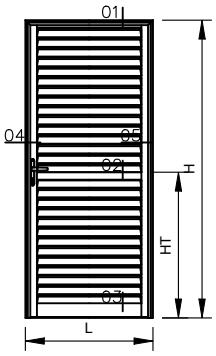


CORTE 07 CORTE 08

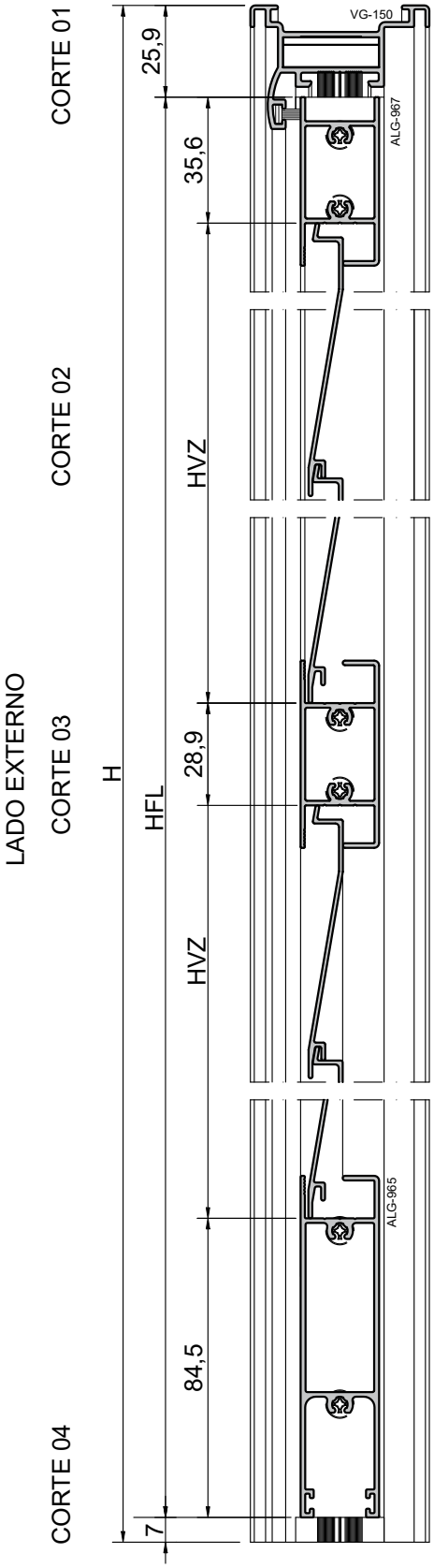
LADO EXTERNO

PORTA DE GIRO
1 FOLHA

COM VENEZIANA

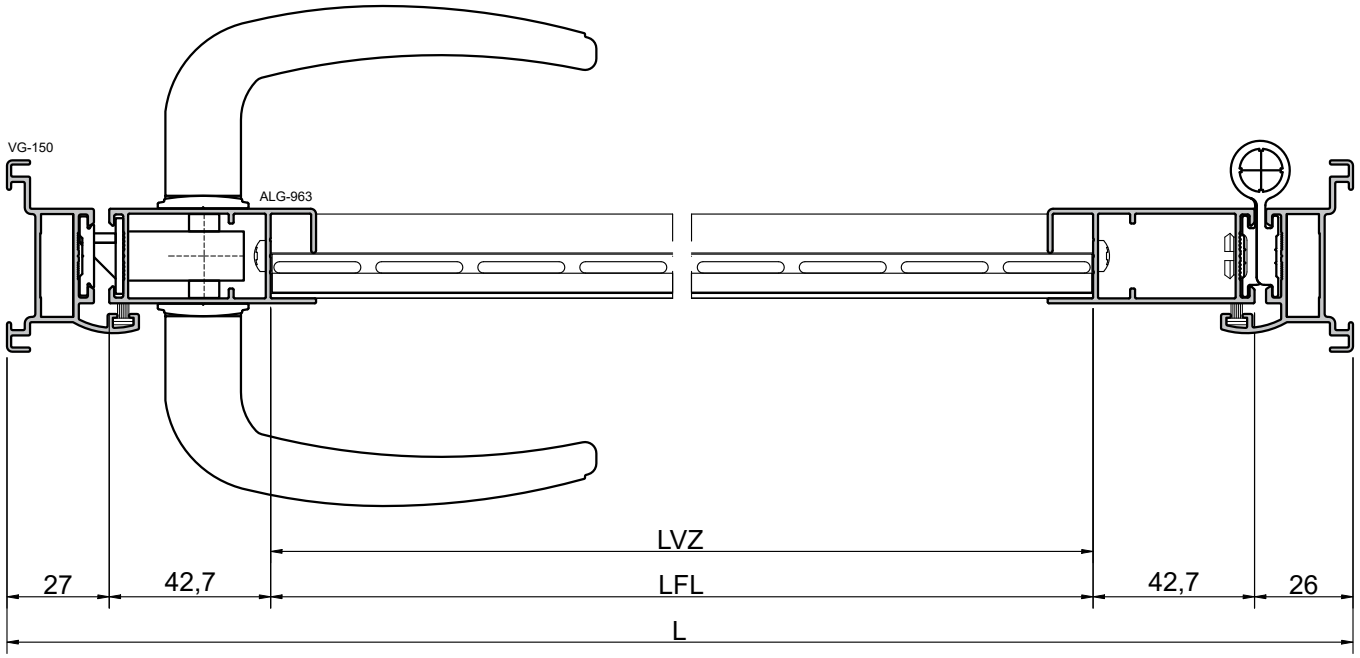


	ALG-992S	PERFIL COM ESTAMPO PARA VP
	ALG-992	PERFIL SEM ESTAMPO PARA VP



PORTA DE GIRO
1 FOLHA

COM VENEZIANA

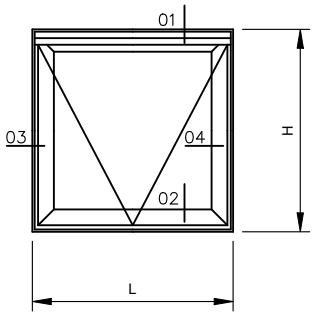


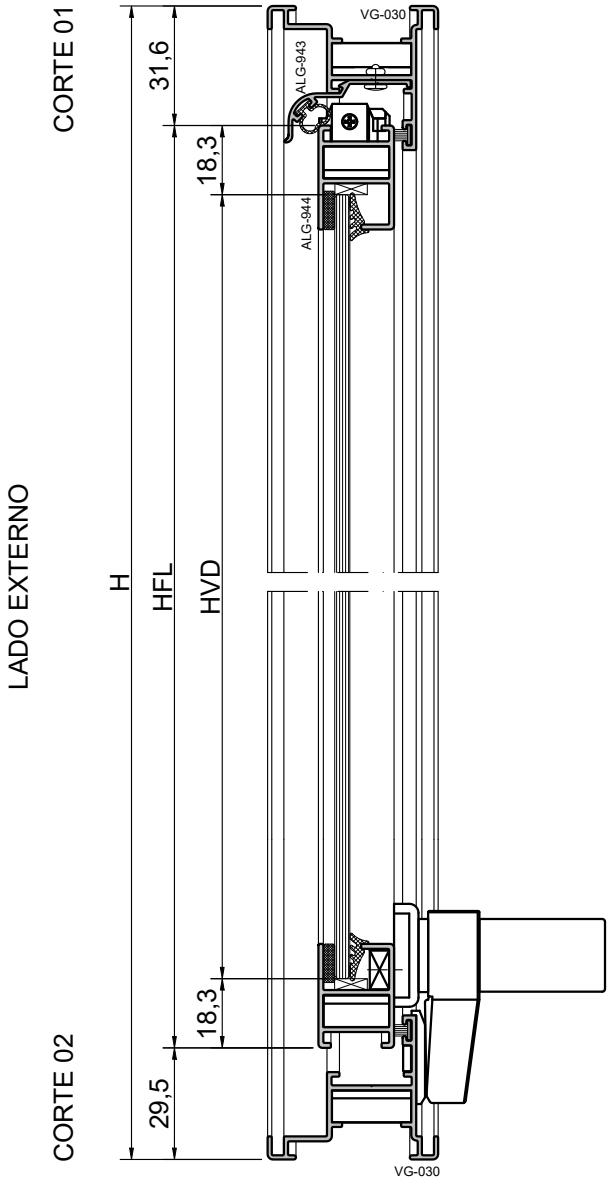
CORTE 05

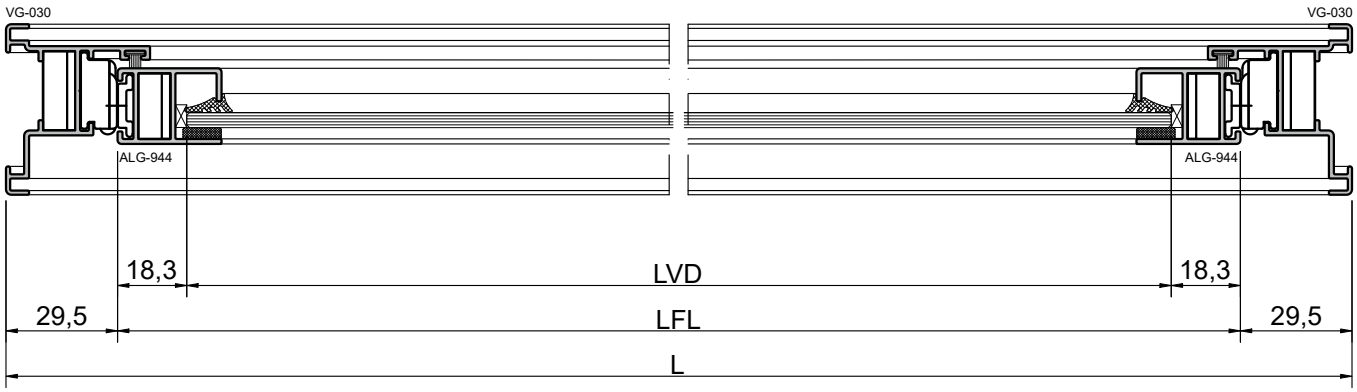
CORTE 06

LADO EXTERNO

JANELA MAXIMAR
1 FOLHA





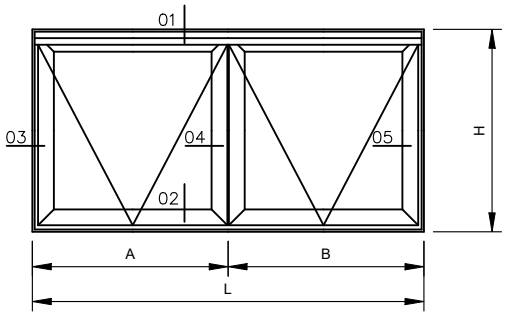


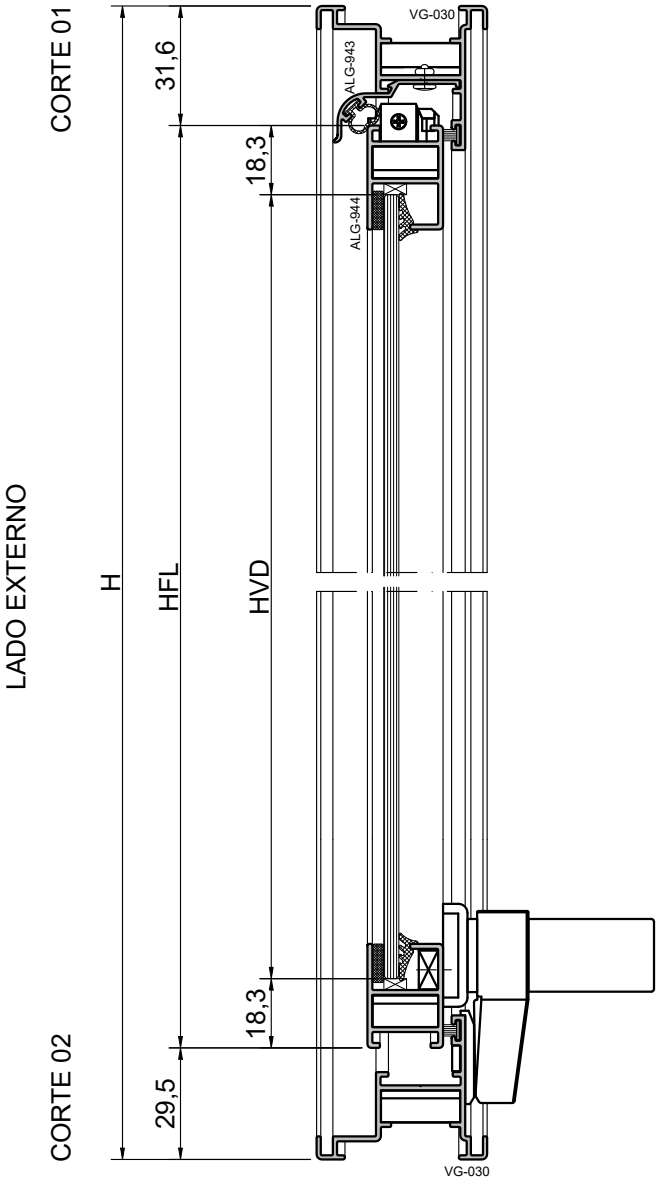
CORTE 03

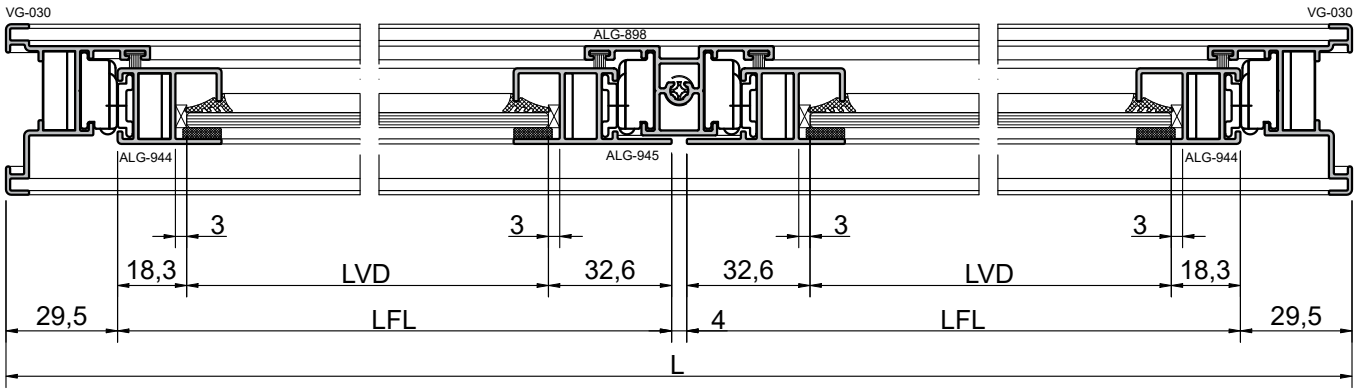
CORTE 04

LADO EXTERNO

JANELA MAXIMAR
2 FOLHAS

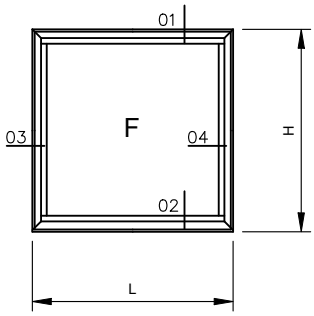


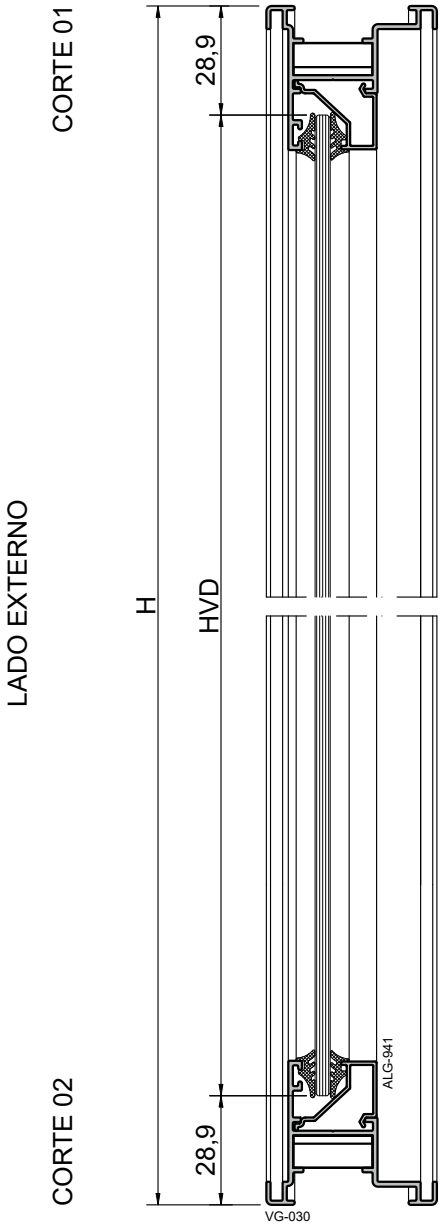


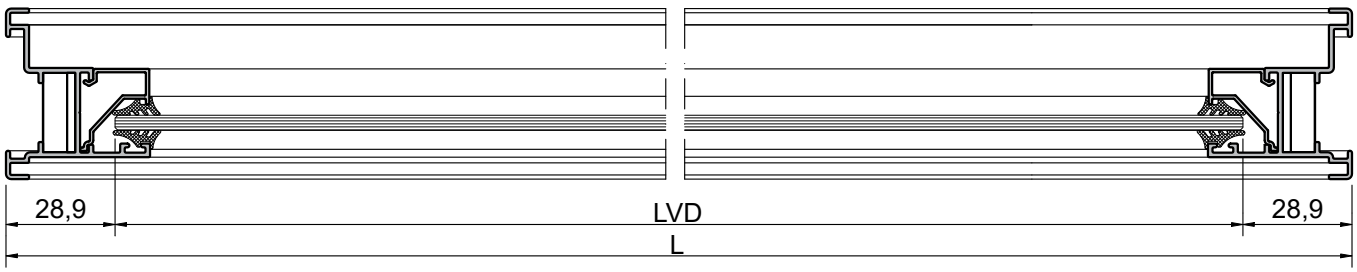


CORTE 03 | CORTE 03 LADO EXTERNO | CORTE 04

QUADRO FIXO
1 FOLHA





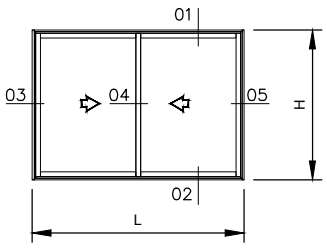


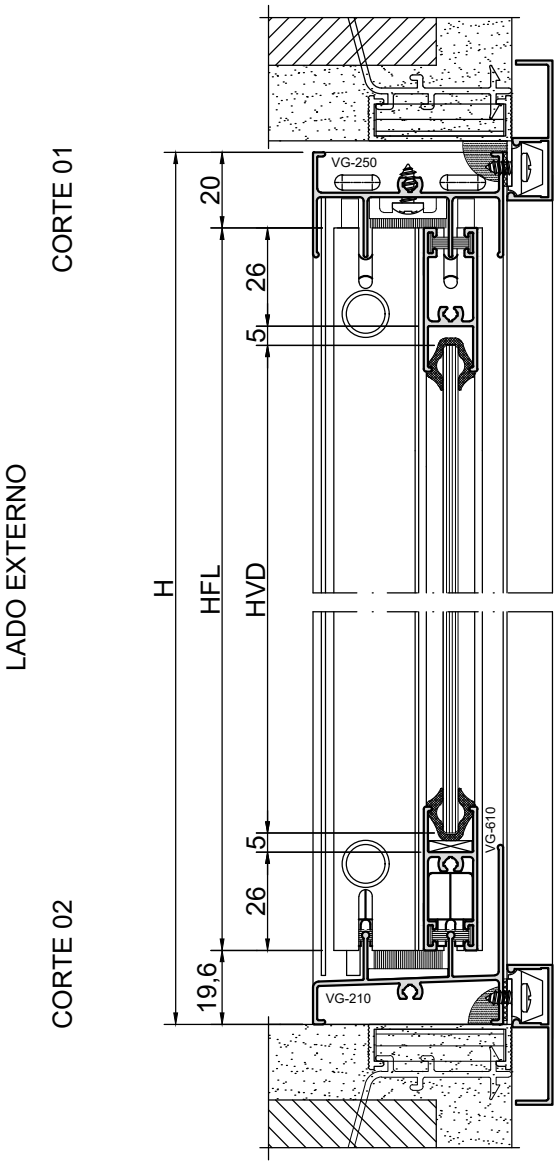
CORTE 03

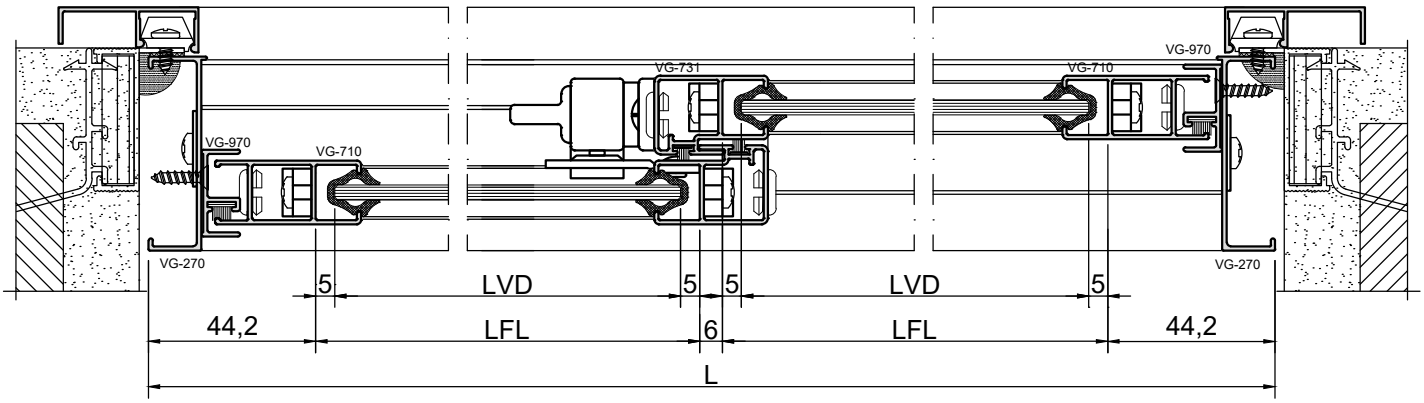
CORTE 04

LADO EXTERNO

JANELA DE CORRER
2 FOLHAS



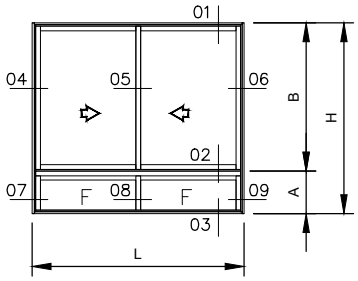


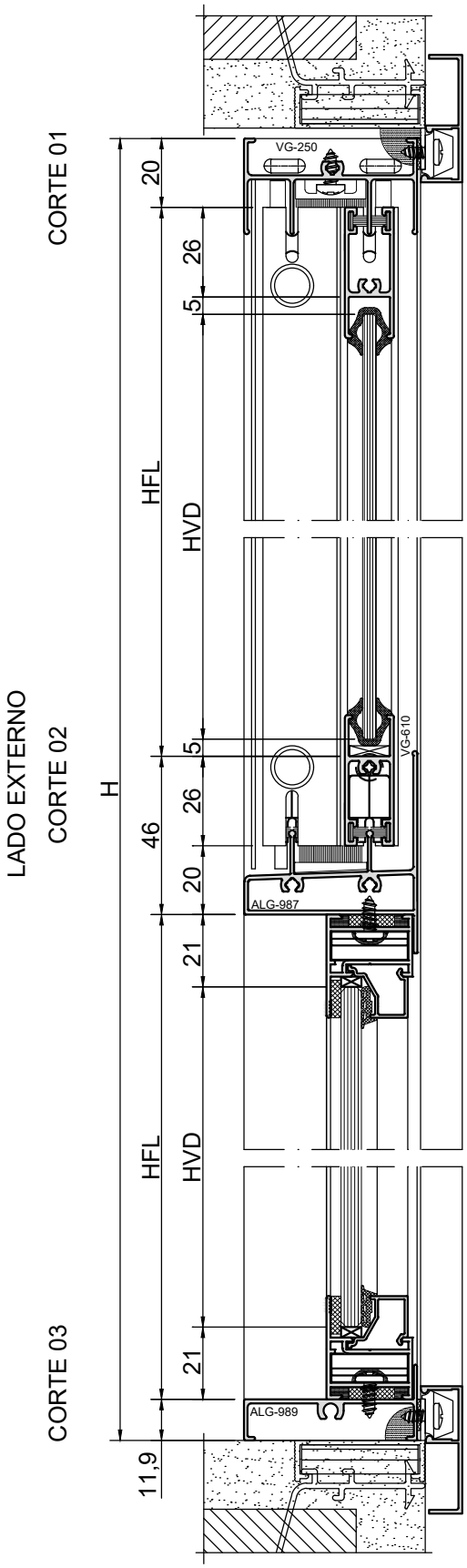


CORTE 07 CORTE 08 CORTE 09

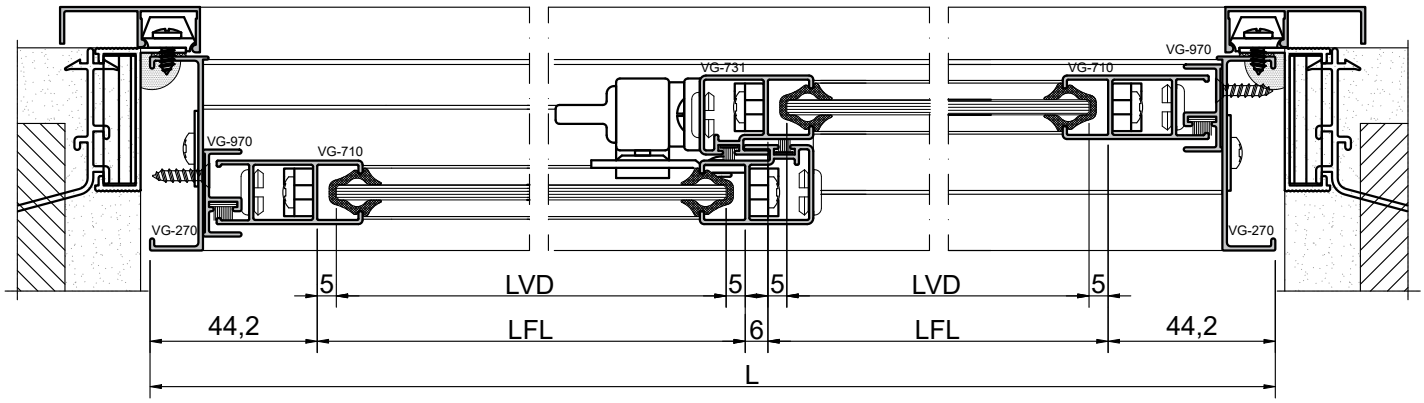
LADO EXTERNO

JANELA DE CORRER
2 FOLHAS
COM BANDEIRA FIXA



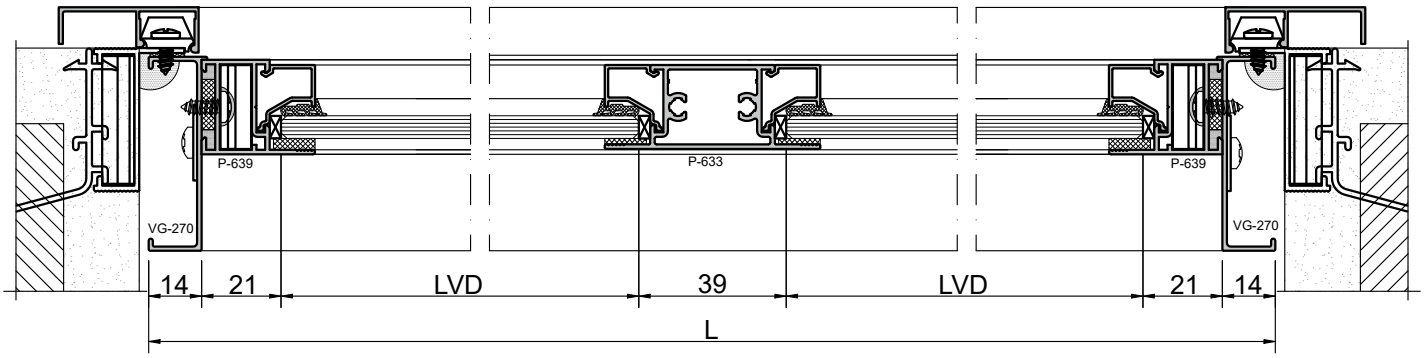


JANELA DE CORRER
2 FOLHAS
COM BANDEIRA FIXA



CORTE 04 | CORTE 05 | CORTE 06

LADO EXTERNO

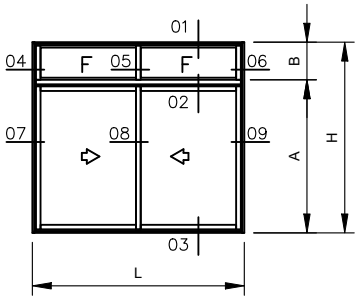


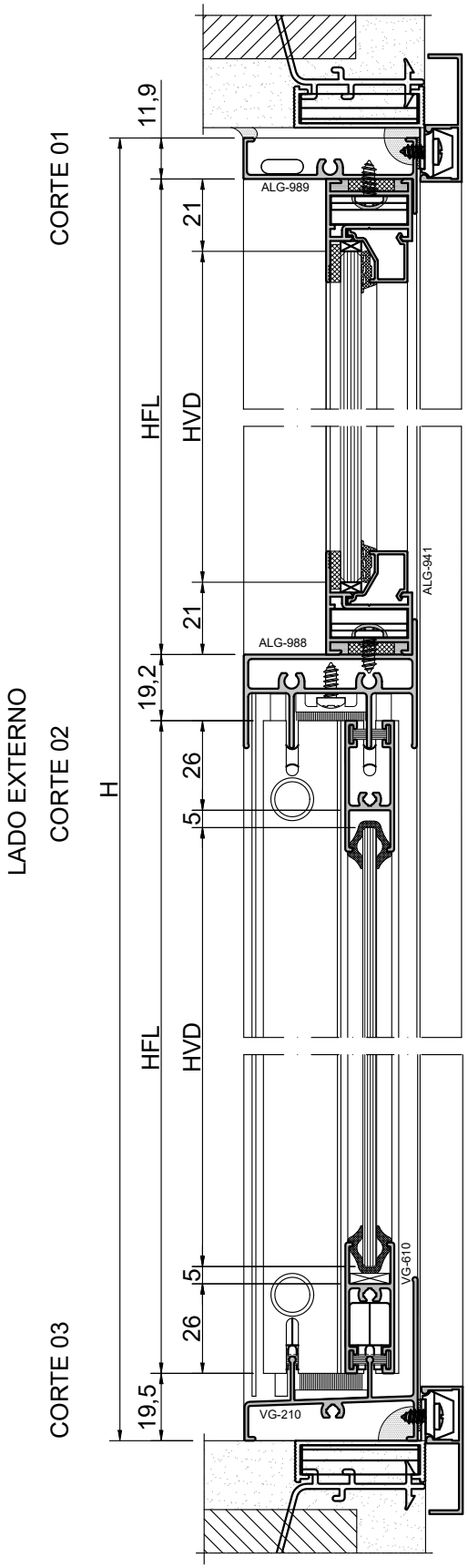
CORTE 07 | CORTE 08 | CORTE 09

LADO EXTERNO

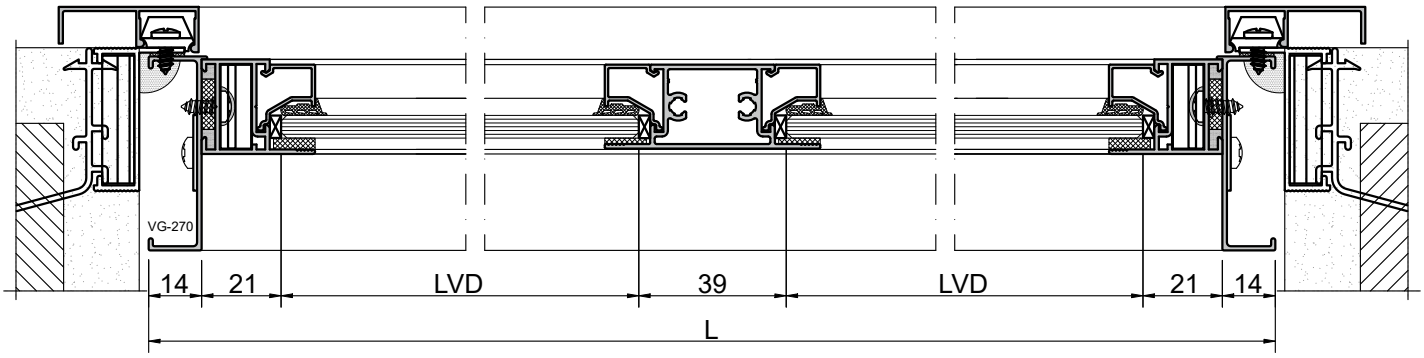
JANELA DE CORRER
2 FOLHAS

COM BANDEIRA FIXA



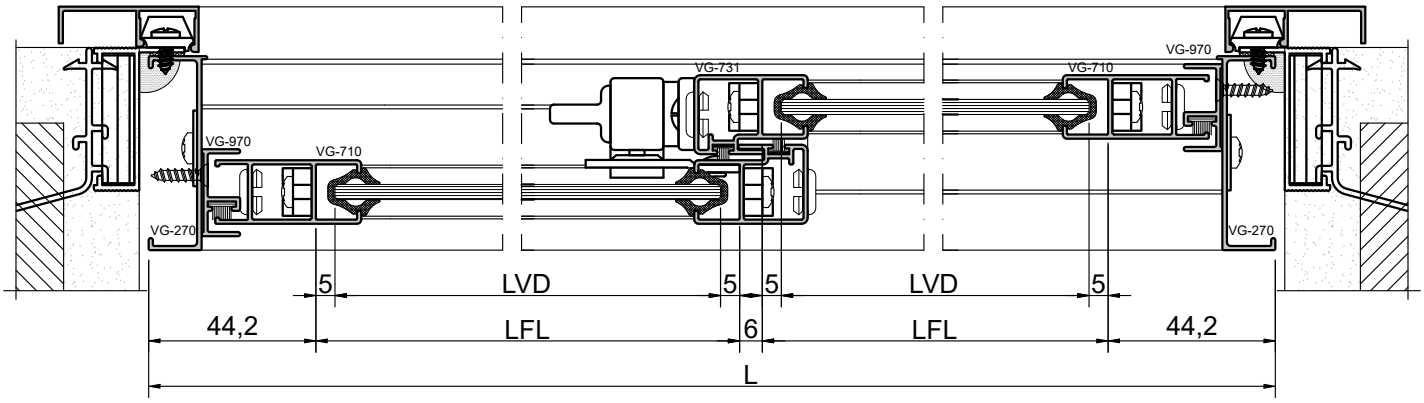


JANELA DE CORRER
2 FOLHAS
COM BANDEIRA FIXA



CORTE 04 | CORTE 05 | CORTE 06

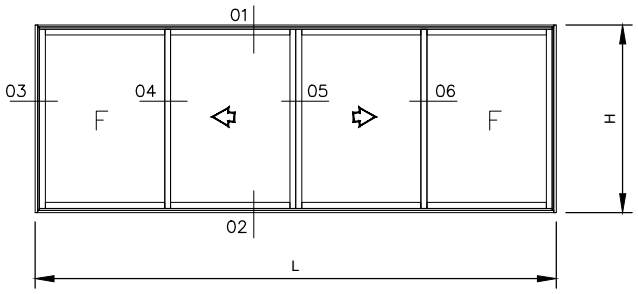
LADO EXTERNO

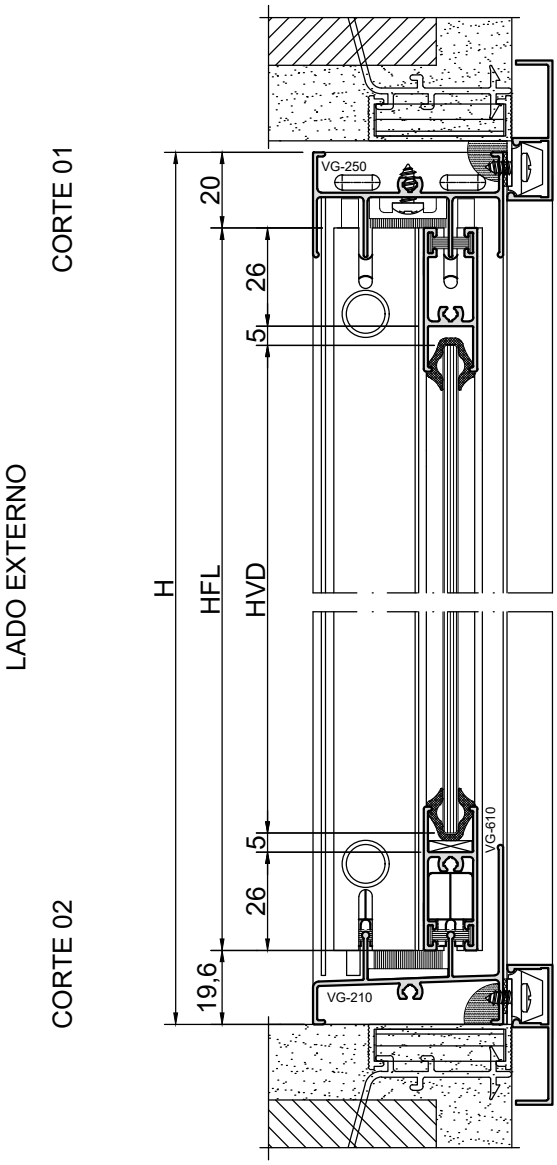


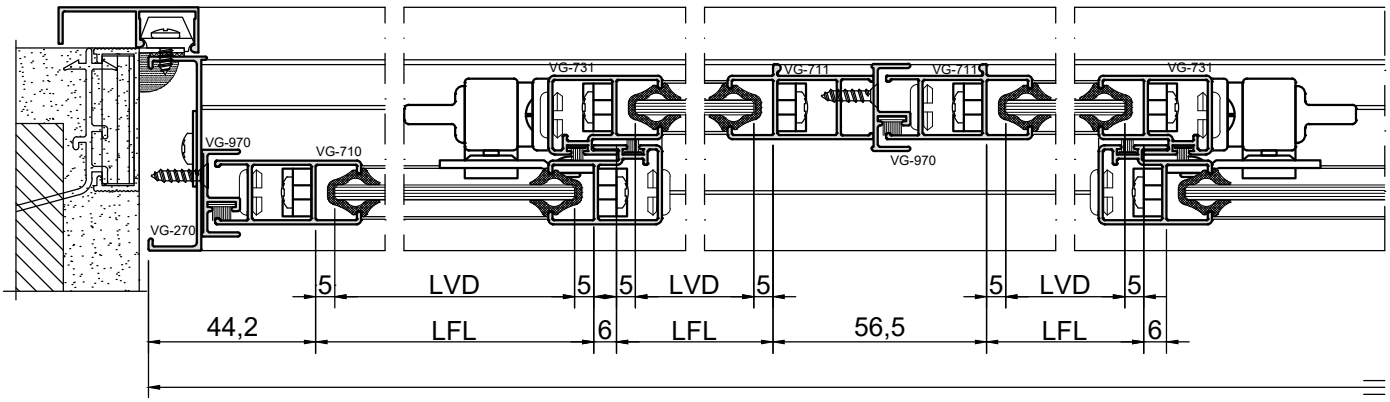
CORTE 07 | CORTE 08 | CORTE 09

LADO EXTERNO

JANELA DE CORRER
4 FOLHAS (2 PLANOS)



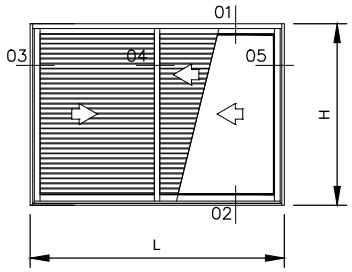




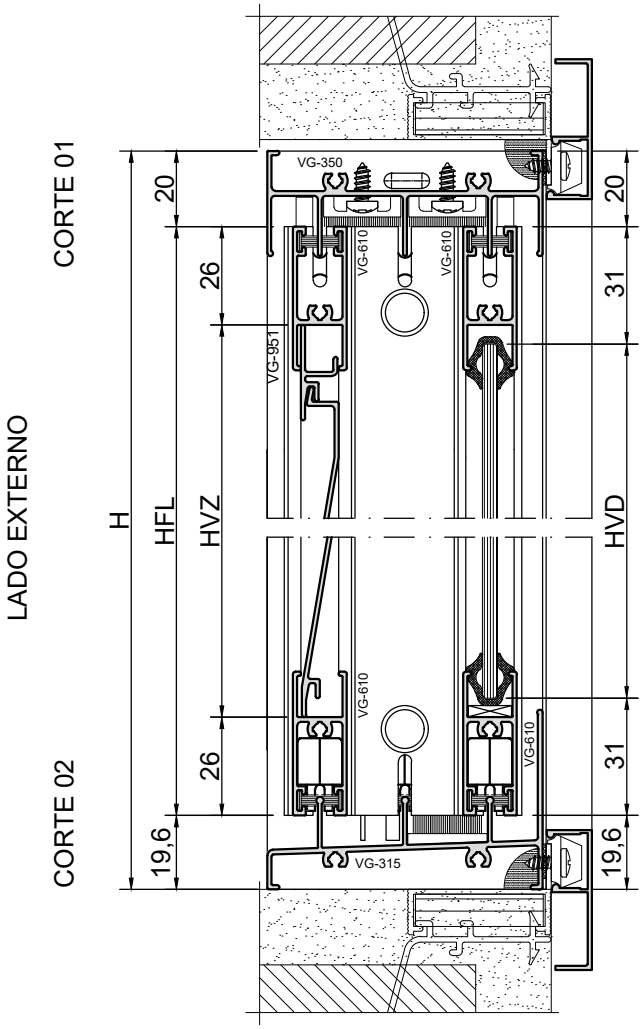
CORTE 03 CORTE 04 CORTE 05 CORTE 06

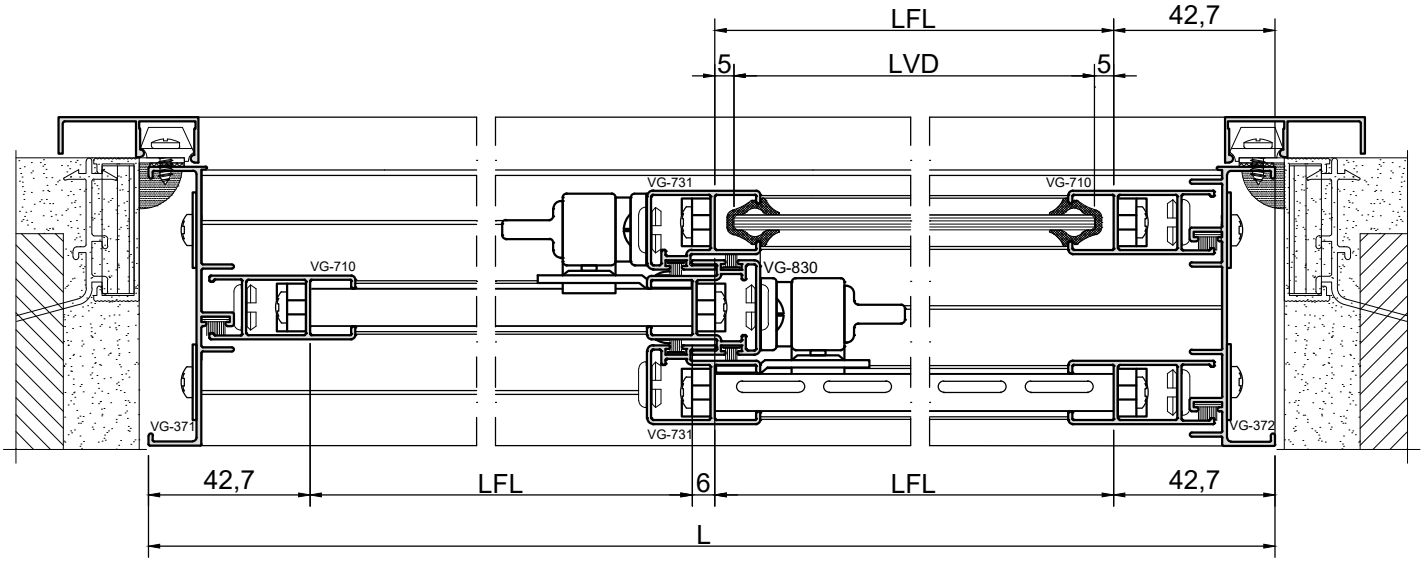
LADO EXTERNO

JANELA DE CORRER
3 FOLHAS C/ 2 FOLHAS
C/ VZ E 1 FOLHA C/ VIDRO (3 PLANOS)



	ALG-992S	PERFIL COM ESTAMPO PARA VP
	ALG-992	PERFIL SEM ESTAMPO PARA VP



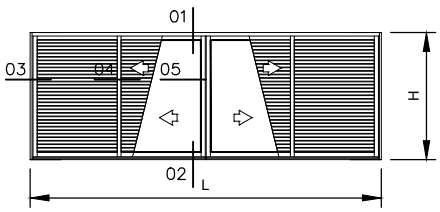


CORTE 03 CORTE 04 CORTE 05

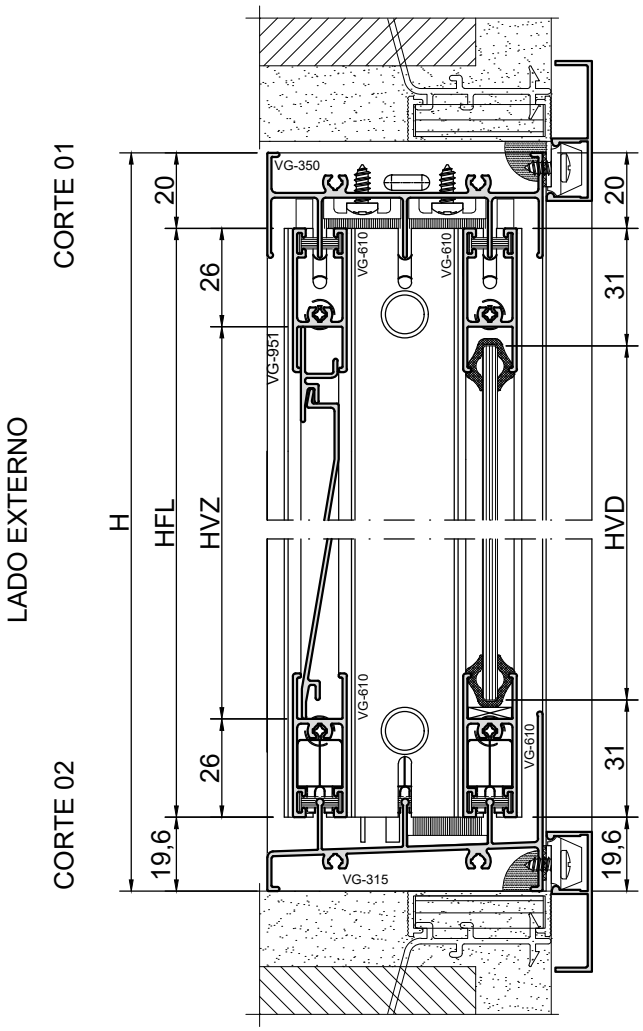
LADO EXTERNO

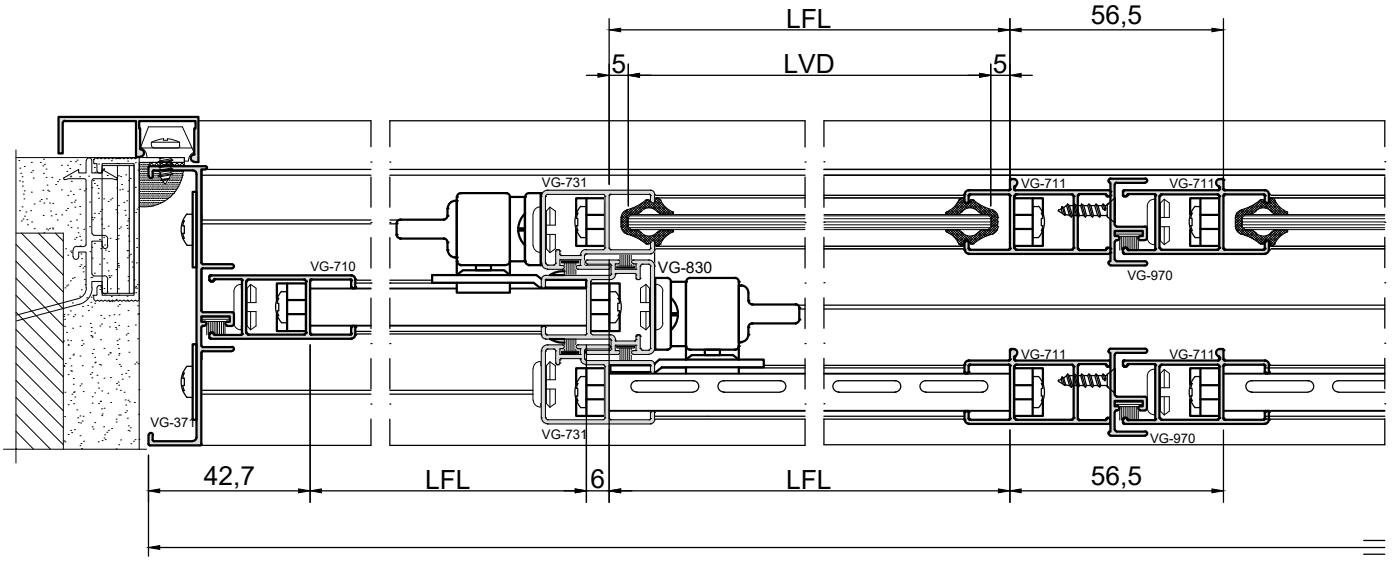
JANELA DE CORRER
6 FOLHAS C/ 4 FOLHAS

C/ VZ E 2 FOLHAS C/ VIDRO (03 PLANOS)



