

linha



Gold®





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códigos e sistemas, estão sujeitos
a alterações sem prévio aviso.
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encontradas nos Boletins Técnicos
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www.alcoa.com.br

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faleconosco@alcoa.com.br

Catálogo Técnico Linha Gold GMPE 038 ABR 08



**ALUMÍNIO & CIA.
CERTEZA DE PRODUTO
ORIGINAL**

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Além de contar com preços diferenciados, os clientes da Alumínio & Cia. ficam por dentro dos lançamentos do mercado.

Cada unidade possui técnicos especializados, salas de projetos e uma grande área de exposição.

Realize seu projeto com quem mais entende de alumínio.

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**LINHA IV GOLD.
PERFEITA PARA GRANDES
VÃOS.**

- Componentes exclusivos garantem suavidade e praticidade ao conjunto.
- Possibilidade de instalação de vidros duplos, reduz a transmissão de calor e ruídos.
- Excelente comportamento estrutural.
- Deslizamento suave.
- Excelentes resultados em isolamento acústico.





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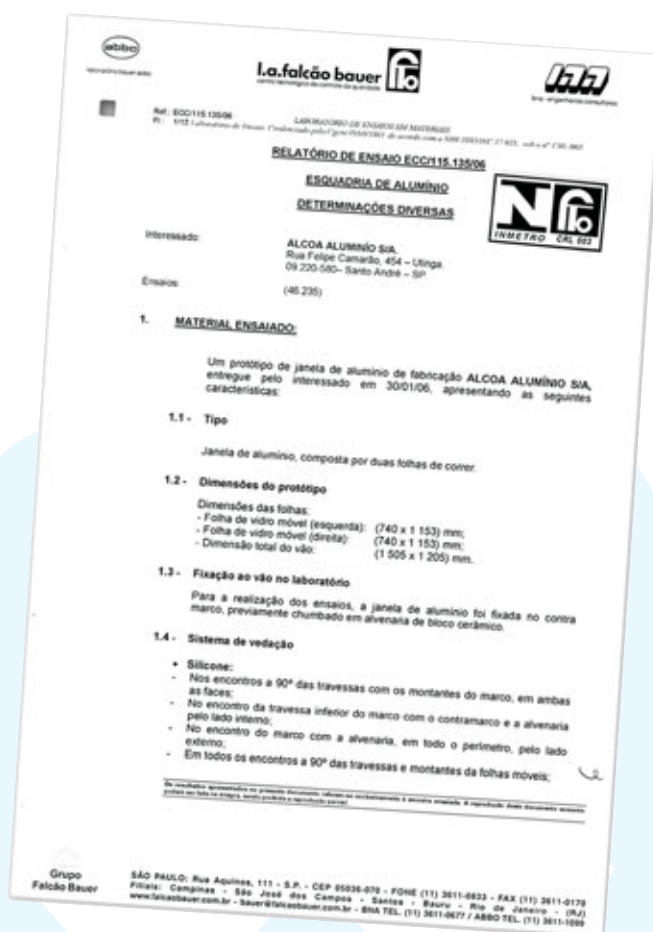
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ALCOA



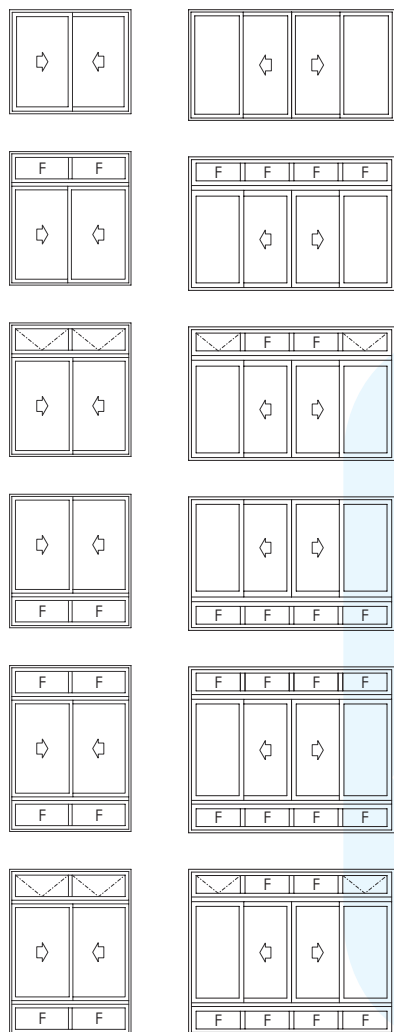
Tipologia	Número do Certificado	Ensaio Realizado	Laboratório
Janela de correr 2 folhas	ECC - 131094/07 ECC - 129736/07	Estanqueidade a água, ar e Deformação Esforços de uso	Falcão Bauer Falcão Bauer
Janela de correr 3 folhas Veneziana	ECC - 134022/07	Esforços de uso	Falcão Bauer
Janela de correr 4 folhas	ECC - 132414/07 ECC - 134021/07	Estanqueidade a água, ar e Deformação Esforços de uso	Falcão Bauer Falcão Bauer
Janela de correr 6 folhas Veneziana	ECC - 132411/07 ECC - 132412/07	Estanqueidade a água, ar e Deformação Esforços de uso	Falcão Bauer Falcão Bauer
Janela Maxim-ar	ECC - 75892/04 ECC - 76353/04	Estanqueidade a água, ar e Deformação Esforços de uso	Falcão Bauer Falcão Bauer
Porta de correr 2 folhas	ECC - 130550/06 ECC - 129736/07	Estanqueidade a água, ar e Deformação Esforços de uso	Falcão Bauer Falcão Bauer

NBR6485 - Verificação da Penetração de Ar
 NBR6486 - Verificação da Estanqueidade à Água
 NBR6487 - Comportamento sob Cargas Uniformemente Distribuídas
 NBR10821 - Verificação da Resistência às Operações de Manuseio

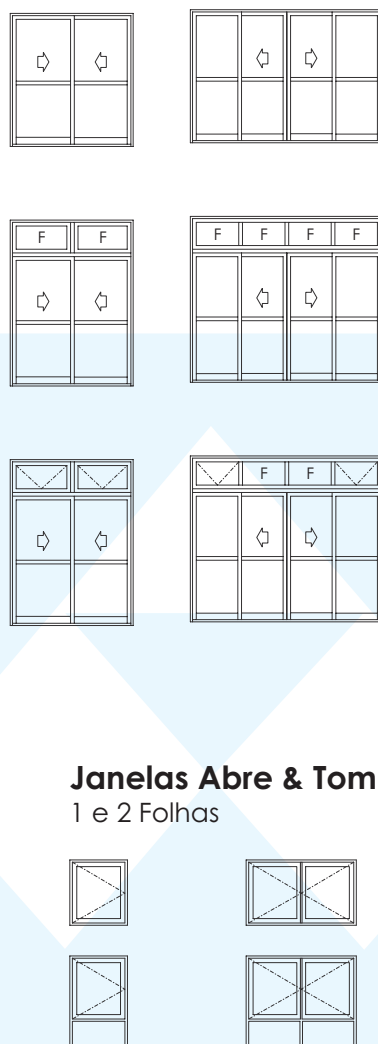
Os Relatórios de Ensaio completos encontram-se em
www.alcoa.com.br/gold e www.aluminioecia.com.br

Janelas de Correr

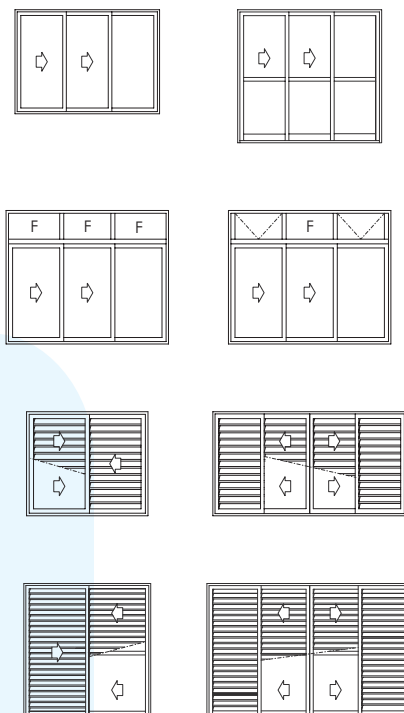
2 Planos - 2 e 4 Folhas

**Portas de Correr**

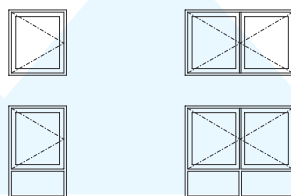
2 Planos - 2 e 4 Folhas

**Janelas e Portas de Correr**

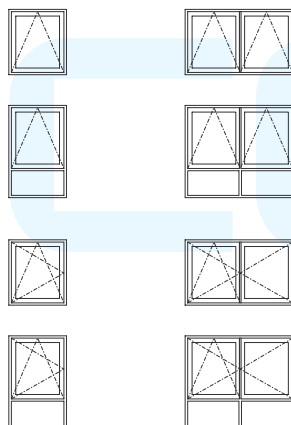
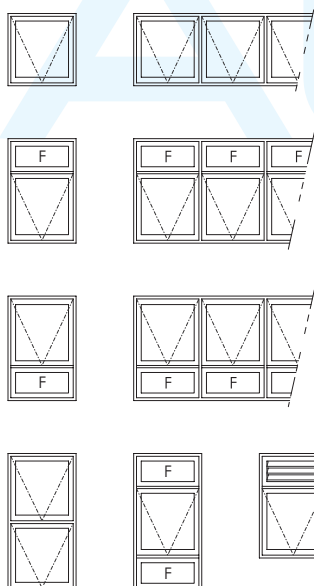
3 Planos - 3 e 6 Folhas

**Janelas Abre & Tomba**

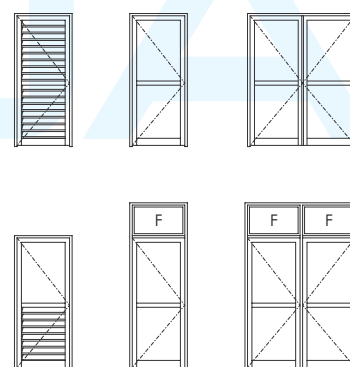
1 e 2 Folhas

**Janela e Porta Integradas****Janelas Maxim-ar**

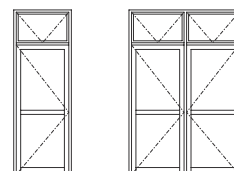
1 e Múltiplas Folhas

**Portas de Giro**

1 e 2 Folhas

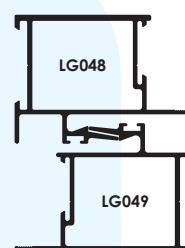
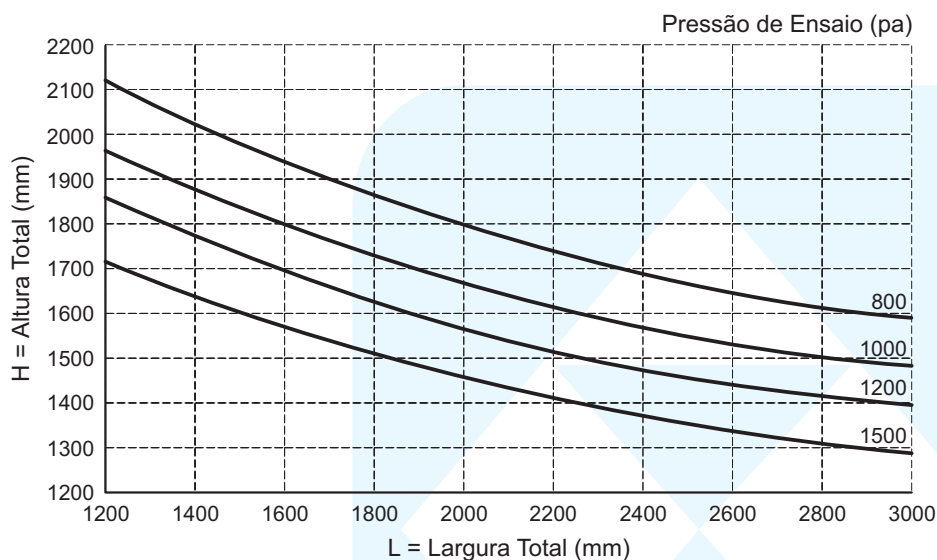
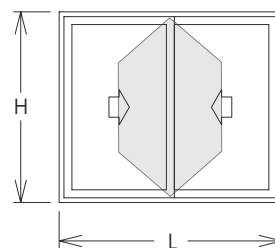
**Quadros Fixos****Portinholas de Giro**

1 e 2 Folhas



Janela de Correr 2 folhas

Liga 6060 T5



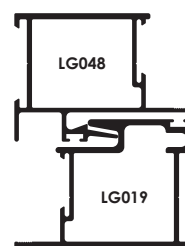
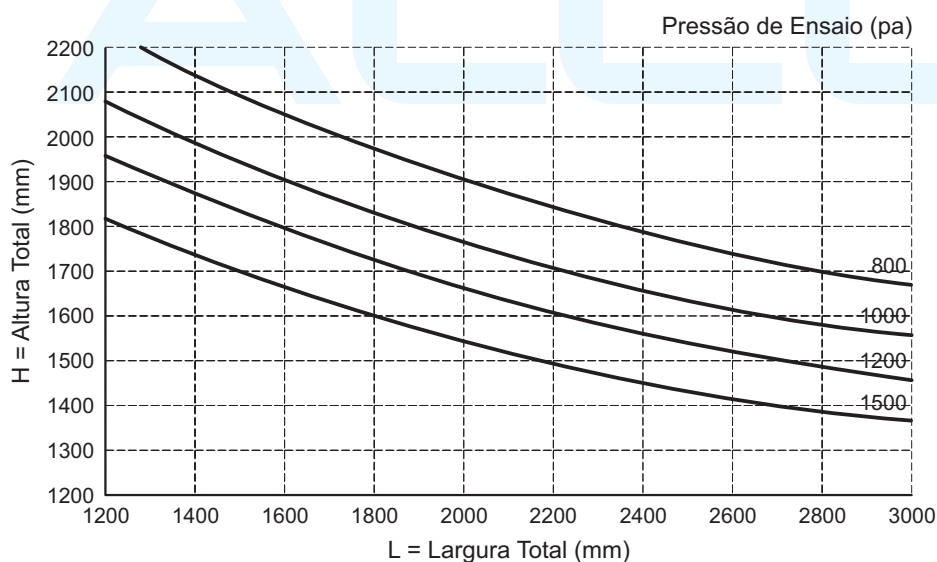
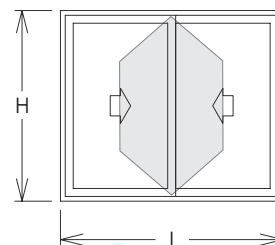
Área = 357 mm²
Jx = 77461 mm⁴
Wx = 3588 mm³

Área = 335 mm²
Jx = 73331 mm⁴
Wx = 3305 mm³

J total = 150792 mm⁴

Janela de Correr 2 folhas

Liga 6060 T5



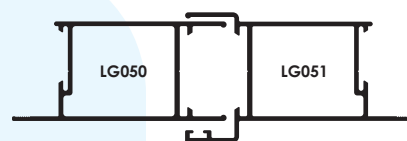
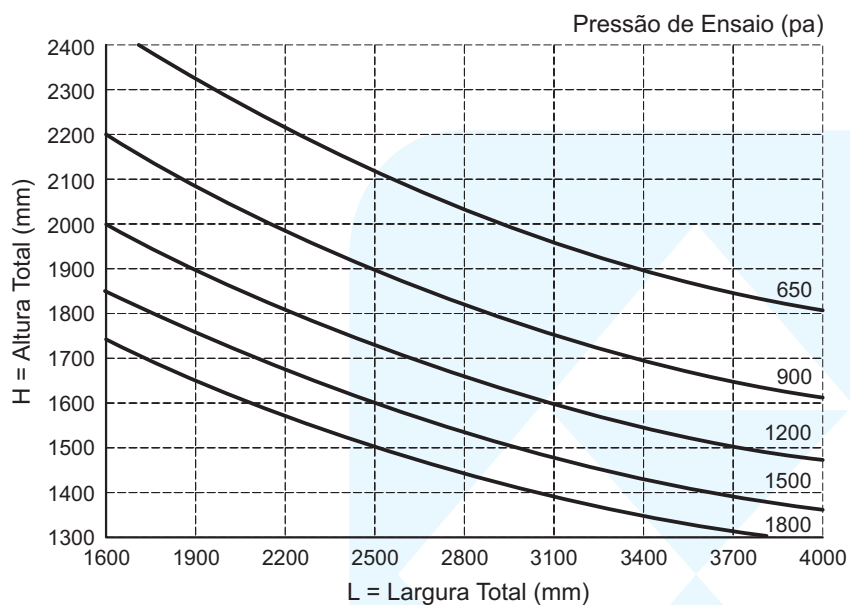
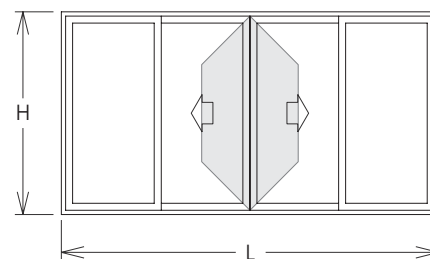
Área = 357 mm²
Jx = 77461 mm⁴
Wx = 3588 mm³

Área = 398 mm²
Jx = 101970 mm⁴
Wx = 4821 mm³

J total = 179431 mm⁴

Janela de Correr 4 folhas

Liga 6060 T5



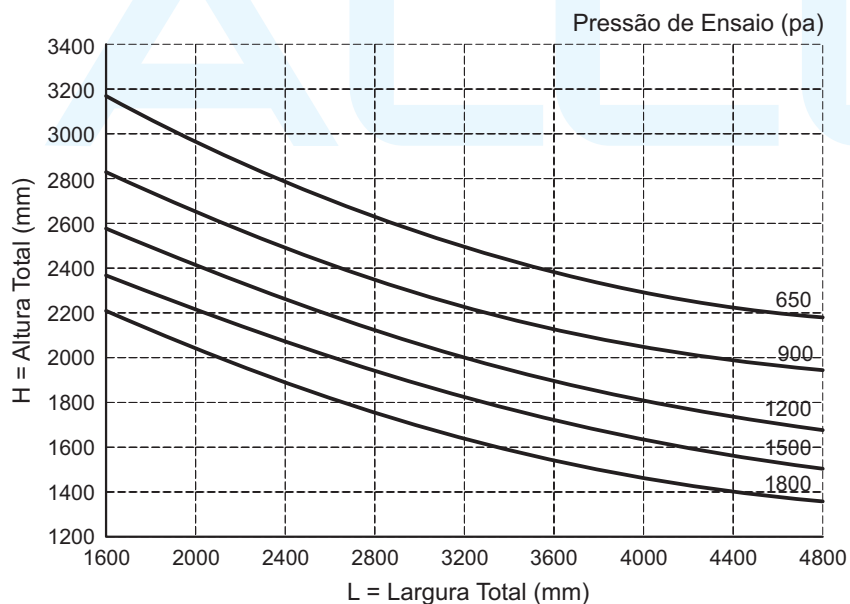
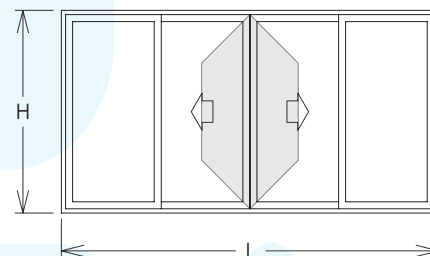
Área = 302 mm²
Jx = 52290 mm⁴
Wx = 3069 mm³

Área = 339 mm²
Jx = 71563 mm⁴
Wx = 3384 mm³

J total = 123853 mm⁴

Janela de Correr 4 folhas

Liga 6060 T5



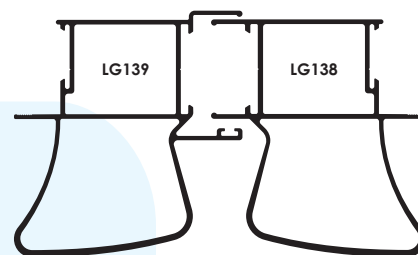
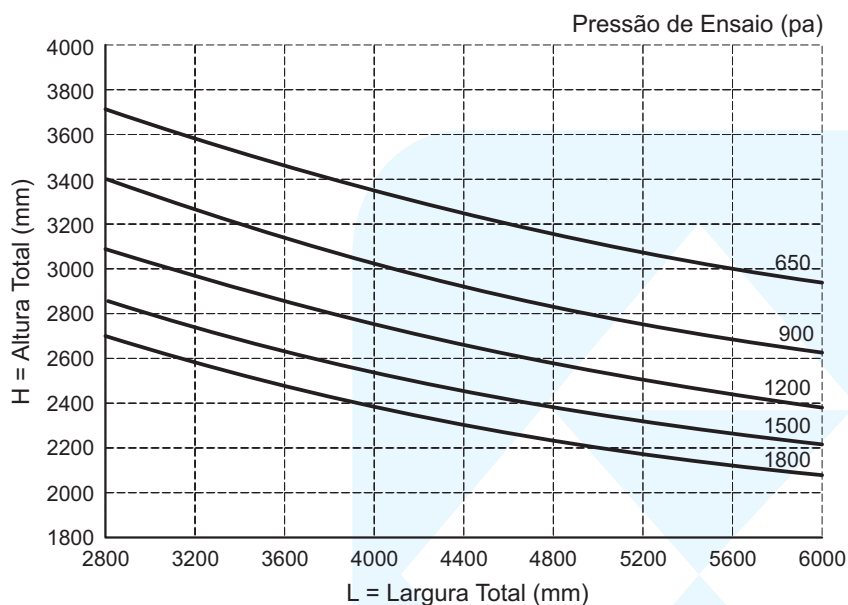
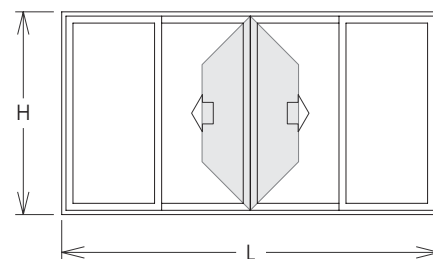
Área = 372 mm²
Jx = 121590 mm⁴
Wx = 3270 mm³

Área = 412 mm²
Jx = 147745 mm⁴
Wx = 3813 mm³

J total = 269335 mm⁴

Janela de Correr 4 folhas**Reforços externos**

Liga 6060 T5



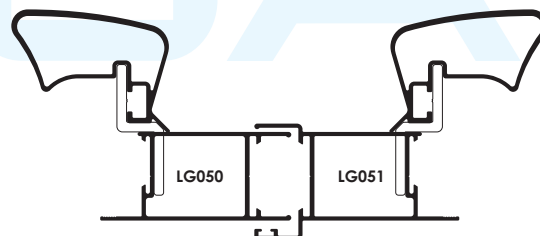
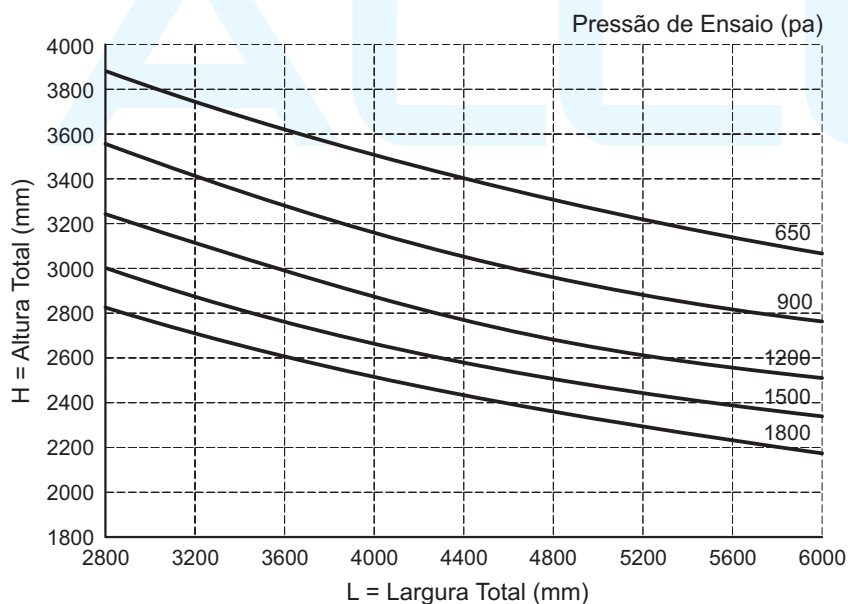
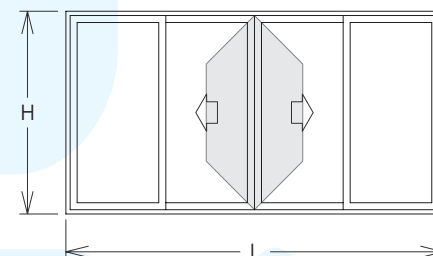
Área = 593 mm²
Jx = 406962 mm⁴
Wx = 10398 mm³

Área = 560 mm²
Jx = 388486 mm⁴
Wx = 10020 mm³

J total = 795448 mm⁴

Janela de Correr 4 folhas

Liga 6060 T5



Área = 648 mm²
Jx = 429605 mm⁴
Wx = 11072 mm³

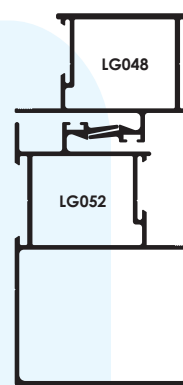
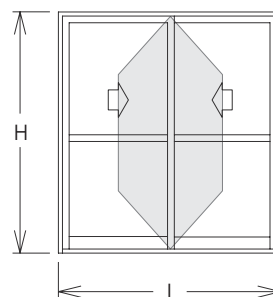
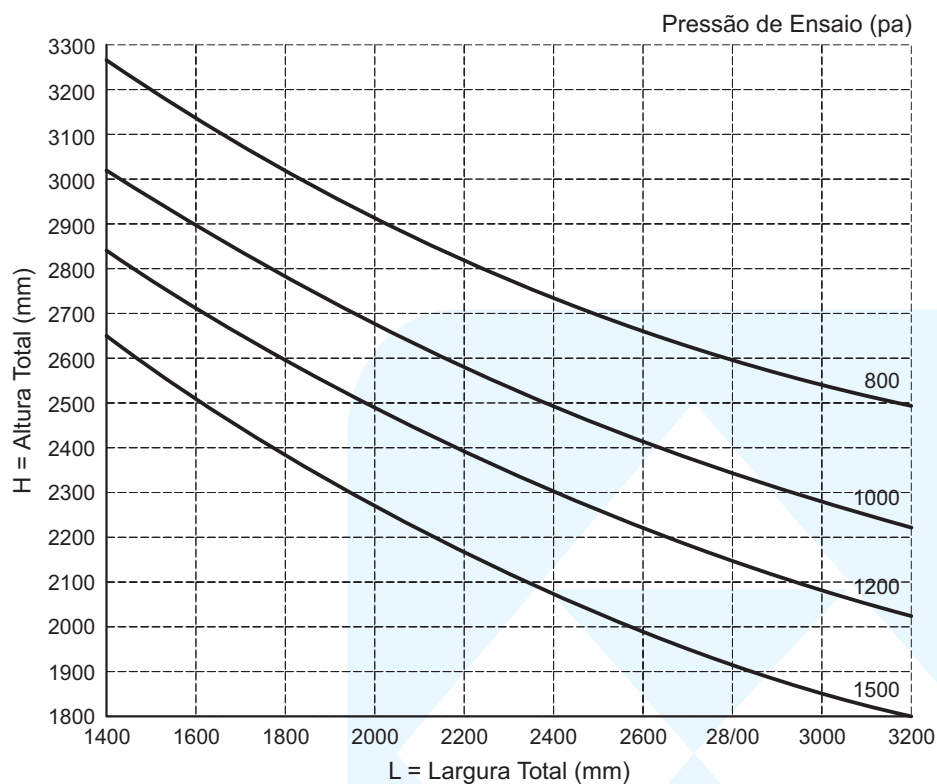
Área = 648 mm²
Jx = 485204 mm⁴
Wx = 11083 mm³