	ALG-992S	PERFIL COM ESTAMPO PARA VP
	ALG-992	PERFIL SEM ESTAMPO PARA VP

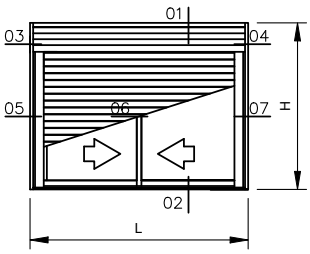


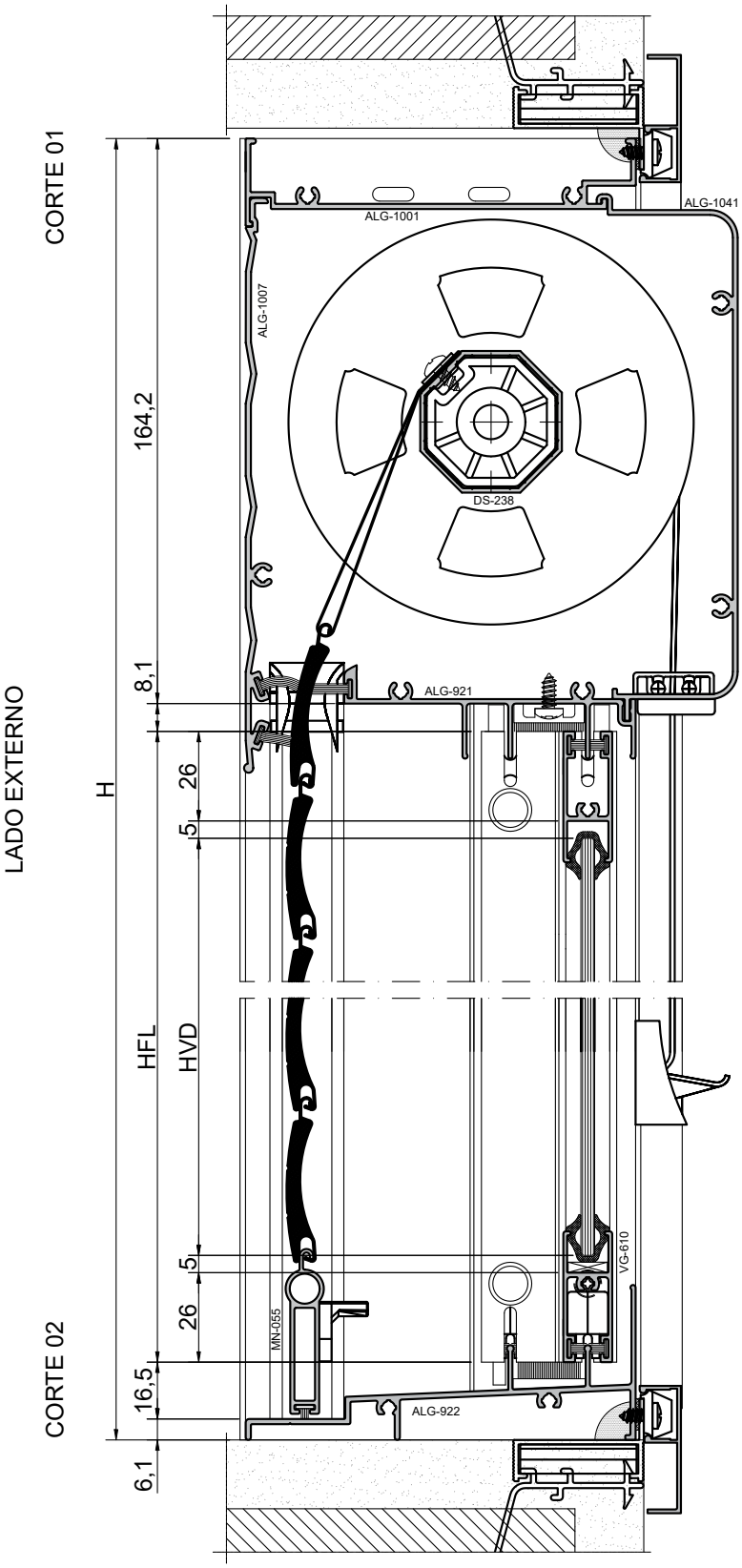


CORTE 03 CORTE 04 CORTE 05

LADO EXTERNO

JANELA DE CORRER
2 FOLHAS
COM INTEGRADA

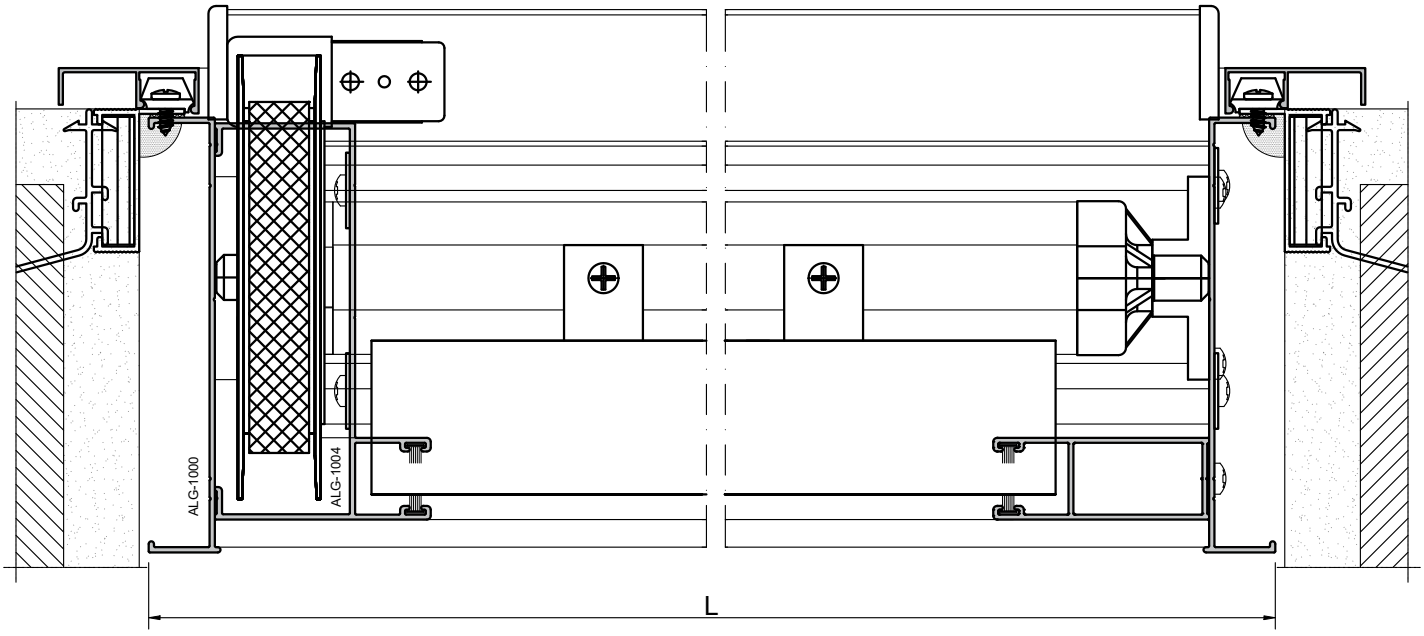




ESC.: 1:2

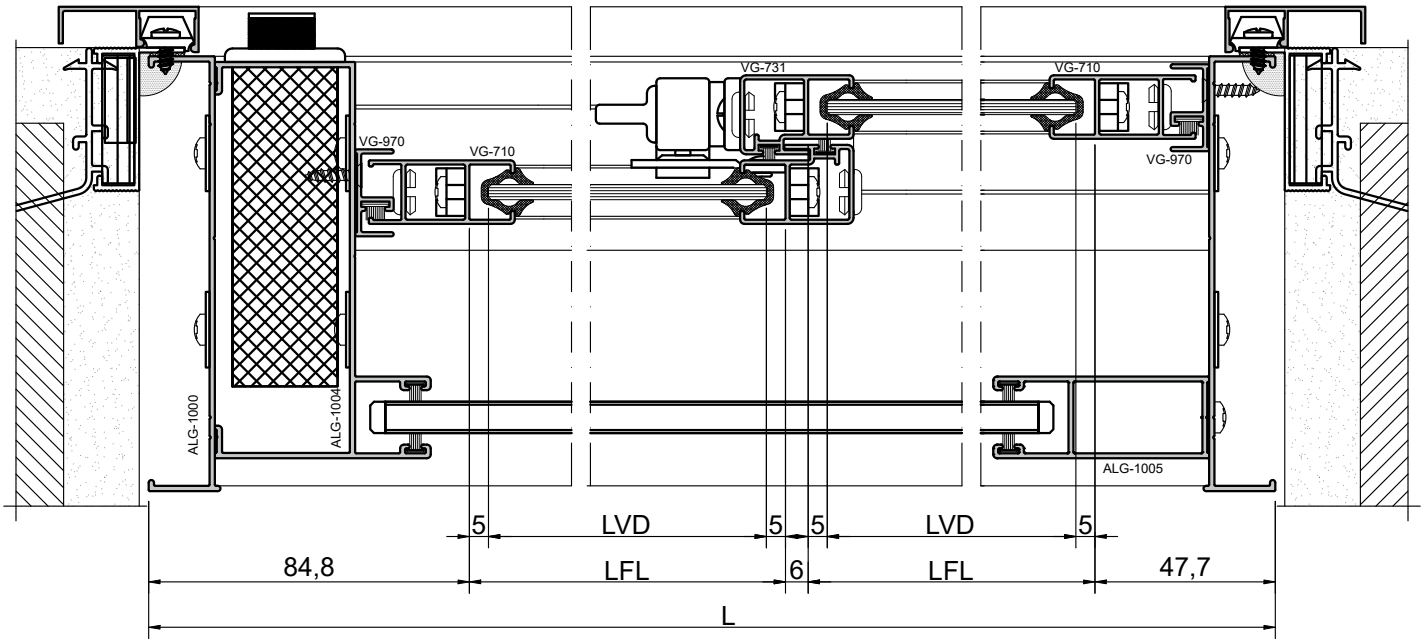
JANELA DE CORRER
2 FOLHAS

COM INTEGRADA



CORTE 03 CORTE 04

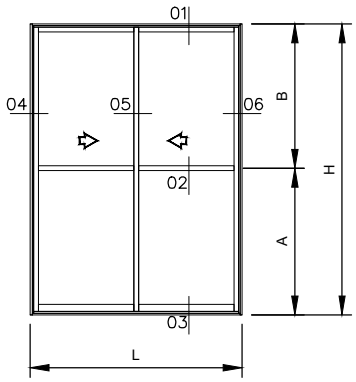
LADO EXTERNO

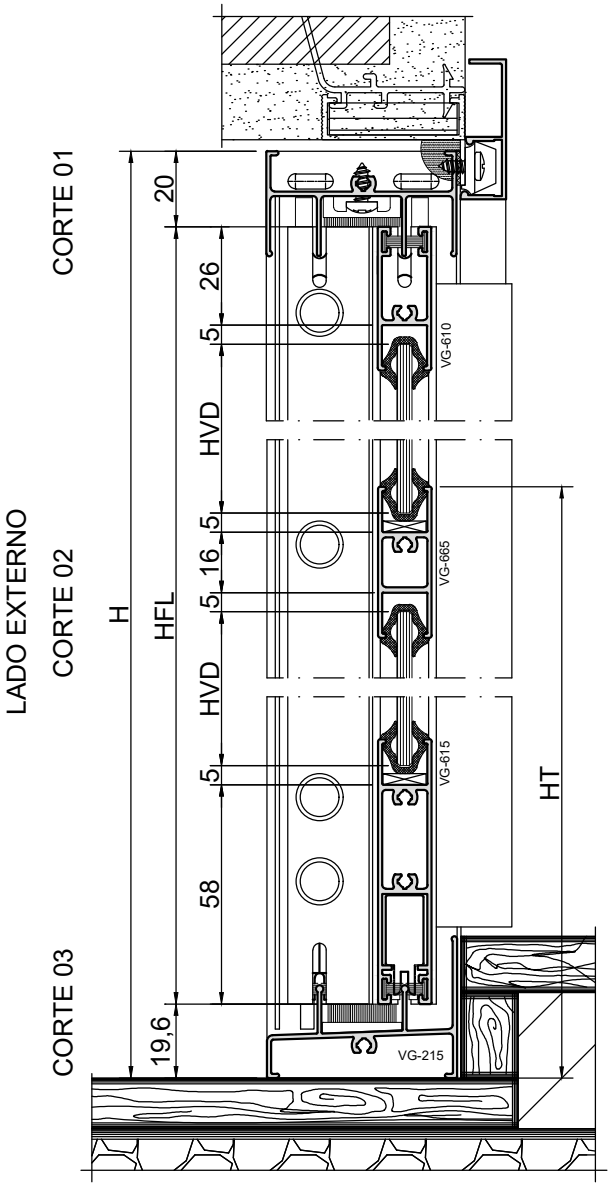


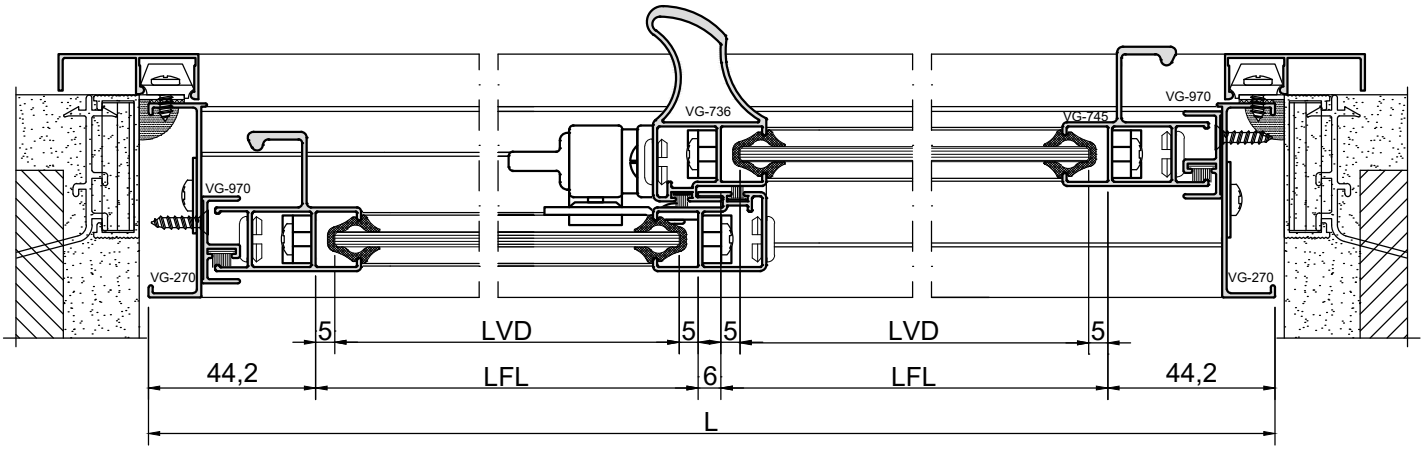
CORTE 05 CORTE 06 CORTE 07

LADO EXTERNO

PORTA DE CORRER
2 FOLHAS
COM INTEGRADA



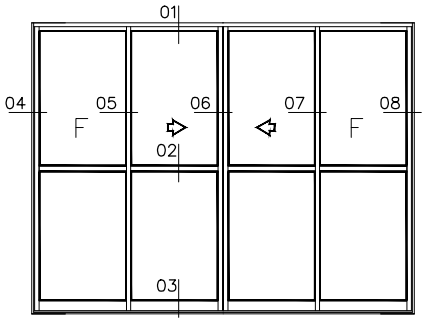


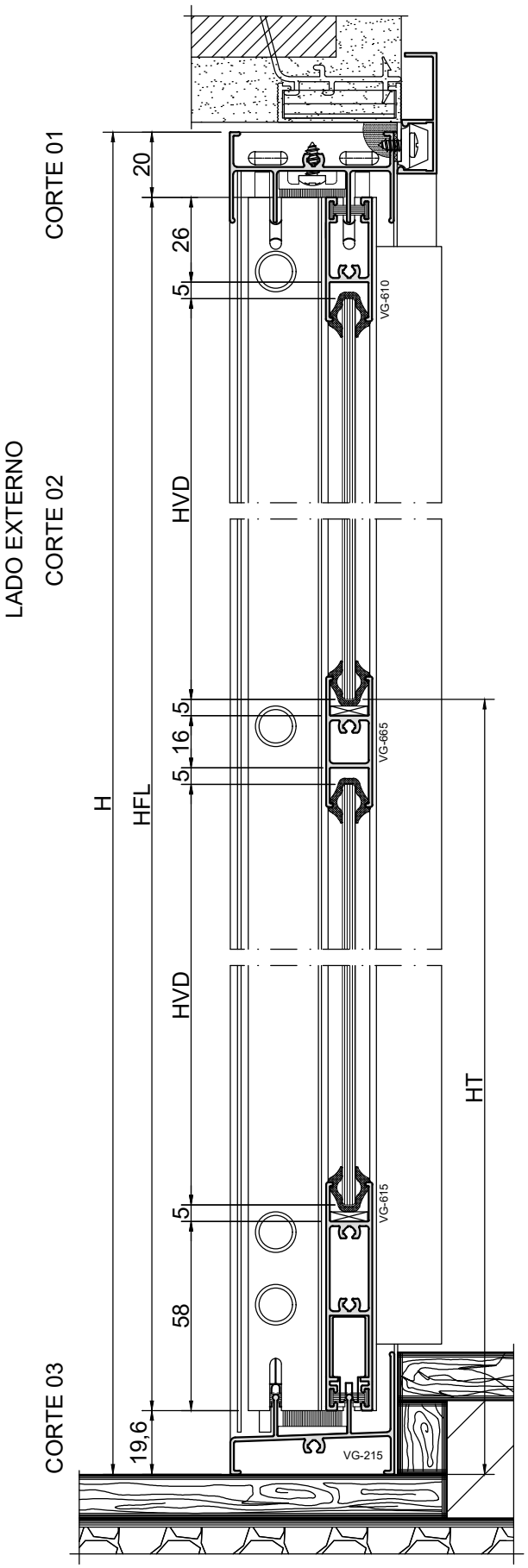


CORTE 04 CORTE 05 CORTE 06

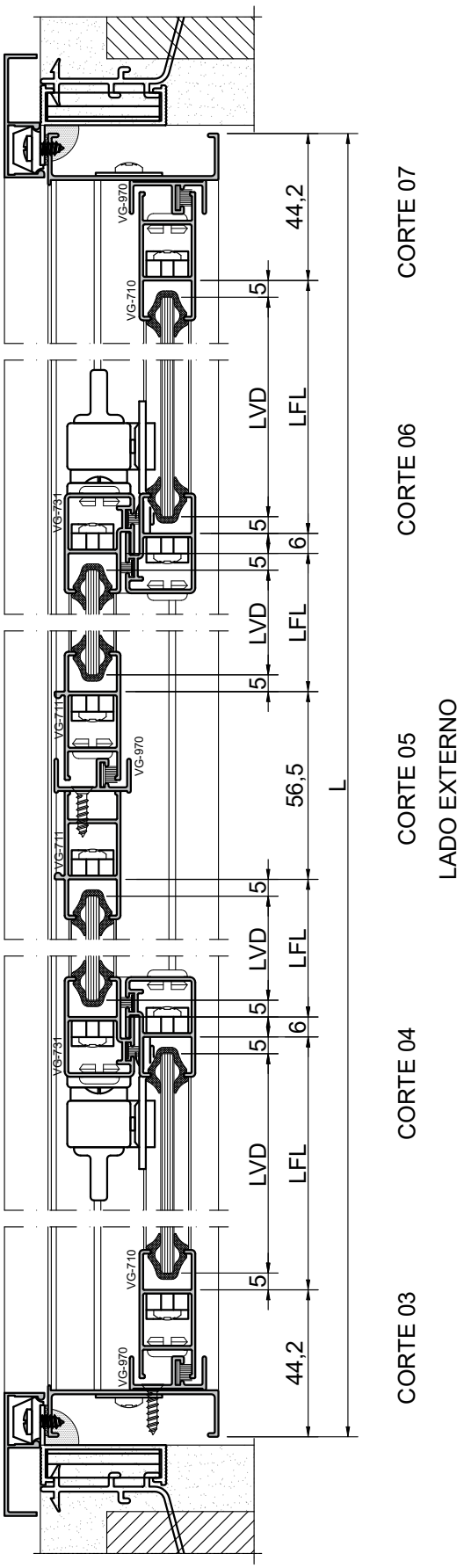
LADO EXTERNO

PORTA DE CORRER
4 FOLHAS 2 PLANOS



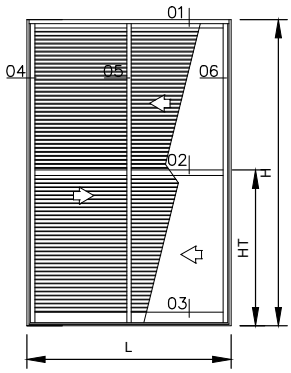


PORTA DE CORRER
4 FOLHAS 2 PLANOS

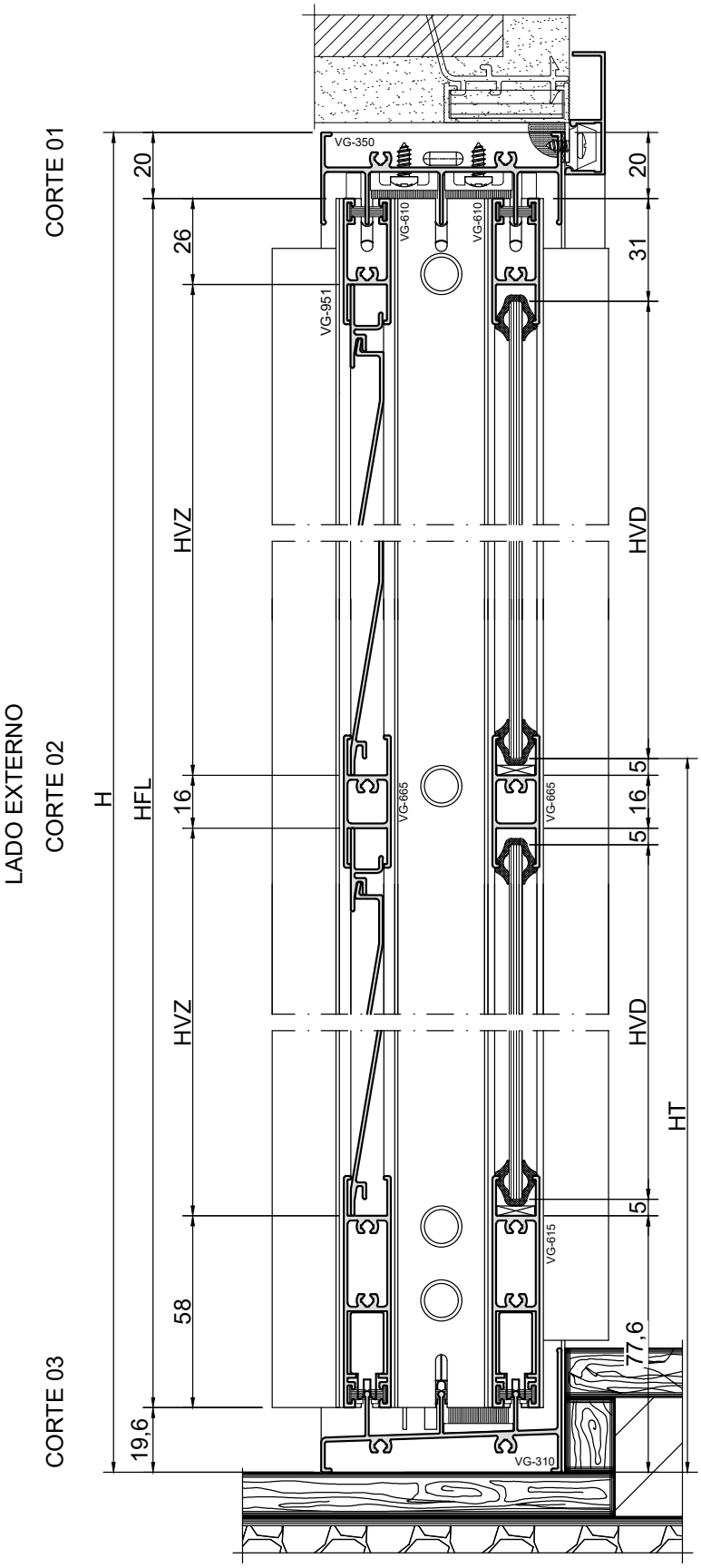


PORTA DE CORRER
3 FOLHAS C/ 2 FOLHAS

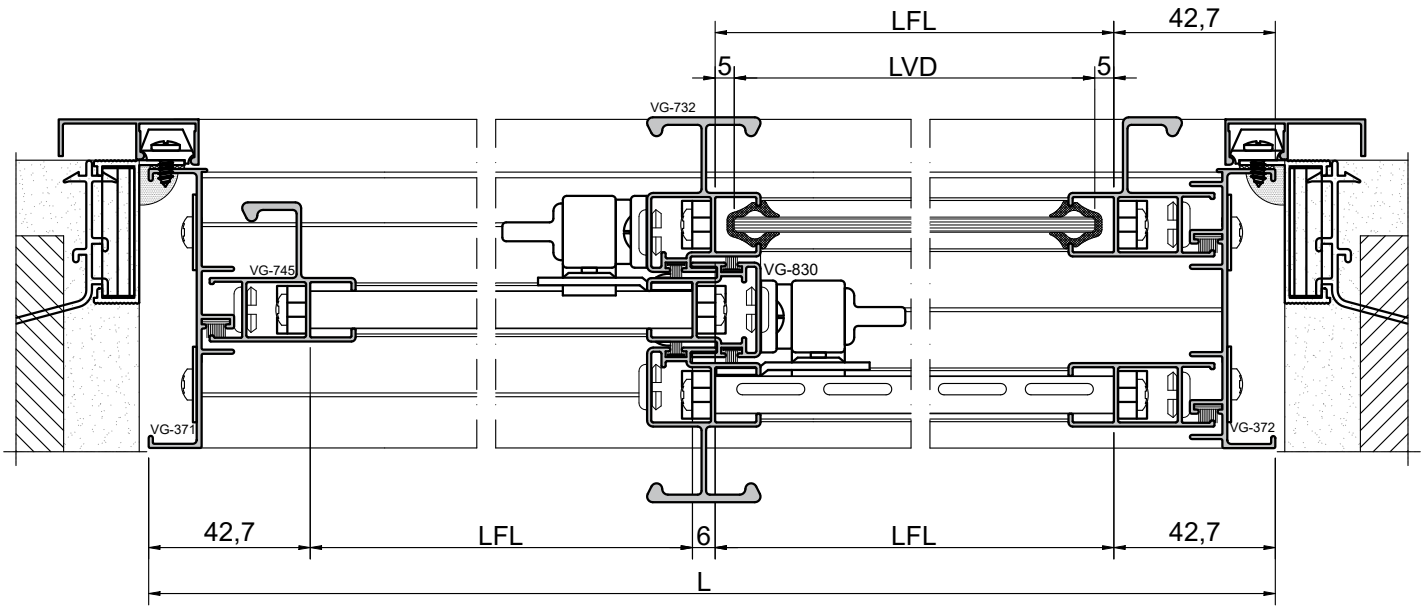
C/ VZ E 1 FOLHA C/ VIDRO (3 PLANOS)



	ALG-992S	PERFIL COM ESTAMPO PARA VP
	ALG-992	PERFIL SEM ESTAMPO PARA VP



PORTA DE CORRER
3 FOLHAS C/ 2 FOLHAS
C/ VZ E 1 FOLHA C/ VIDRO (3 PLANOS)

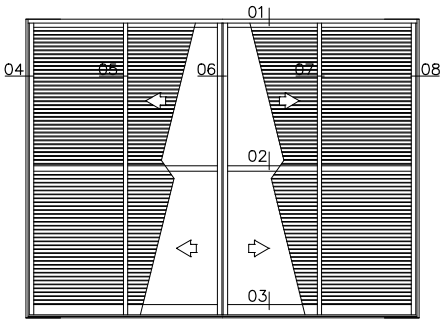


CORTE 04 | CORTE 05 | CORTE 06

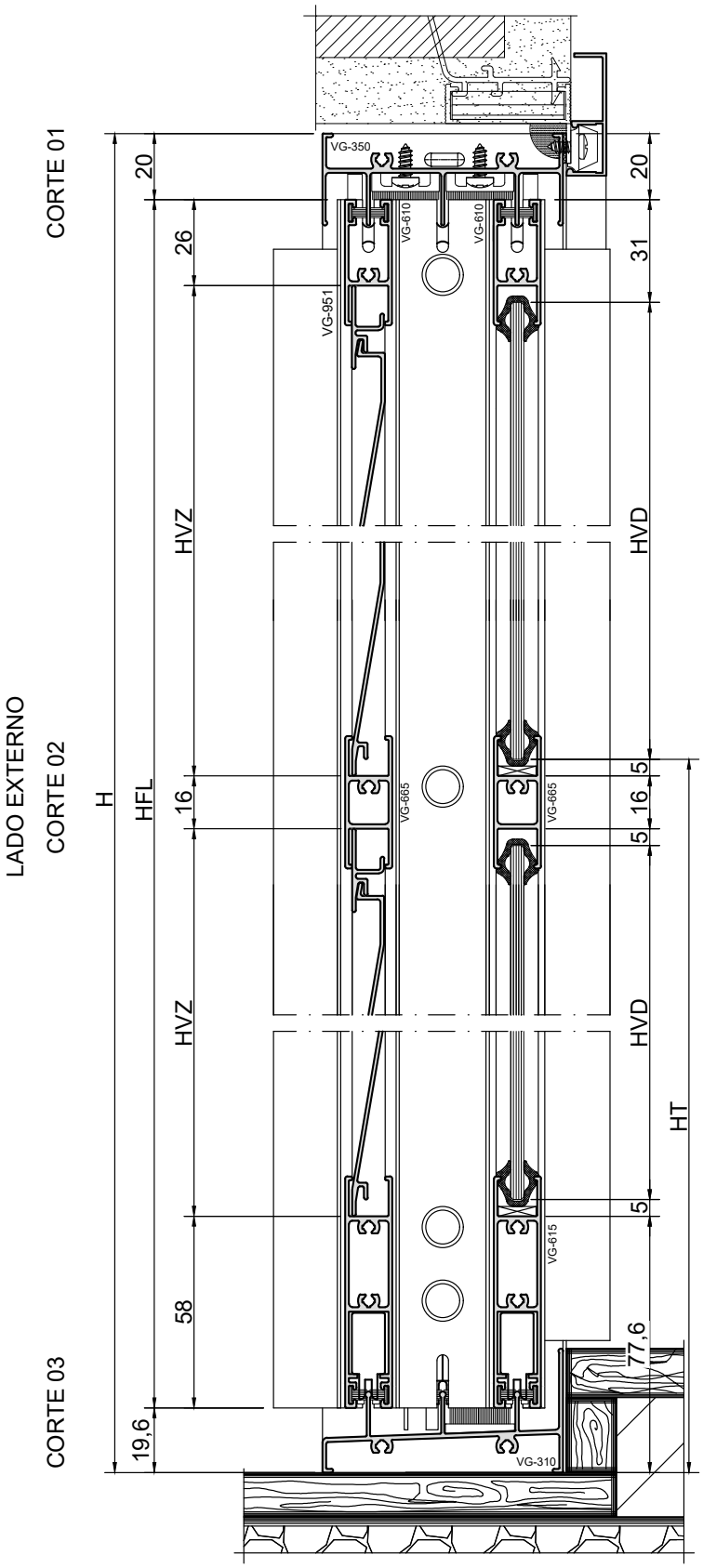
LADO EXTERNO

PORTA DE CORRER
6 FOLHAS C/ 4 FOLHAS

C/ VZ E 2 FOLHAS C/ VIDRO (3 PLANOS)