J total = 914809 mm⁴

Porta de Correr 2 folhas Reforço externo

Liga 6060 T5

OBS : FOLHAS ACIMA DE 70 kg, USAR ROLDANA REFORÇADA



Área = 357 mm²
Jx = 77523 mm⁴
Wx = 3592 mm³

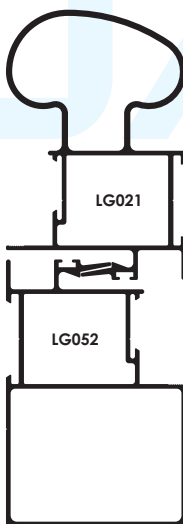
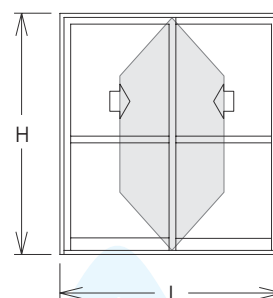
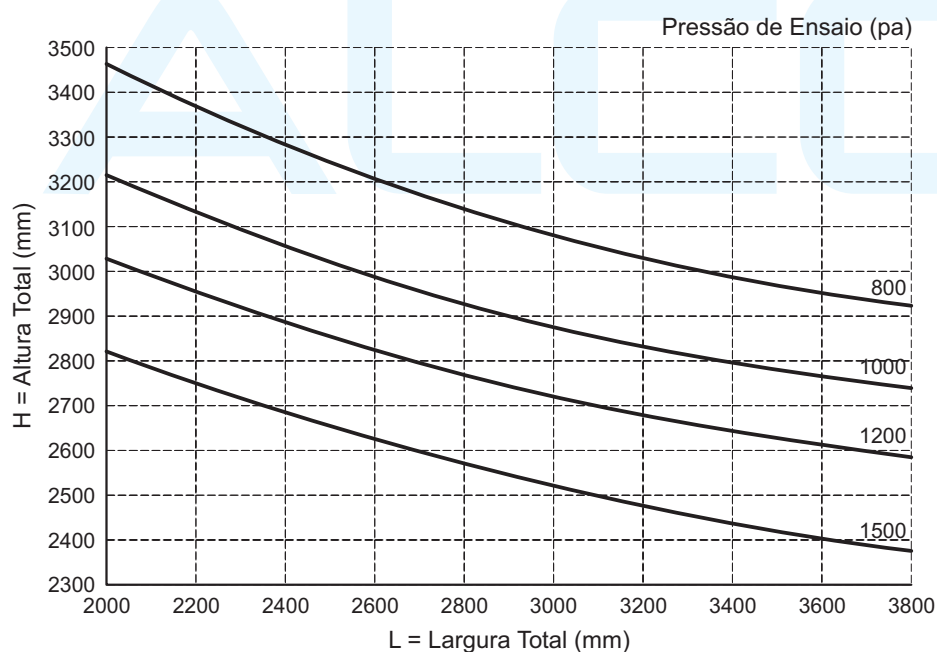
Área = 615 mm²
Jx = 558678 mm⁴
Wx = 12069 mm³

J total = 636201 mm⁴

Porta de Correr 2 folhas Reforços interno/externo

Liga 6060 T5

OBS : FOLHAS ACIMA DE 70 kg, USAR ROLDANA REFORÇADA



Área = 639 mm²
Jx = 475344 mm⁴
Wx = 10708 mm³

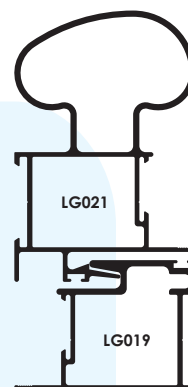
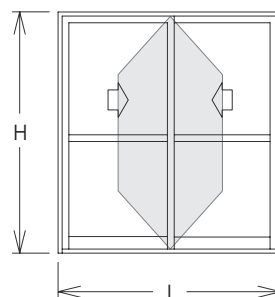
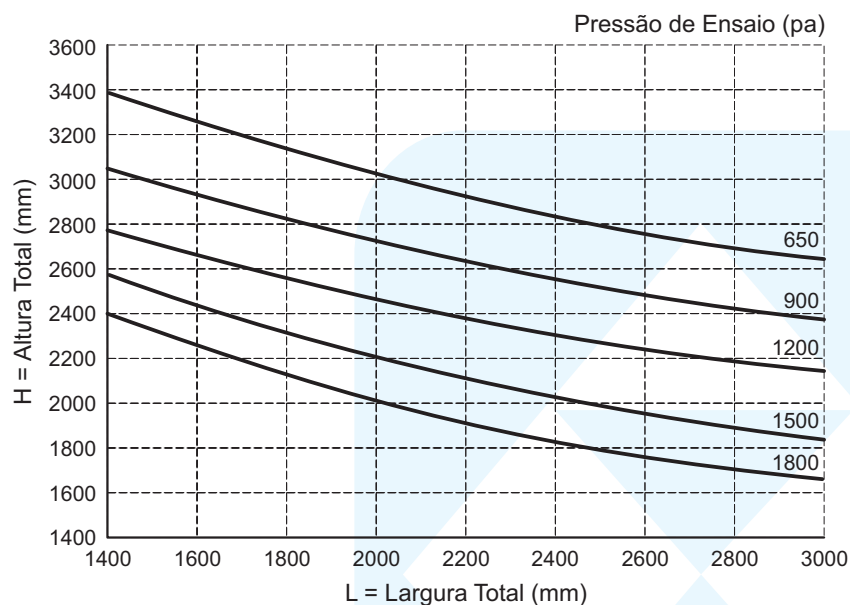
Área = 615 mm²
Jx = 558678 mm⁴
Wx = 12069 mm³

J total = 1034022 mm⁴

Porta de Correr 2 folhas Reforço interno

Liga 6060 T5

OBS : FOLHAS ACIMA DE 70 kg, USAR ROLDANA REFORÇADA



Área = 639 mm²
Jx = 475344 mm⁴
Wx = 10708 mm³

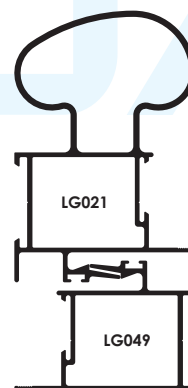
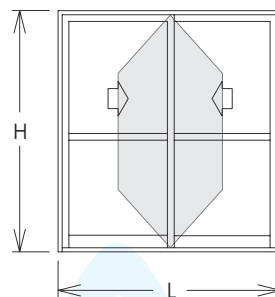
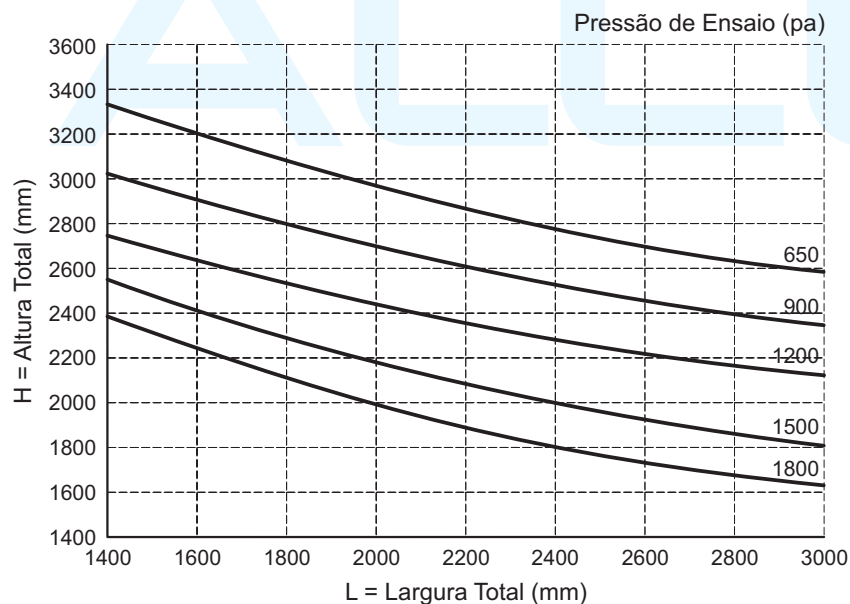
Área = 398 mm²
Jx = 101970 mm⁴
Wx = 4821 mm³

J total = 577314 mm⁴

Porta de Correr 2 folhas Reforço interno

Liga 6060 T5

OBS : FOLHAS ACIMA DE 70 kg, USAR ROLDANA REFORÇADA



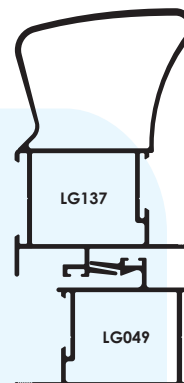
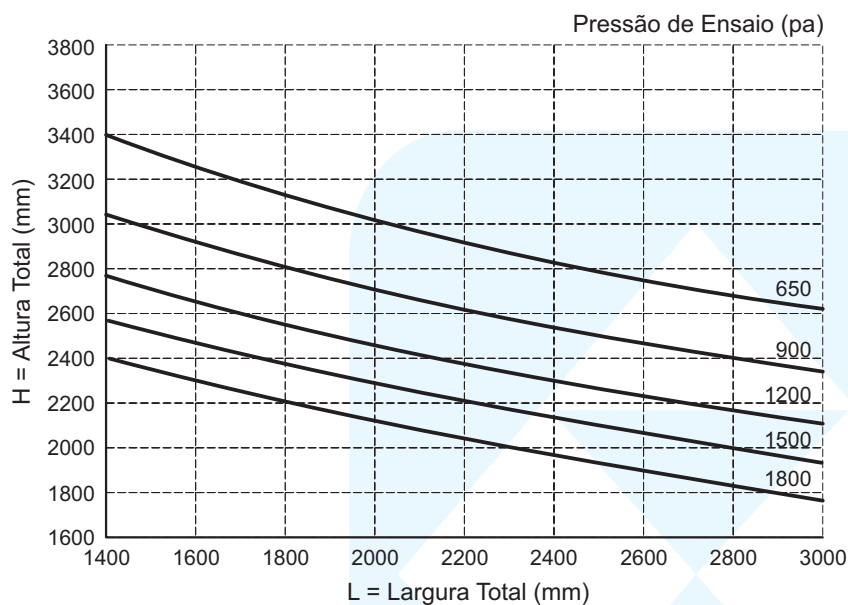
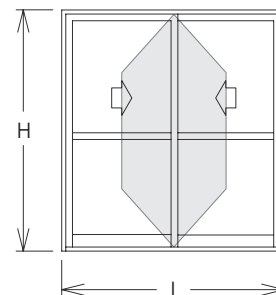
Área = 639 mm²
Jx = 475344 mm⁴
Wx = 10708 mm³

Área = 335 mm²
Jx = 73331 mm⁴
Wx = 3305 mm³

J total = 548675 mm⁴

Porta de Correr 2 folhas Reforços interno/externo

Liga 6060 T5



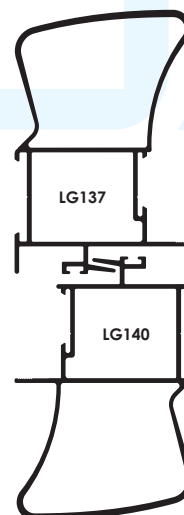
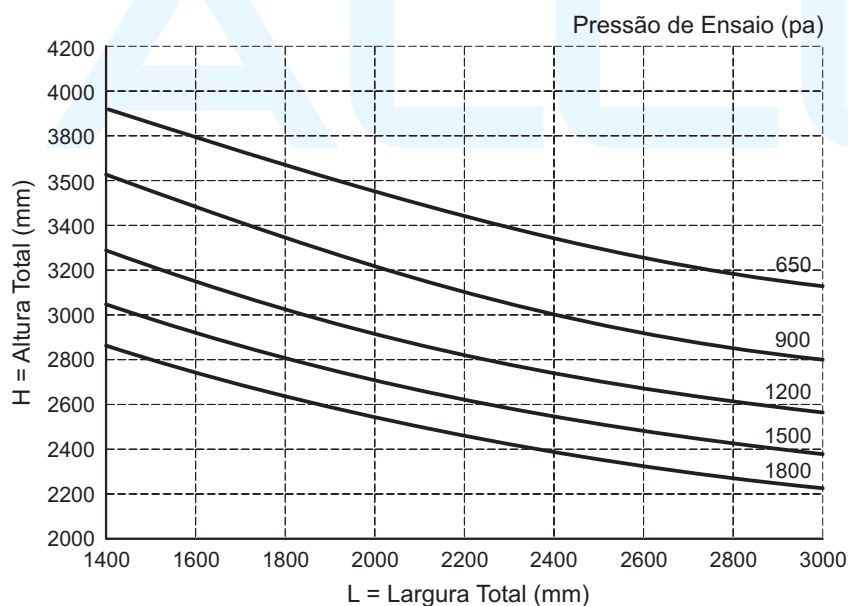
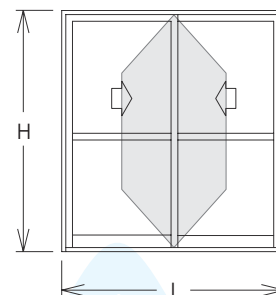
Área = 582 mm²
Jx = 494246 mm⁴
Wx = 11362 mm³

Área = 335 mm²
Jx = 73331 mm⁴
Wx = 3305 mm³

J total = 567577 mm⁴

Porta de Correr 2 folhas Reforços interno/externo

Liga 6060 T5



Área = 582 mm²
Jx = 494246 mm⁴
Wx = 11362 mm³

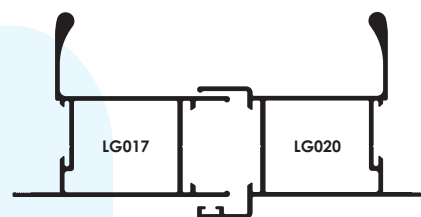
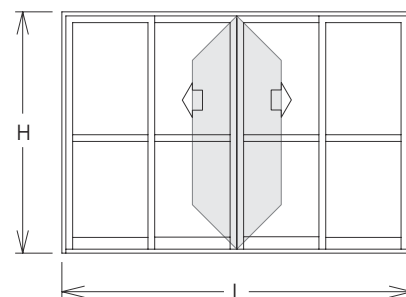
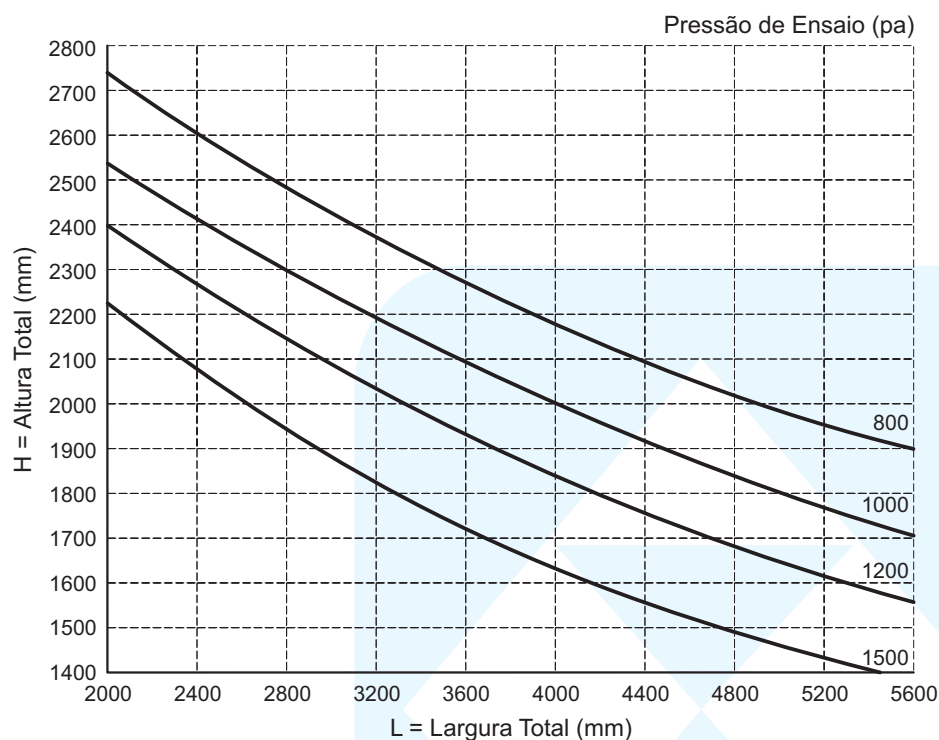
Área = 583 mm²
Jx = 469948 mm⁴
Wx = 10530 mm³

J total = 964194 mm⁴

Porta de Correr 4 folhas Reforço interno

Liga 6060 T5

OBS : FOLHAS ACIMA DE 70 kg, USAR ROLDANA REFORÇADA



Área = 372 mm²
Jx = 121590 mm⁴
Wx = 3270 mm³

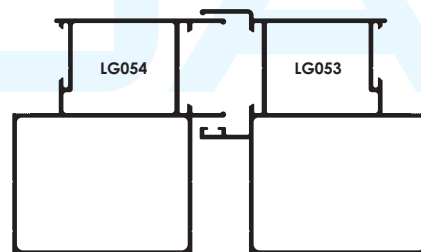
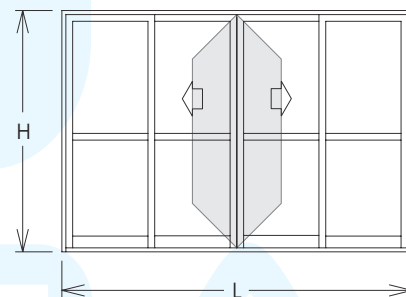
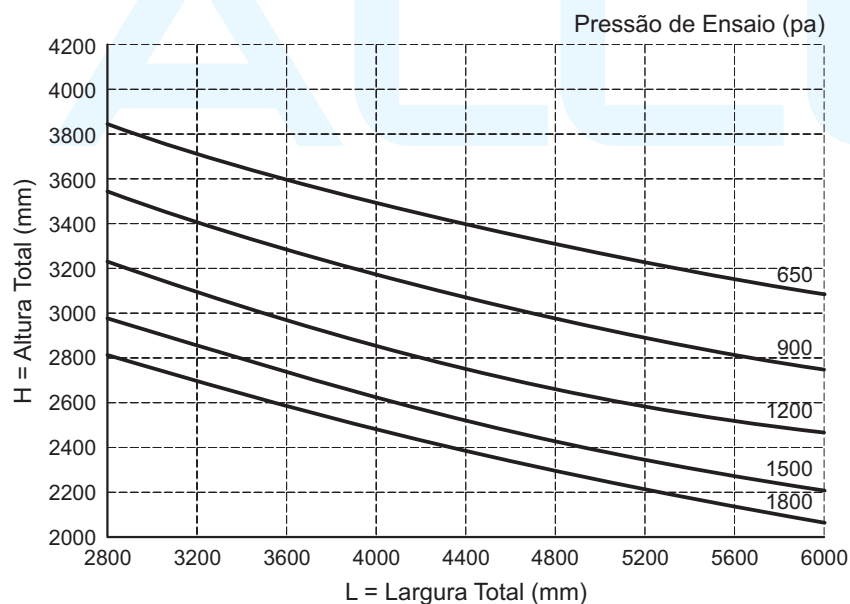
Área = 214 mm²
Jx = 147745 mm⁴
Wx = 3813 mm³

J total = 269335 mm⁴

Porta de Correr 4 folhas Reforço externo

Liga 6060 T5

OBS : FOLHAS ACIMA DE 70 kg, USAR ROLDANA REFORÇADA



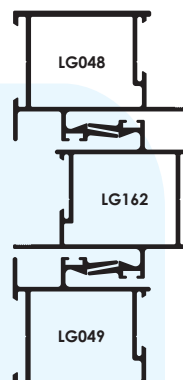
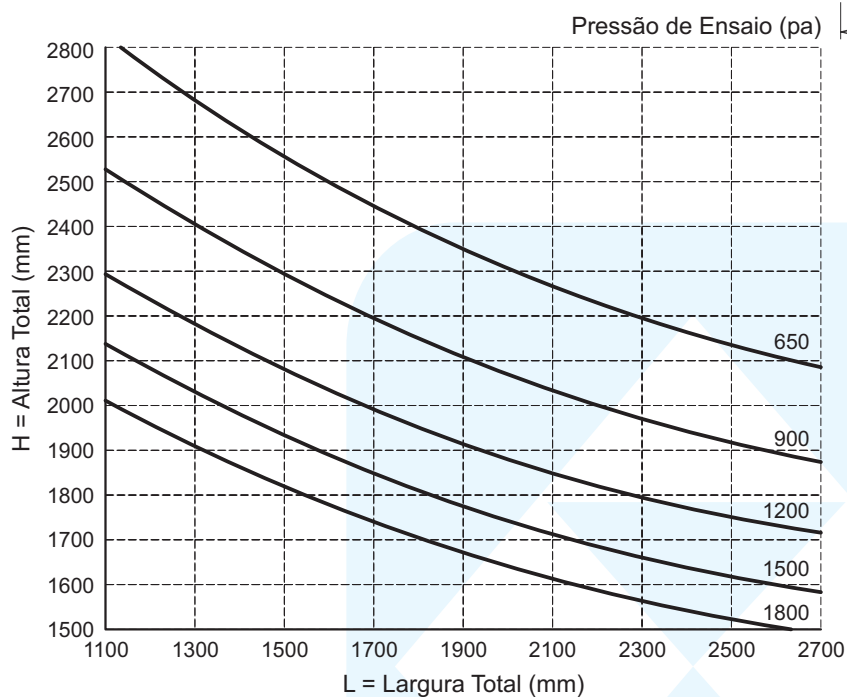
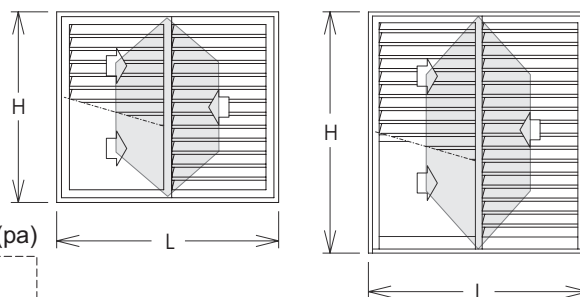
Área = 581 mm²
Jx = 449800 mm⁴
Wx = 11128 mm³

Área = 609 mm²
Jx = 471745 mm⁴
Wx = 11032 mm³

J total = 921545 mm⁴

Janela e Portade Correr 3 folhas veneziana

Liga 6060 T5



Área = 357 mm²
Jx = 77461 mm⁴
Wx = 3588 mm³

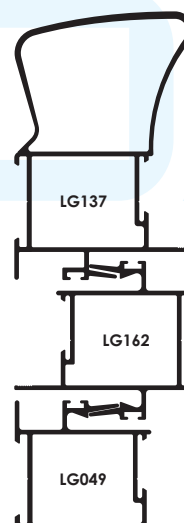
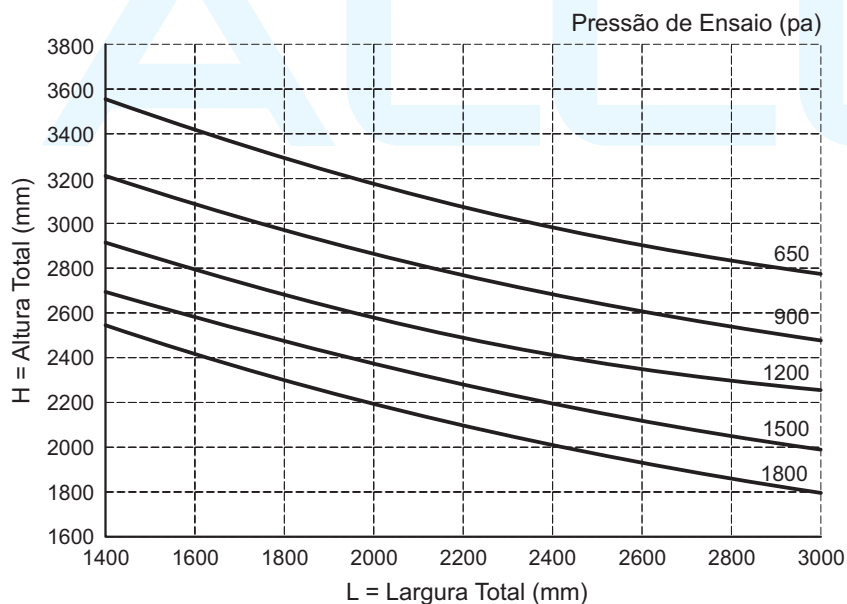
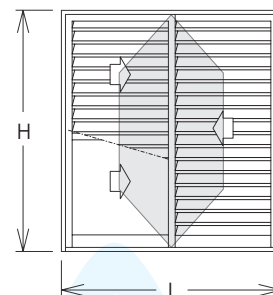
Área = 396 mm²
Jx = 109354 mm⁴
Wx = 4136 mm³

Área = 335 mm²
Jx = 73331 mm⁴
Wx = 3305 mm³

J total = 260146 mm⁴

Porta de Correr 3 folhas veneziana**Reforço interno**

Liga 6060 T5



Área = 582 mm²
Jx = 494246 mm⁴
Wx = 11362 mm³

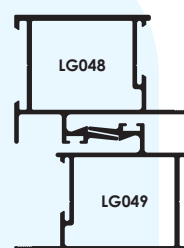
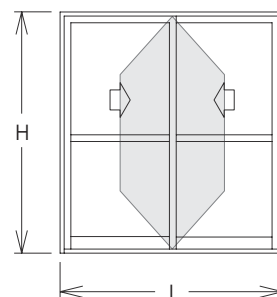
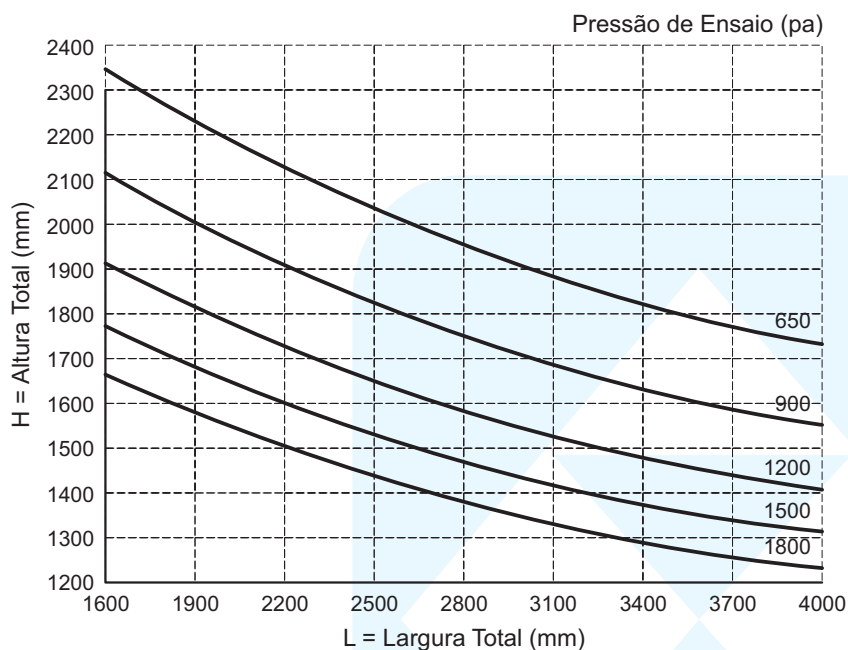
Área = 396 mm²
Jx = 109354 mm⁴
Wx = 4136 mm³