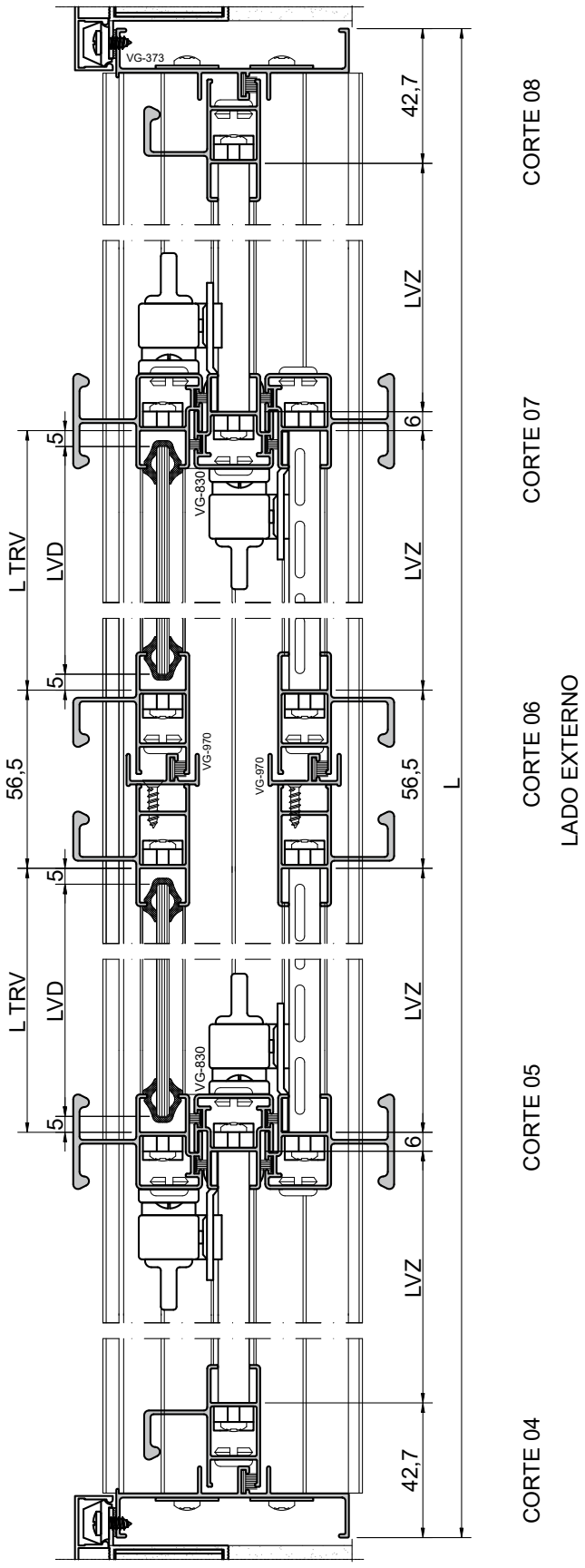


	ALG-992S	PERFIL COM ESTAMPO PARA VP
	ALG-992	PERFIL SEM ESTAMPO PARA VP

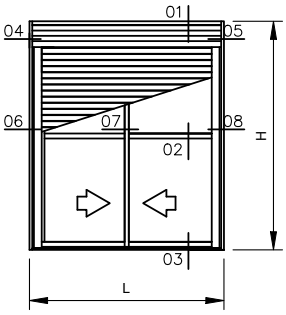


PORTA DE CORRER
6 FOLHAS C/ 4 FOLHAS

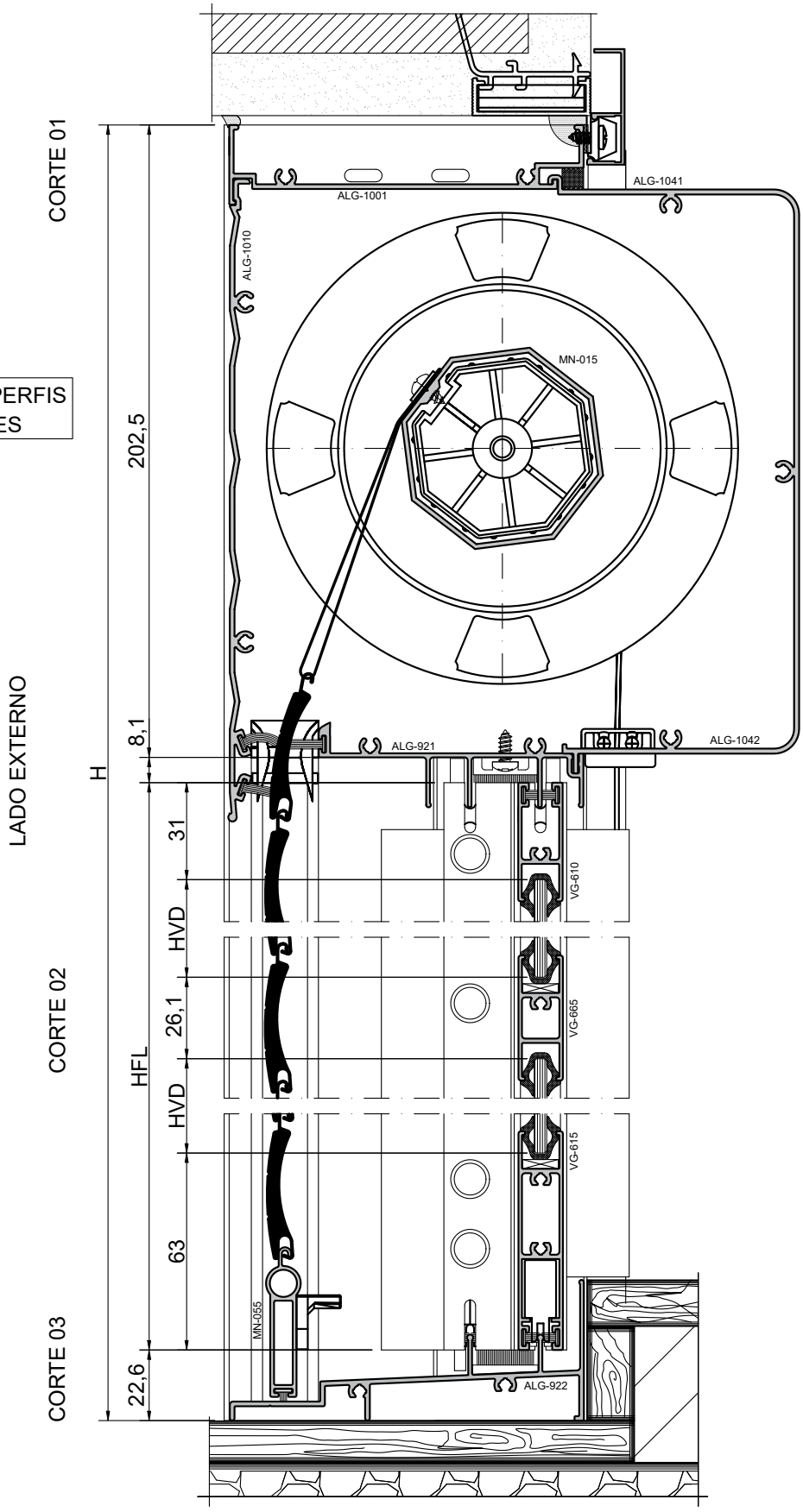
C/ VZ E 2 FOLHAS C/ VIDRO (3 PLANOS)



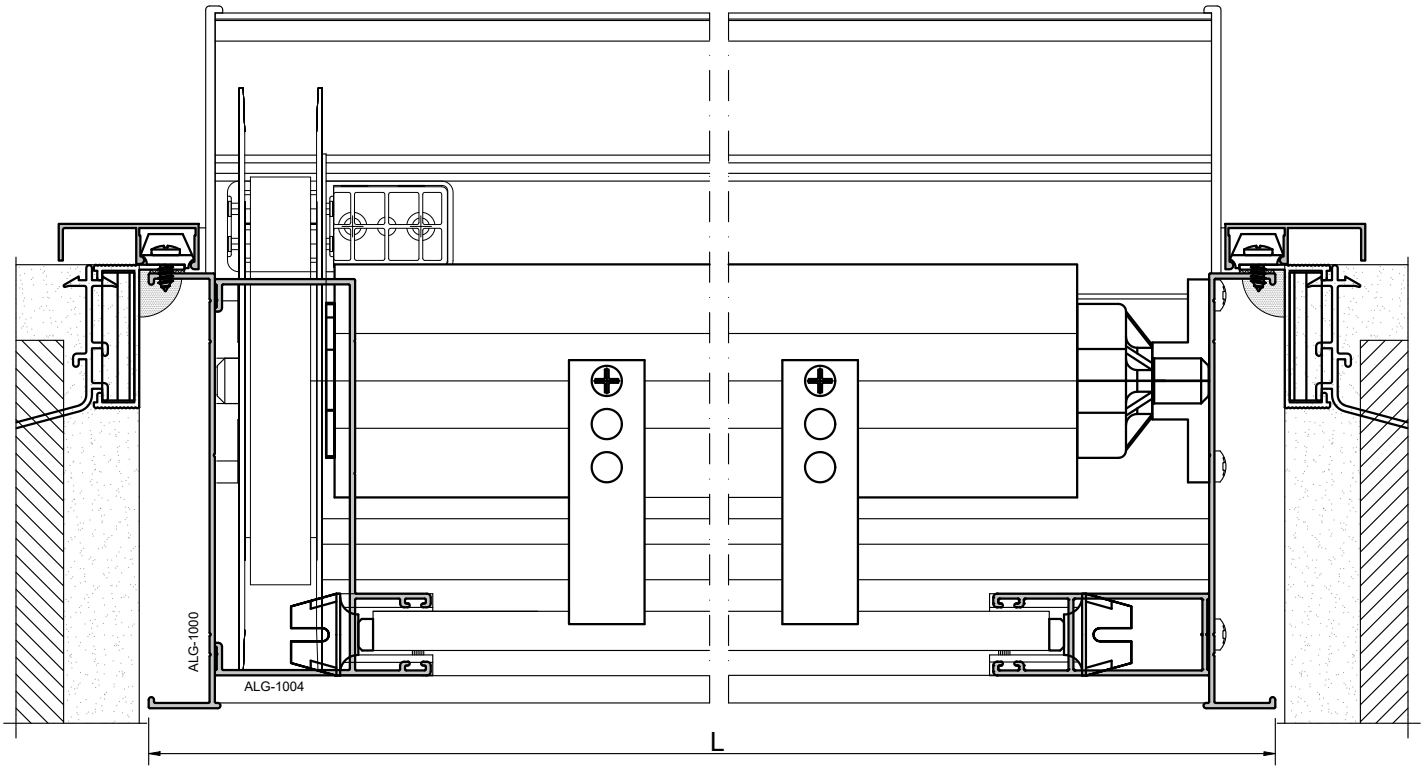
PORTA DE CORRER
2 FOLHAS
COM INTEGRADA



VER COMBINAÇÕES DE PERFIS NA SESSÃO: DETALHES

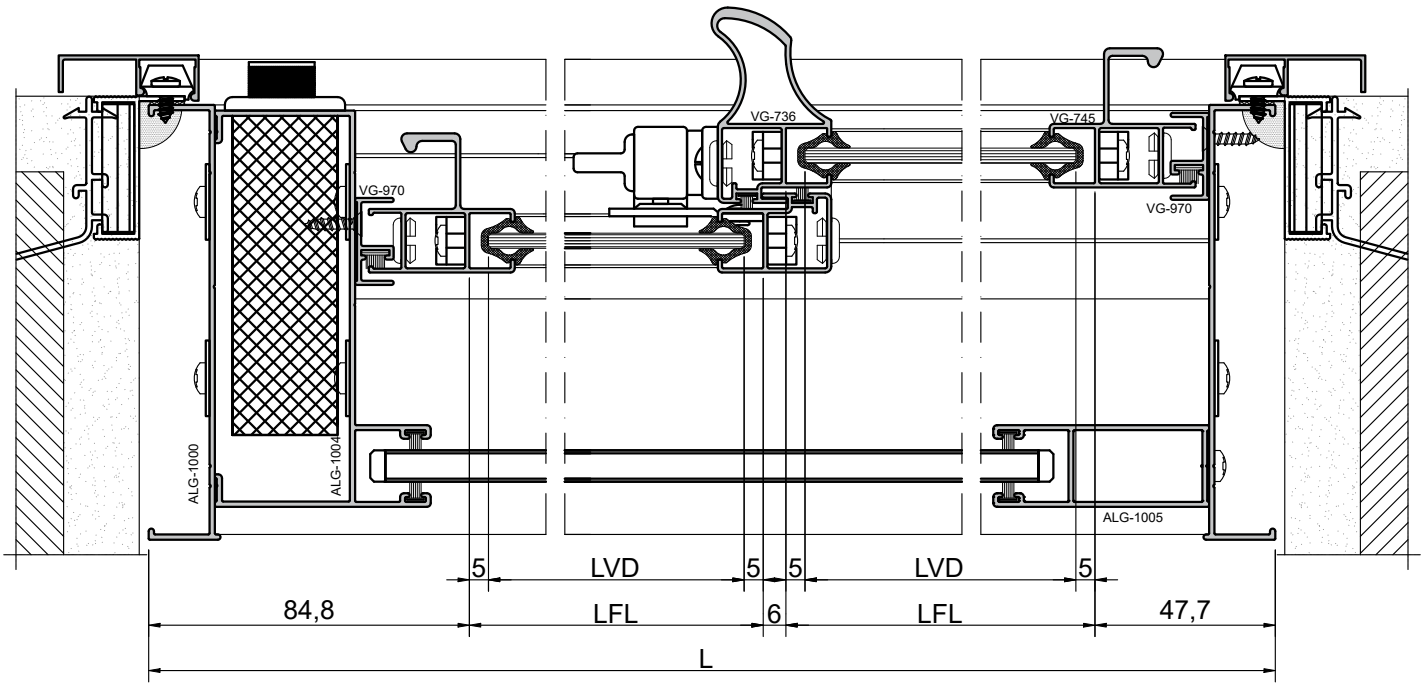


PORTA DE CORRER
2 FOLHAS
COM INTEGRADA



CORTE 04 CORTE 05

LADO EXTERNO

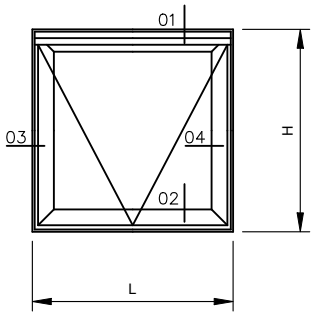


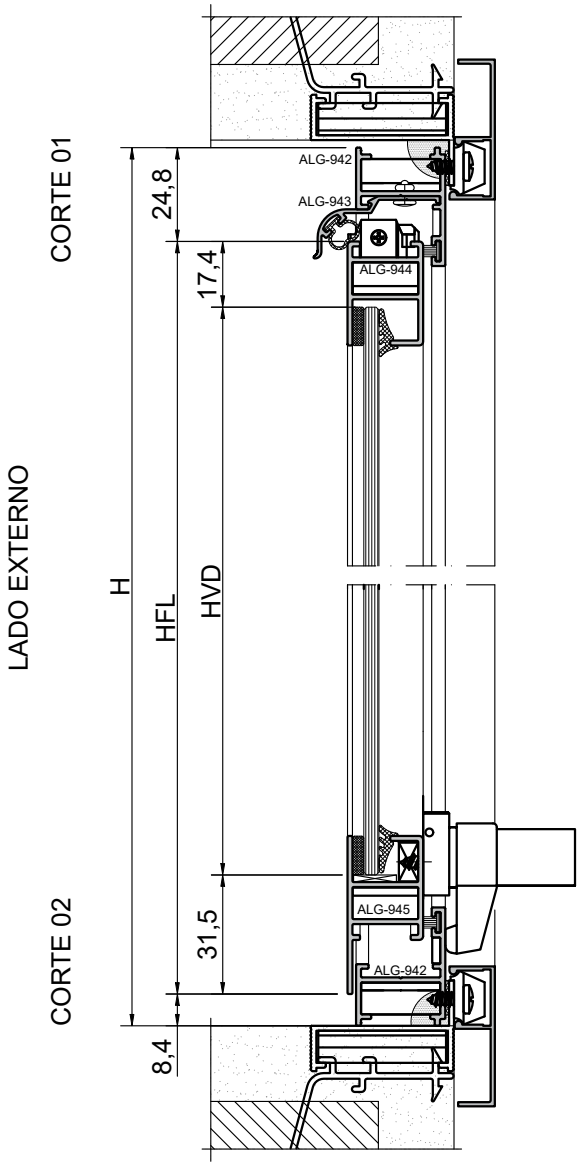
CORTE 06 CORTE 07 CORTE 08

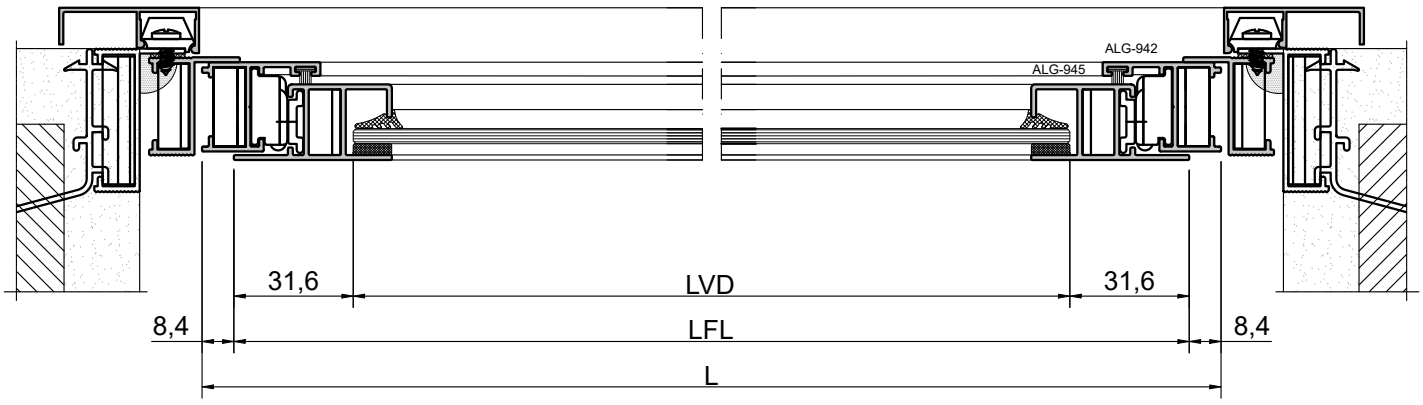
LADO EXTERNO

ESC.: 1:2

JANELA MAXIMAR
1 FOLHA





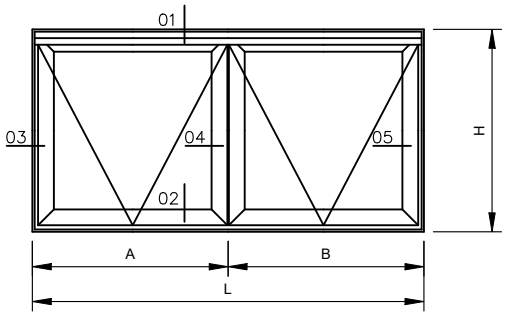


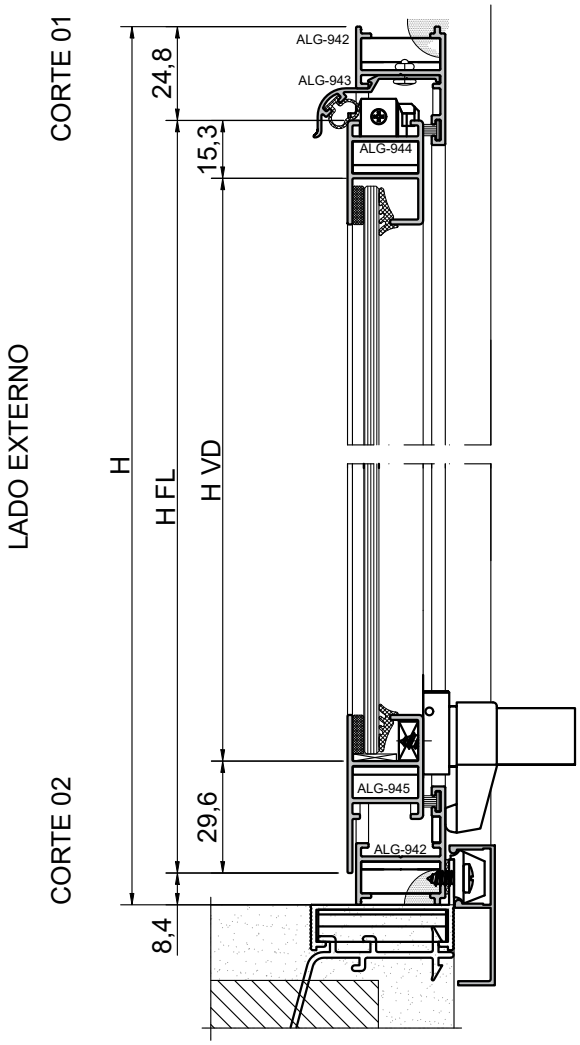
CORTE 03

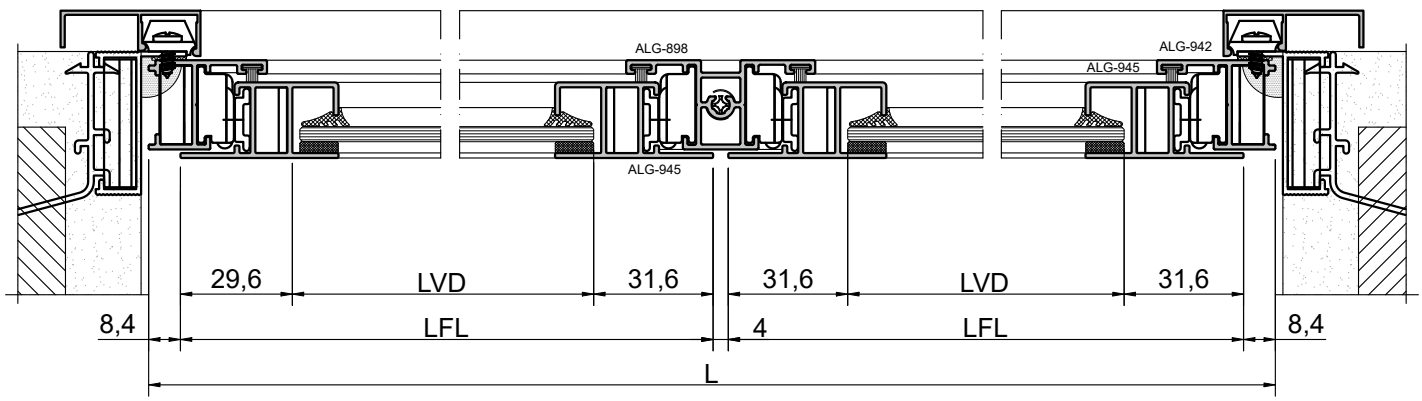
CORTE 04

LADO EXTERNO

JANELA MAXIMAR
2 FOLHAS





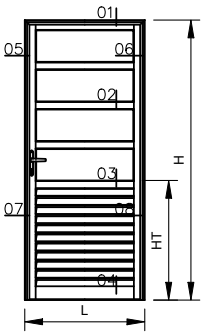


CORTE 03 CORTE 04 CORTE 05

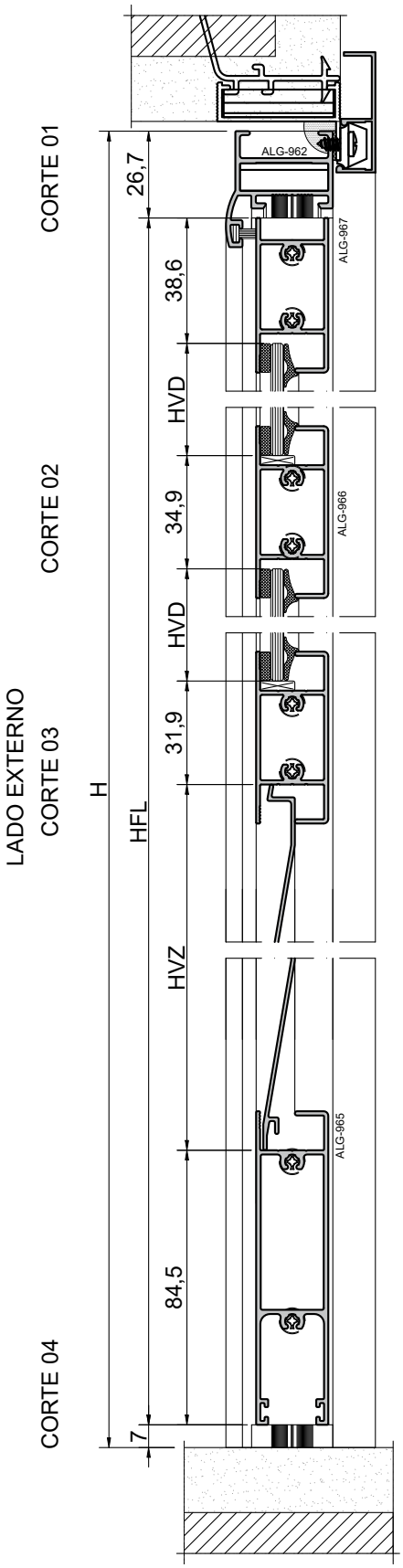
LADO EXTERNO

PORTA DE GIRO
1 FOLHA

COM VIDROS SUPERIORES E VZ INFERIORES

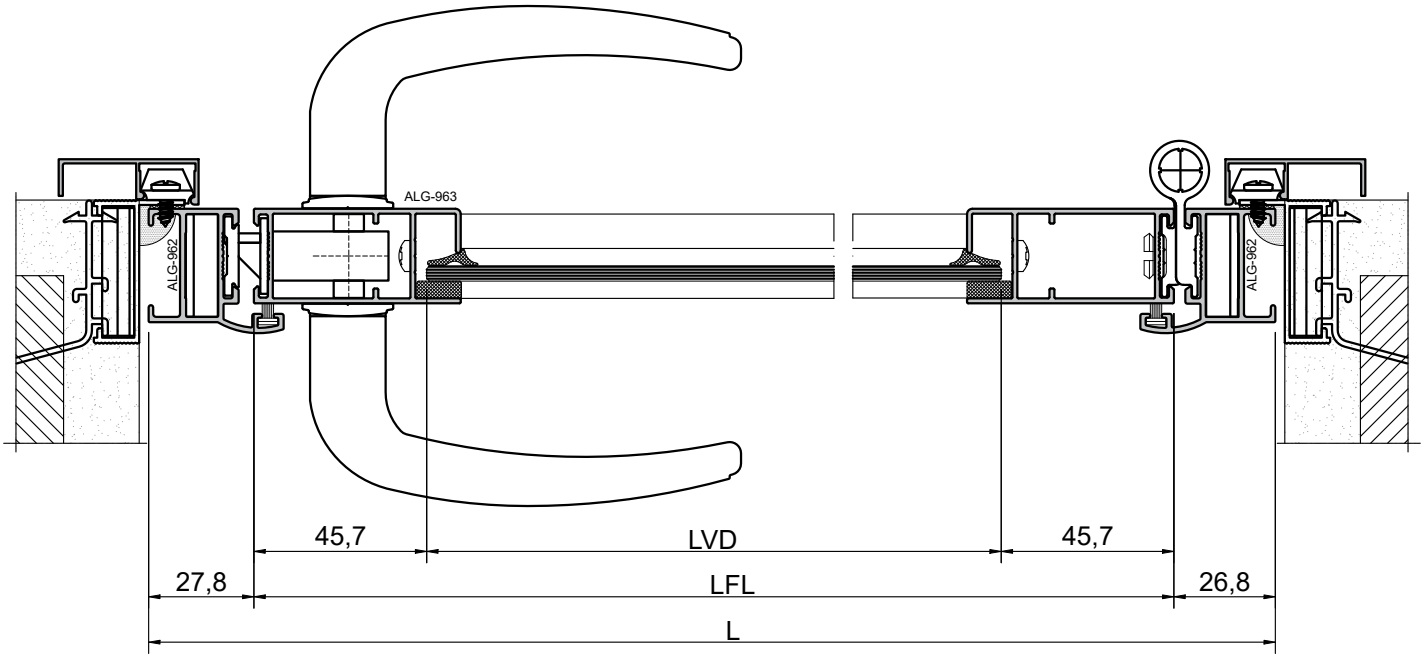


	ALG-992S	PERFIL COM ESTAMPO PARA VP
	ALG-992	PERFIL SEM ESTAMPO PARA VP



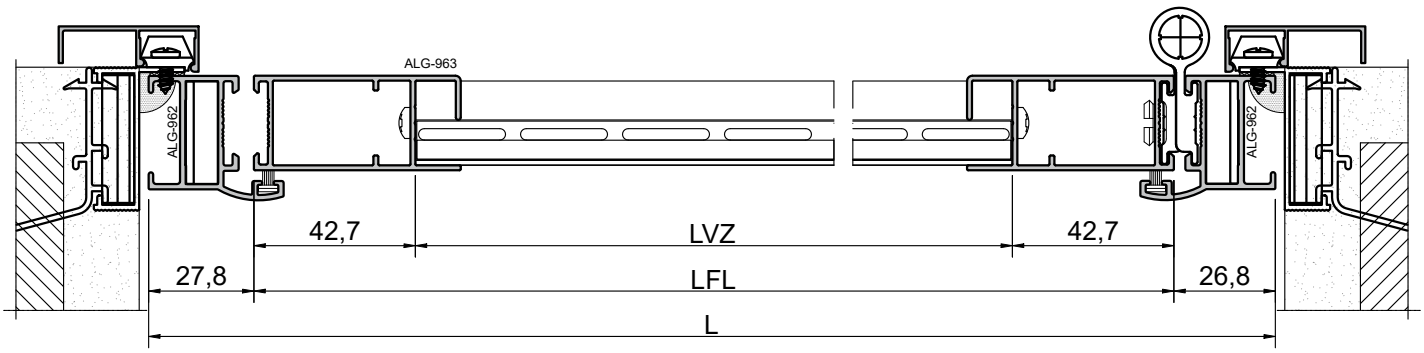
PORTA DE GIRO
1 FOLHA

COM VIDROS SUPERIORES E VZ INFERIORES



CORTE 05 CORTE 06

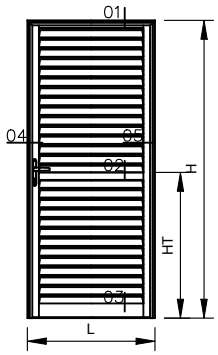
LADO EXTERNO



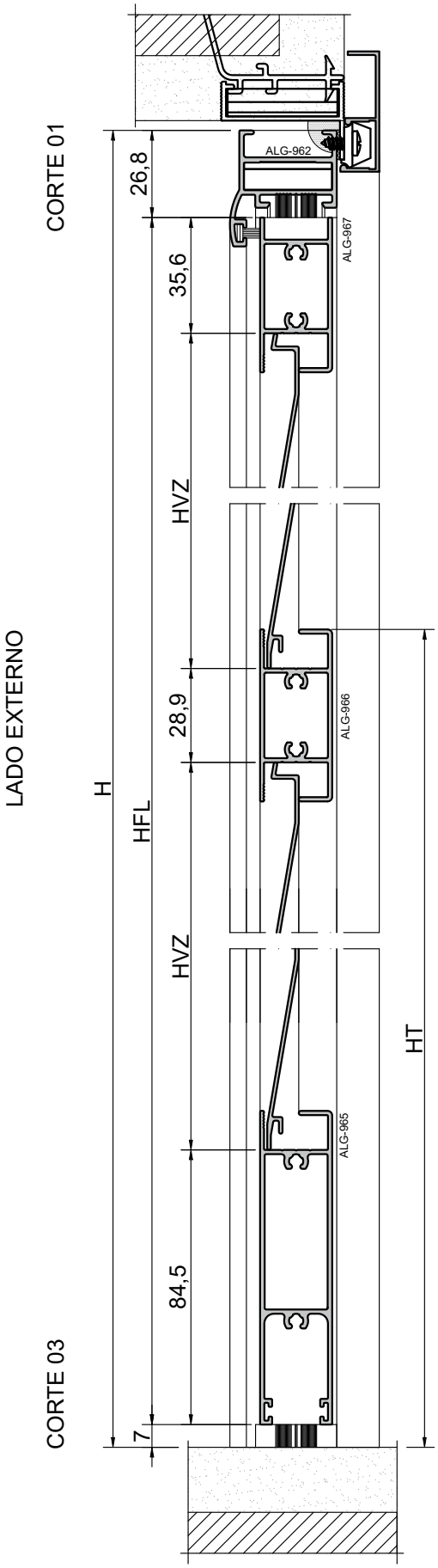
CORTE 07 CORTE 08

LADO EXTERNO

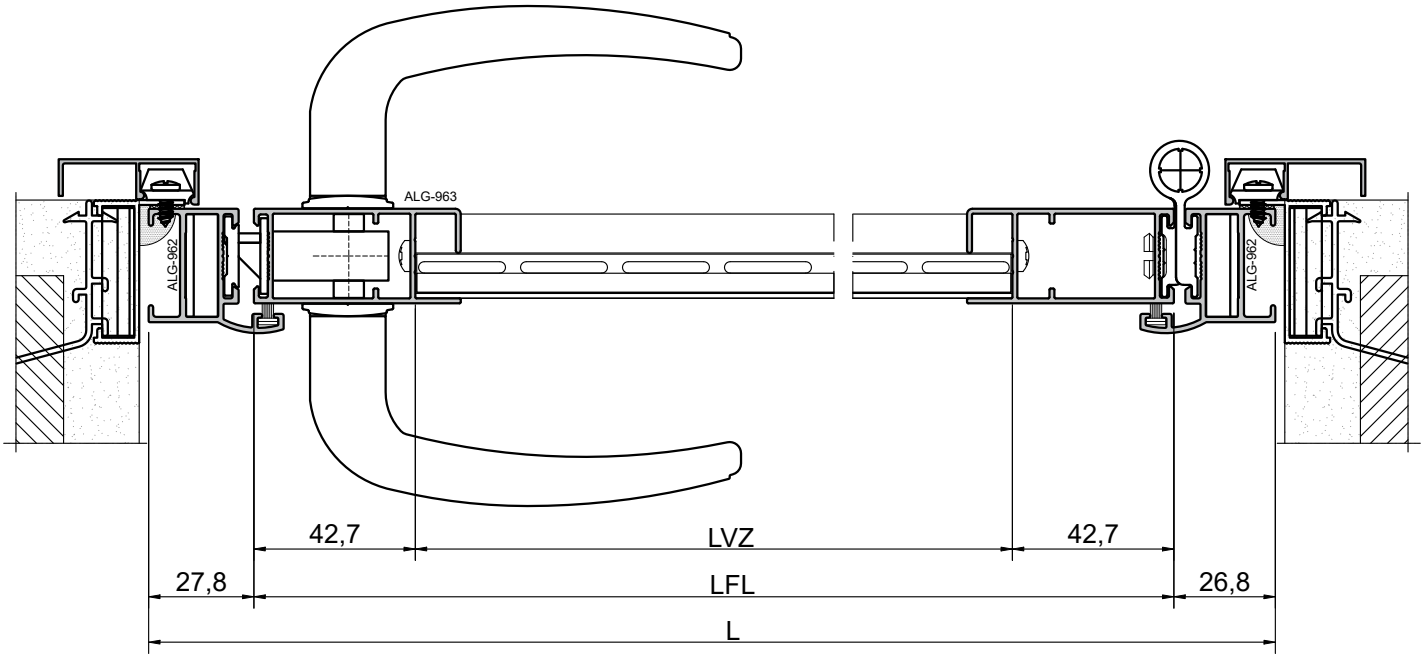
PORTA DE GIRO
1 FOLHA COM VENEZIANA



	ALG-992S	PERFIL COM ESTAMPO PARA VP
	ALG-992	PERFIL SEM ESTAMPO PARA VP



PORTA DE GIRO
1 FOLHA COM VENEZIANA



CORTE 04

CORTE 05

LADO EXTERNO

Usinagens

APLICAÇÕES

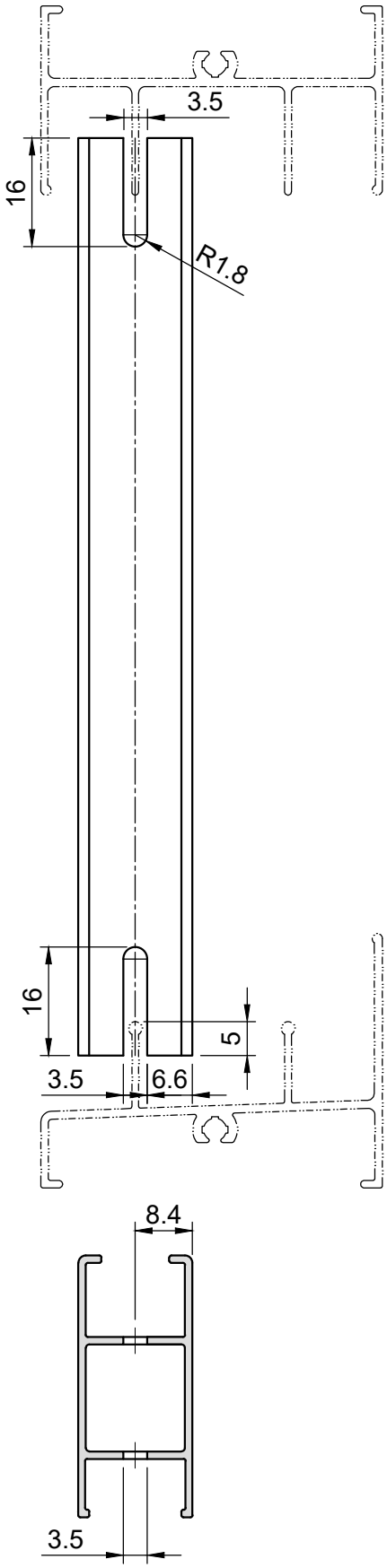
Perfil:

USI 1

Ver tabela

ESCALA 1:1

Usinagem do montante Passagem do marco



APLICAÇÕES	
	VG-710
	VG-711
	VG-731
	VG-732
	VG-736
	VG-737
	VG-745
	VG-830

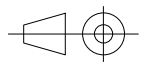