Área = 335 mm²
Jx = 73331 mm⁴
Wx = 3305 mm³

J total = 676931 mm⁴

Porta de Correr 2 folhas

Liga 6060 T5



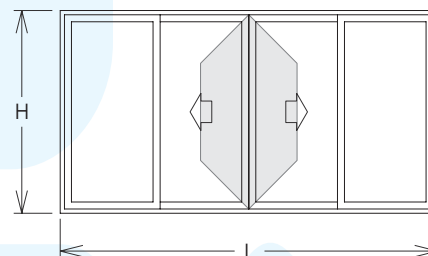
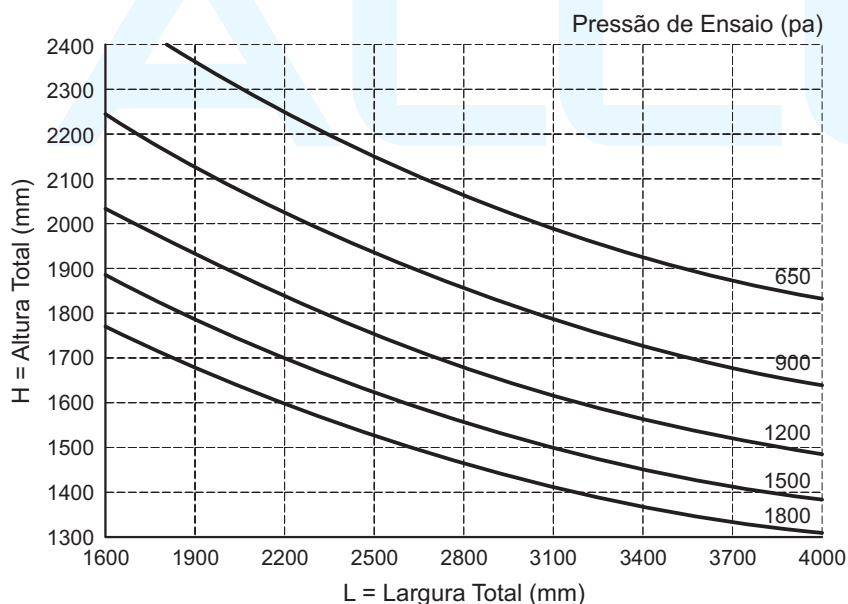
Área = 357 mm²
Jx = 77461 mm⁴
Wx = 3588 mm³

Área = 335 mm²
Jx = 73331 mm⁴
Wx = 3305 mm³

J total = 150792 mm⁴

Janela de Correr 4 folhas

Liga 6060 T5



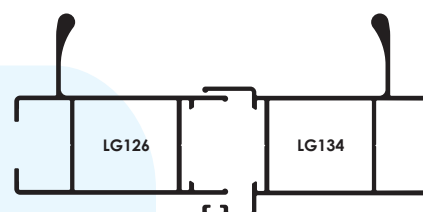
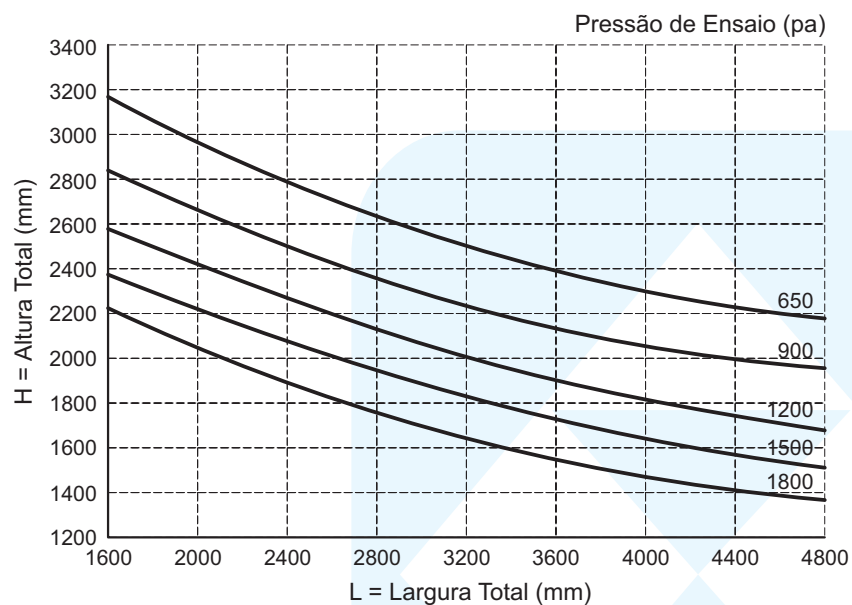
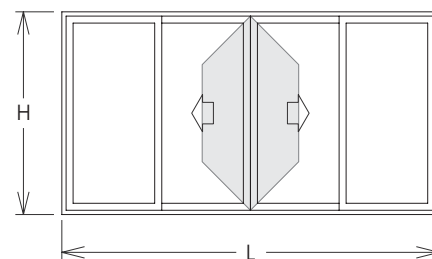
Área = 310 mm²
Jx = 55598 mm⁴
Wx = 3475 mm³

Área = 345 mm²
Jx = 74361 mm⁴
Wx = 3549 mm³

J total = 129959 mm⁴

Janela de Correr 4 folhas

Liga 6060 T5



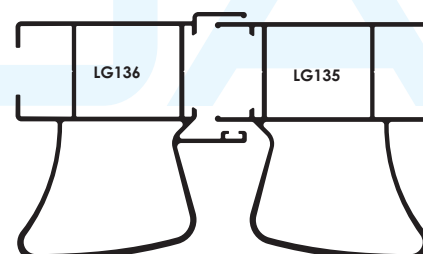
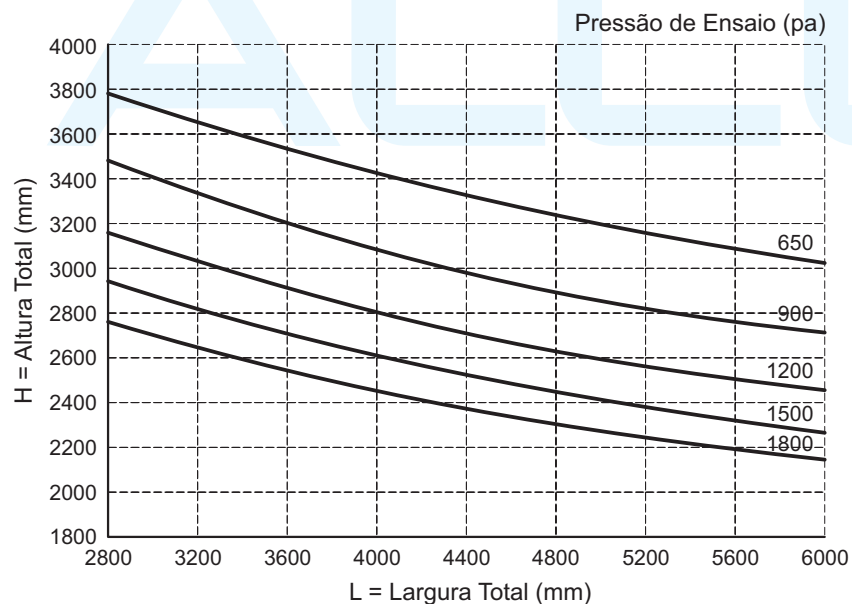
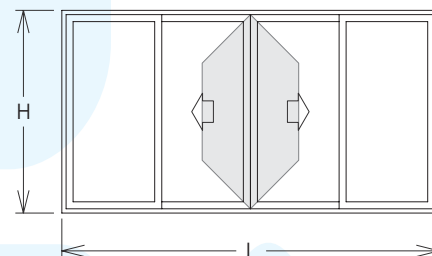
Área = 394 mm²
Jx = 122195 mm⁴
Wx = 3372 mm³

Área = 431 mm²
Jx = 147159 mm⁴
Wx = 3920 mm³

J total = 269354 mm⁴

Janela de Correr 4 folhas

Liga 6060 T5



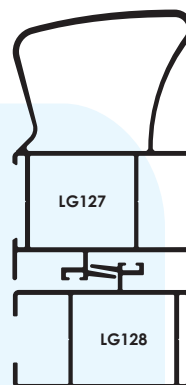
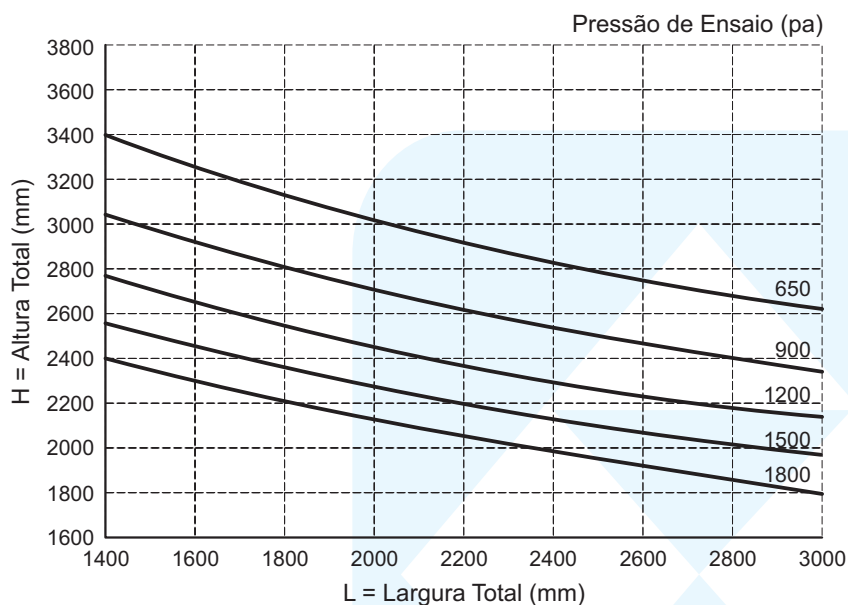
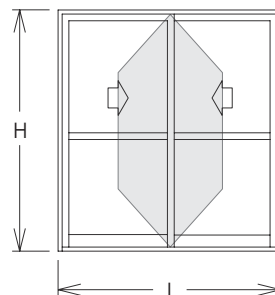
Área = 622 mm²
Jx = 439682 mm⁴
Wx = 10795 mm³

Área = 589 mm²
Jx = 422166 mm⁴
Wx = 10468 mm³

J total = 861848 mm⁴

Porta de Correr 2 folhas Reforços interno/externo

Liga 6060 T5



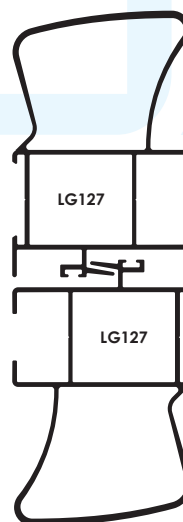
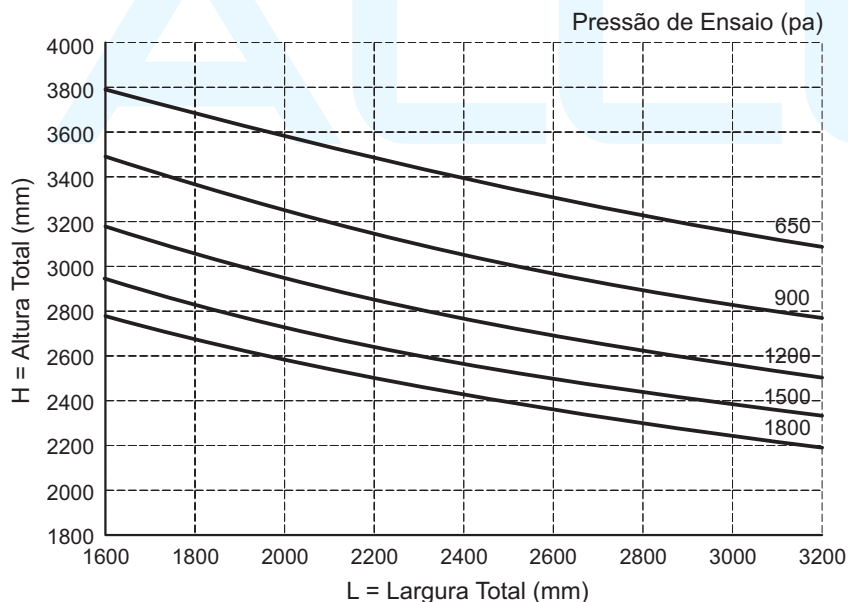
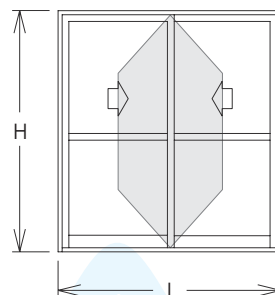
Área = 611 mm²
Jx = 498426 mm⁴
Wx = 11469 mm³

Área = 351 mm²
Jx = 73781 mm⁴
Wx = 3492 mm³

J total = 572207 mm⁴

Porta de Correr 2 folhas Reforços interno/externo

Liga 6060 T5



Área = 611 mm²
Jx = 498426 mm⁴
Wx = 11469 mm³

Área = 611 mm²
Jx = 498426 mm⁴
Wx = 11469 mm³

J total = 996852 mm⁴

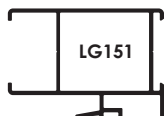
Folha de Correr com Vidro duplo 18mm

(6mm externo / 4mm interno / câmara de 8mm)

Liga 6060 T5

Flexão admissível = $H/225$ **Caso 1**

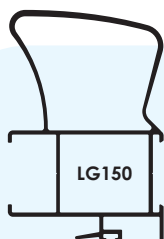
Área = 299 mm²
 $J_x = 72507 \text{ mm}^4$
 $W_x = 3469 \text{ mm}^3$



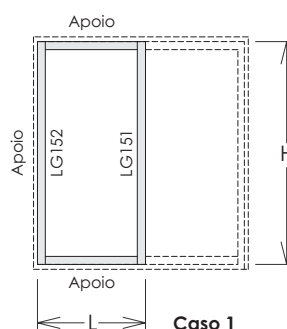
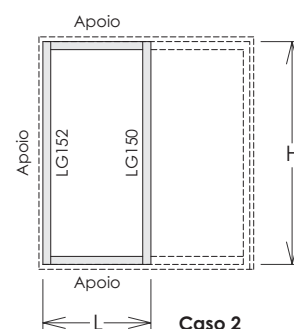
Área = 339 mm²
 $J_x = 75507 \text{ mm}^4$
 $W_x = 3469 \text{ mm}^3$

**Caso 2**

Área = 299 mm²
 $J_x = 72507 \text{ mm}^4$
 $W_x = 3469 \text{ mm}^3$



Área = 599 mm²
 $J_x = 493337 \text{ mm}^4$
 $W_x = 11310 \text{ mm}^3$

**Caso 1****Caso 2****Montantes centrais livres e demais lados apoiados**

Pressão de ensaio (Pa)	Medida da folha (L x H)	
	Caso 1 1200 x 2200	Caso 2 1400 x 2600
1800		
1500		
1200		
900		
650		

Folha de Correr com Vidro duplo 18mm

(6mm externo / 4mm interno / câmara de 8mm)

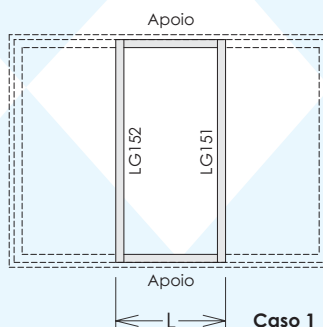
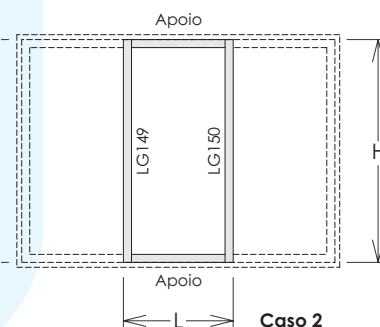
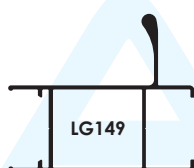
Liga 6060 T5

Flexão admissível = $H/225$ **Caso 1**

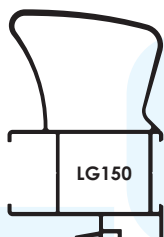
Área = 299 mm²
 $J_x = 72507 \text{ mm}^4$
 $W_x = 3469 \text{ mm}^3$



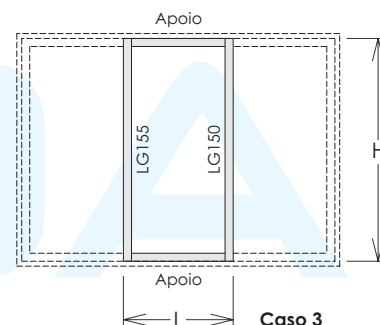
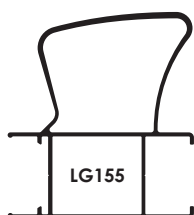
Área = 339 mm²
 $J_x = 75507 \text{ mm}^4$
 $W_x = 3469 \text{ mm}^3$

**Caso 1****Caso 2****Caso 2**

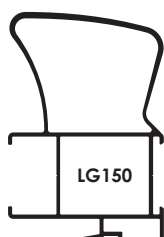
Área = 382 mm²
 $J_x = 122942 \text{ mm}^4$
 $W_x = 3366 \text{ mm}^3$



Área = 599 mm²
 $J_x = 493337 \text{ mm}^4$
 $W_x = 11310 \text{ mm}^3$

**Caso 3****Caso 3**

Área = 577 mm²
 $J_x = 415749 \text{ mm}^4$
 $W_x = 10394 \text{ mm}^3$



Área = 599 mm²
 $J_x = 493337 \text{ mm}^4$
 $W_x = 11310 \text{ mm}^3$

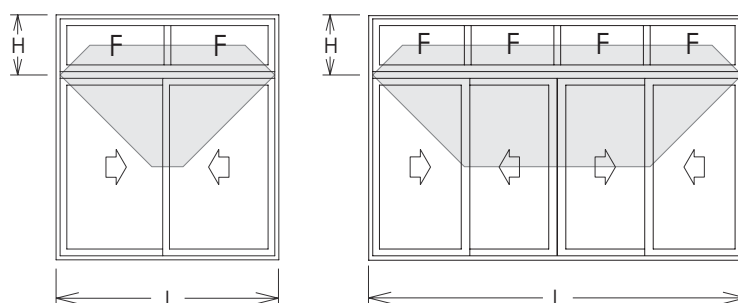
Folhas bi-apoiadas (3 folhas ou mais)

Pressão de ensaio (Pa)	Medida da folha (L x H)		
	Caso 1 1000 x 2100	Caso 2 1000 x 2200	Caso 3 1200 x 2400
1800			
1500			
1200			
900			
650			

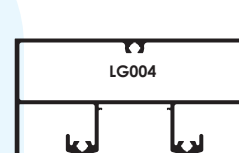
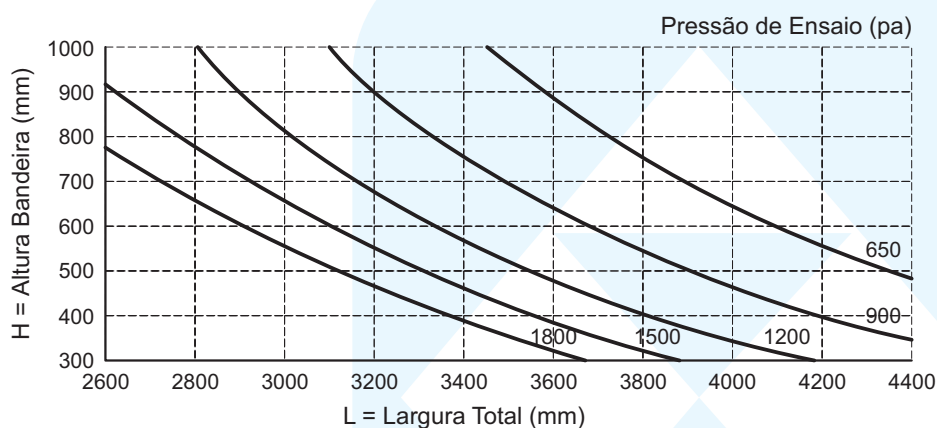
Travessa da bandeira

Porta e Janela de Correr 2 e 4 folhas

Liga 6060 T5



Nota: Após verificação das curvas de pressão de ensaio (abaixo), para larguras superiores a 2400mm, utilizar o perfil LG079, para evitar que o próprio peso da bandeira deforme a travessa e prejudique o funcionamento das folhas de correr.

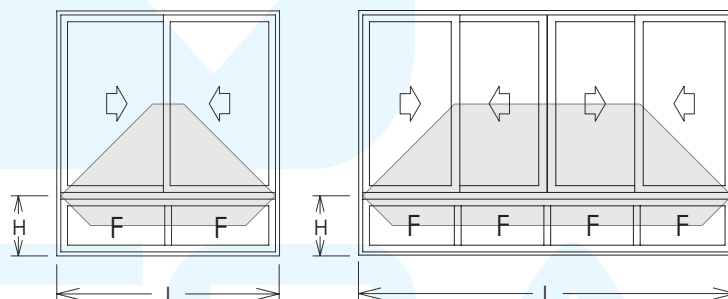


Área = 751 mm²
Jx = 873671 mm⁴
Wx = 16798 mm³

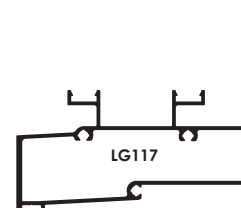
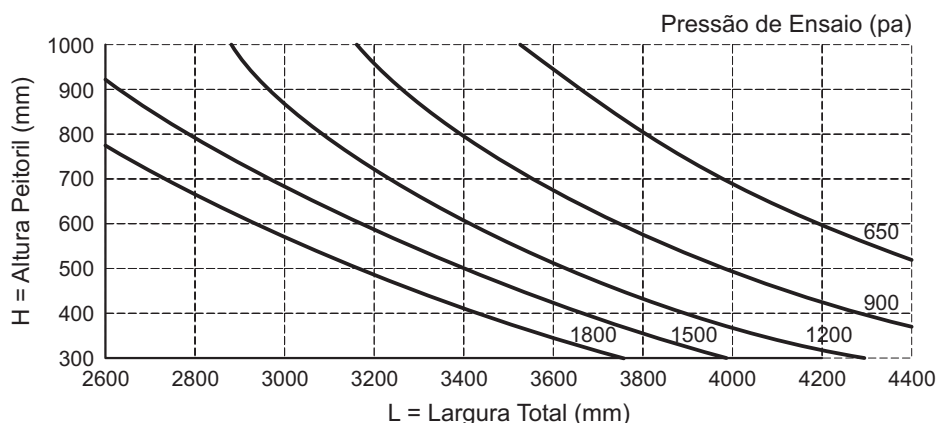
Travessa do peitoril

Porta e Janela de Correr 2 e 4 folhas

Liga 6060 T5



Nota: Após verificação das curvas de pressão de ensaio (abaixo), para larguras superiores a 2400mm, utilizar o perfil LG079, para evitar a deformação da travessa do peitoril e prejudicar o funcionamento das folhas de correr.