Perfil:

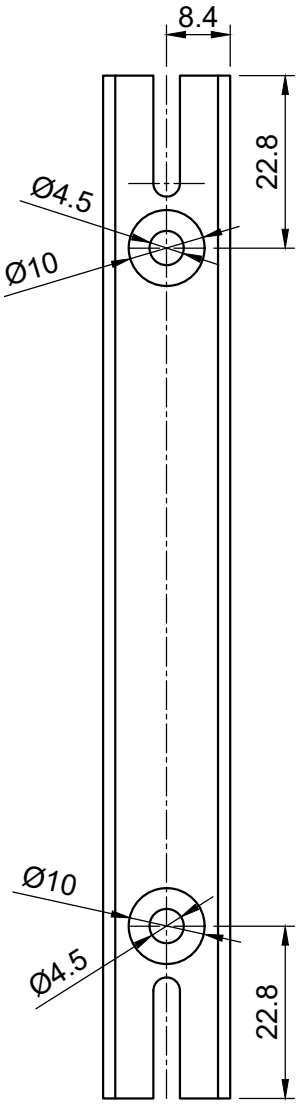
USI 2

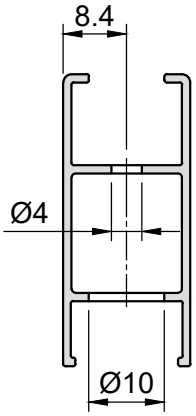
Ver tabela

ESCALA 1:1

Usinagem do montante Fixação da travessa







APLICAÇÕES	
	VG-710
	VG-711
	VG-731
	VG-732
	VG-745
	VG-830

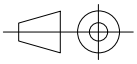
Perfil:

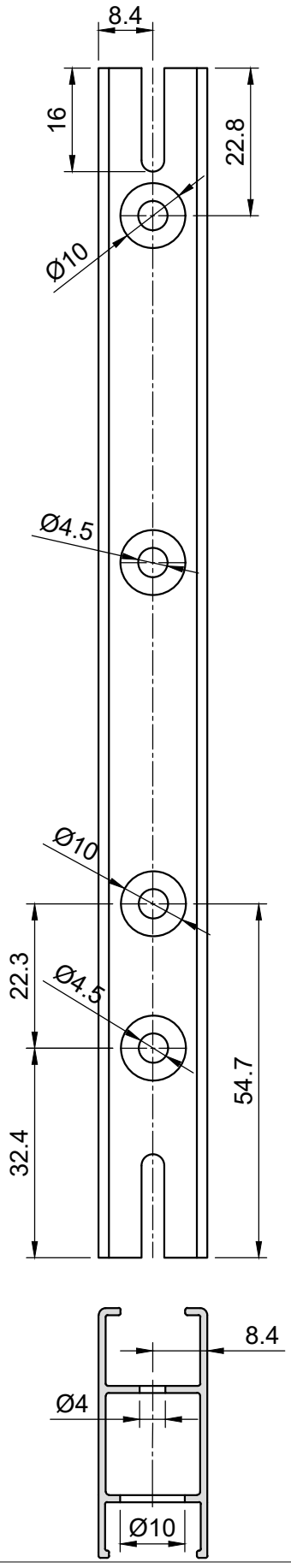
USI 3

Ver tabela

ESCALA 1:1

Usinagem do montante Fixação da travessa





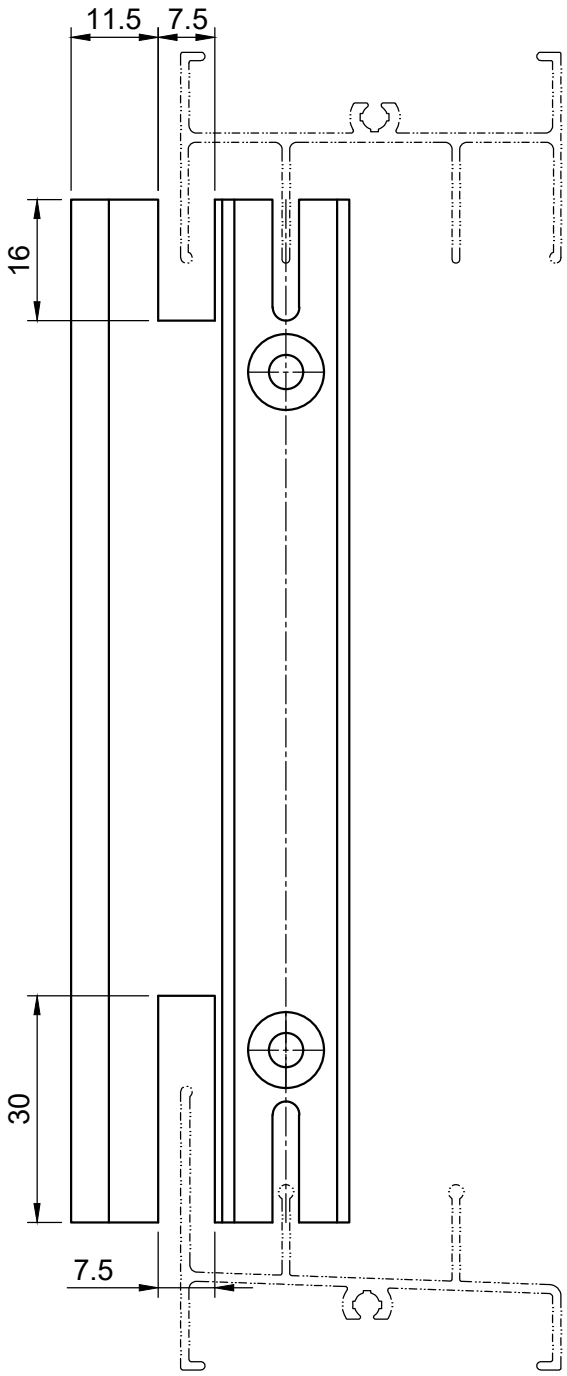
APLICAÇÕES	
	VG-710
	VG-711
	VG-731
	VG-732
	VG-736
	VG-737
	VG-745
	VG-830

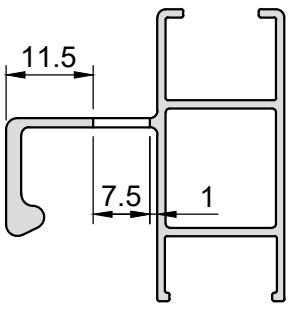
Perfil:
USI 4

VG-732
VG-745

ESCALA 1:1

Usinagem do montante Passagem do marco





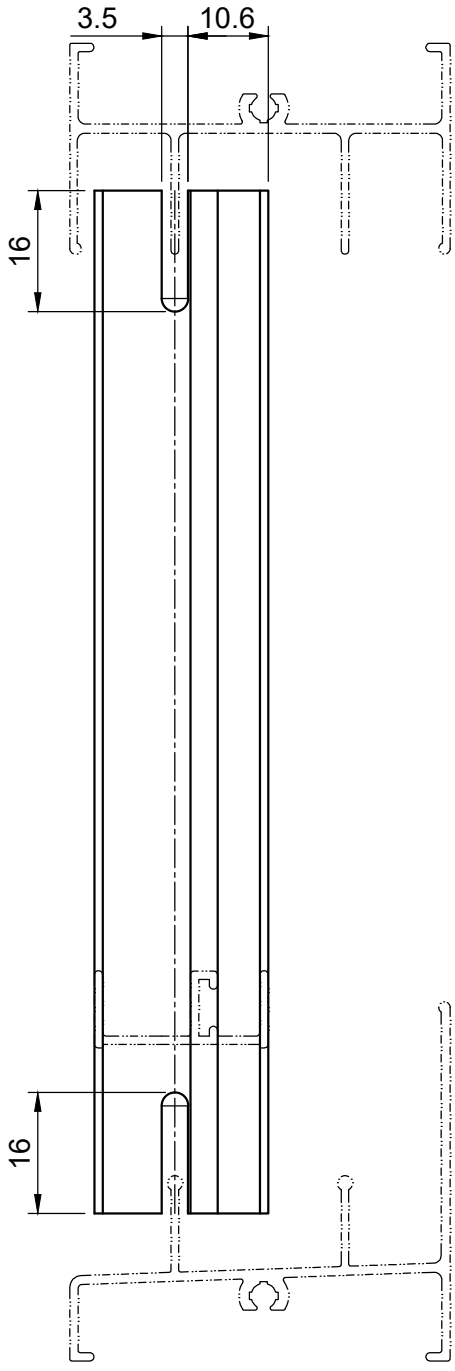
APLICAÇÕES	
	VG-732
	VG-745

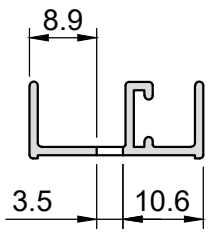
Perfil: VG-970

USI 5

ESCALA 1:1

Usinagem do mata junta Passagem do marco





APLICAÇÕES	
	VG-970

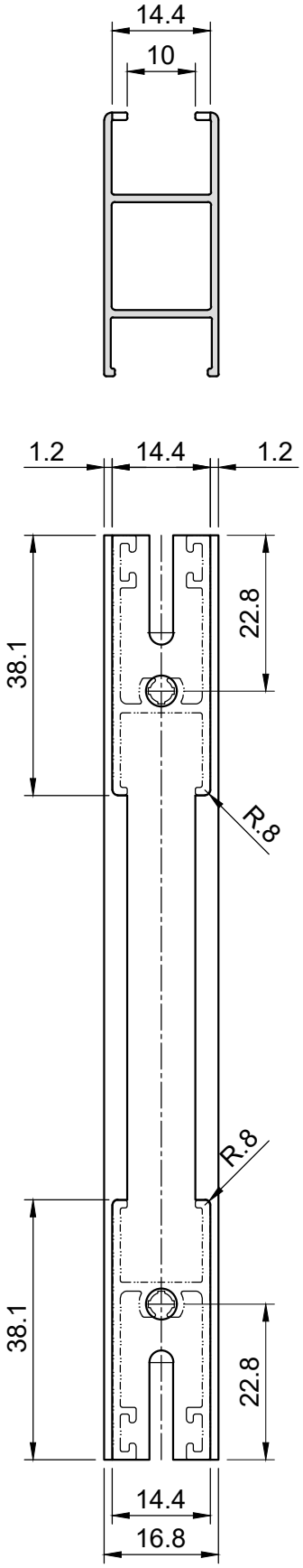
Perfil:

USI 6

Ver tabela

ESCALA 1:1

Usinagem do montante Entrada da travessa



APLICAÇÕES	
	VG-710
	VG-711
	VG-731
	VG-732
	VG-745
	VG-830

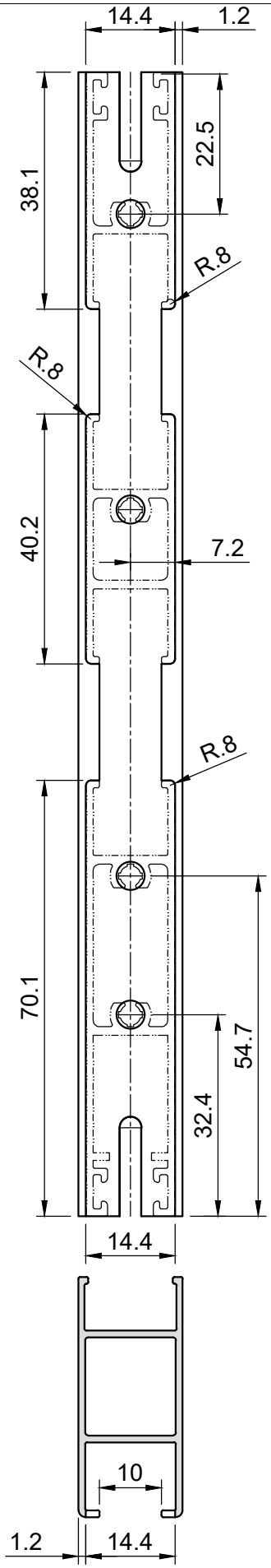
Perfil:

USI 7

Ver tabela

ESCALA 1:1

Usinagem do montante Entrada da travessa



APLICAÇÕES	
	VG-710
	VG-711
	VG-731
	VG-732
	VG-736
	VG-737
	VG-745
	VG-830

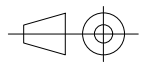
Perfil:

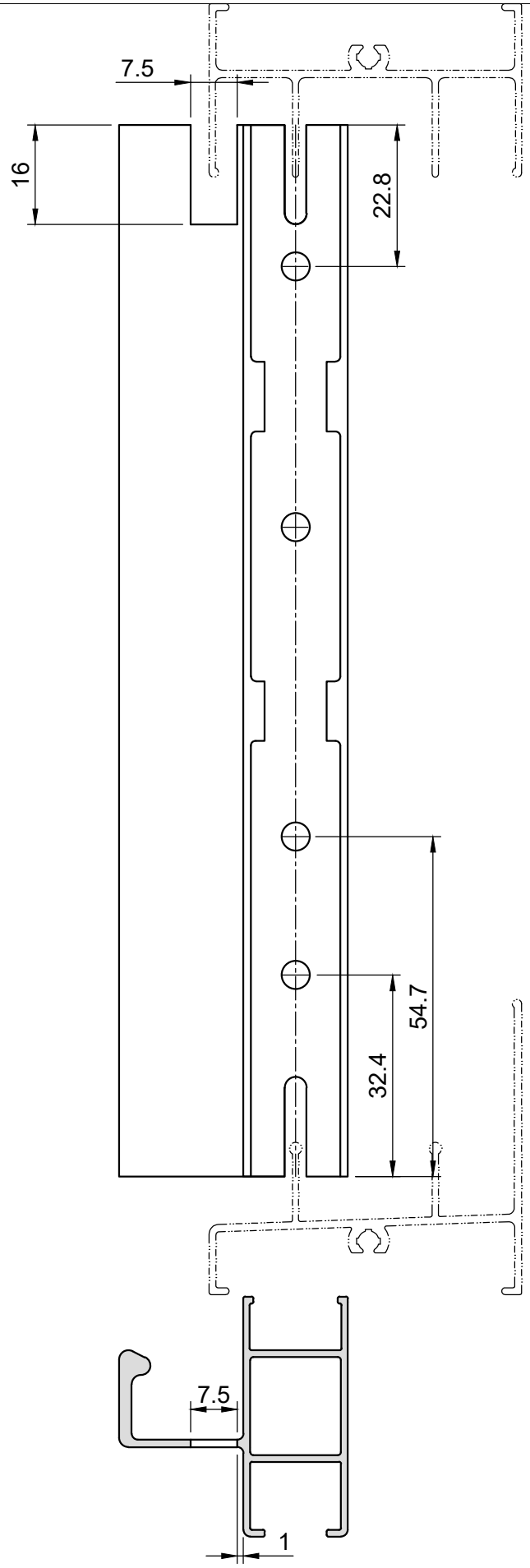
USI 8

Ver tabela

ESCALA 1:1

Usinagem do montante Passagem do marco externo





APLICAÇÕES	
	VG-732
	VG-745

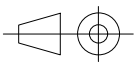
Perfil:

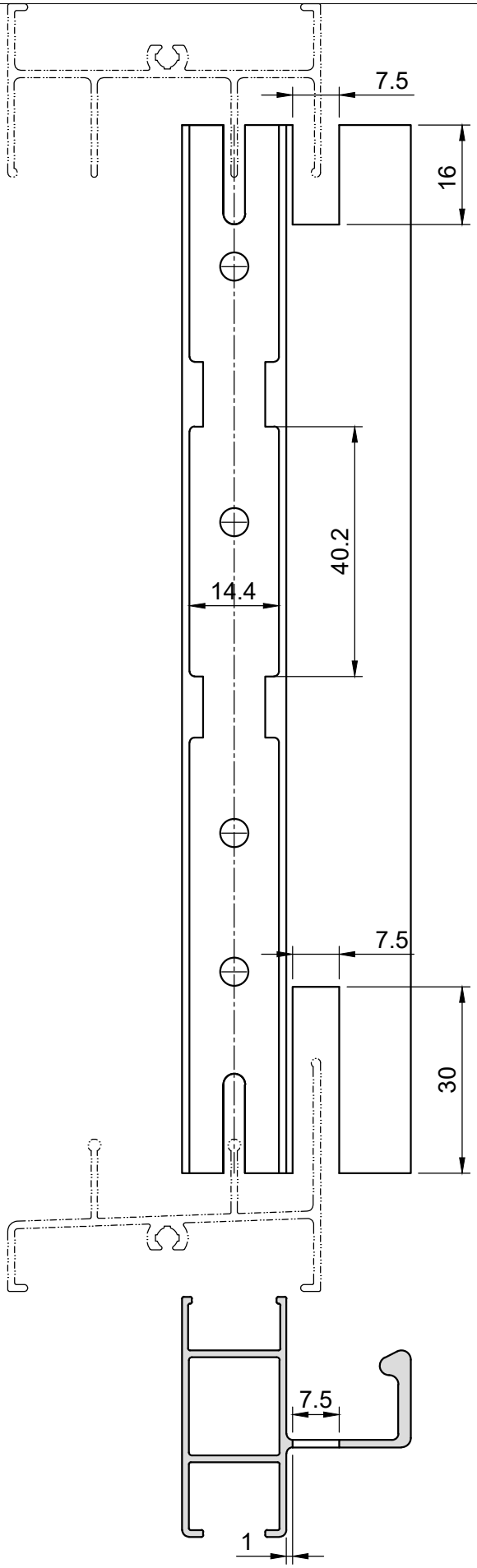
USI 9

Ver tabela

ESCALA 1:1

Usinagem do montante Passagem do marco interno





APLICAÇÕES	
	VG-732
	VG-745

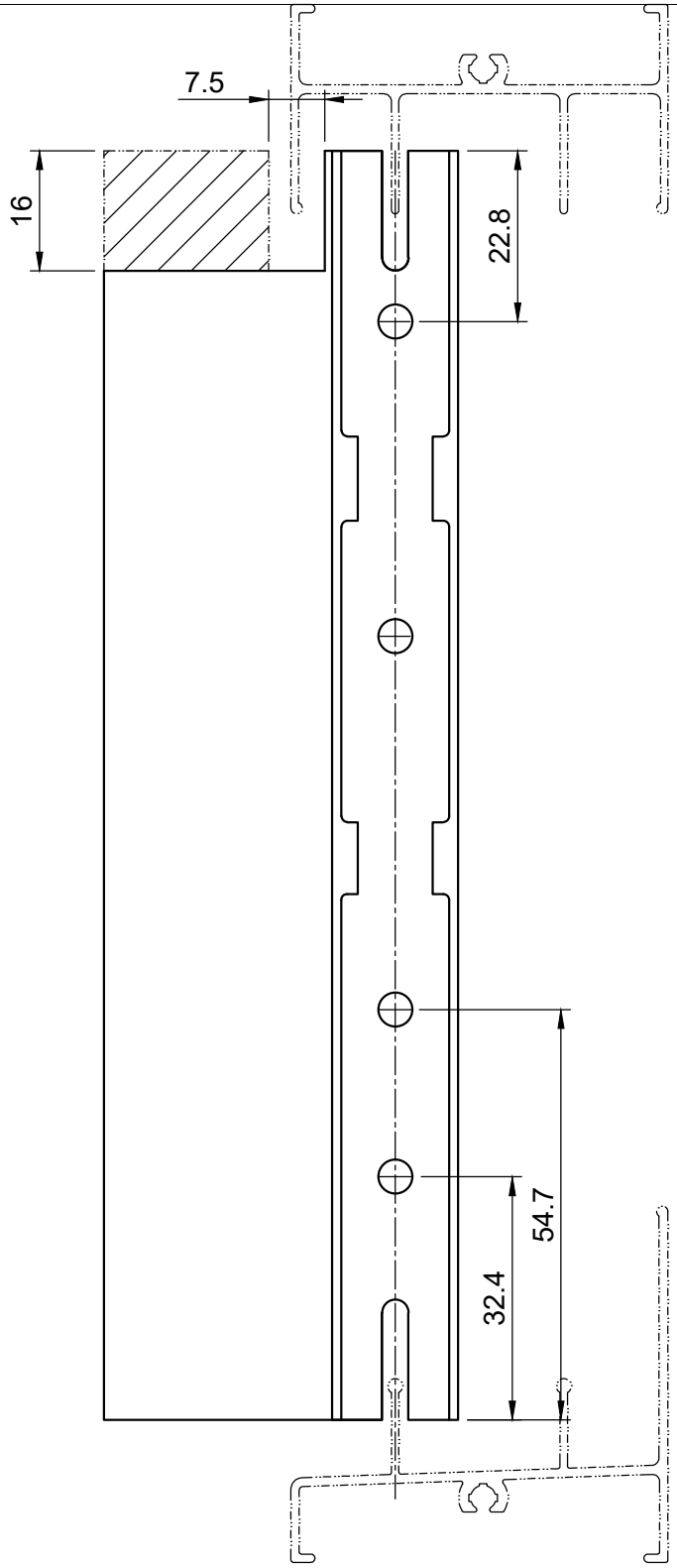
Perfil:

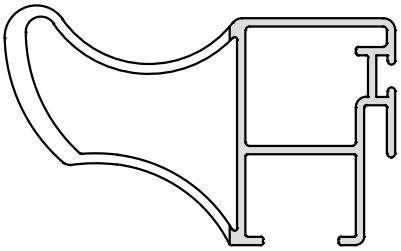
USI 8

Ver tabela

ESCALA 1:1

Usinagem do montante Passagem do marco externo





APLICAÇÕES	
	VG-736
	VG-737

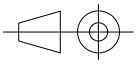
Perfil:

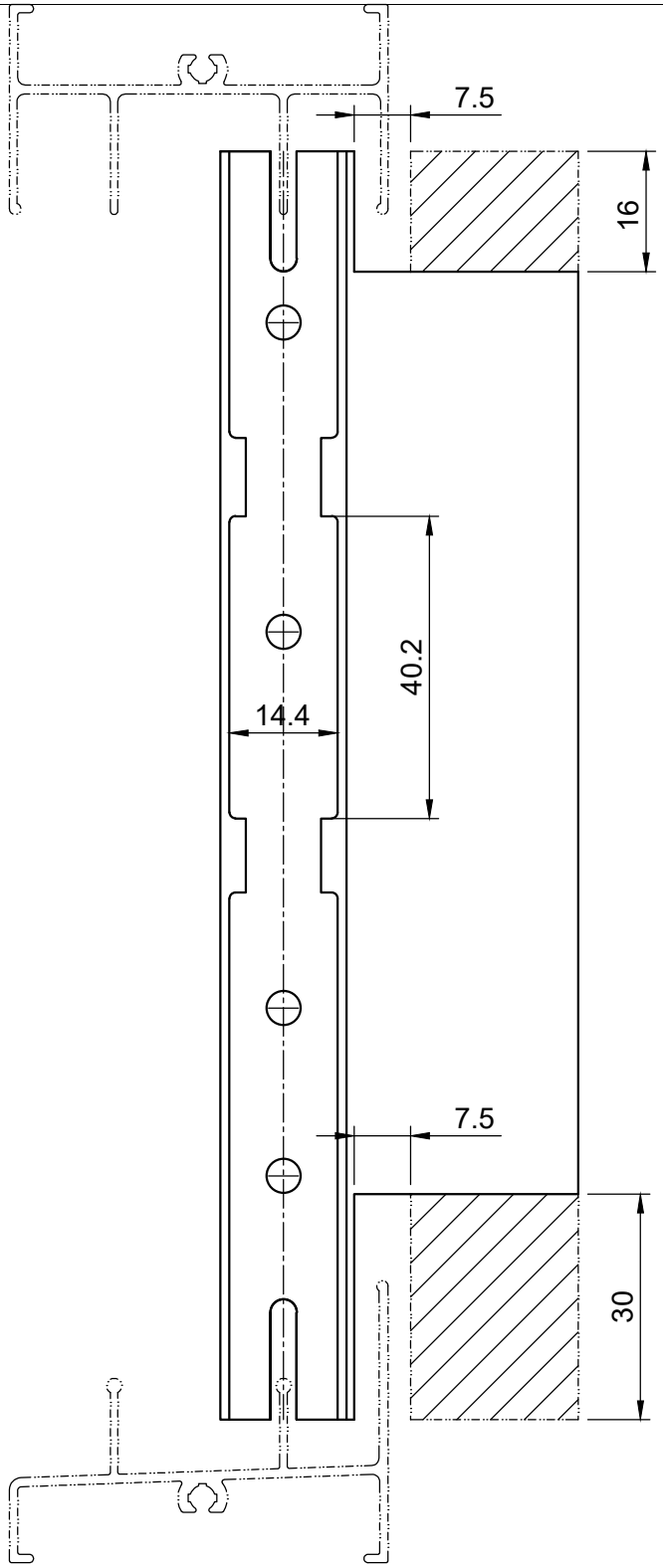
USI 9

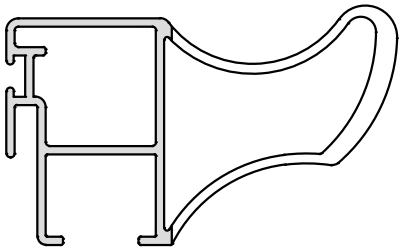
Ver tabela

ESCALA 1:1

Usinagem do montante Passagem do marco interno







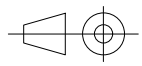
APLICAÇÕES	
	VG-736
	VG-737

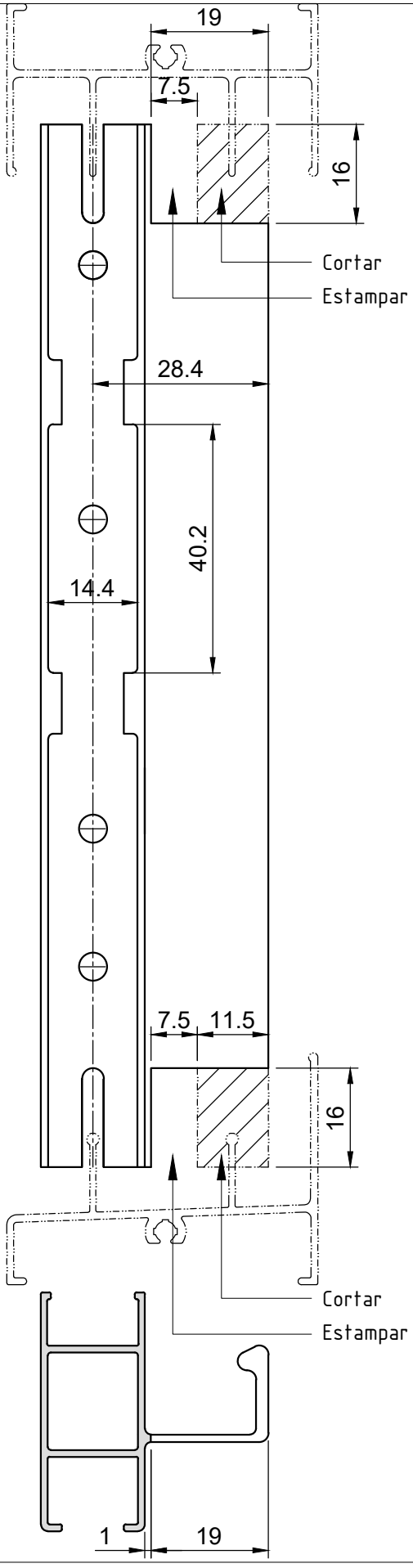
Perfil:
USI 10

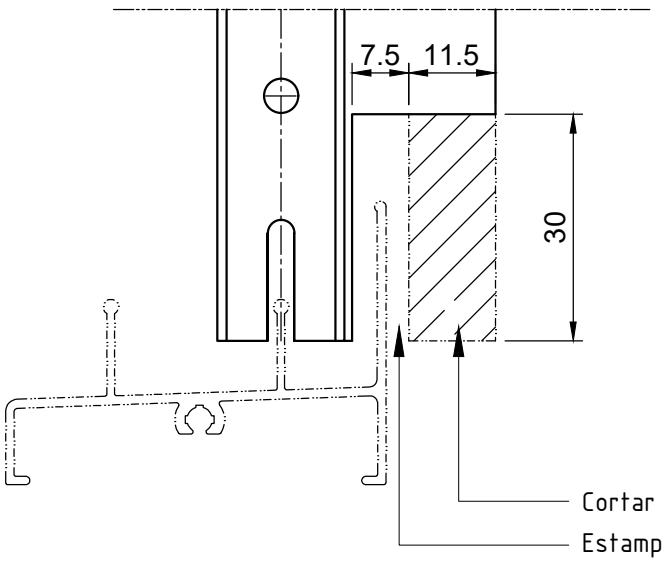
VG-732
VG-745

ESCALA 1:1

Usinagem do montante Passagem do Trilho







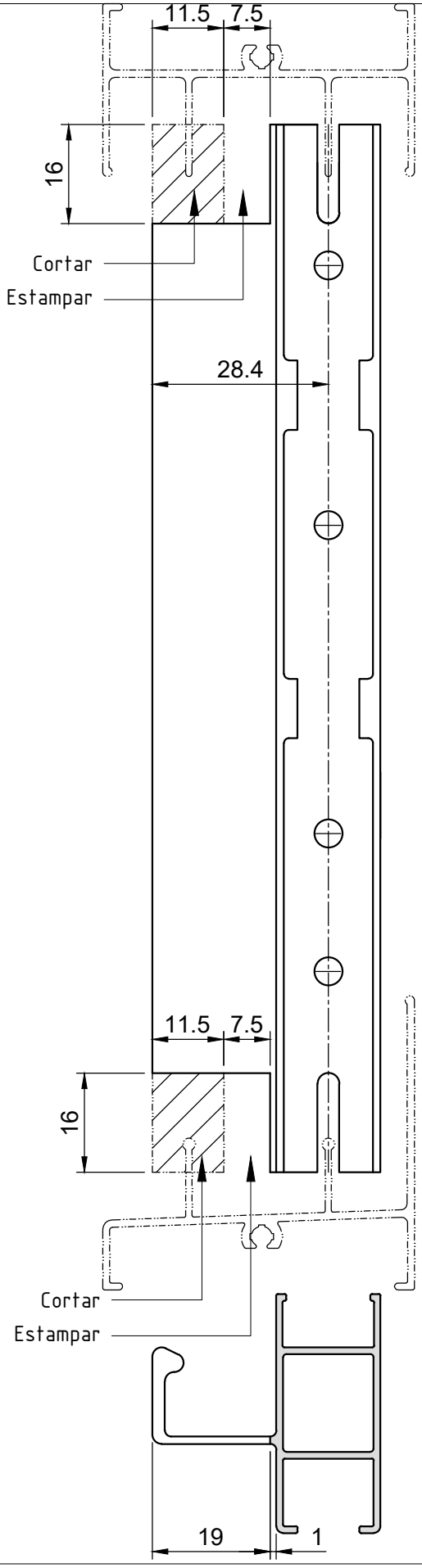
APLICAÇÕES	
	VG-732
	VG-745

Perfil:

USI 11 VG-732 VG-745

ESCALA 1:1

Usinagem do montante Passagem do Trilho



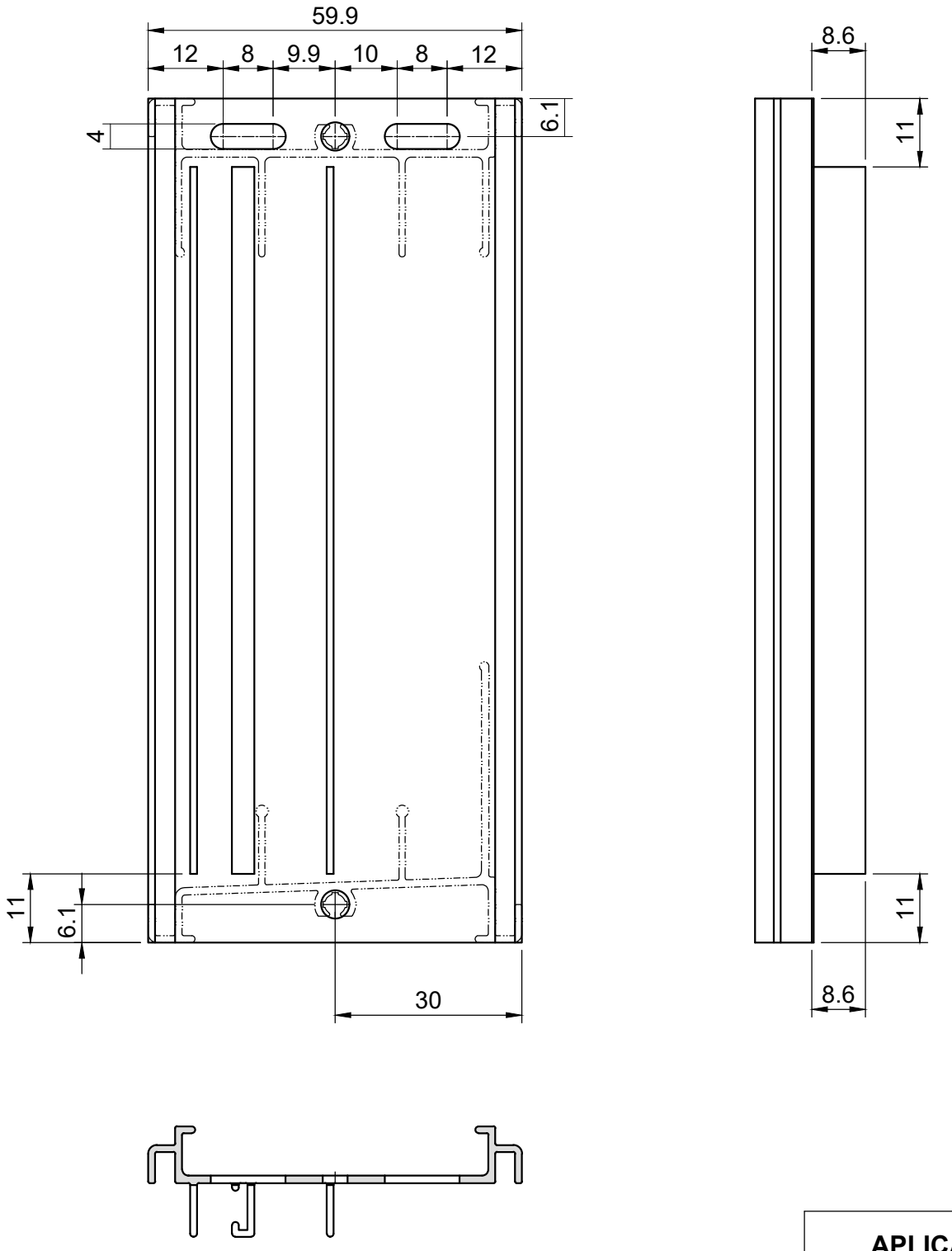
APLICAÇÕES	
	VG-732
	VG-745

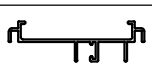
Perfil:
USI 12

VG-273
VG-274

ESCALA 1:1

Usinagem do marco Fixação dos marcos horizontais



APLICAÇÕES	
	VG-273
	VG-274

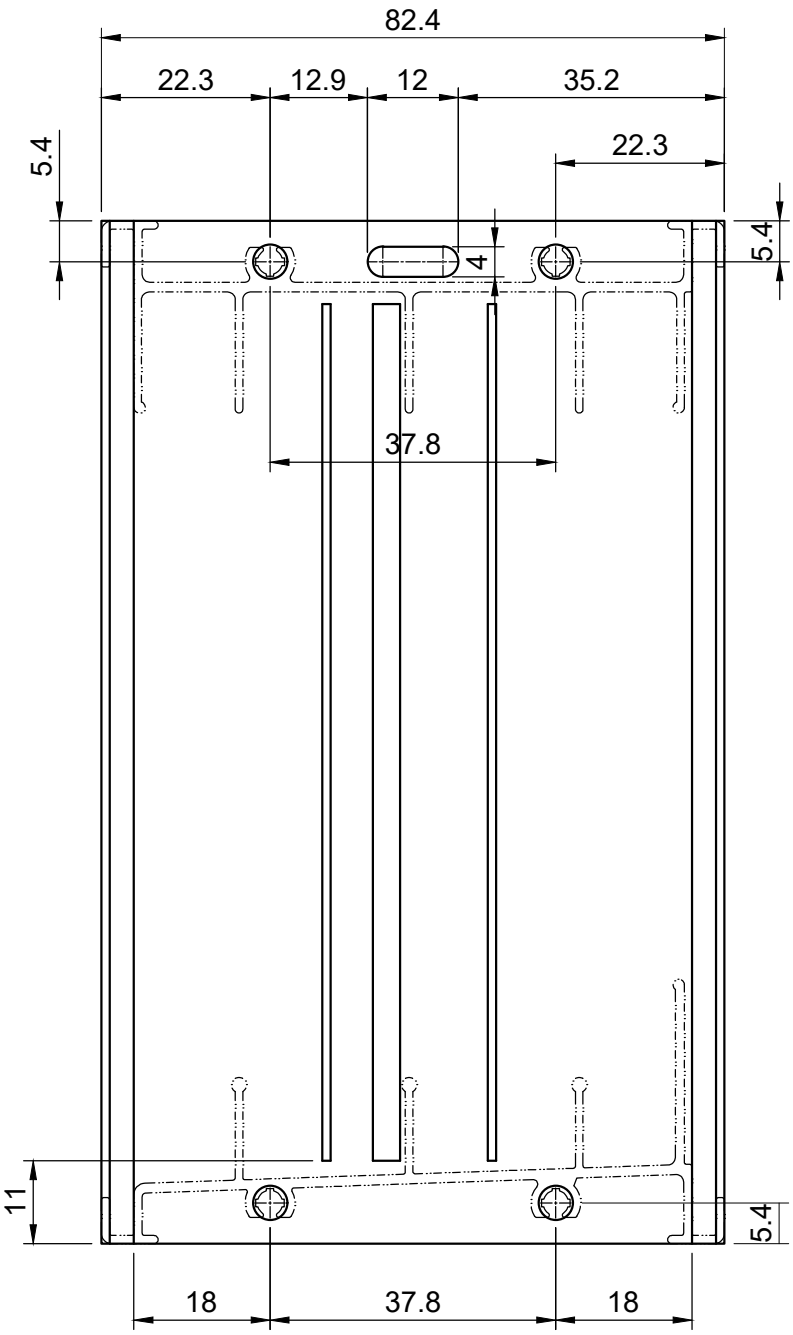
Perfil:

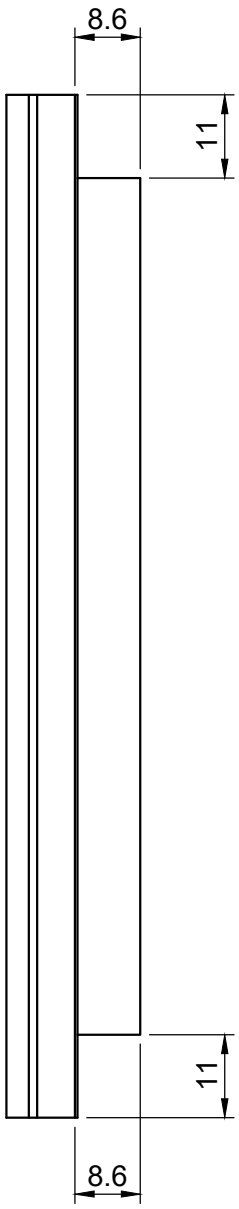
USI 13

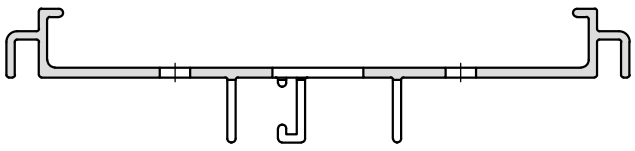
VG-373
VG-374

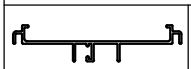
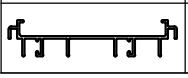
ESCALA 1:1

Usinagem do marco Fixação dos marcos horizontais







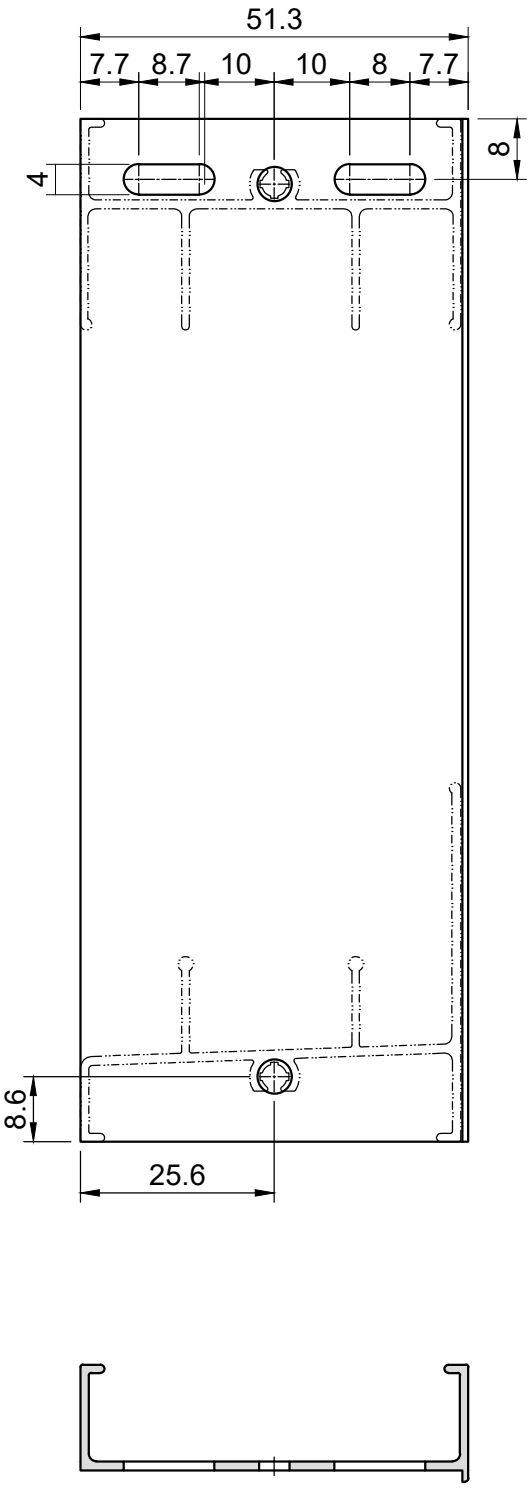
APLICAÇÕES	
	VG-373
	VG-374

Perfil: VG-270

USI 14

ESCALA 1:1

Usinagem do marco Fixação dos marcos horizontais



APLICAÇÕES	
	VG-270

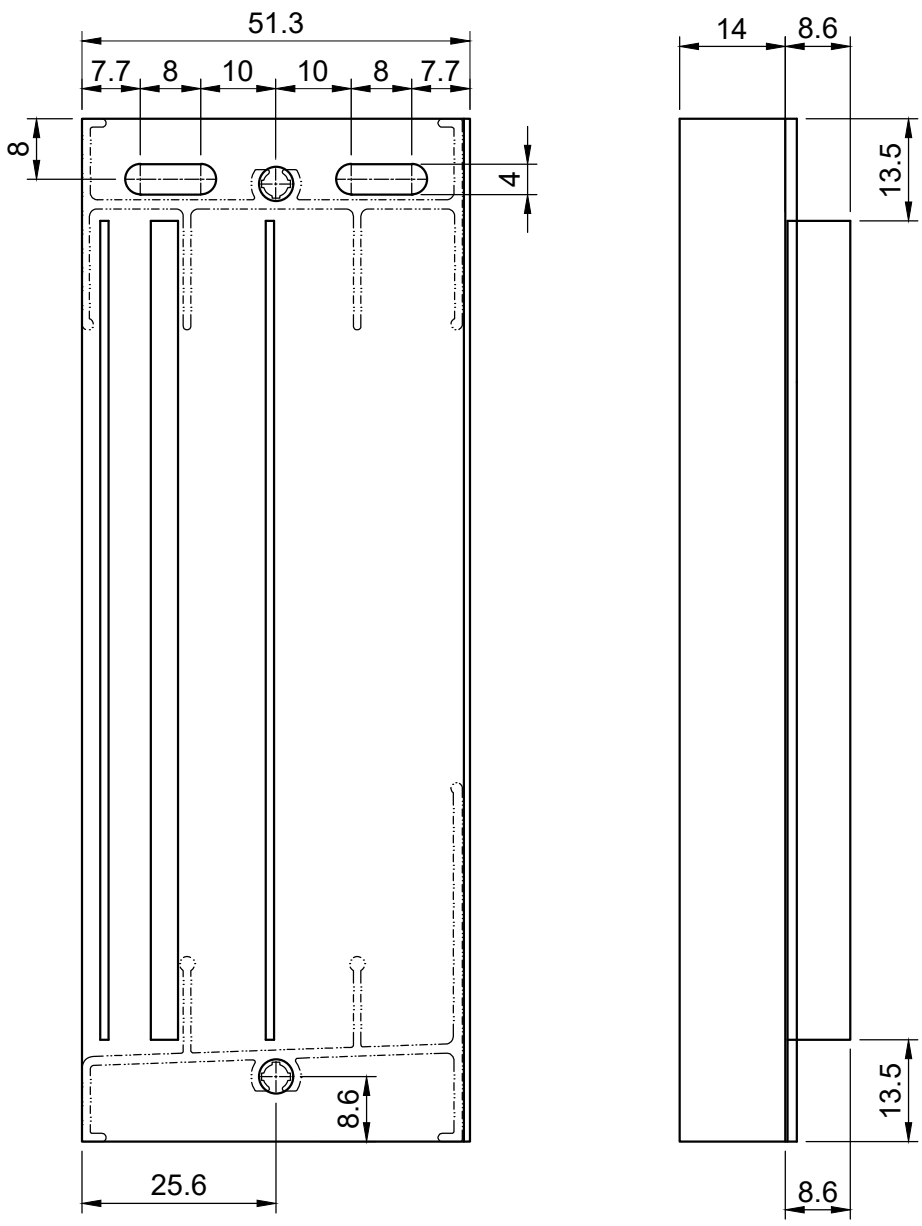
Perfil:

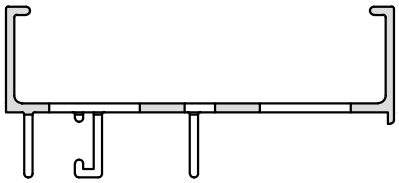
USI 15

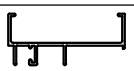
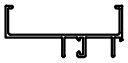
VG-271
VG-272