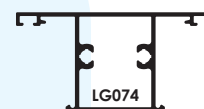
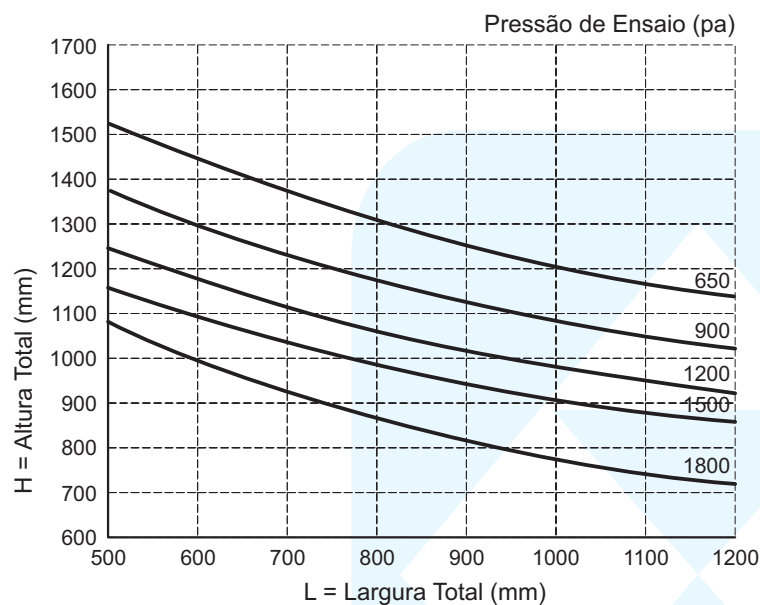
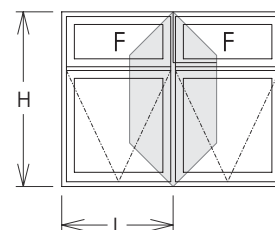


Área = 760 mm²
Jx = 931543 mm⁴
Wx = 16640 mm³

Montante central**Janela Maxim ar**

Liga 6060 T5

Dimensão máxima da folha = 1200mm x 1200mm,
limitada pela resistência dos perfis de folha

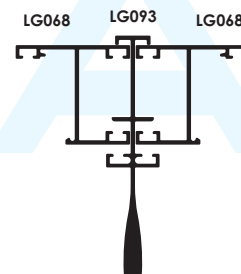
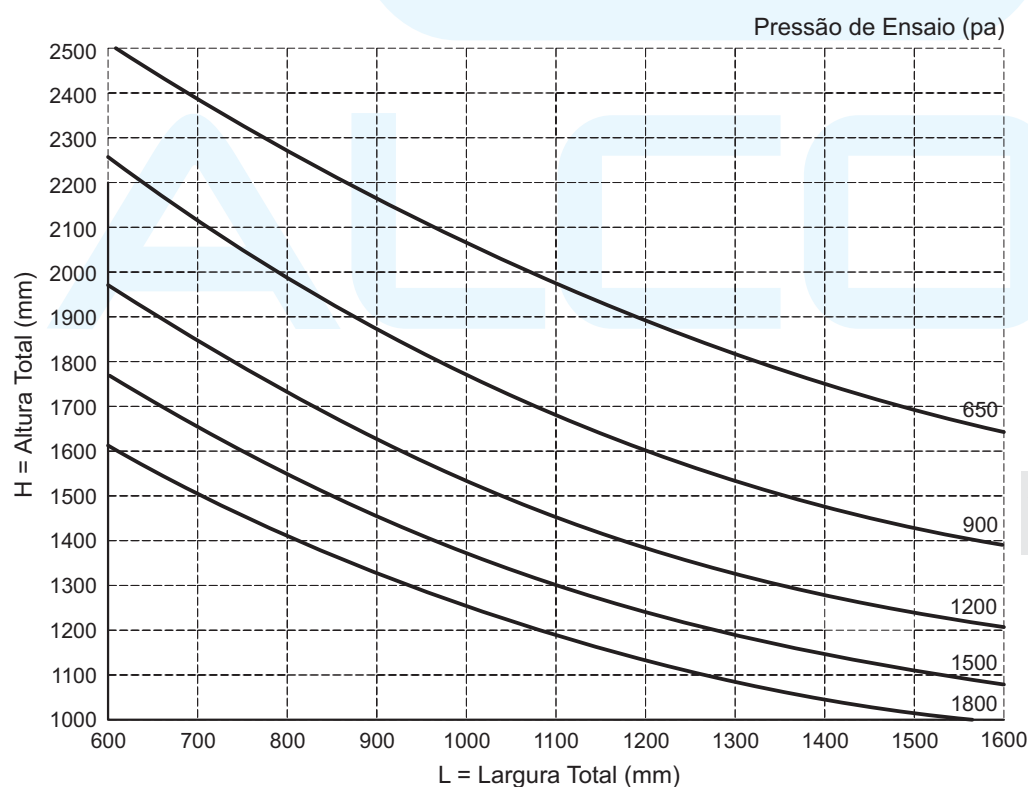
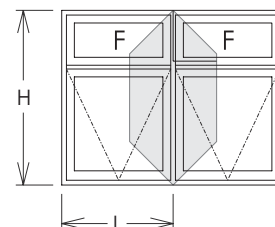


Área = 280 mm²
Jx = 37854 mm⁴
Wx = 1935 mm³

Junção de módulos**Janela Maxim ar**

Liga 6060 T5

Dimensão máxima da folha = 1200mm x 1200mm,
limitada pela resistência dos perfis de folha



Área = 149 mm²
Jx = 24853 mm⁴
Wx = 1301 mm³

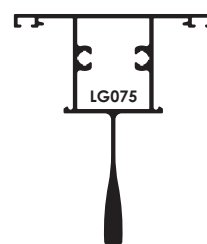
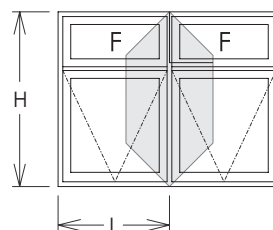
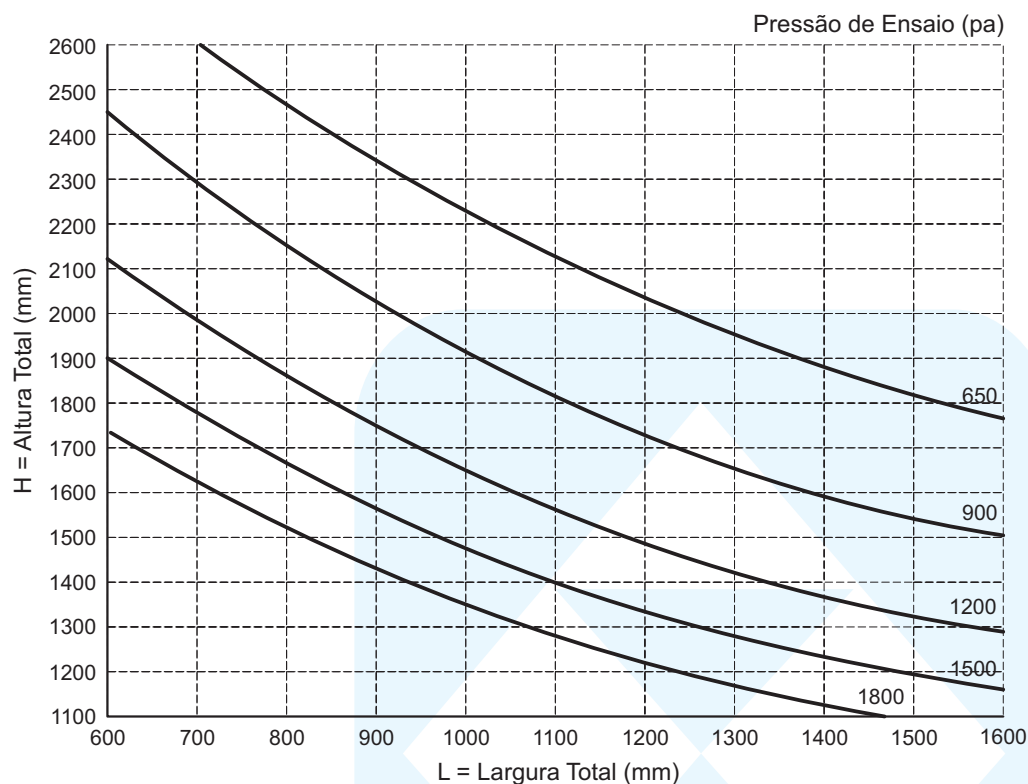
Área = 149 mm²
Jx = 24853 mm⁴
Wx = 1301 mm³

Área = 260,4 mm²
Jx = 149811 mm⁴
Wx = 3700 mm³

J total = 199517 mm⁴

Montante central Janela Maxim ar Liga 6060 T5

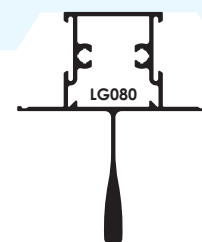
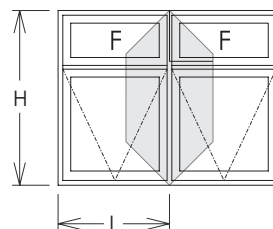
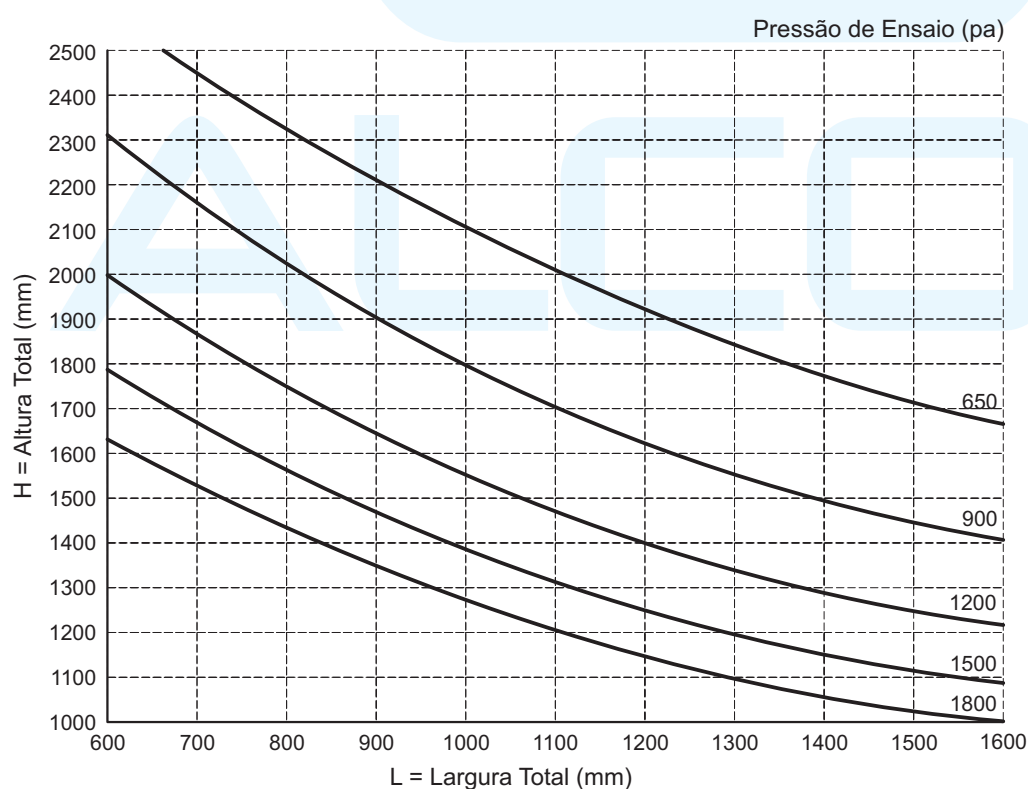
Dimensão máxima da folha = 1200mm x 1200mm,
limitada pela resistência dos perfis de folha



Área = 425 mm²
Jx = 269390 mm⁴
Wx = 5780 mm³

Montante central Janela Maxim ar Liga 6060 T5

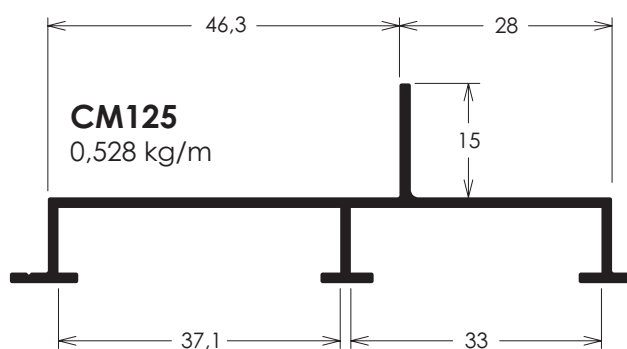
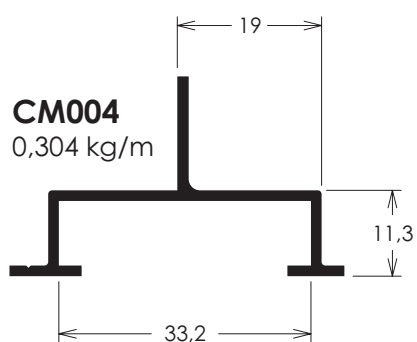
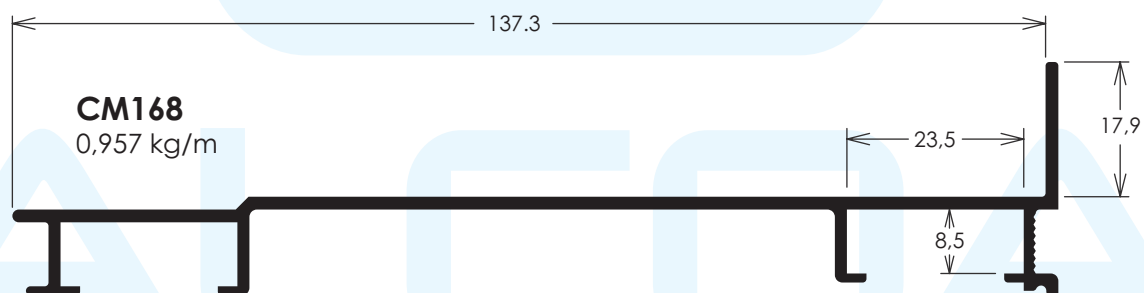
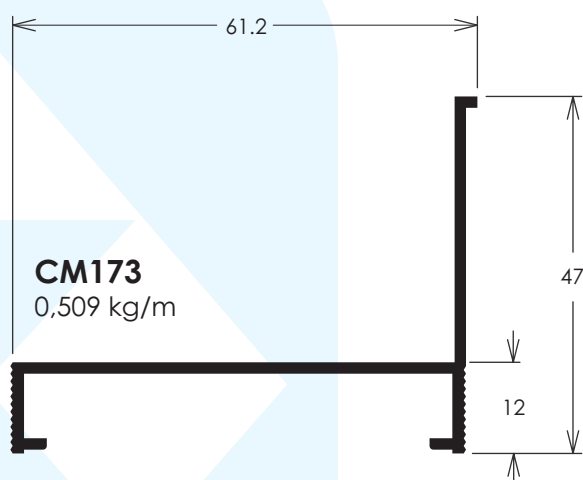
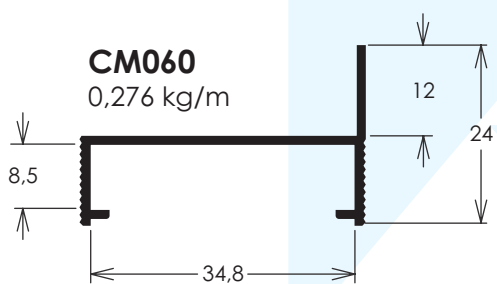
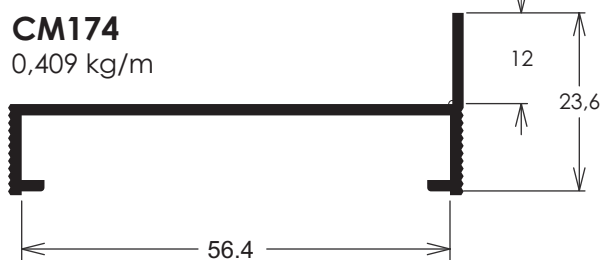
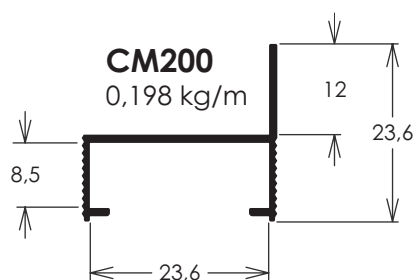
Dimensão máxima da folha = 1200mm x 1200mm,
limitada pela resistência dos perfis de folha



Área = 428 mm²
Jx = 219822 mm⁴
Wx = 5130 mm³

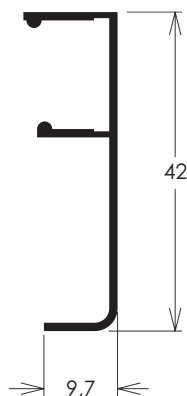
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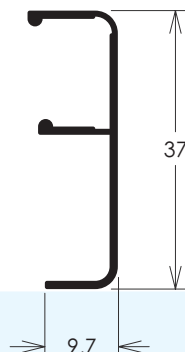


RM008

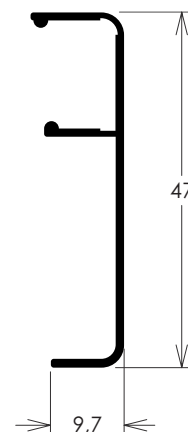
0,214 kg/m

**RM002**

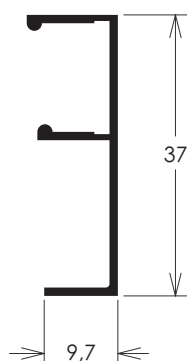
0,195 kg/m

**RM029**

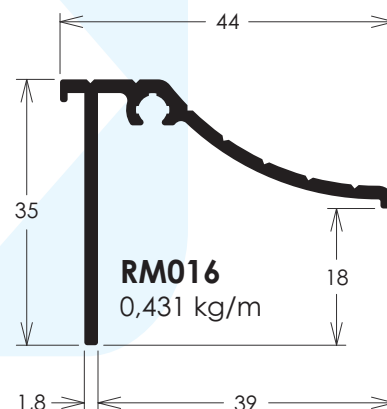
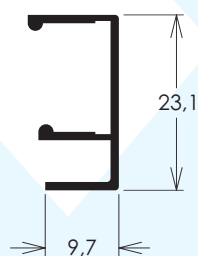
0,225 kg/m

**RM005**

0,202 kg/m

**RM006**

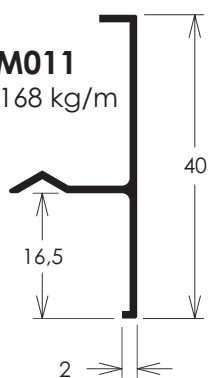
0,160 kg/m

**RM016**

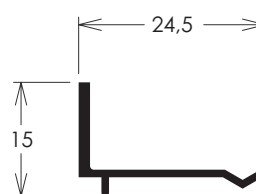
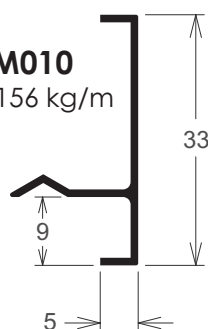
0,431 kg/m

RM011

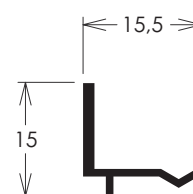
0,168 kg/m

**RM010**

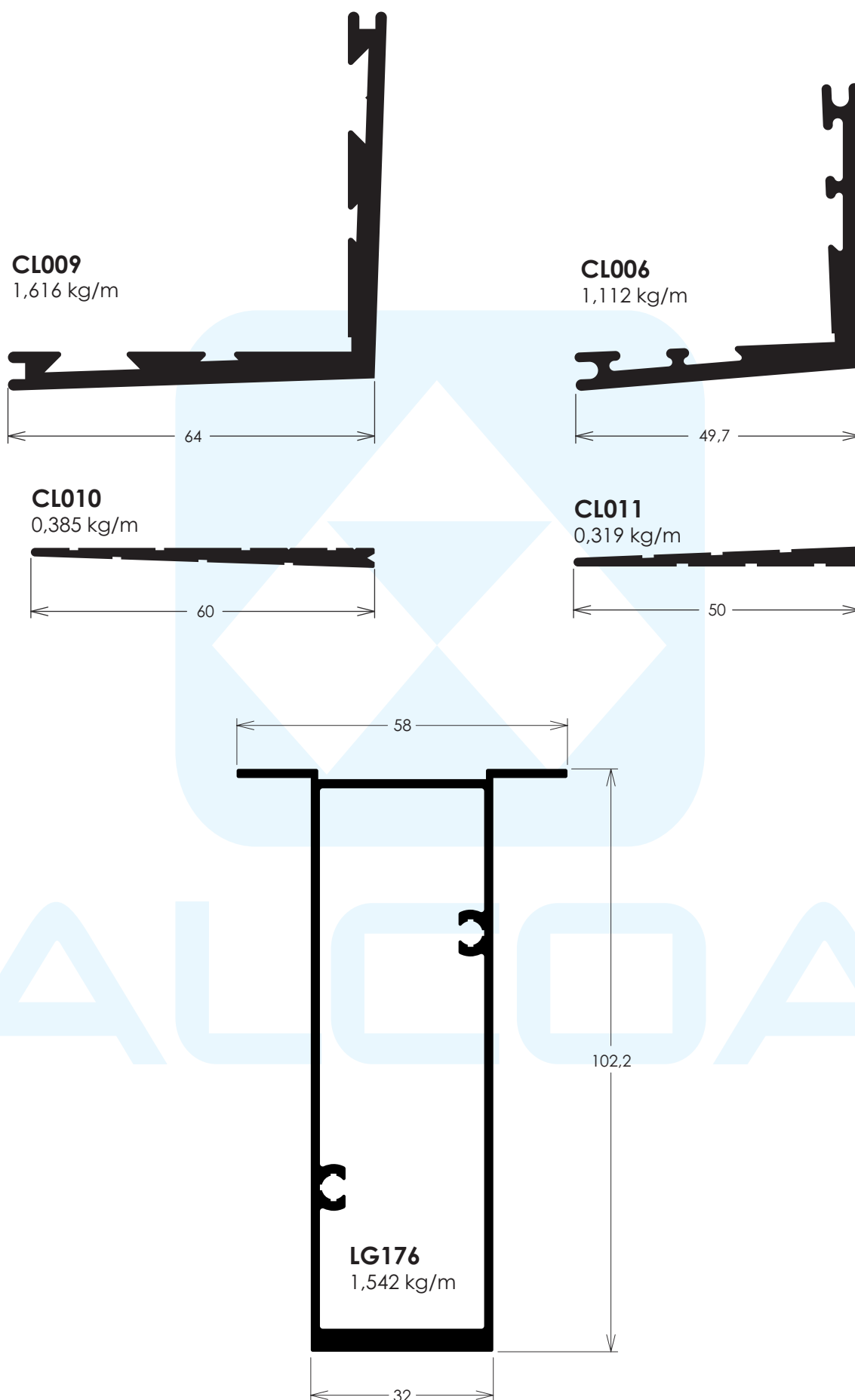
0,156 kg/m

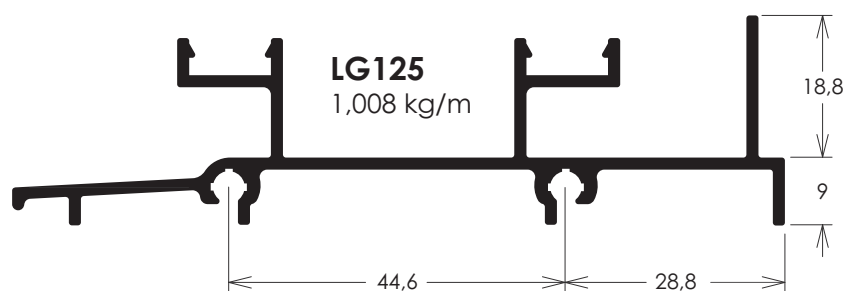
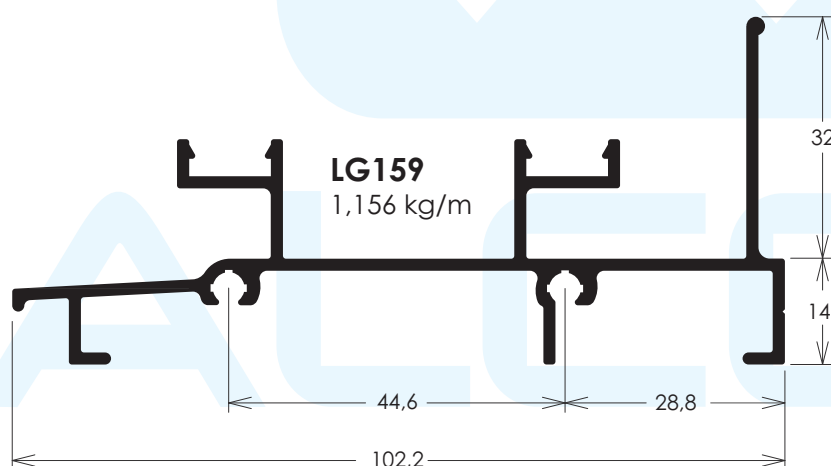
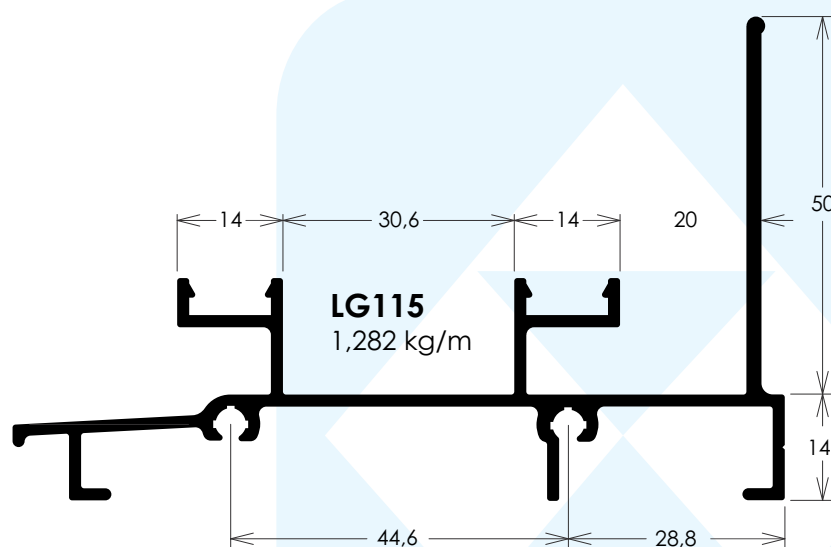
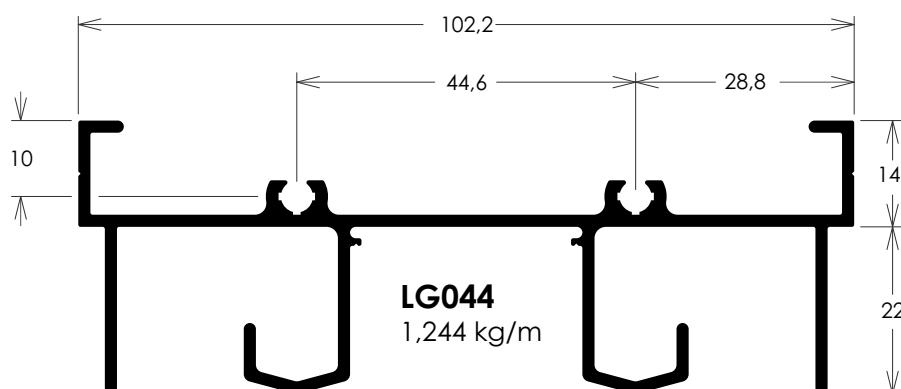
**CM013**

0,121 kg/m

**CM014**

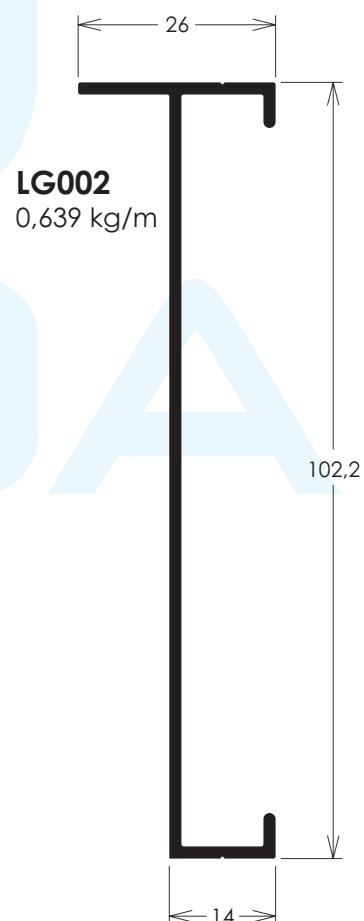
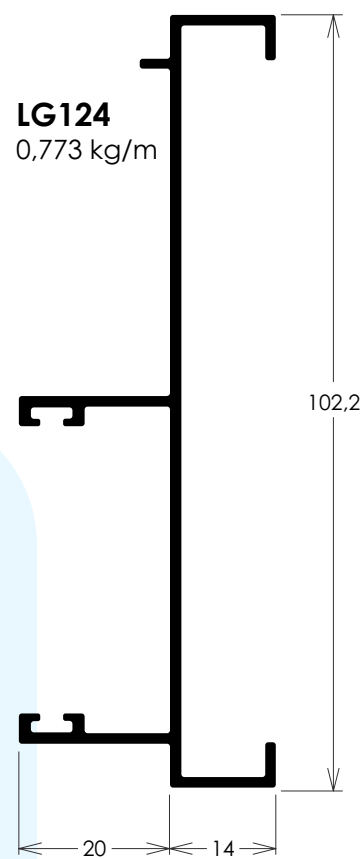
0,097 kg/m

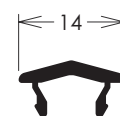
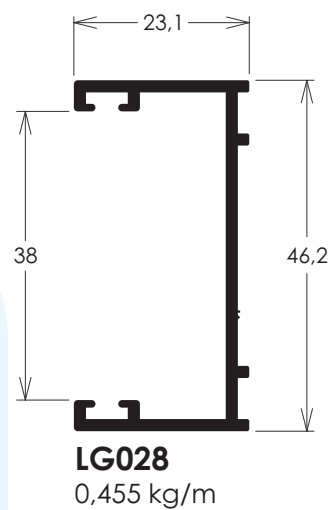
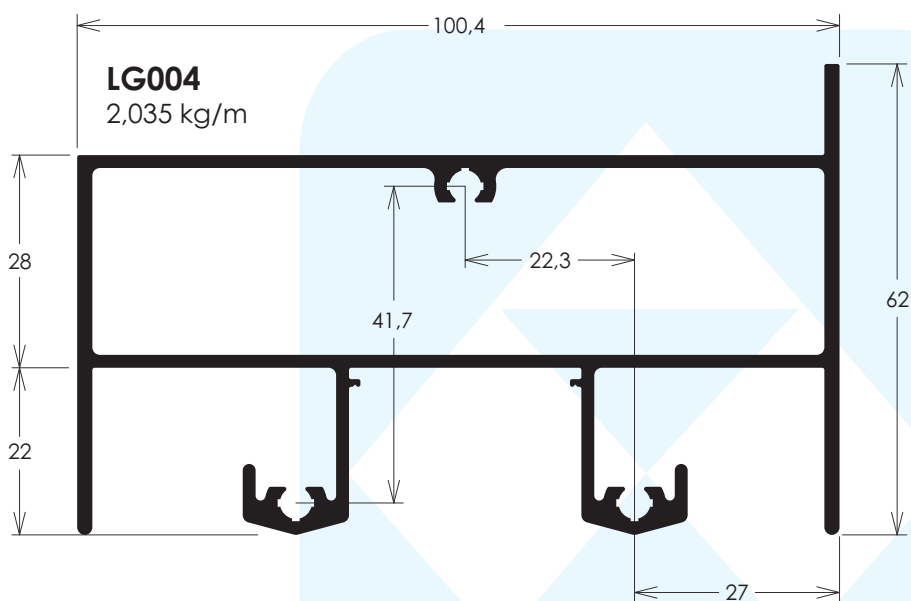
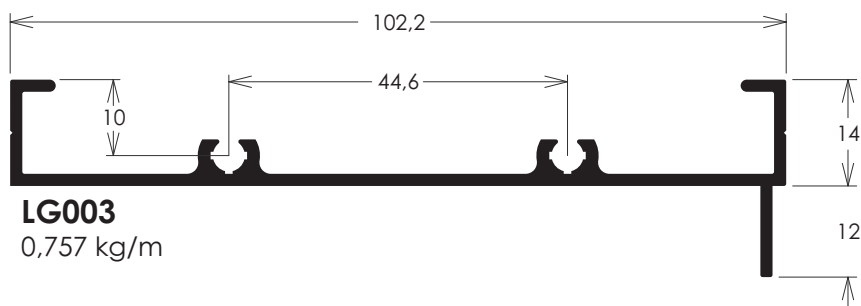




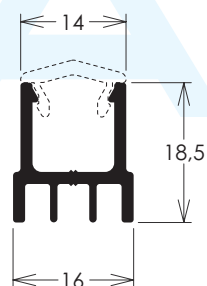
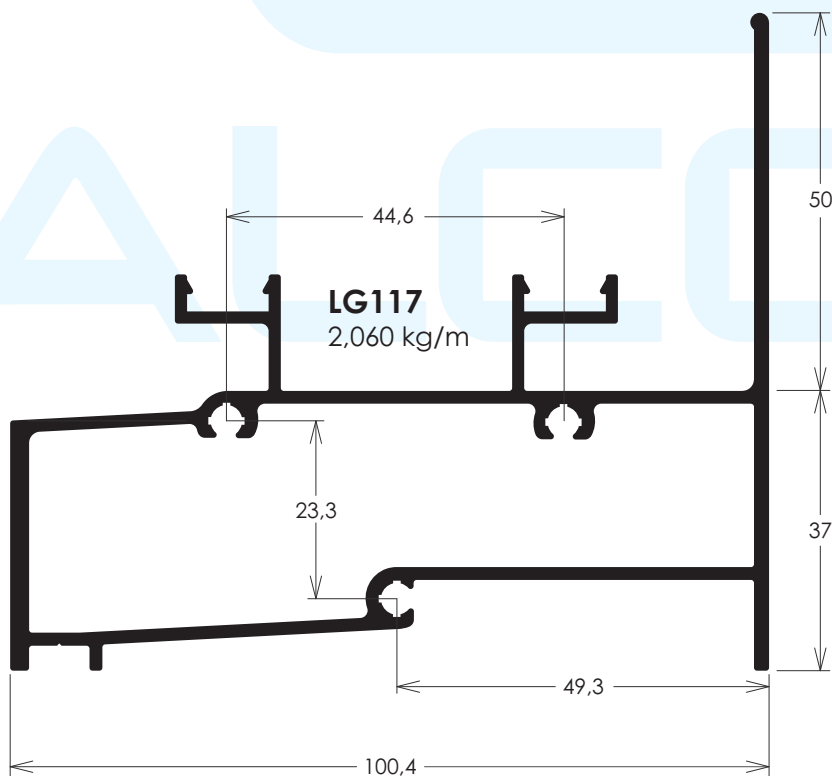
Usar este trilho somente para regiões I e II,
para pressão de ensaio de 1000pa

LG124
0,773 kg/m

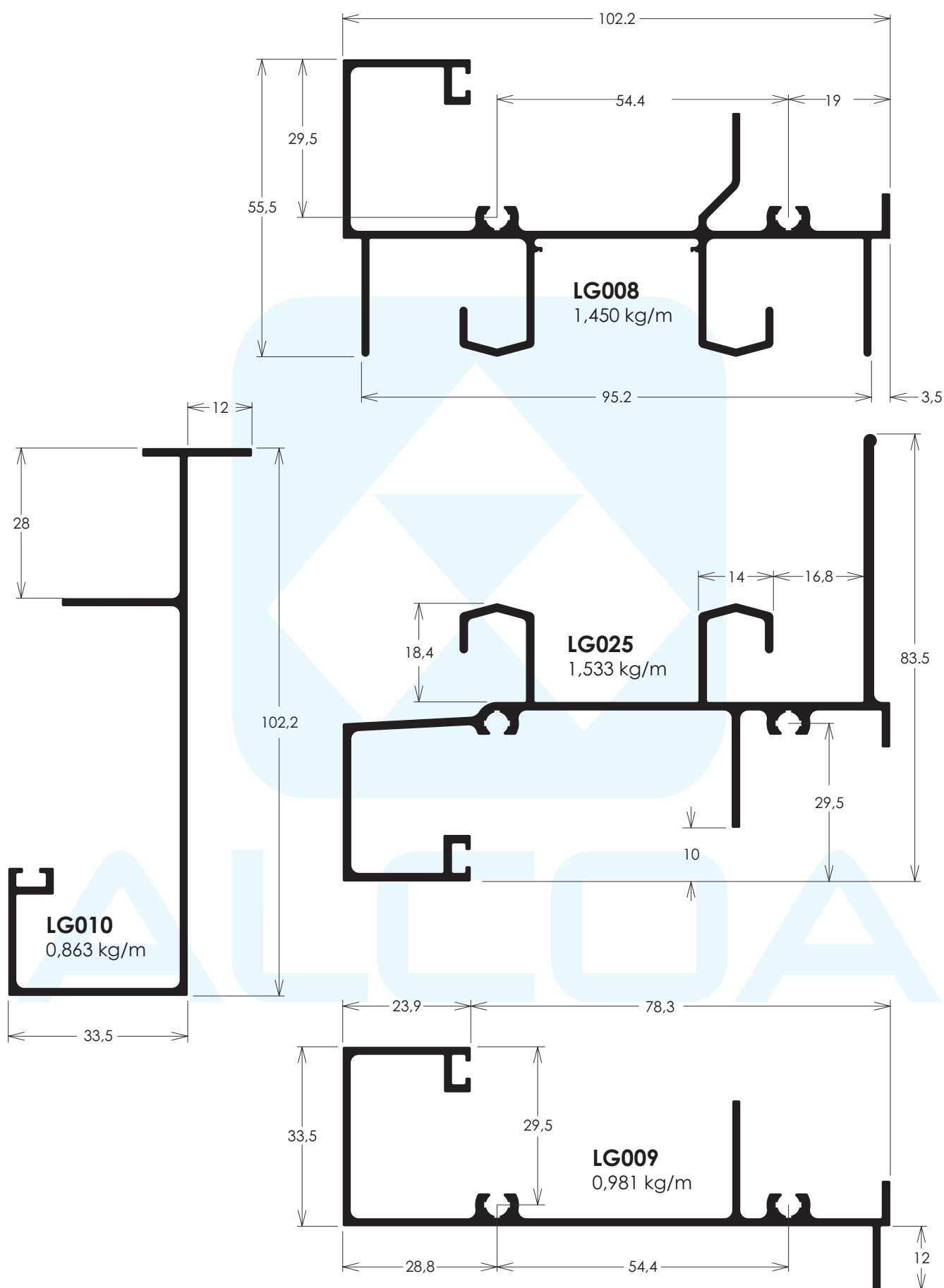


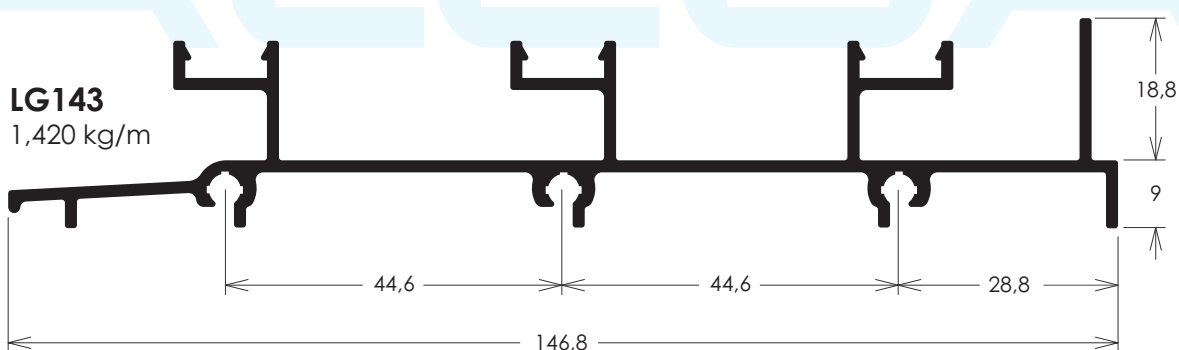
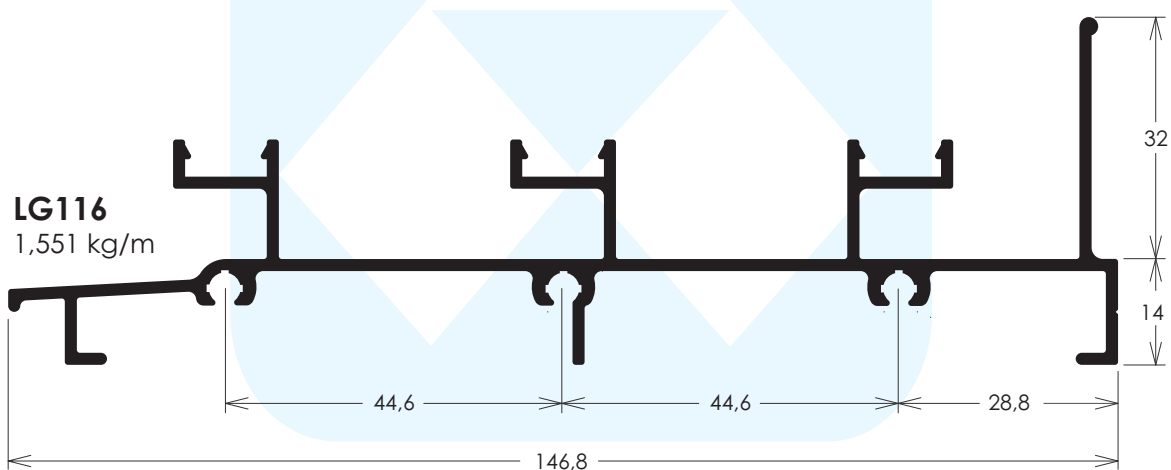
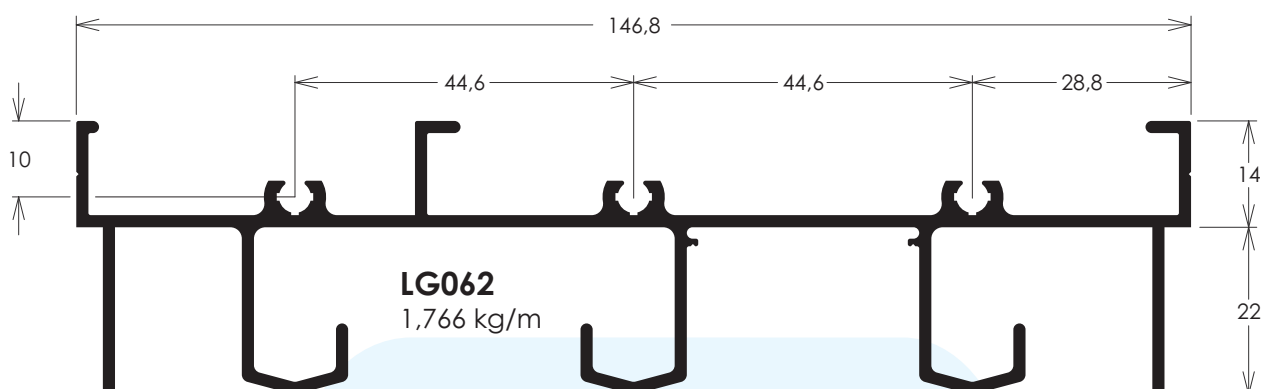


LG111
0,096 kg/m

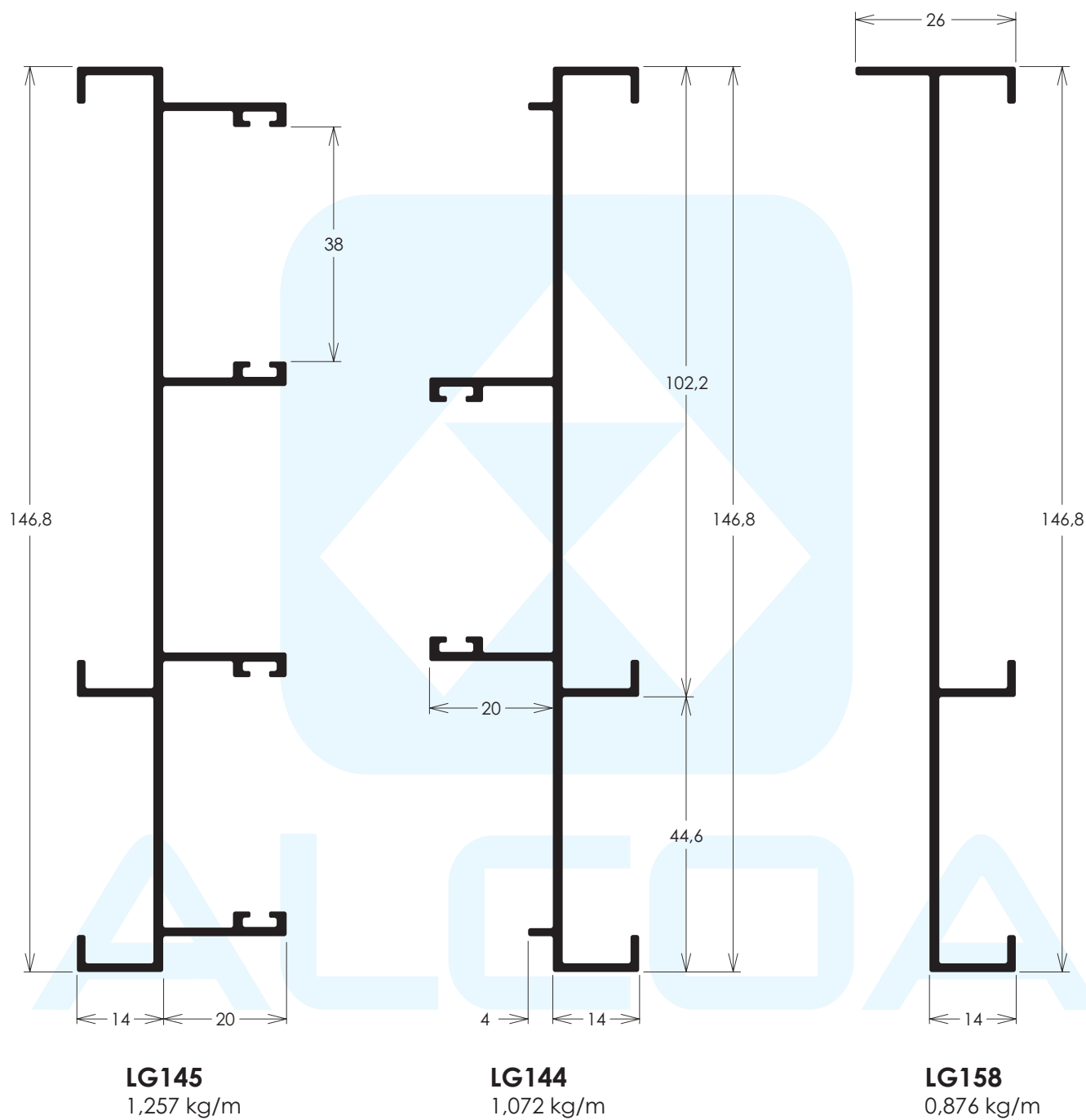


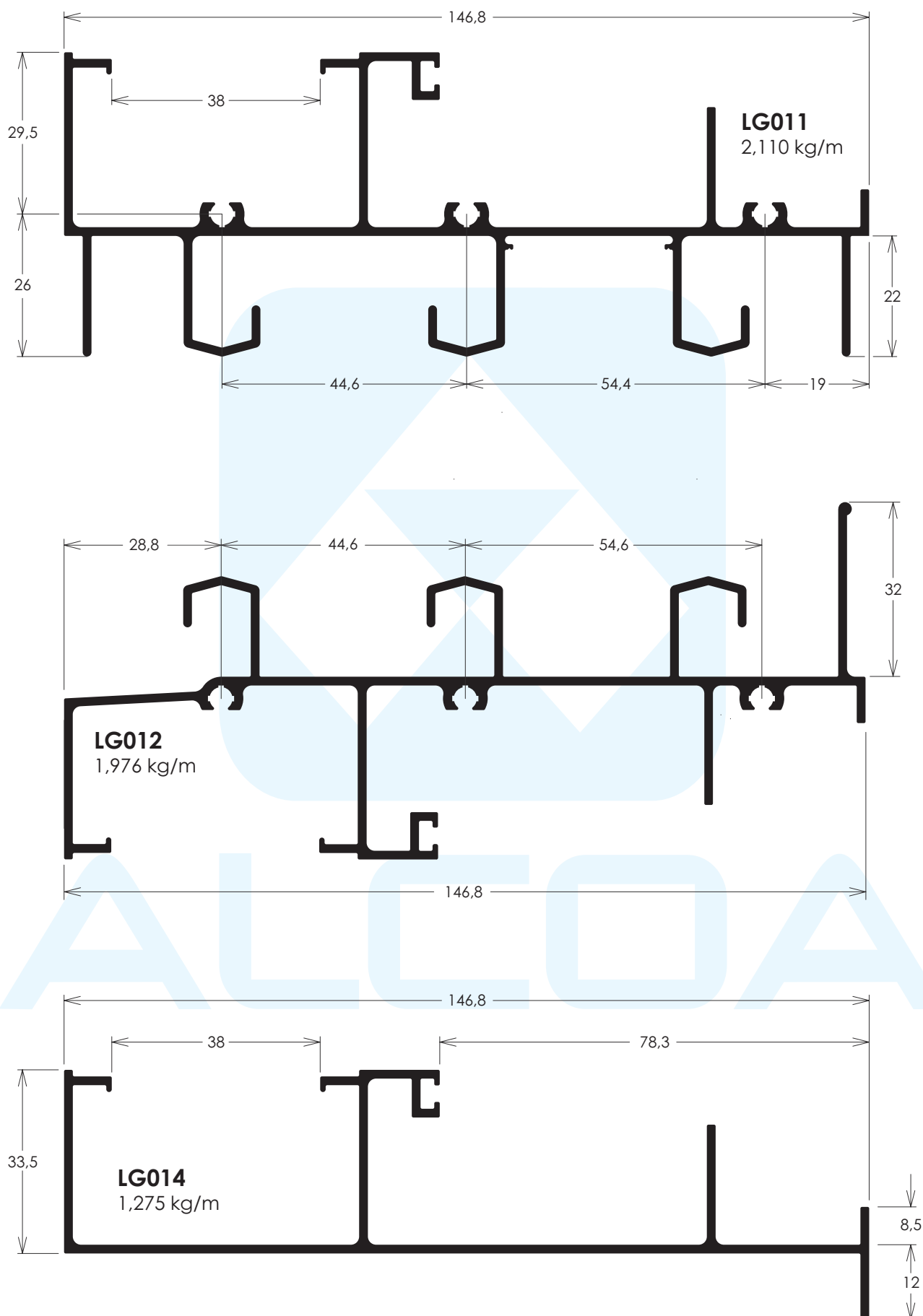
LG157
0,251 kg/m

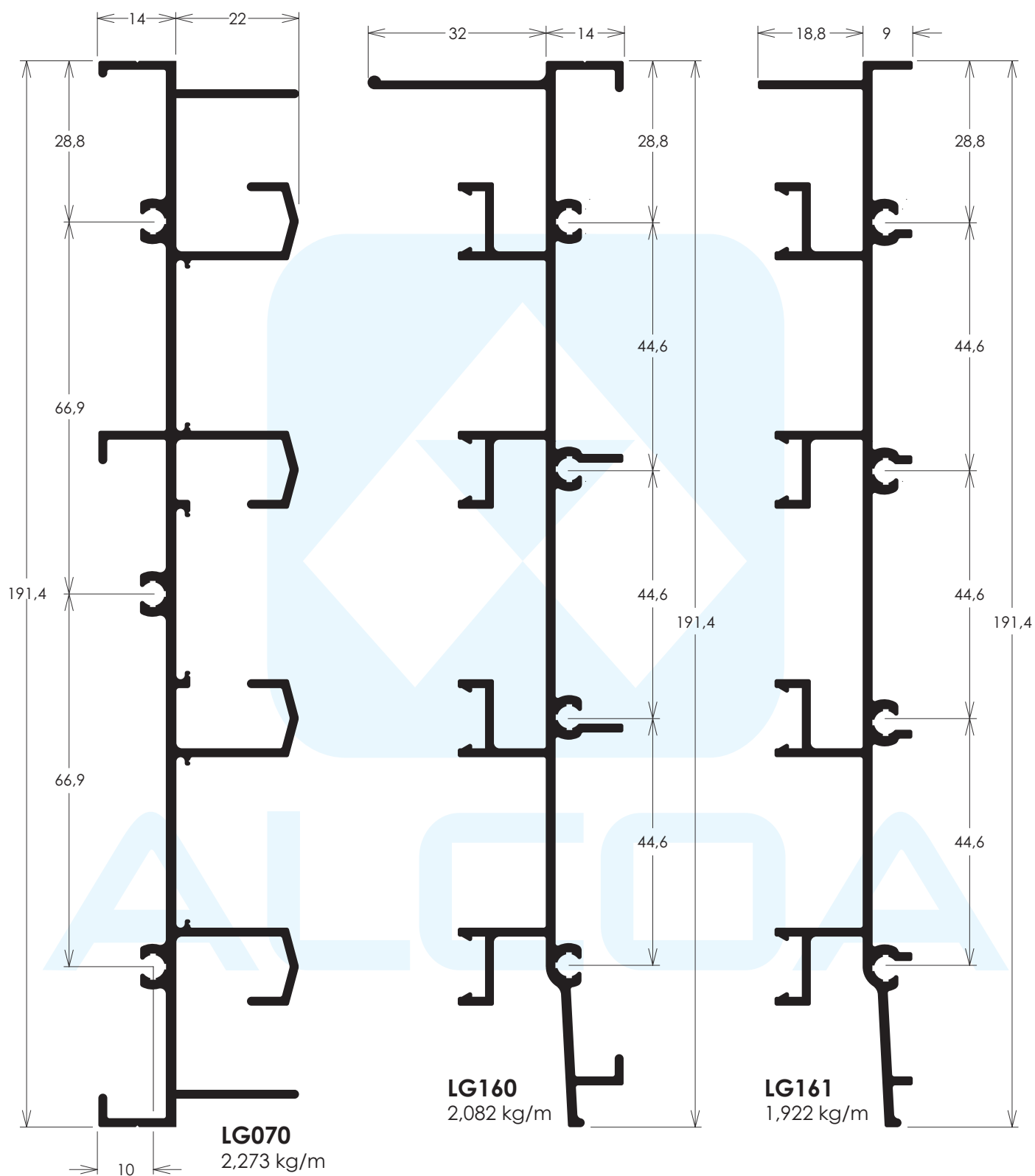


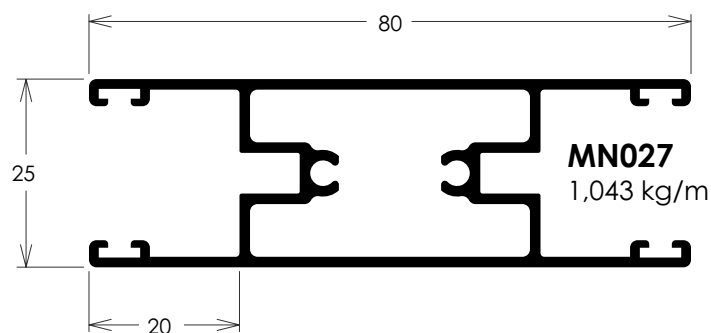
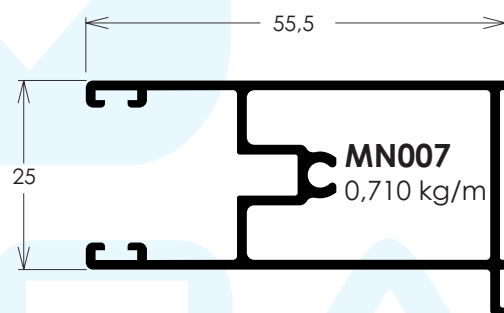
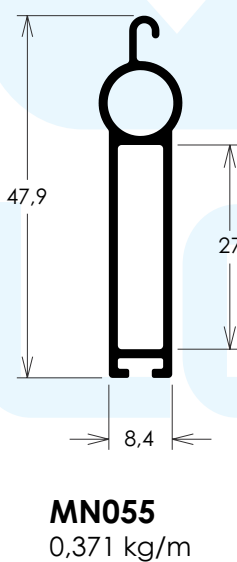
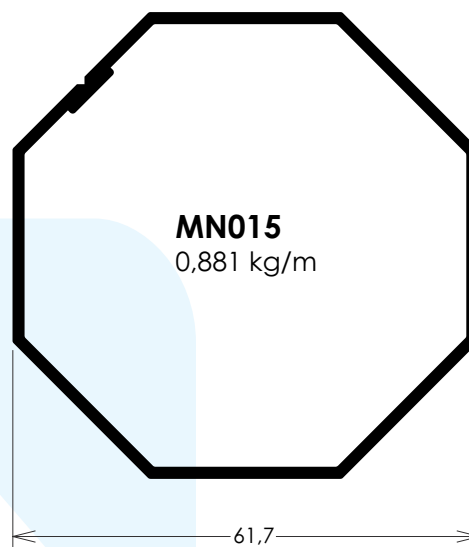
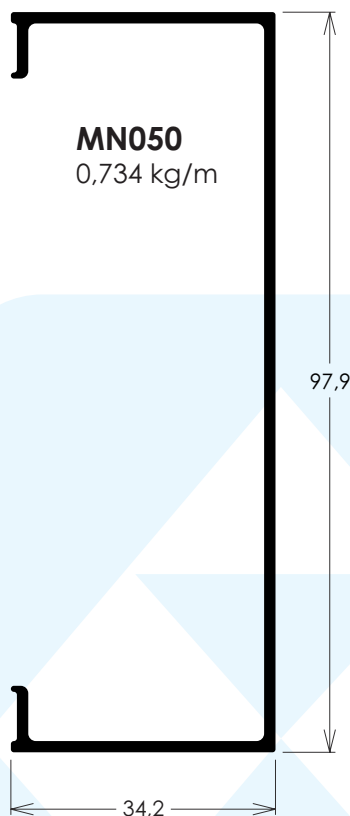
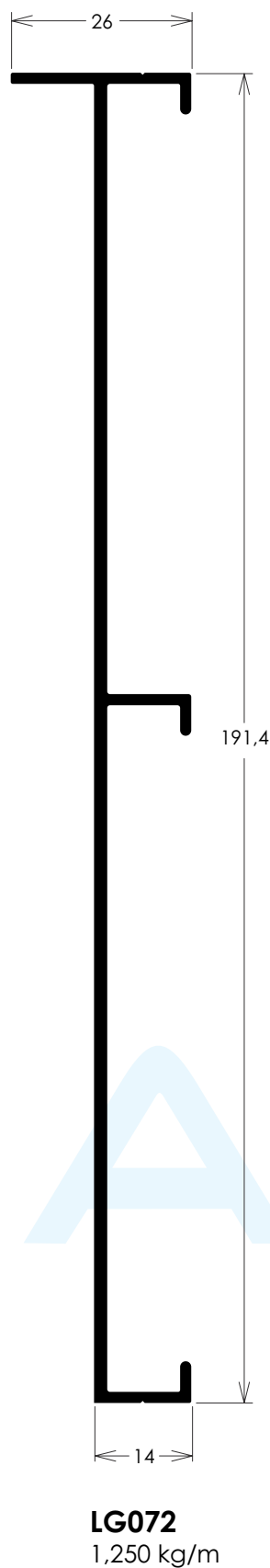