ESCALA 1:1

Usinagem do marco Fixação dos marcos horizontais





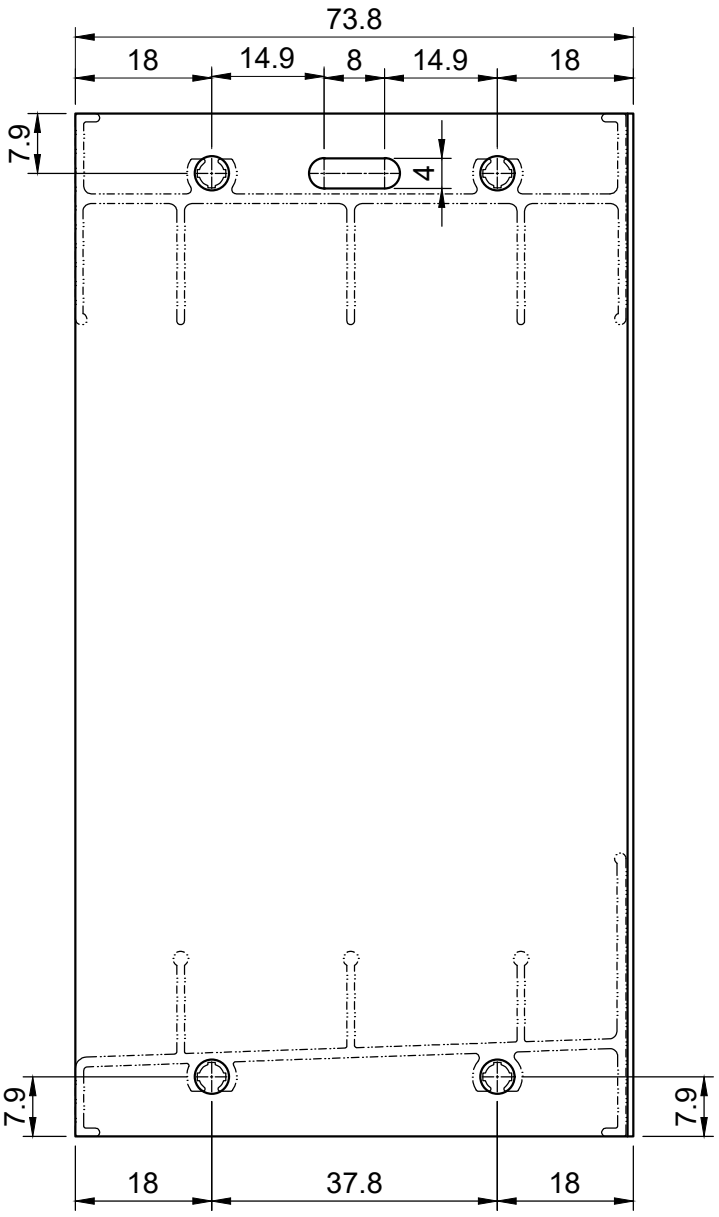
APLICAÇÕES	
	VG-271
	VG-272

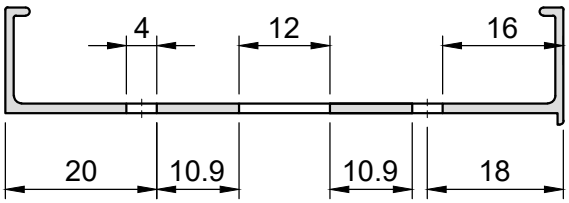
Perfil: VG-370

USI 16

ESCALA 1:1

Usinagem do marco Fixação dos marcos horizontais





APLICAÇÕES

VG-370

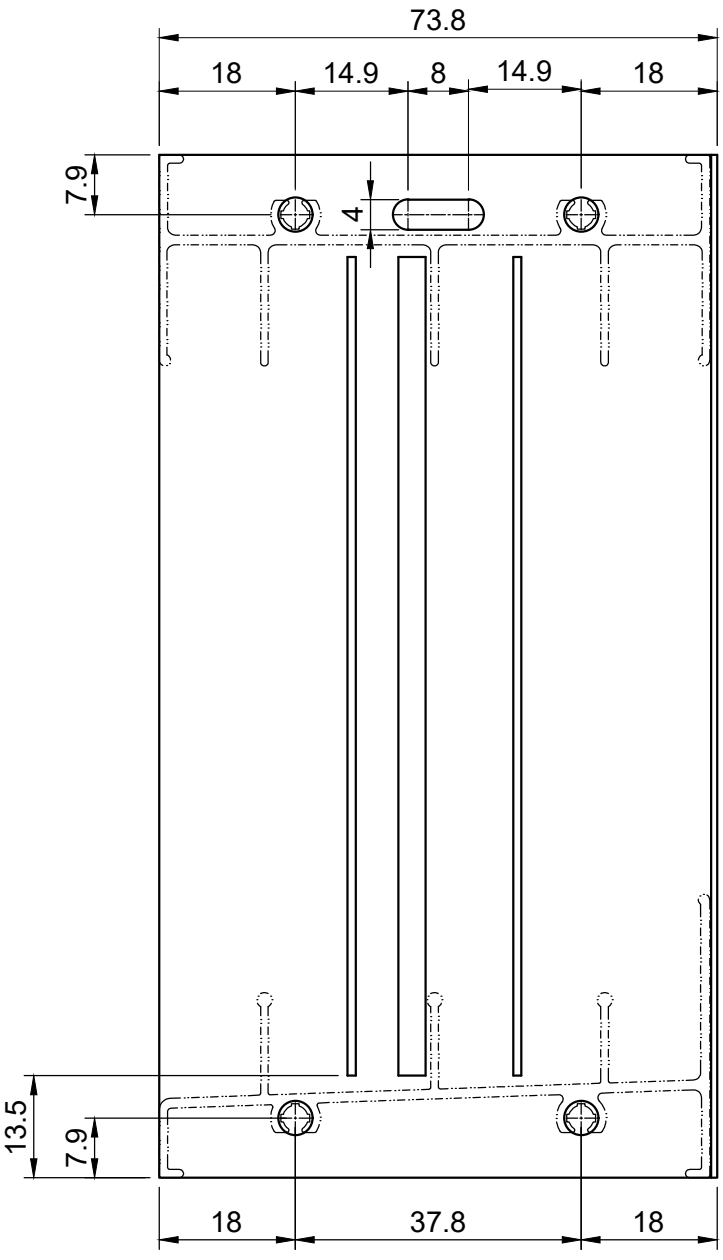
Perfil:

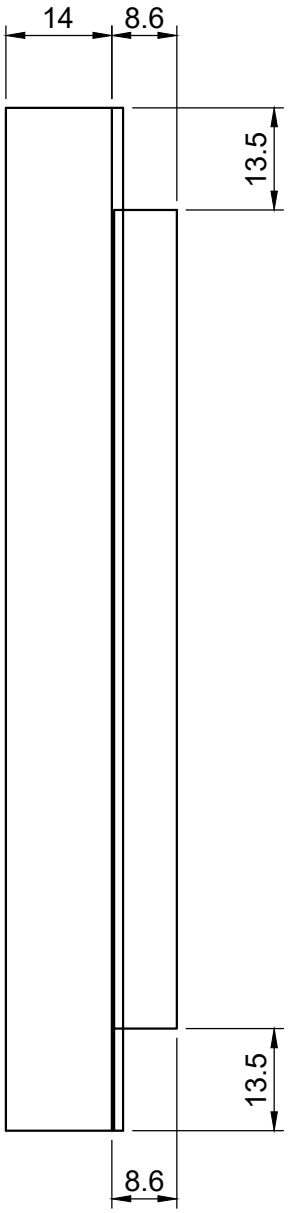
USI 17

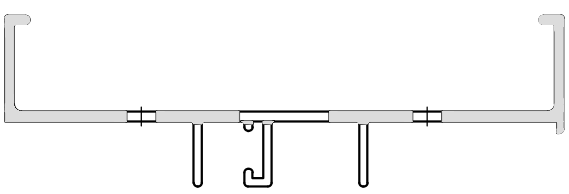
VG-371
VG-372

ESCALA 1:1

Usinagem do marco Fixação dos marcos horizontais







APLICAÇÕES	
	VG-371
	VG-372

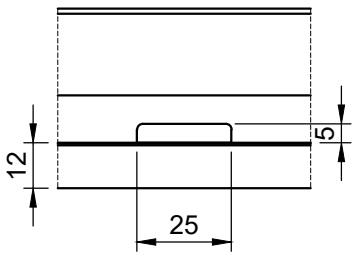
Perfil:

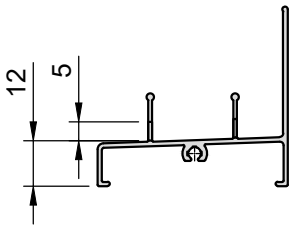
USI 18

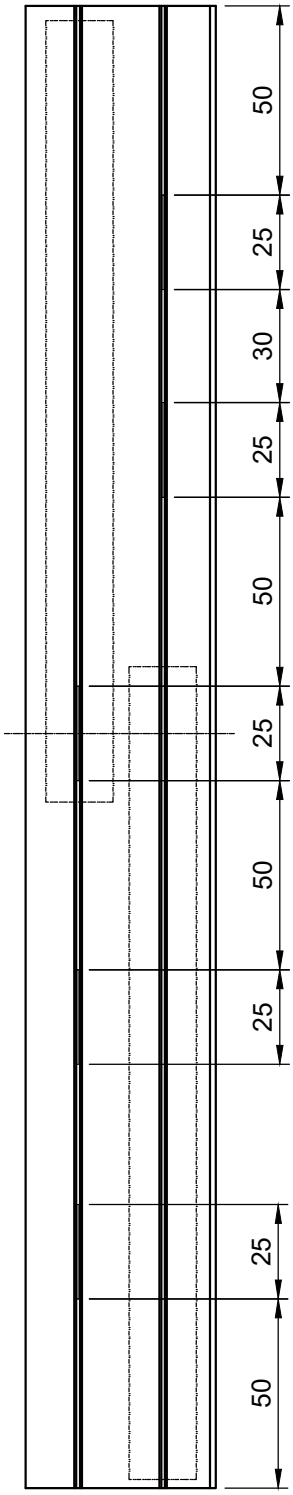
Ver tabela

ESCALA 1:2

Usinagem do marco Passagem do dreno







* Os rasgos de drenagem devem estar do lado oposto da folha

APLICAÇÕES	
	VG-210
	VG-211
	VG-215
	VG-216
	ALG-922
	ALG-987

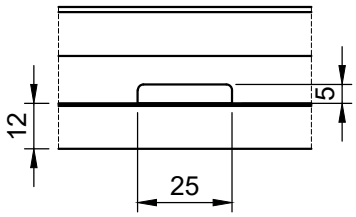
Perfil:

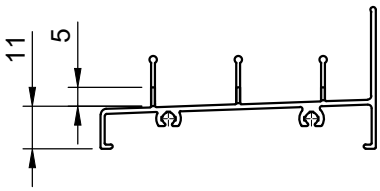
USI 19

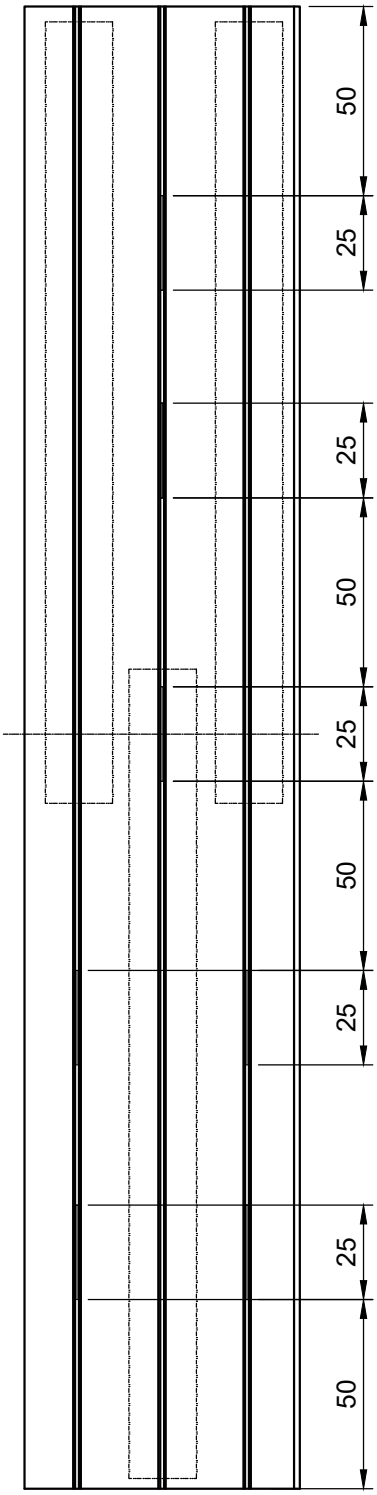
Ver tabela

ESCALA 1:2

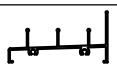
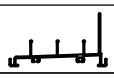
Usinagem do marco Passagem do dreno







* Os rasgos de drenagem devem estar do lado oposto da folha

APLICAÇÕES	
	VG-310
	VG-311
	VG-315
	VG-316

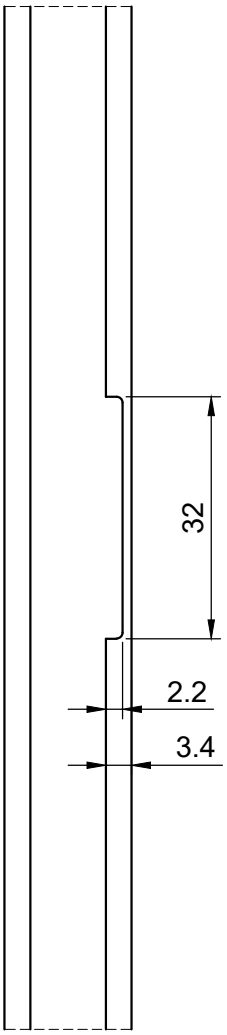
Perfil:

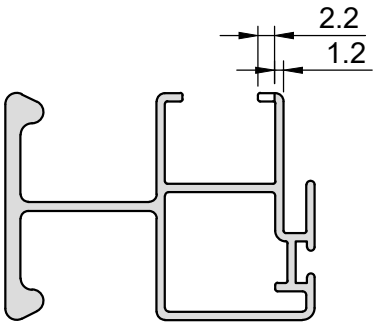
USI 20

Ver tabela

ESCALA 1:1

Usinagem do montante Passagem do contrafecho





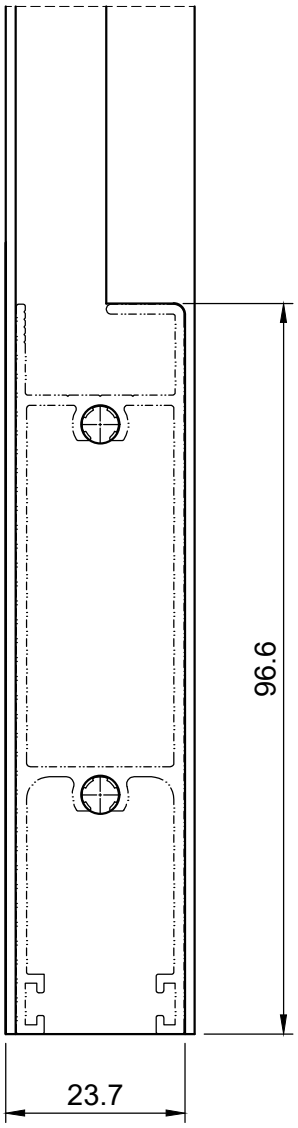
APLICAÇÕES	
	VG-731
	VG-732
	VG-736
	VG-737
	ALG-830

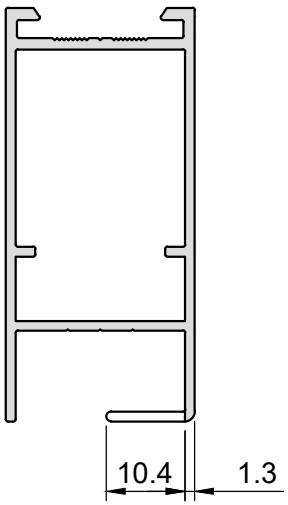
Perfil:

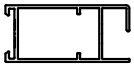
USI 21 ALG-963

ESCALA 1:1

Usinagem do montante Passagem das travessas





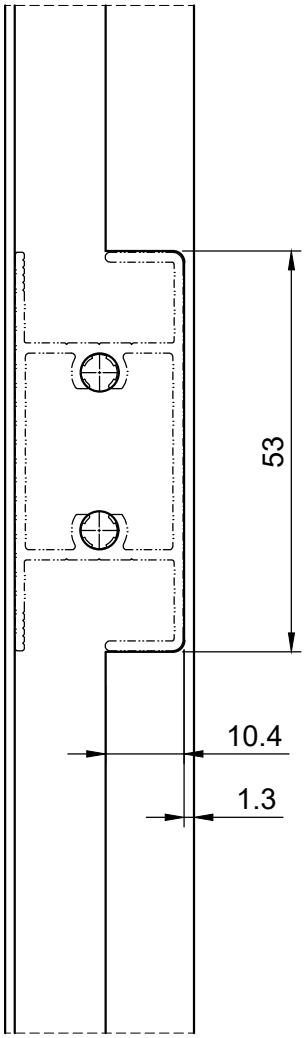
APLICAÇÕES	
	ALG-963

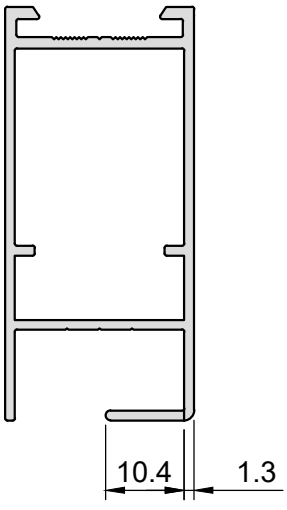
Perfil:

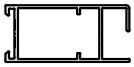
USI 22 ALG-963

ESCALA 1:1

Usinagem do montante Passagem das travessas





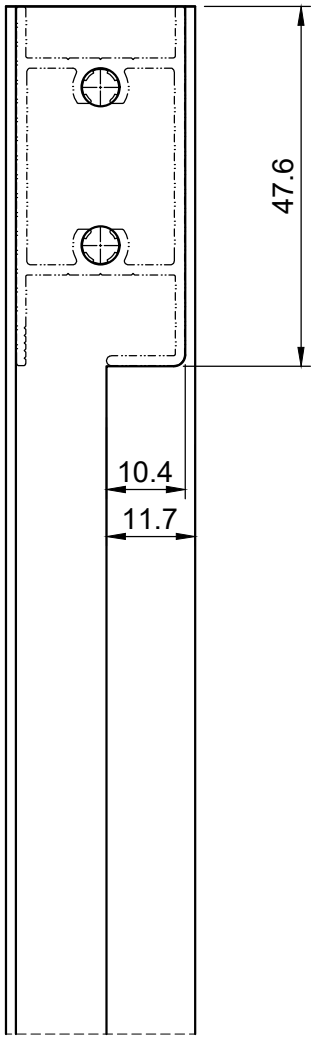
APLICAÇÕES	
	ALG-963

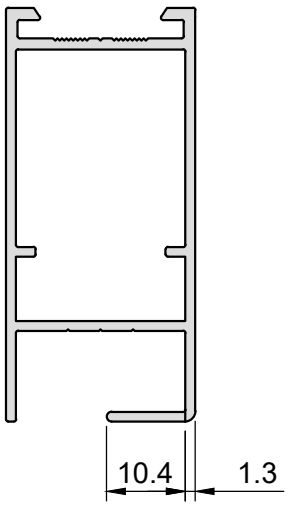
Perfil:

USI 23 ALG-963

ESCALA 1:1

Usinagem do montante Passagem das travessas





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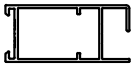
	ALG-963

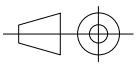
Perfil:

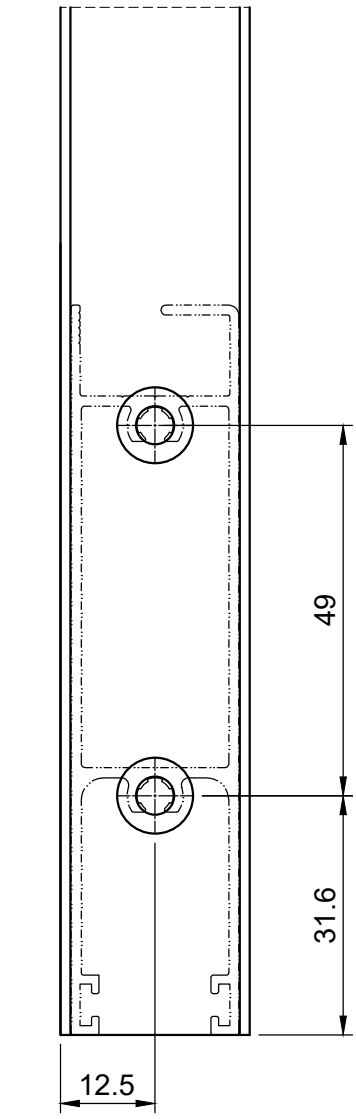
ALG-963

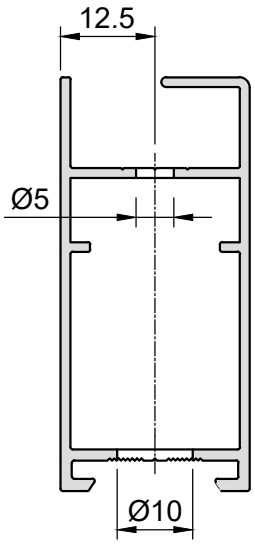
USI 24

ESCALA 1:1

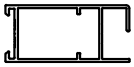
Usinagem do montante Fixação das travessas







APLICAÇÕES



ALG-963

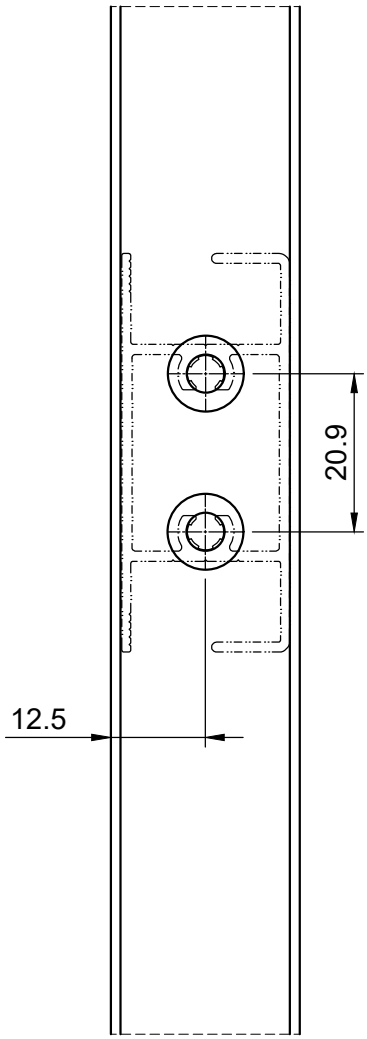
Perfil:

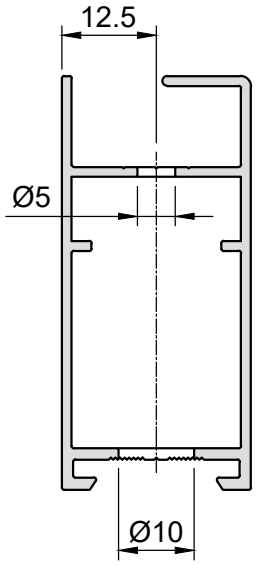
ALG-963

USI 25

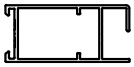
ESCALA 1:1

Usinagem do montante Fixação das travessas





APLICAÇÕES



ALG-963

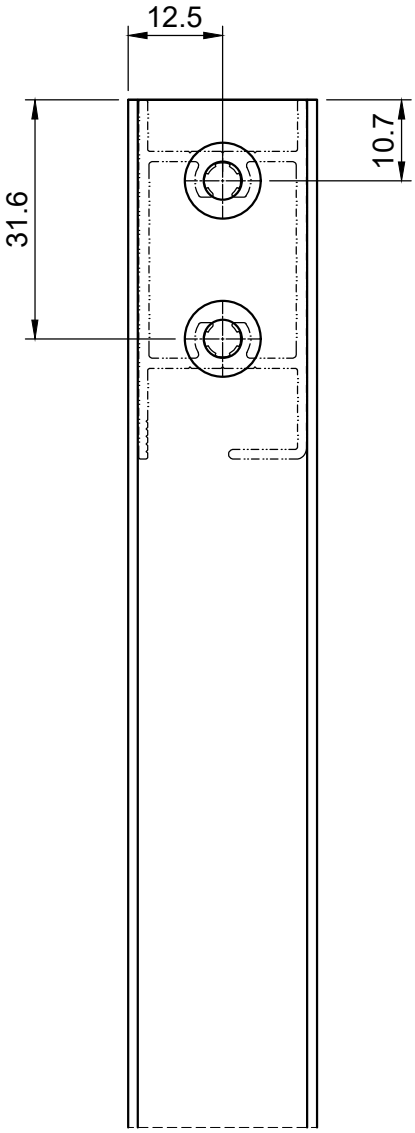
Perfil:

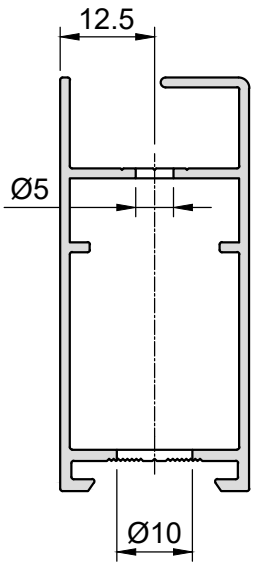
ALG-963

USI 26

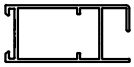
ESCALA 1:1

Usinagem do montante Fixação das travessas





APLICAÇÕES



ALG-963

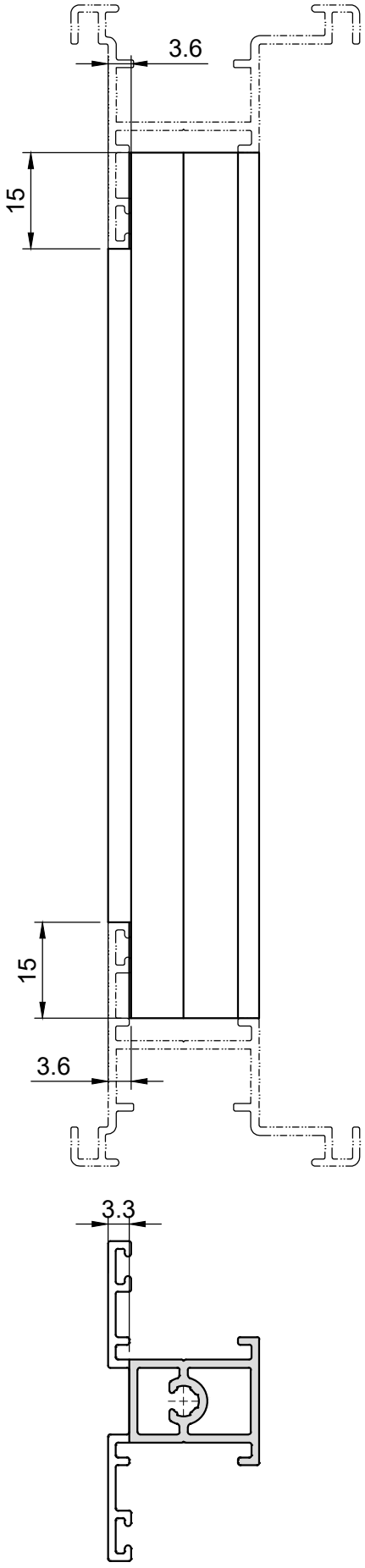
Perfil:

ALG-898

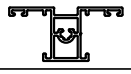
USI 27

ESCALA 1:1

Usinagem da travessa Fixação nos marcos



APLICAÇÕES



ALG-898

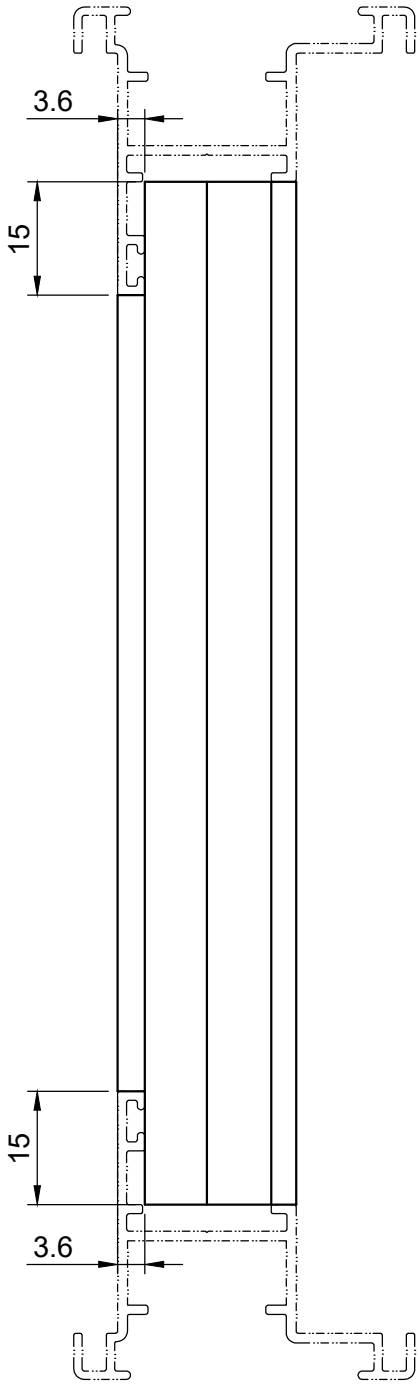
Perfil:

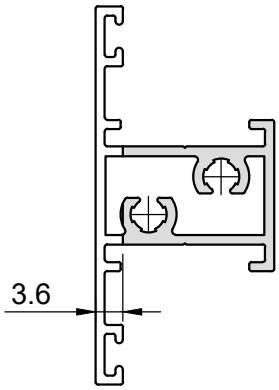
ALG-963

USI 28

ESCALA 1:1

Usinagem da travessa Fixação nos marcos





APLICAÇÕES

ALG-936

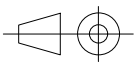
Perfil:

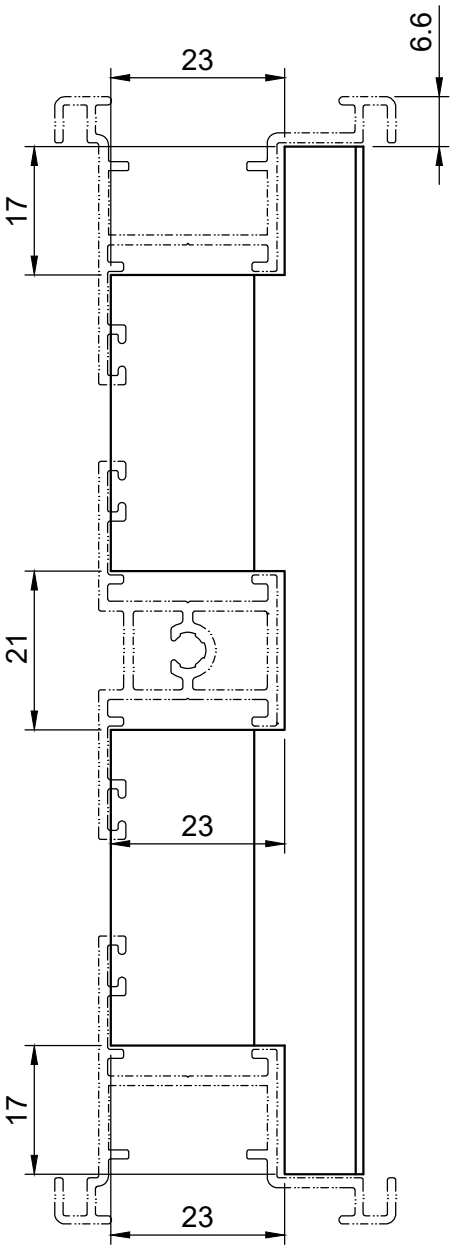
USI 29

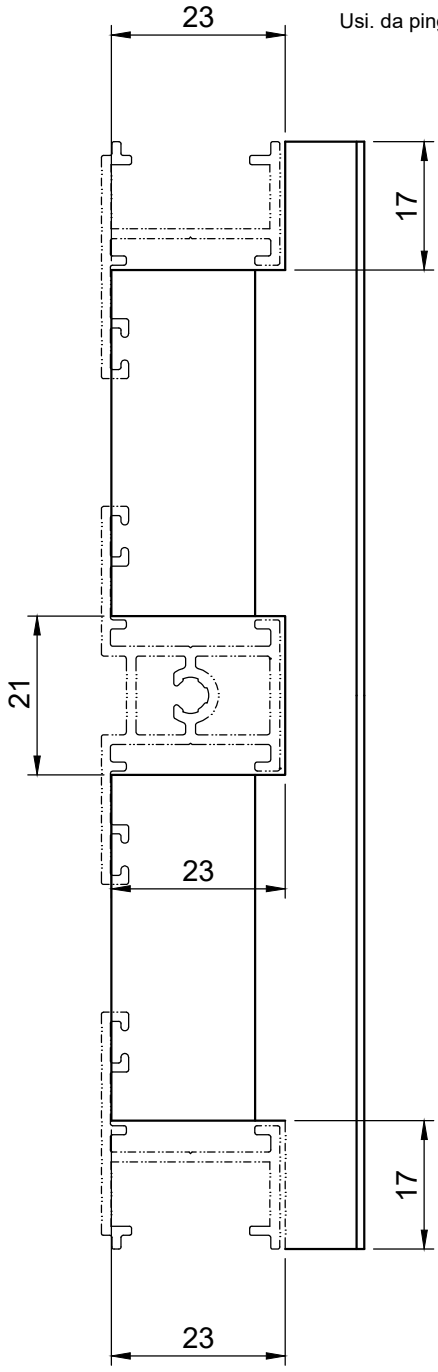
ALG-943

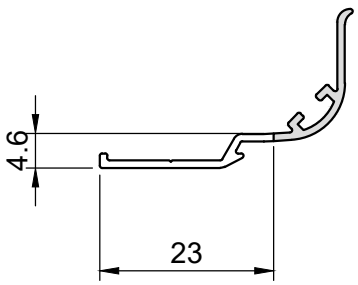
ESCALA 1:1

Usi. da pingadeira Passagem dos marcos e travessas









APLICAÇÕES	
	ALG-943

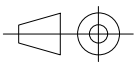
Perfil:

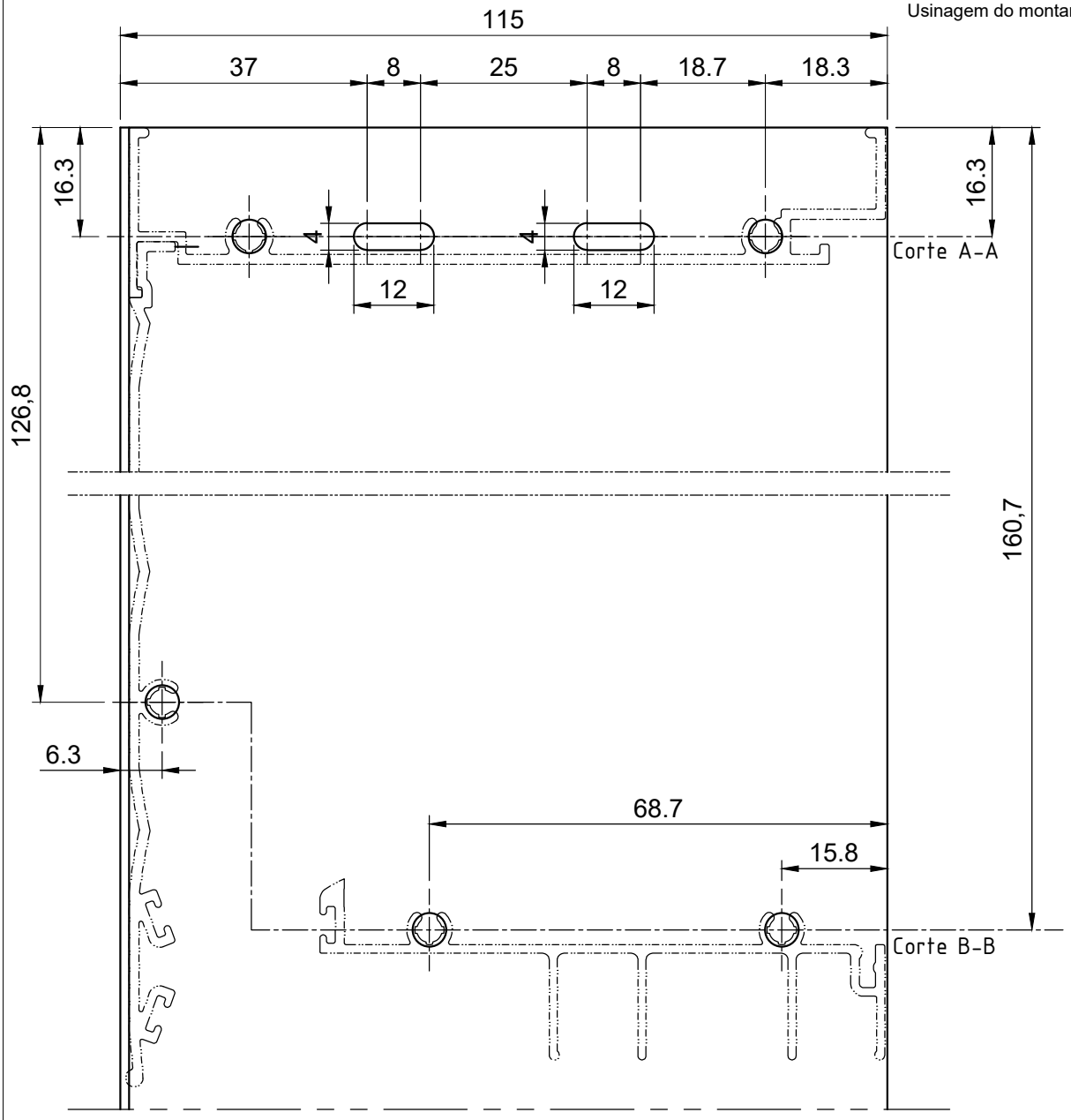
ALG-1000

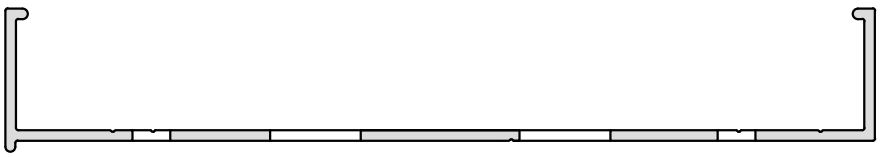
USI 31

ESCALA 1:1

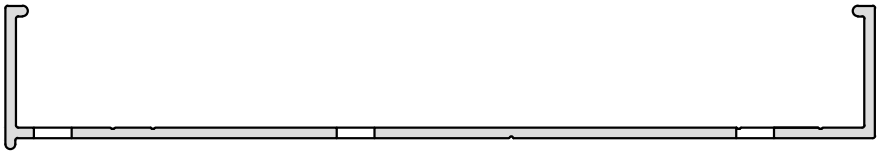
Usinagem do montante Passagem do marco







Corte A-A



Corte B-B

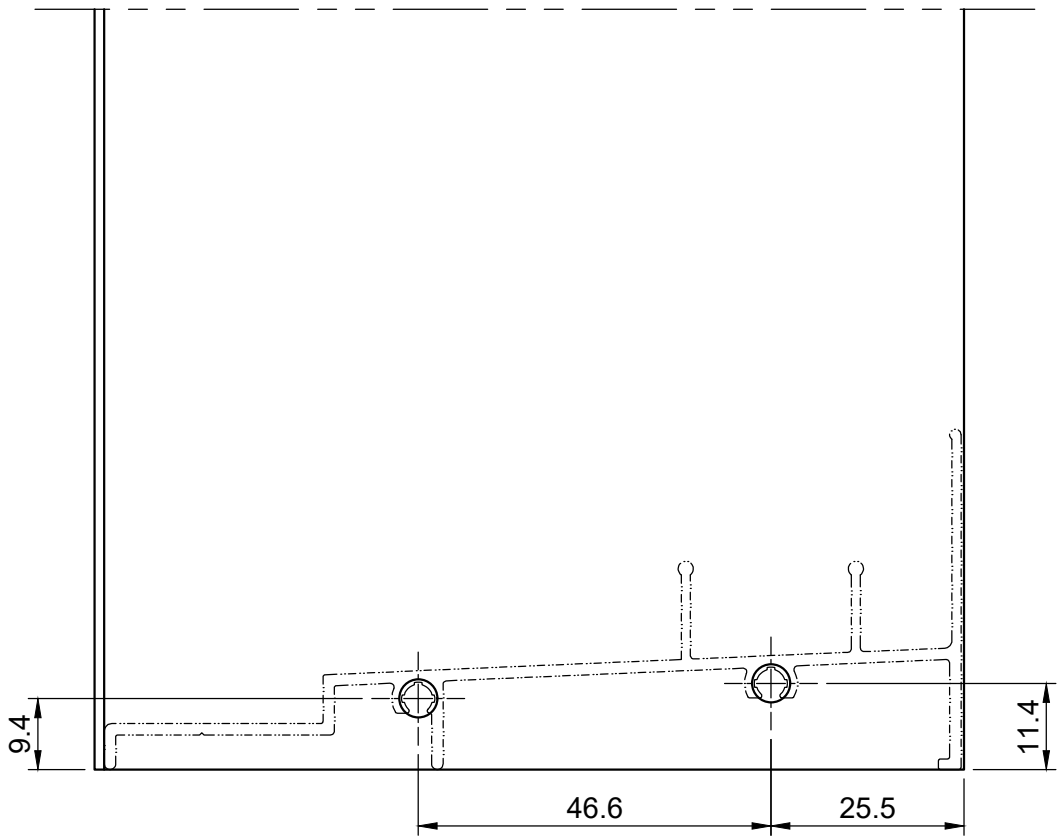
APLICAÇÕES	
	ALG-1000

Perfil:

USI 32 ALG-1000

ESCALA 1:1

Usinagem do montante Passagem do marco



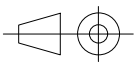
APLICAÇÕES	
	ALG-1000

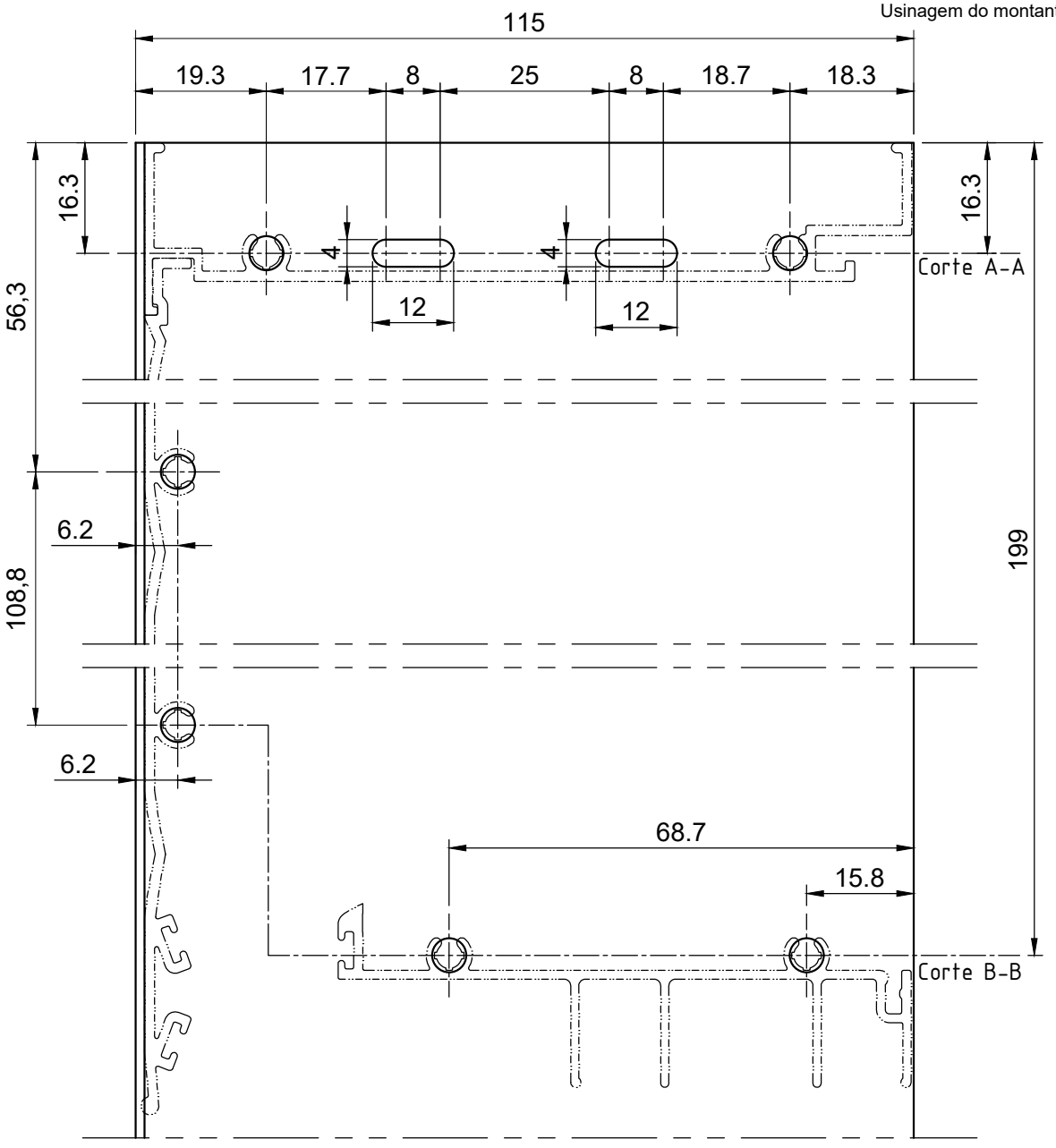
Perfil:

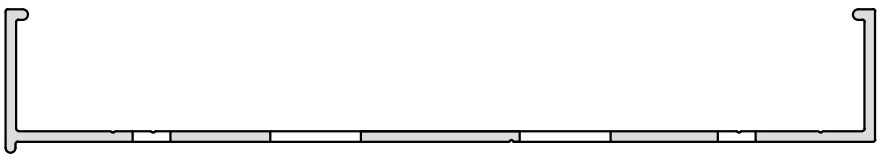
USI 33 ALG-1000

ESCALA 1:1

Usinagem do montante Passagem do marco







Corte A-A

Corte B-B

APLICAÇÕES

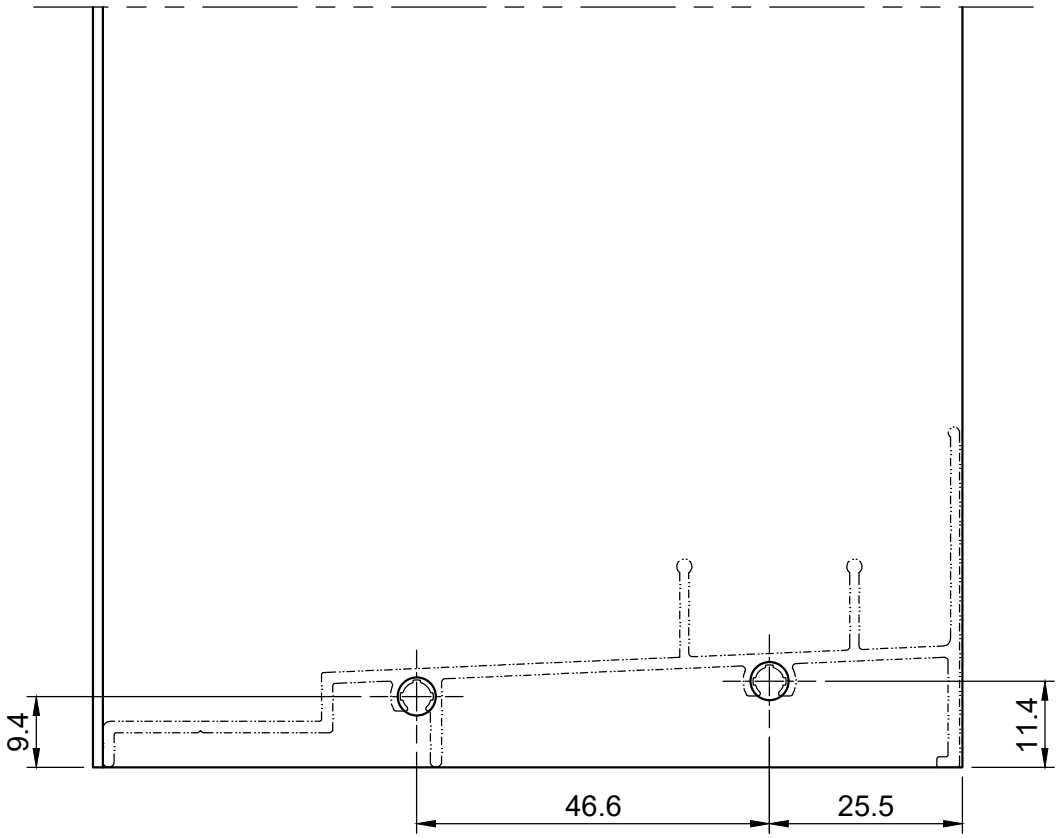
	ALG-1000

Perfil:

USI 34 ALG-1000

ESCALA 1:1

Usinagem do montante Passagem do marco



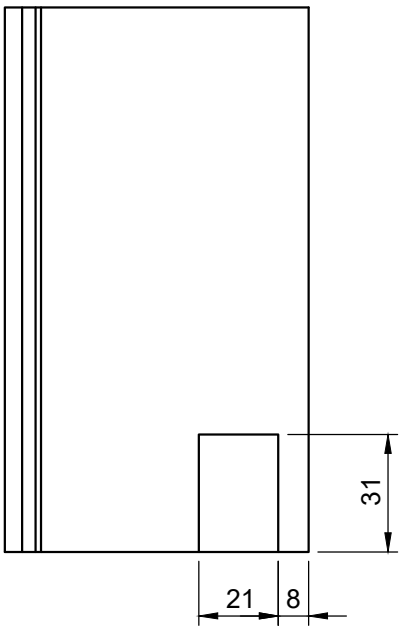
APLICAÇÕES	
	ALG-1000

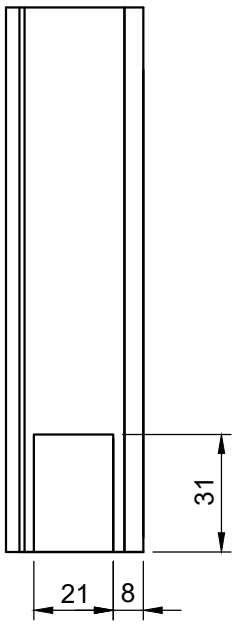
Perfil:
USI 35

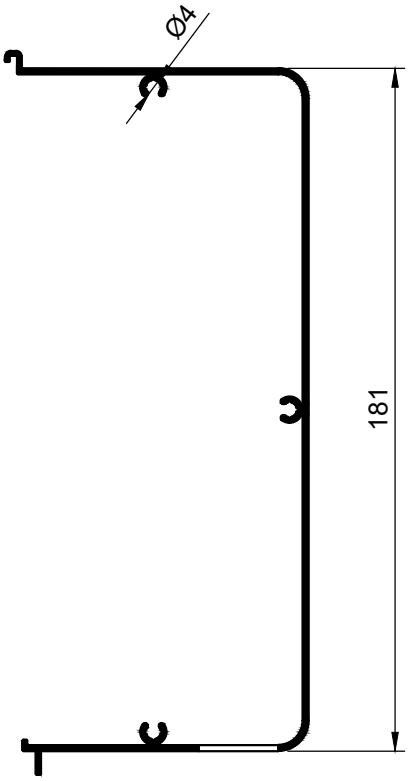
ALG-1041
ALG-1042

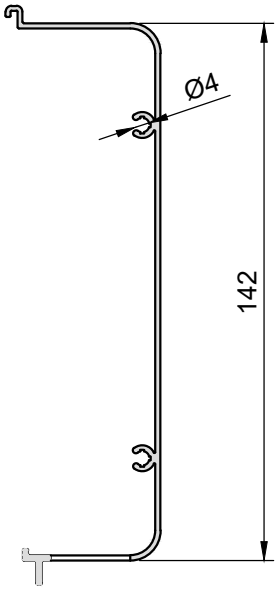
ESCALA 1:1

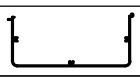
Usinagem da tampa da persiana Guia da cinta









APLICAÇÕES	
	ALG-1041
	ALG-1042

* USINAGEM PODE MUDAR DEPENDENDO DO FORNECEDOR DO COMPONENTE. VERIFICAR FICHA TÉCNICA DO FORNECEDOR.

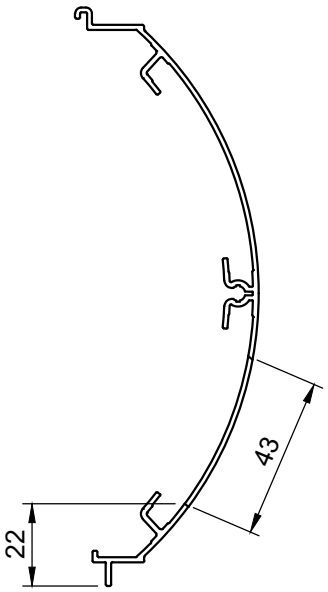
Perfil:

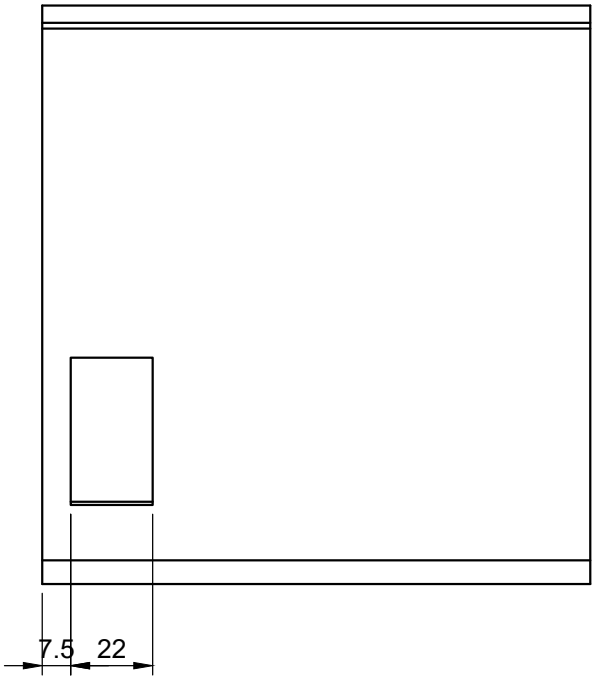
USI 36

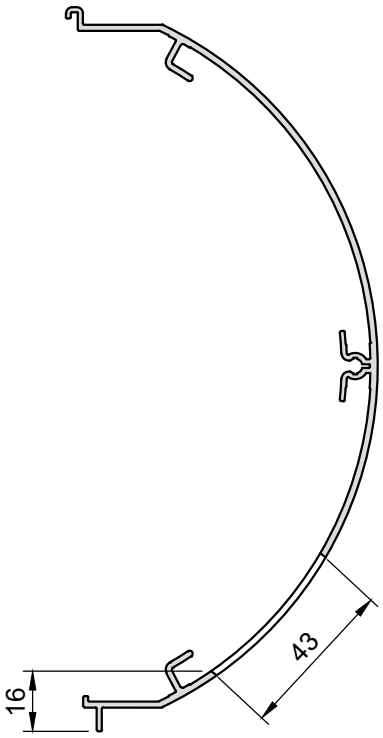
ALG-1006
ALG-1009

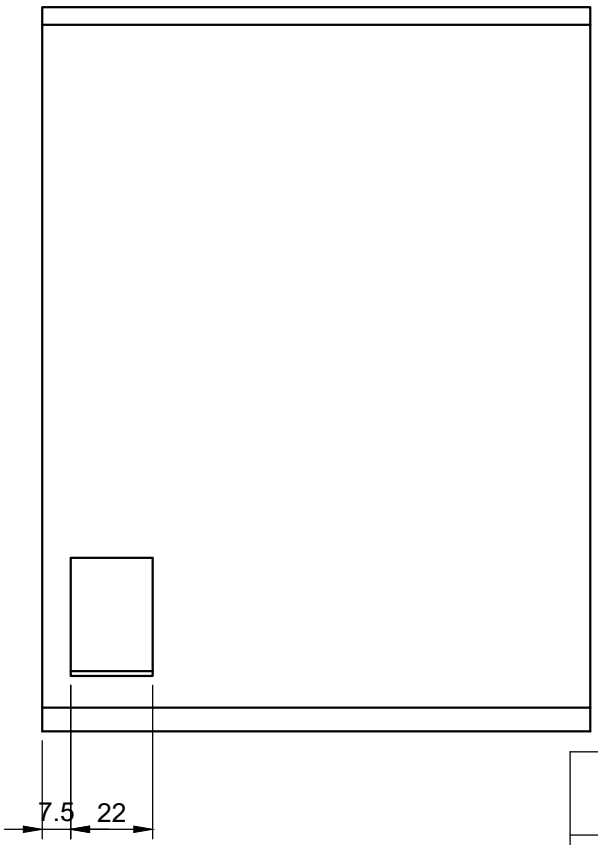
ESCALA 1:1

Usinagem da tampa da persiana Guia da cinta









APLICAÇÕES	
	ALG-1006
	ALG-1009

* USINAGEM PODE MUDAR DEPENDENDO DO FORNECEDOR DO COMPONENTE. VERIFICAR FICHA TÉCNICA DO FORNECEDOR.

Perfil:

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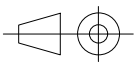
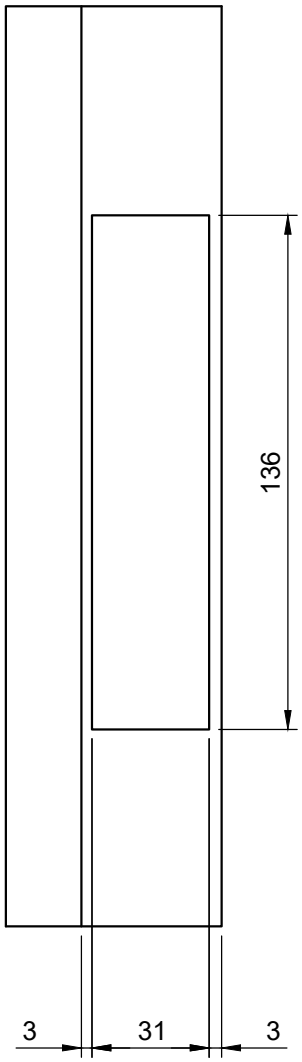
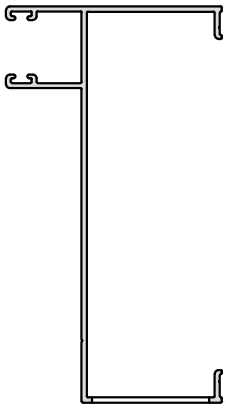
ESCALA 1:2

Usinagem da tampa da persiana Guia da cinta







* USINAGEM PODE MUDAR DEPENDENDO DO FORNECEDOR DO COMPONENTE. VERIFICAR FICHA TÉCNICA DO FORNECEDOR.

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