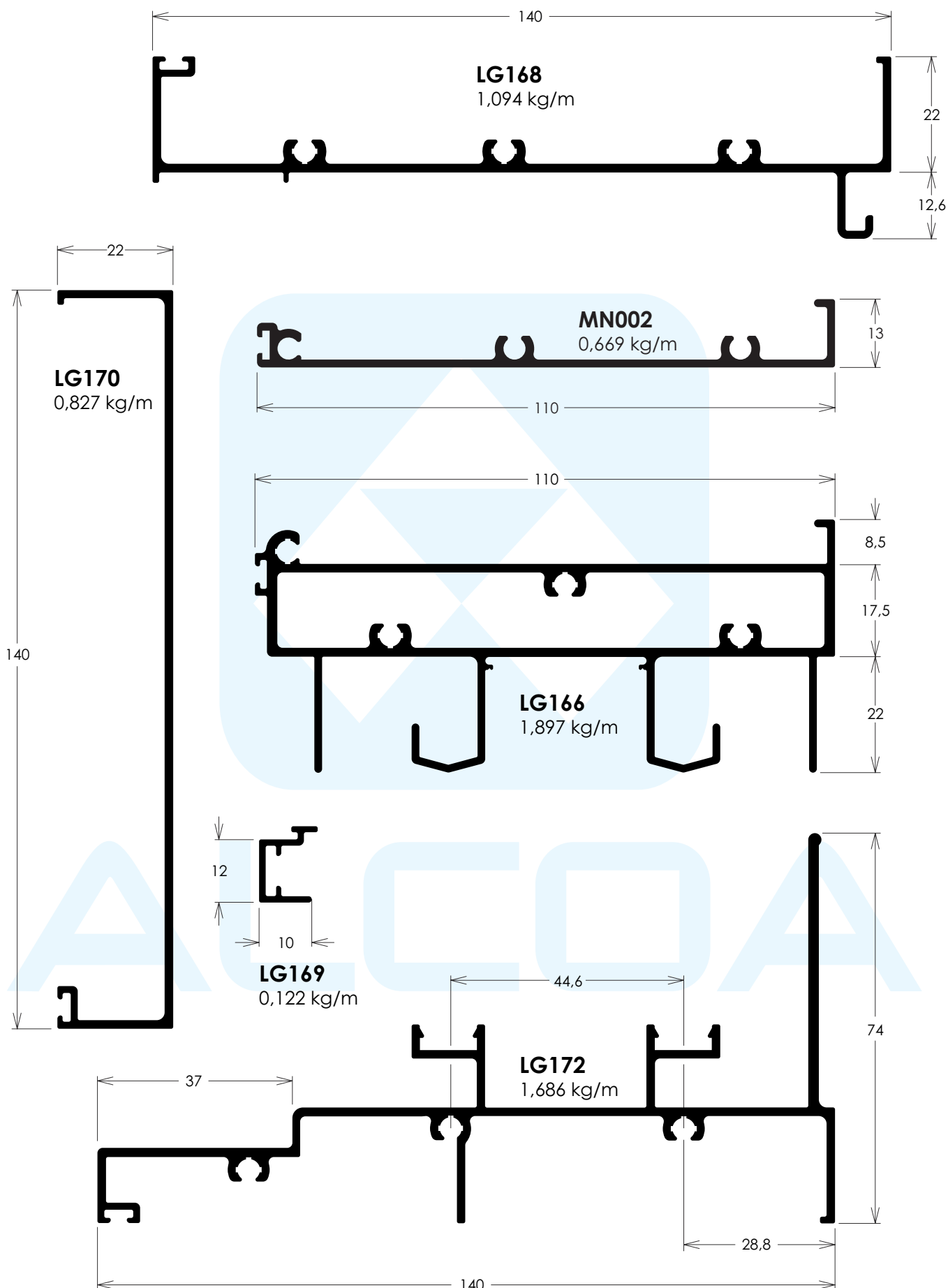
Usar este trilho somente para regiões I e II,
para pressão de ensaio de 1000pa

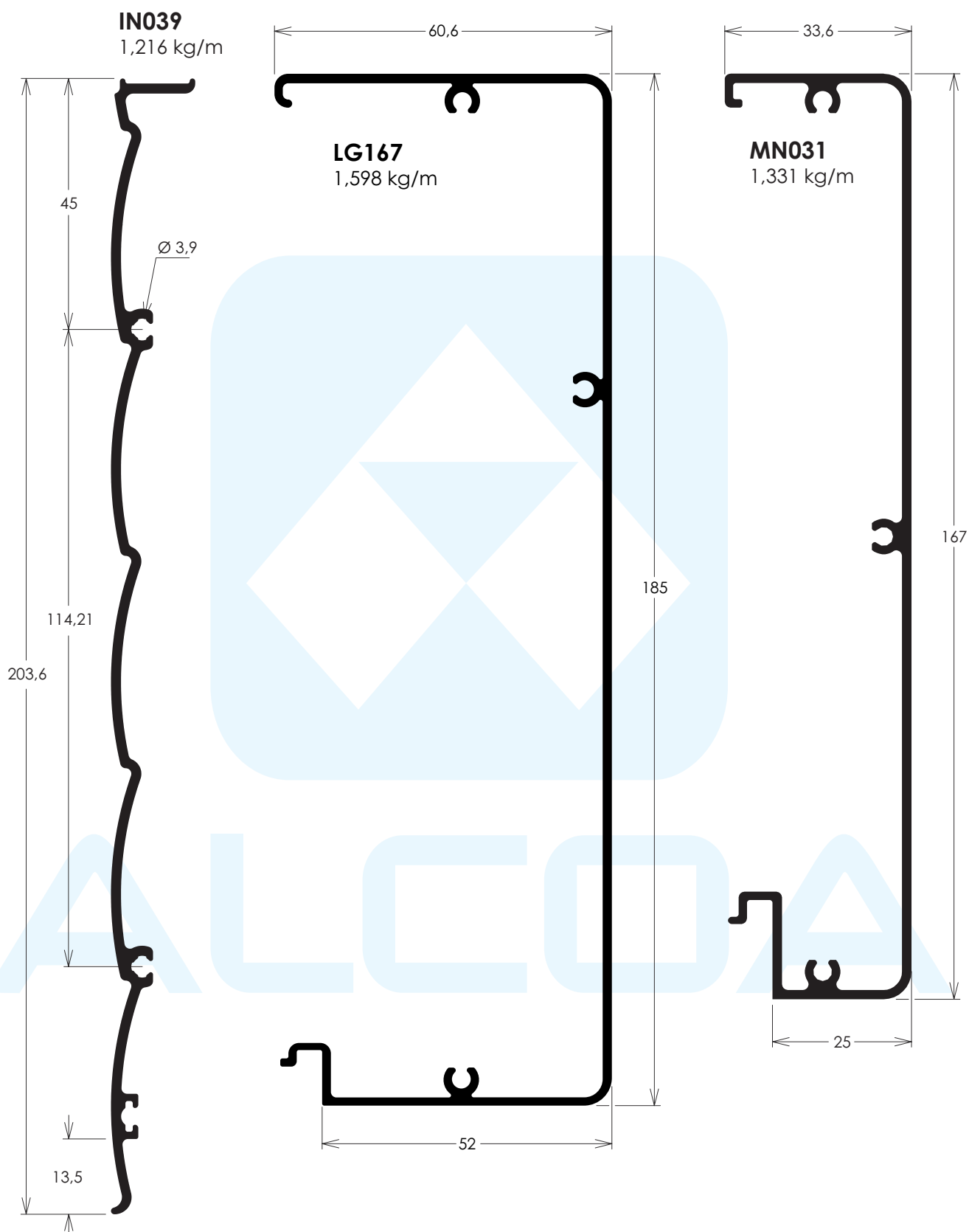


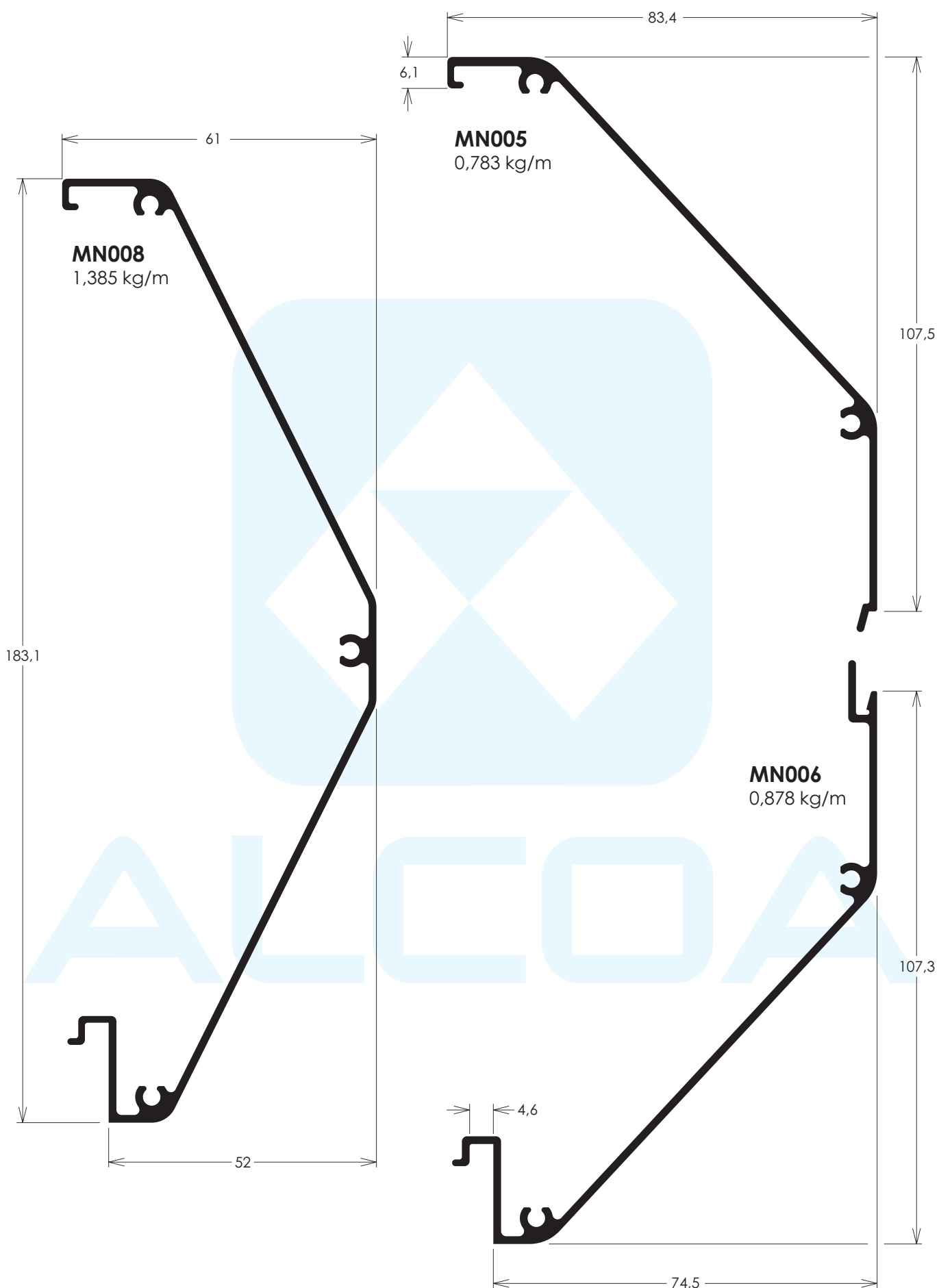


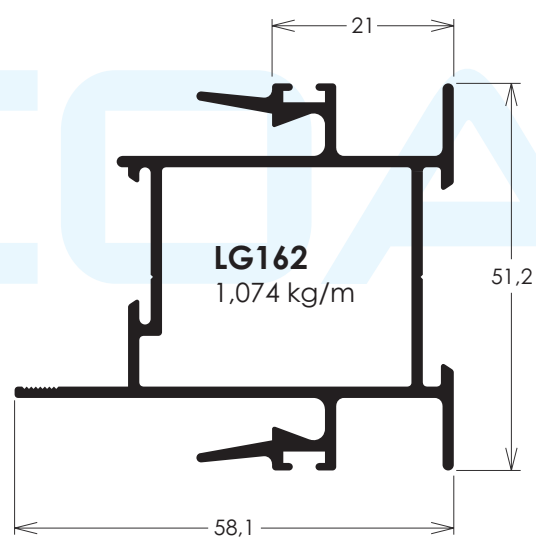
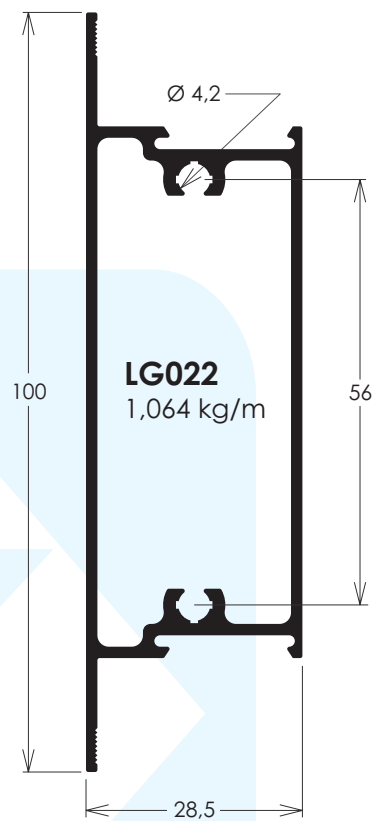
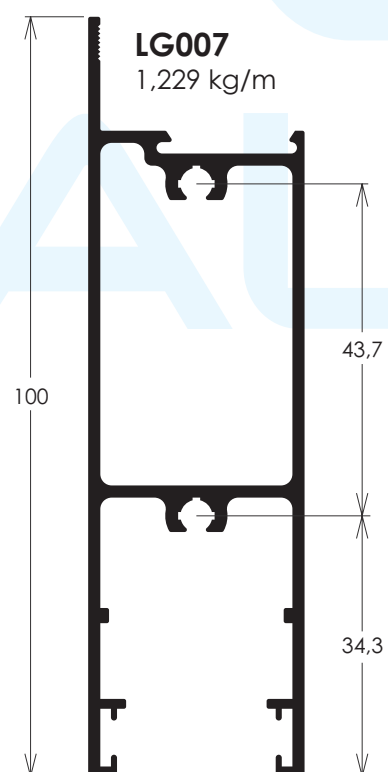
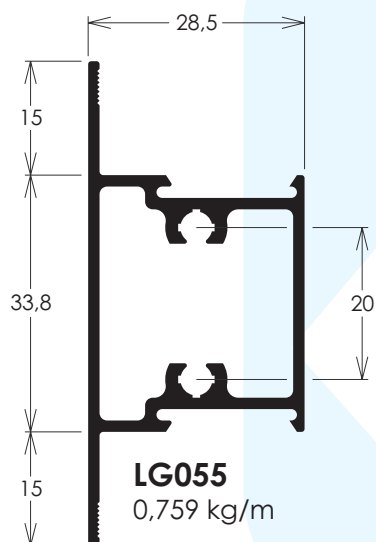
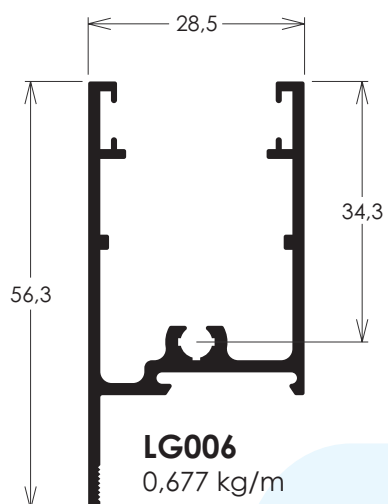


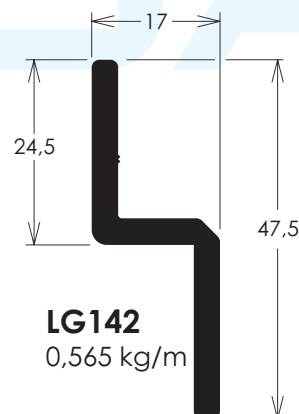
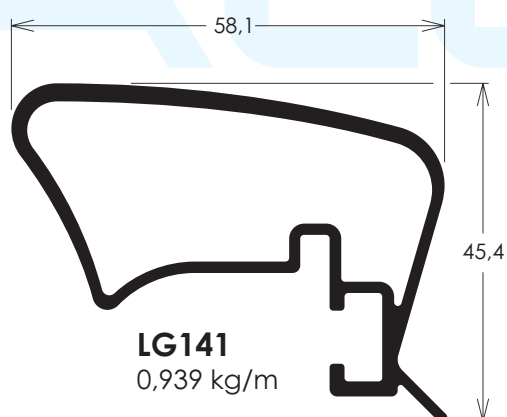
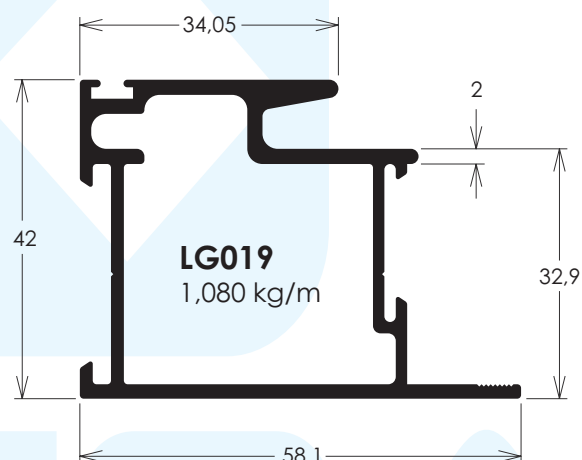
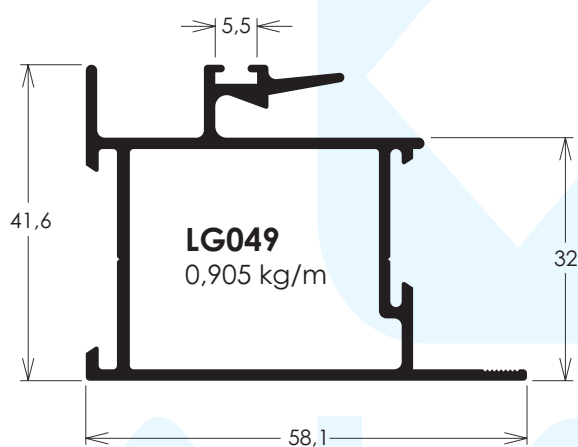
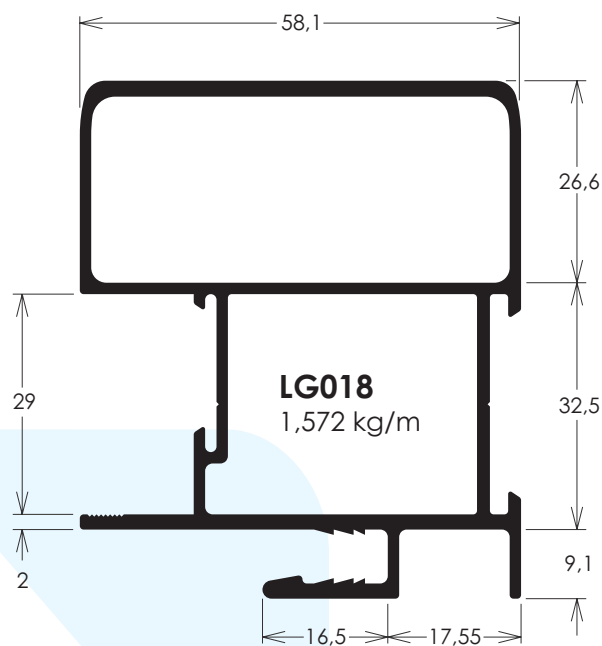
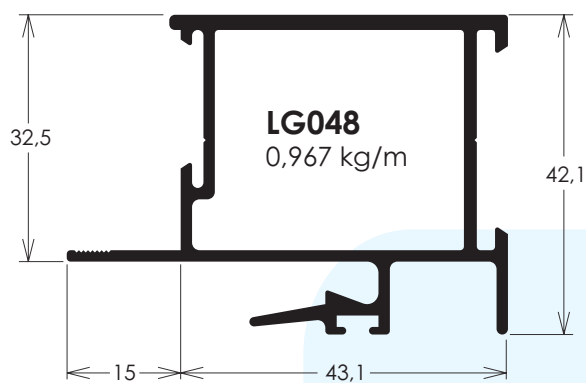


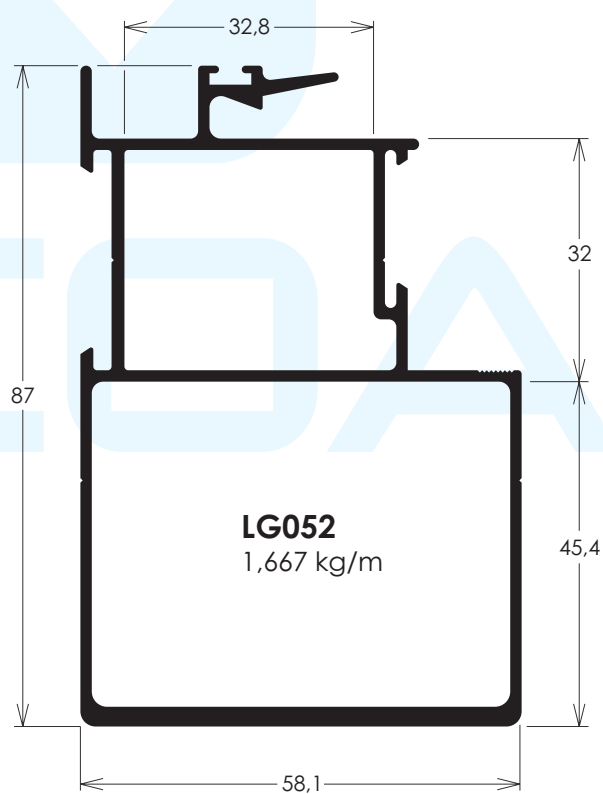
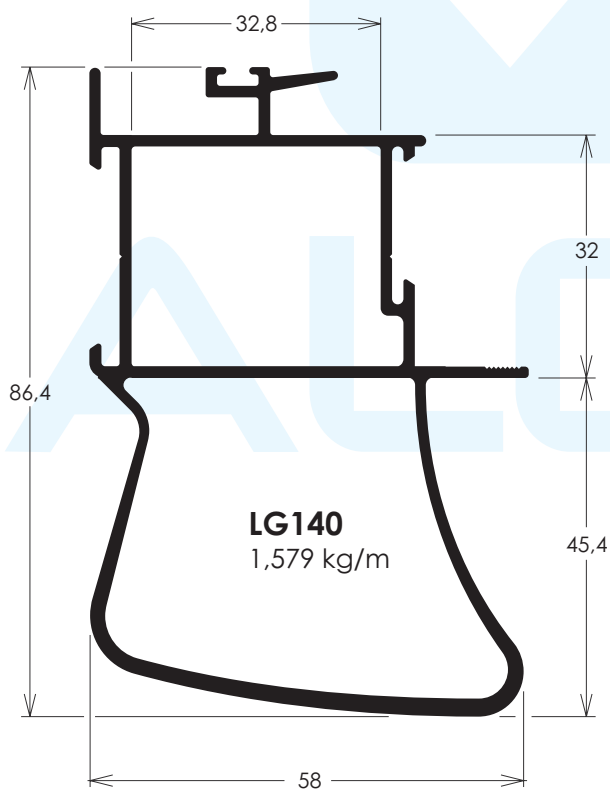
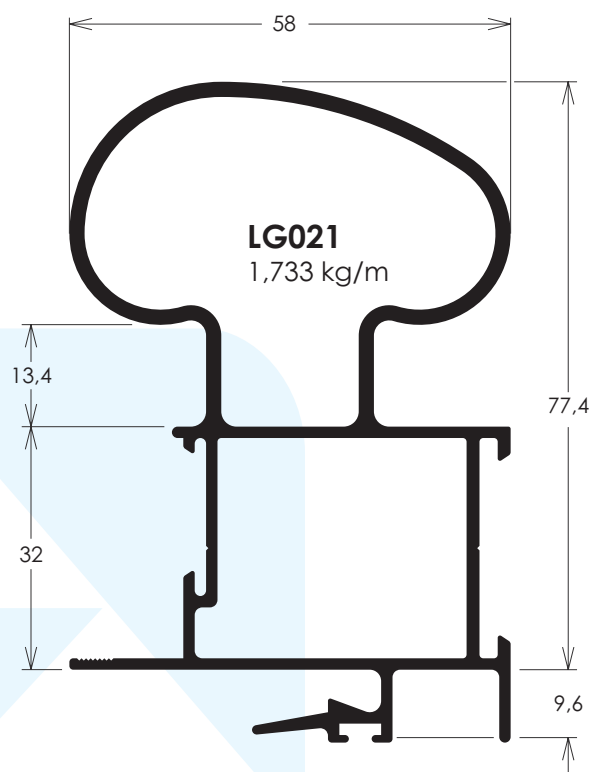
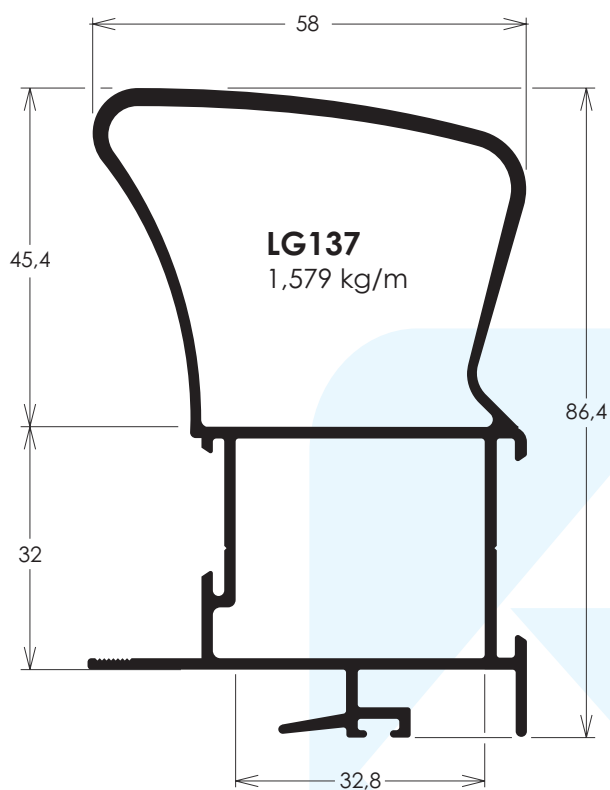


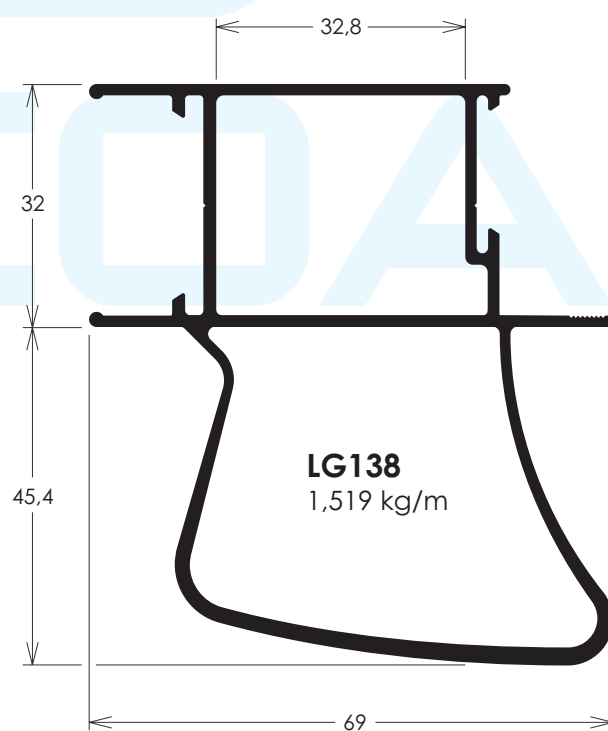
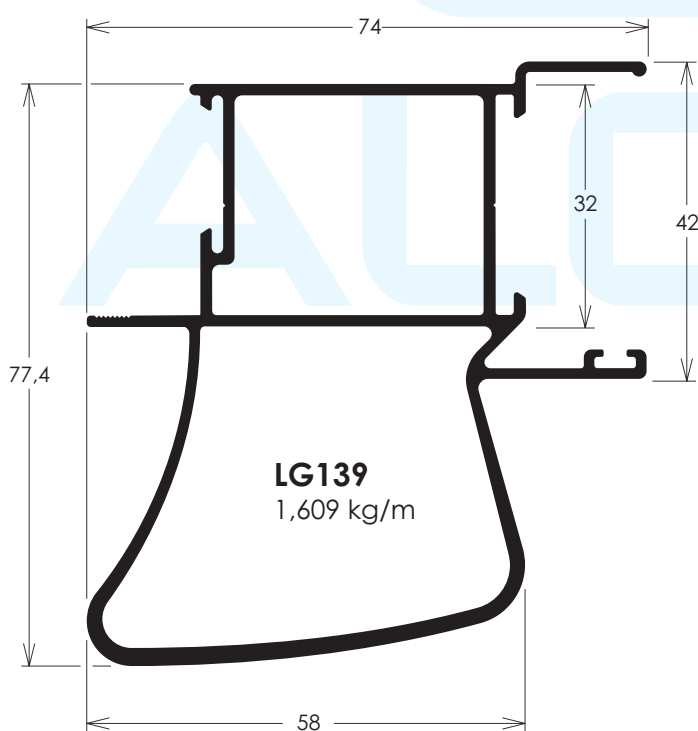
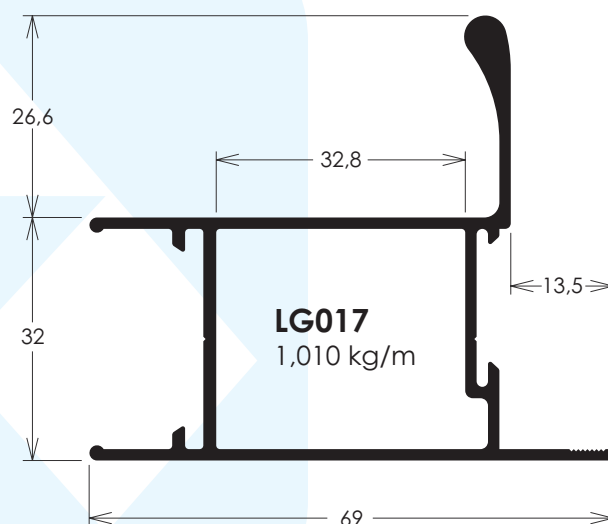
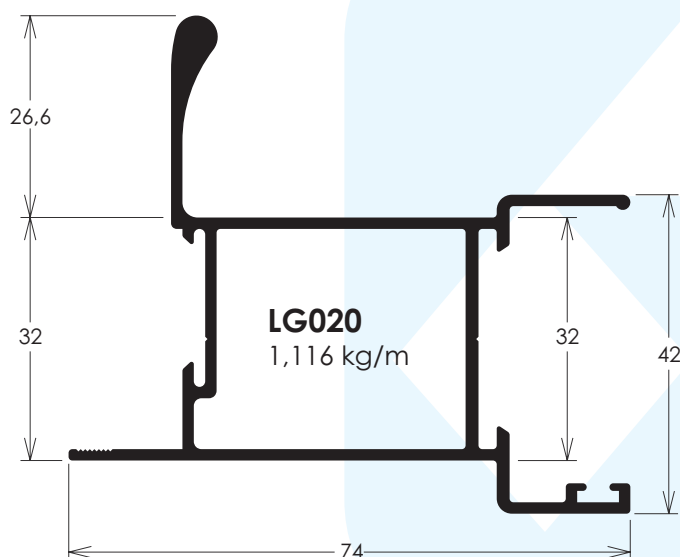
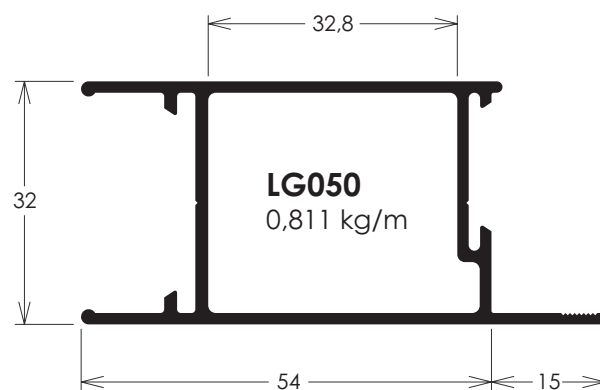
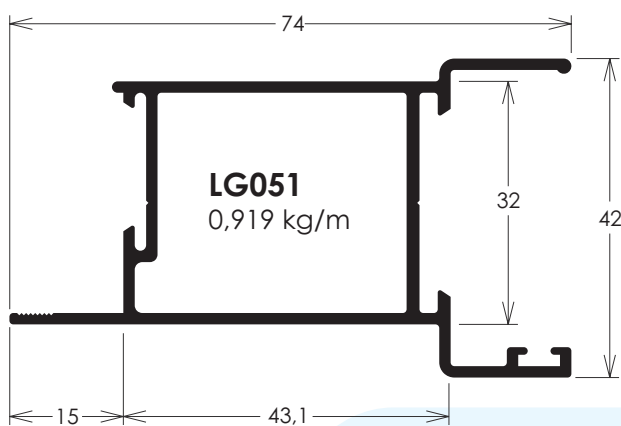


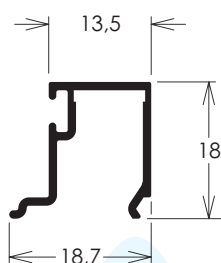
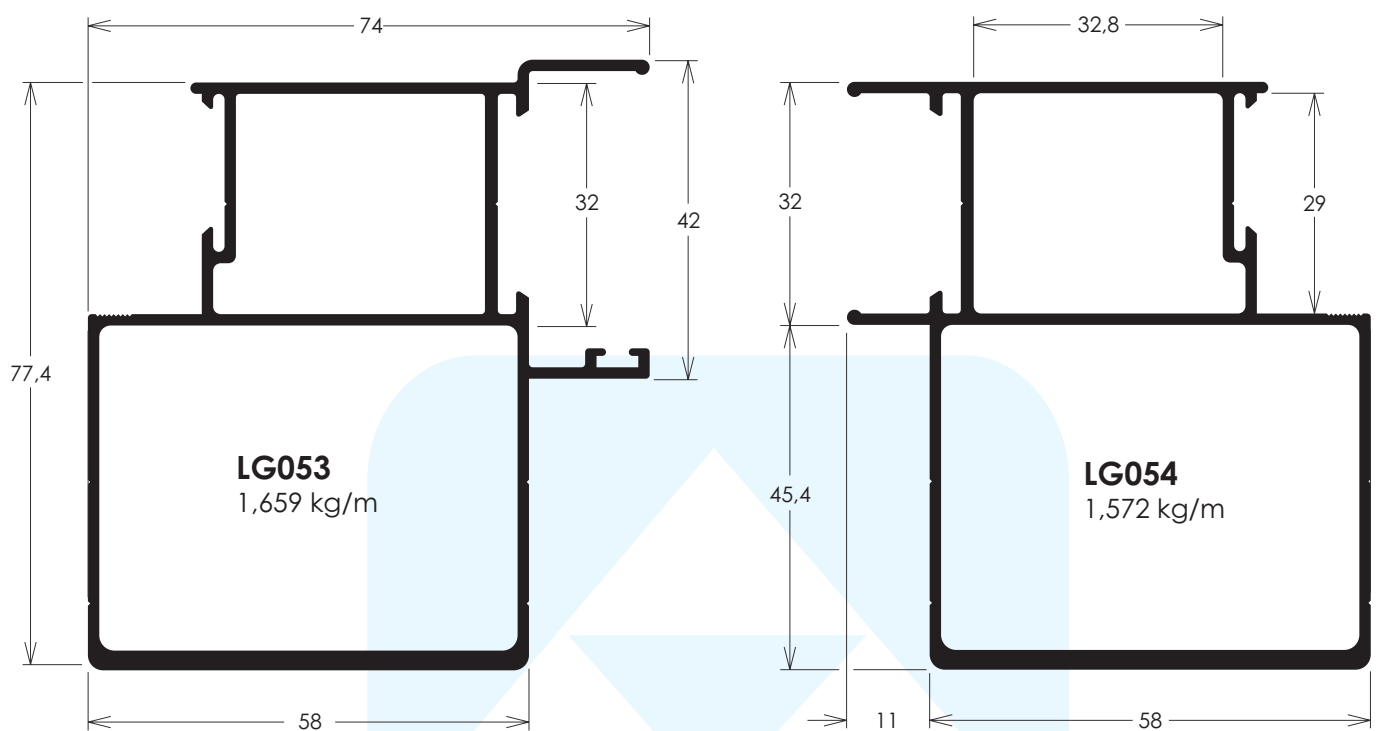




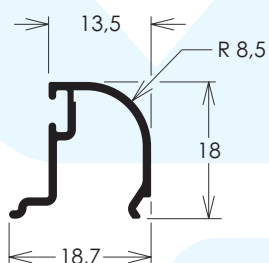




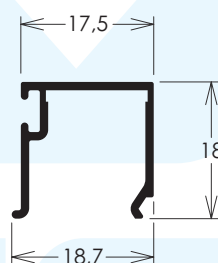




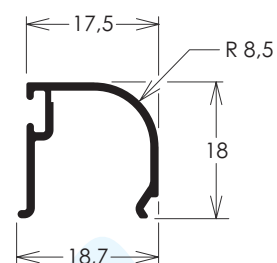
BG057
0,167 kg/m



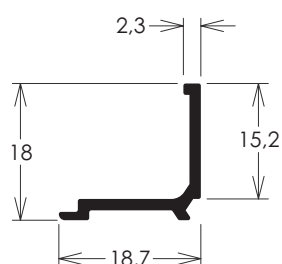
LG026
0,158 kg/m



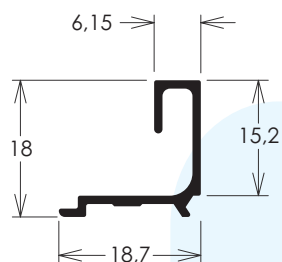
LG059
0,169 kg/m



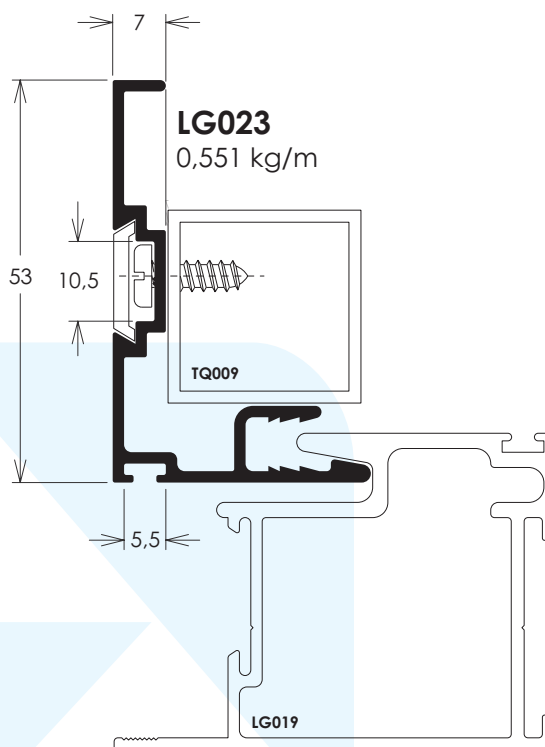
LG164
0,160 kg/m



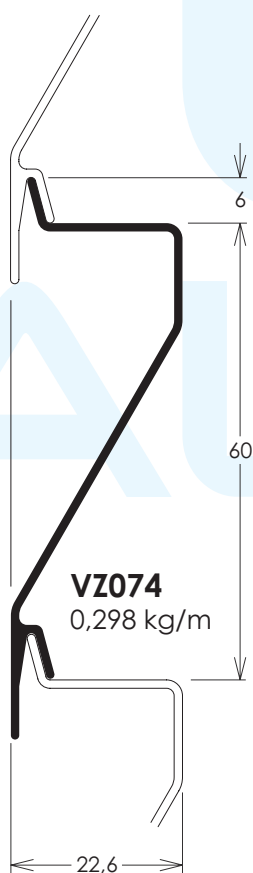
LG015
0,147 kg/m



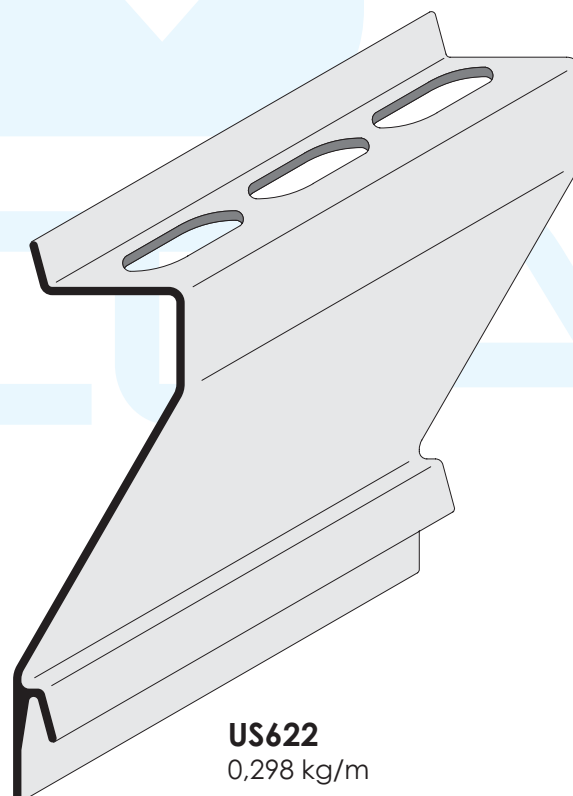
LG027
0,149 kg/m



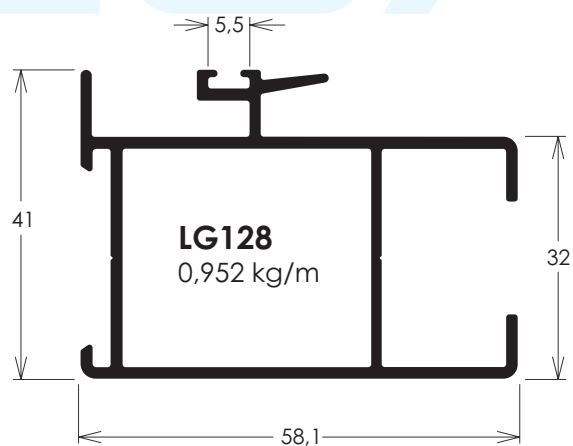
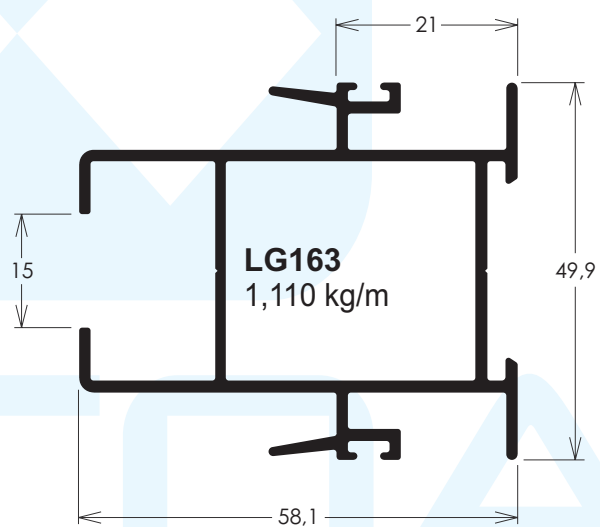
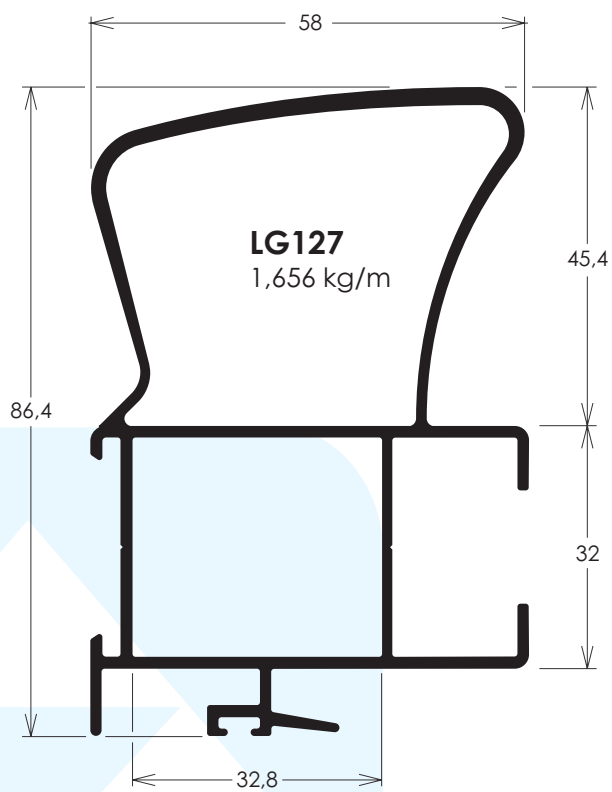
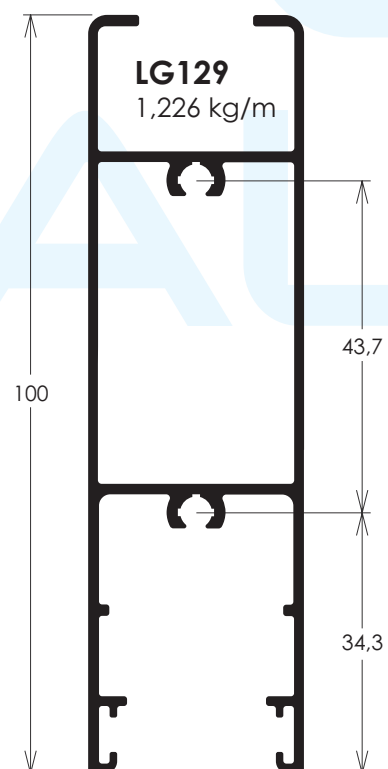
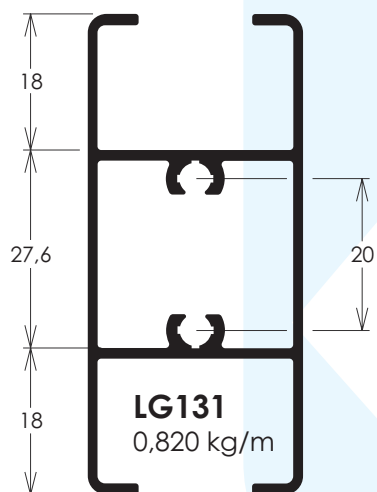
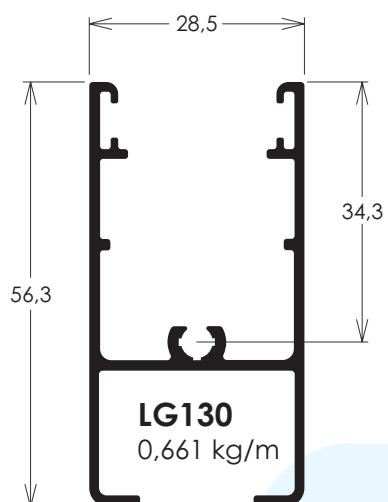
LG023
0,551 kg/m

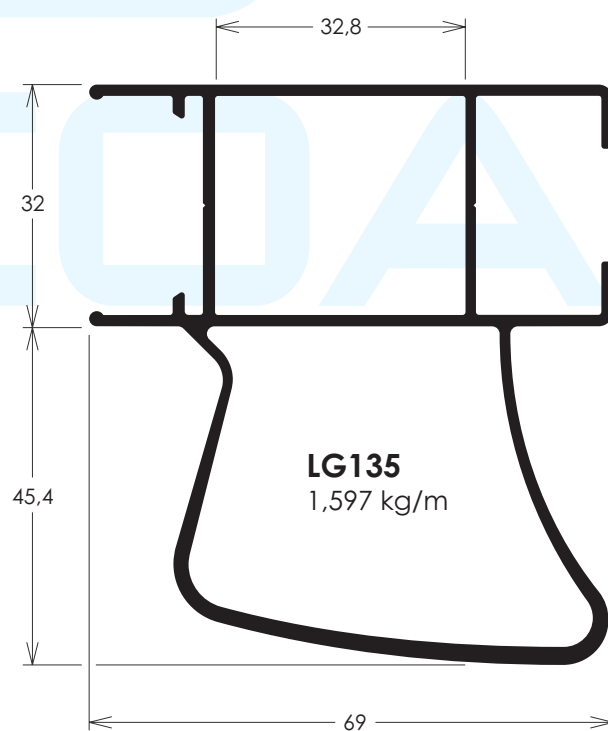
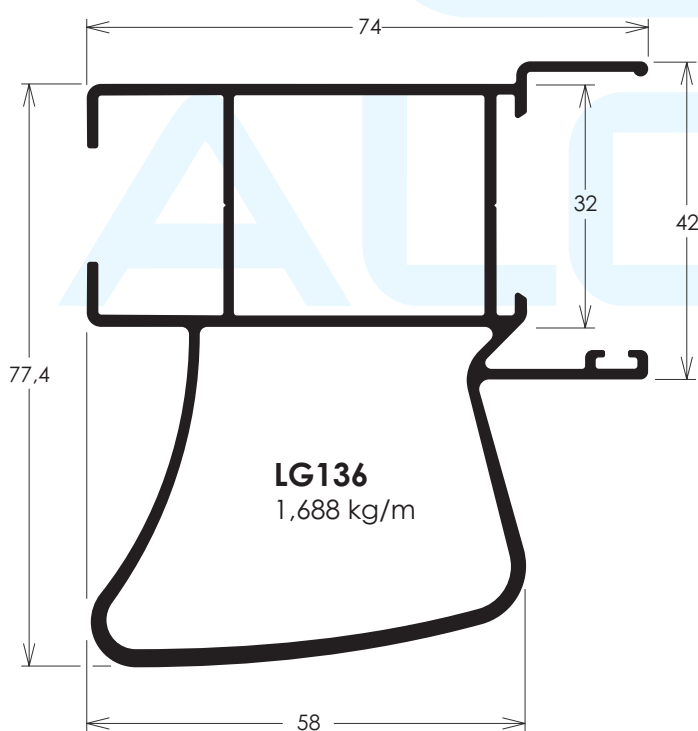
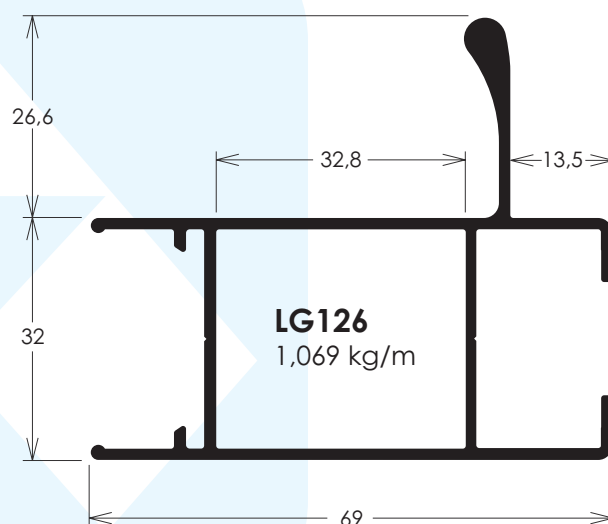
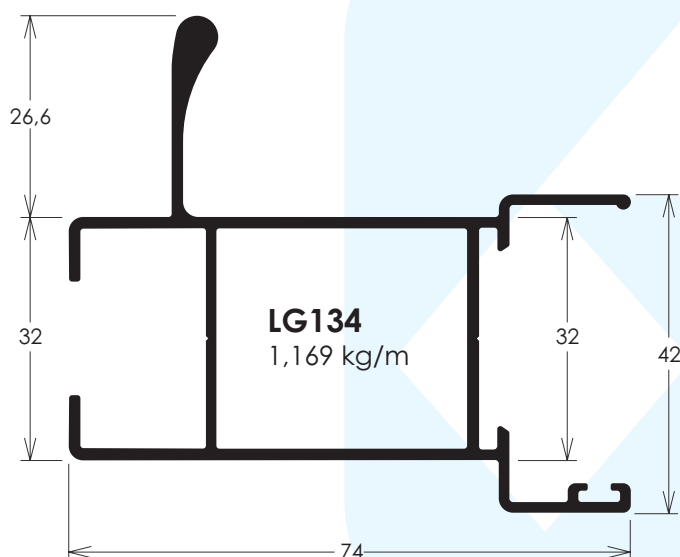
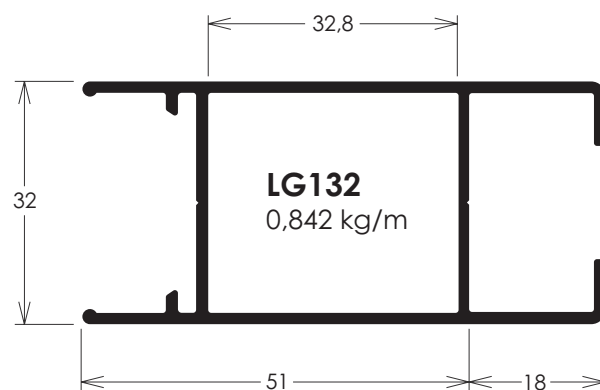
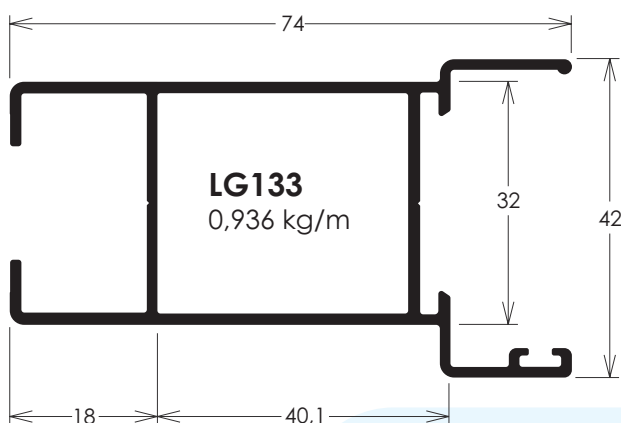


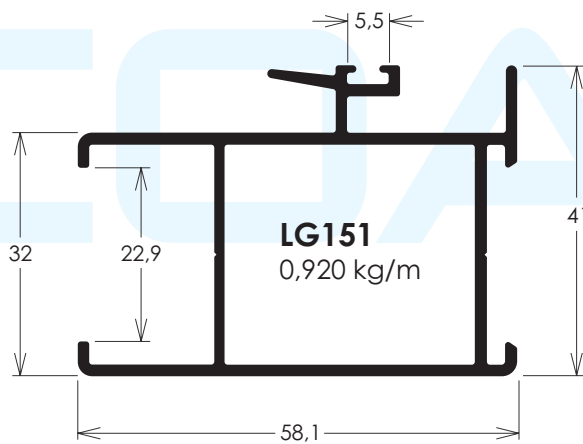
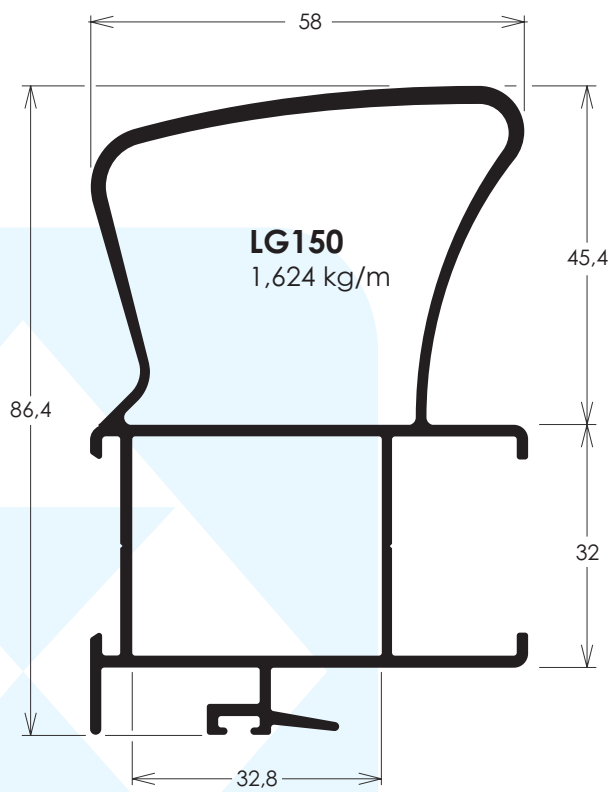
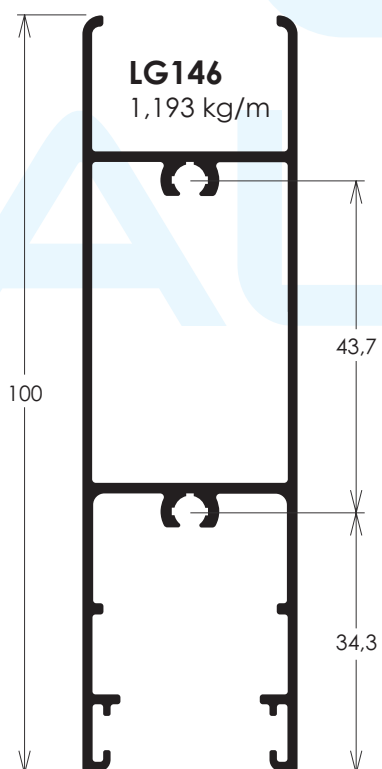
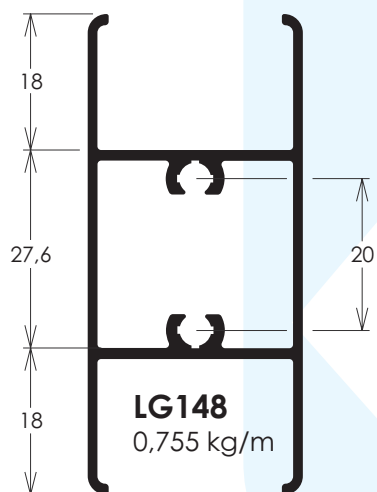
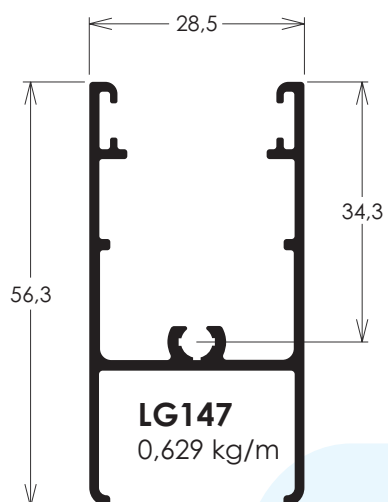
VZ074
0,298 kg/m

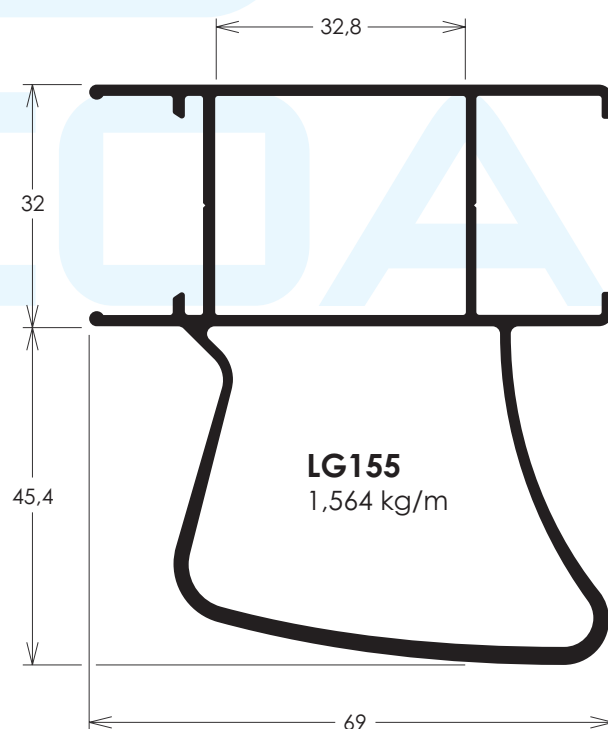
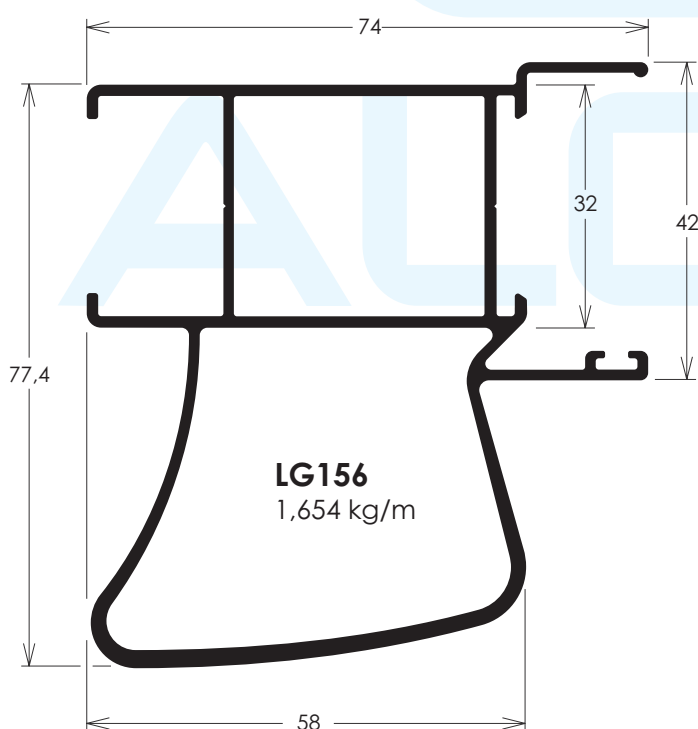
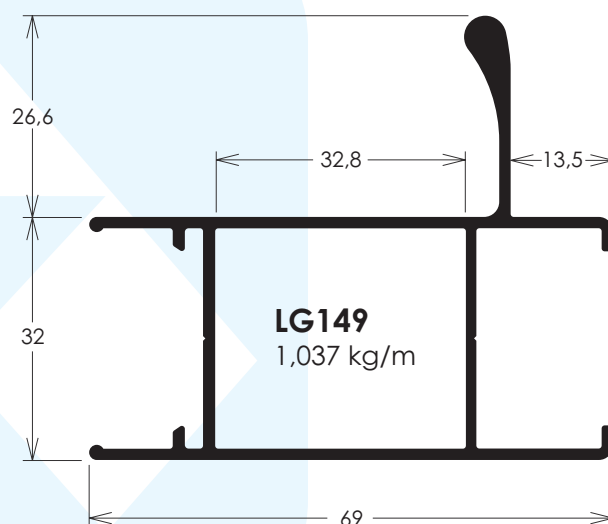
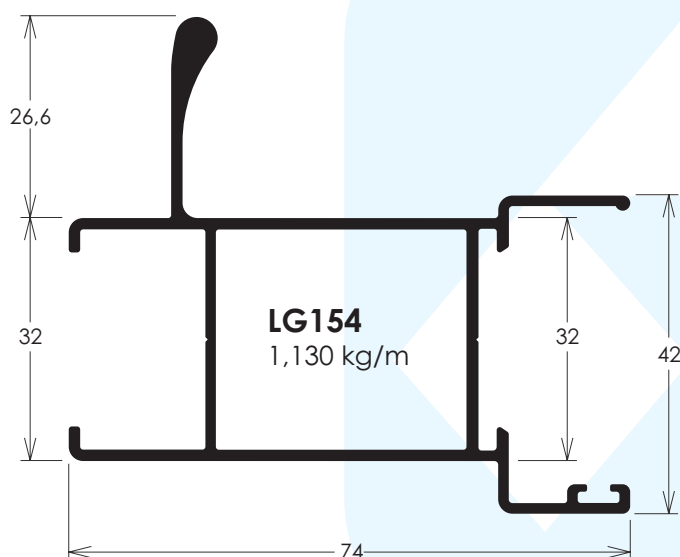
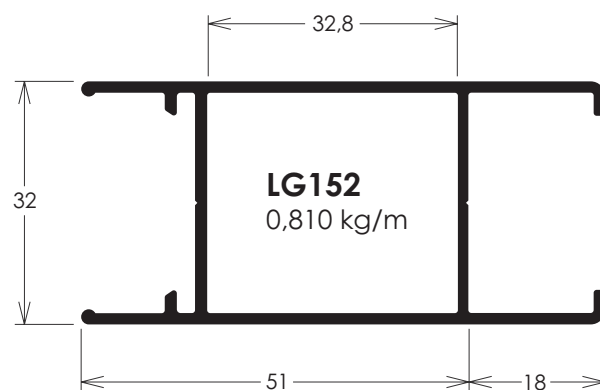
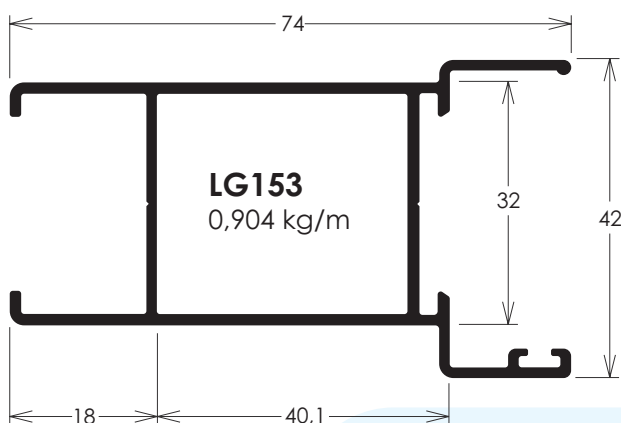


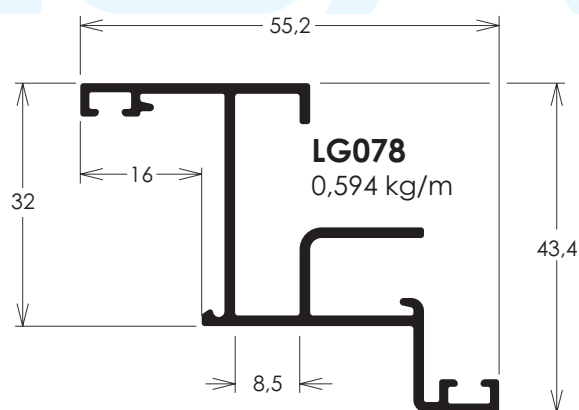
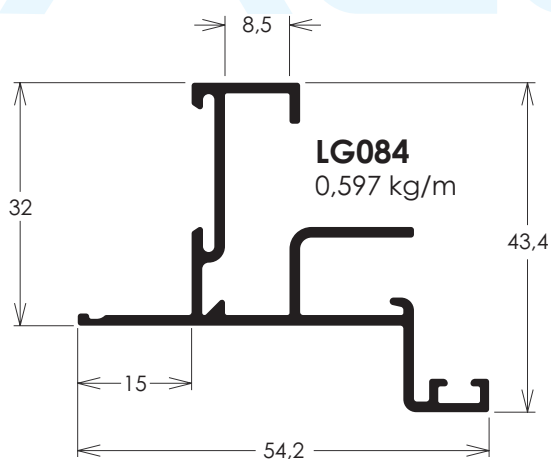
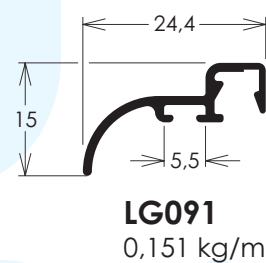
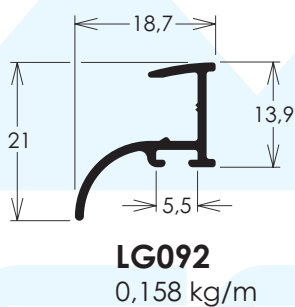
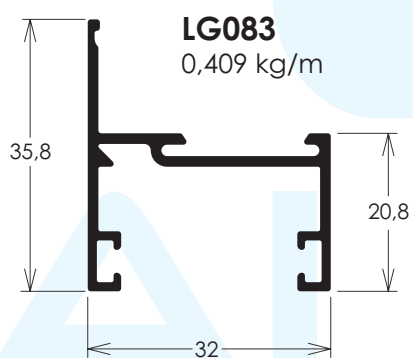
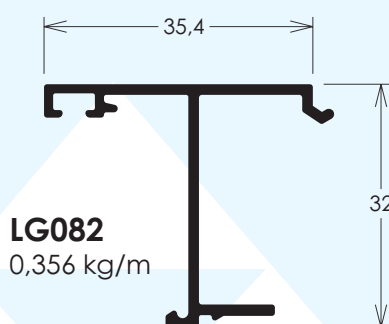
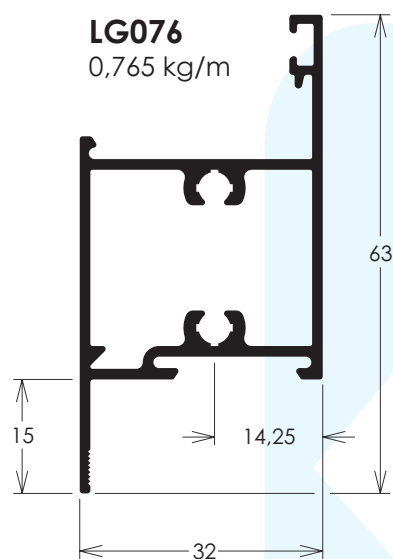
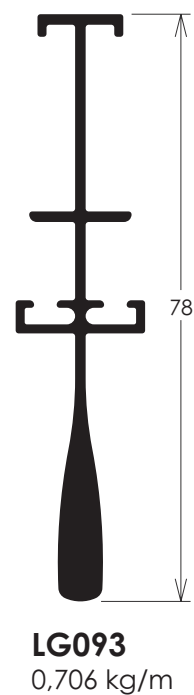
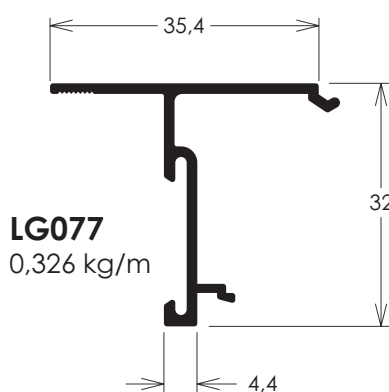
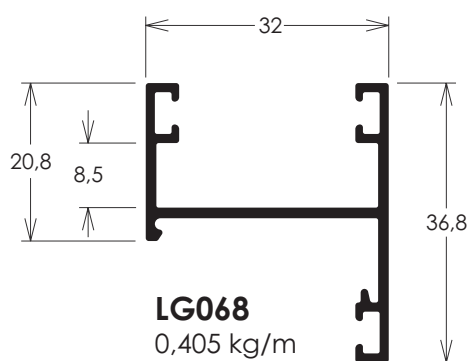
US622
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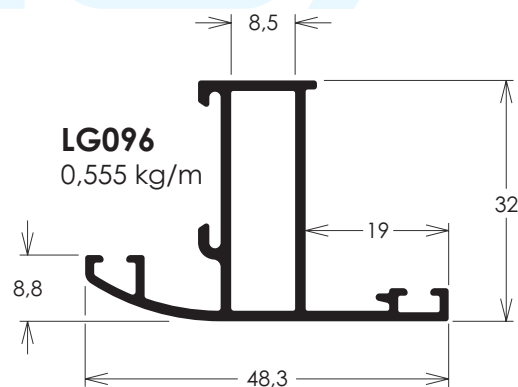
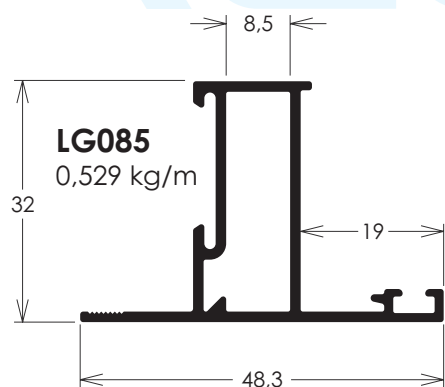
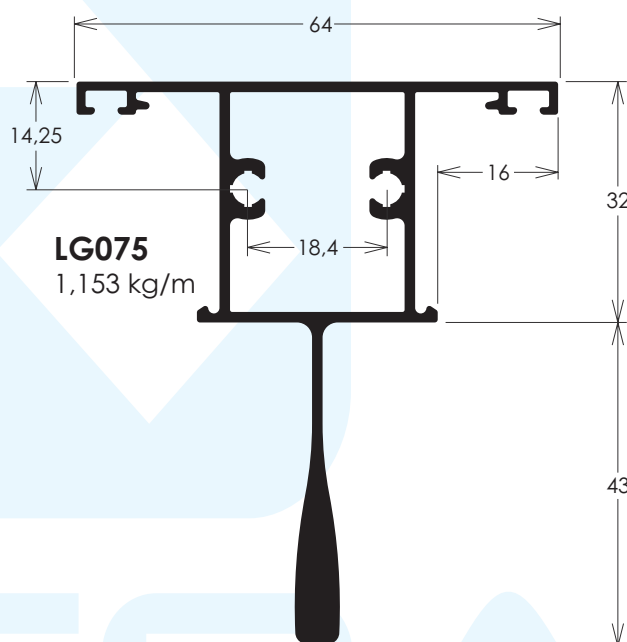
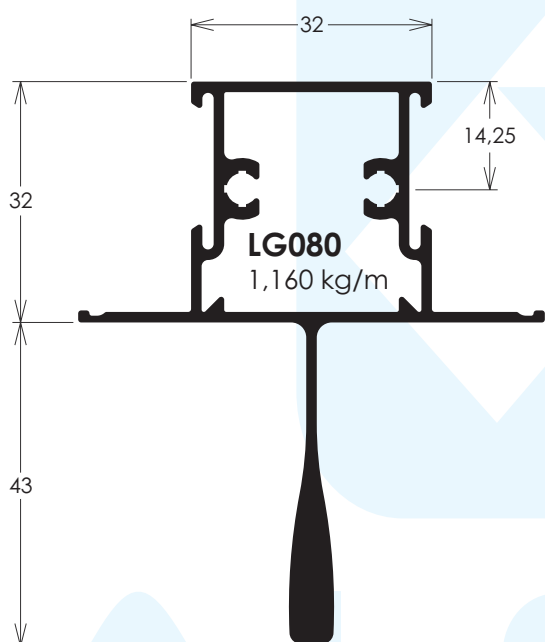
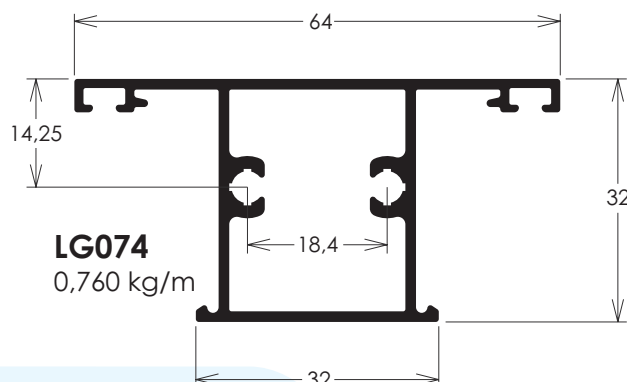
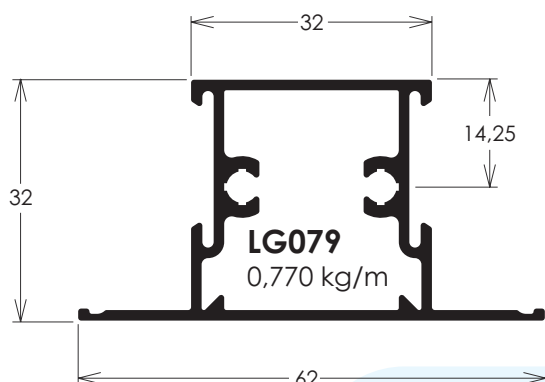


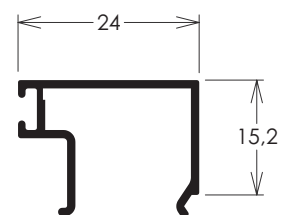
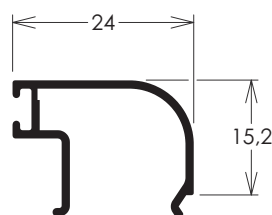
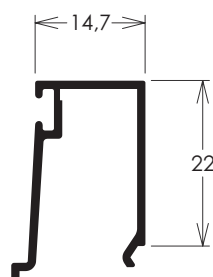
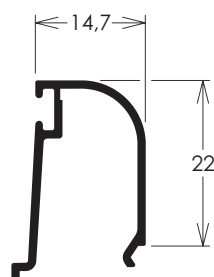
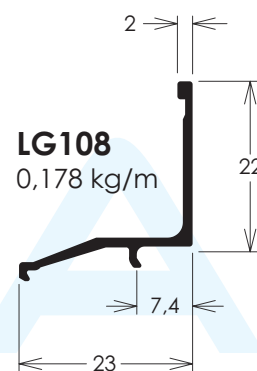
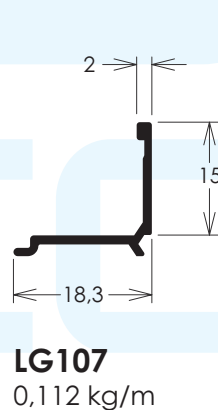
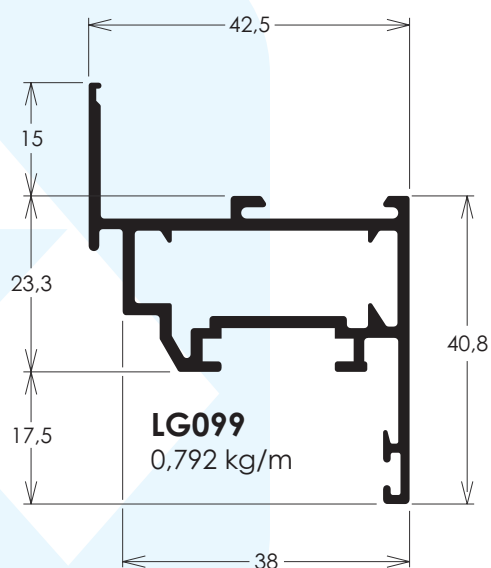
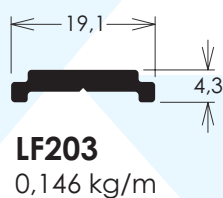
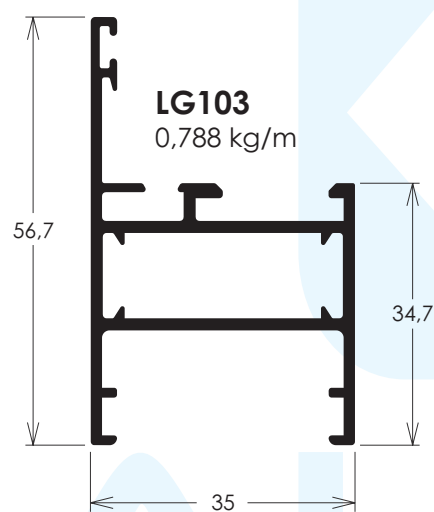
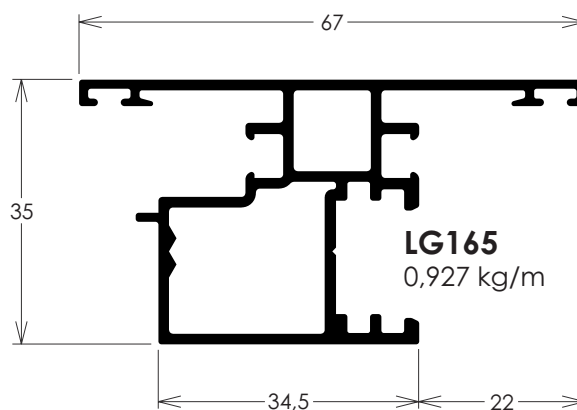
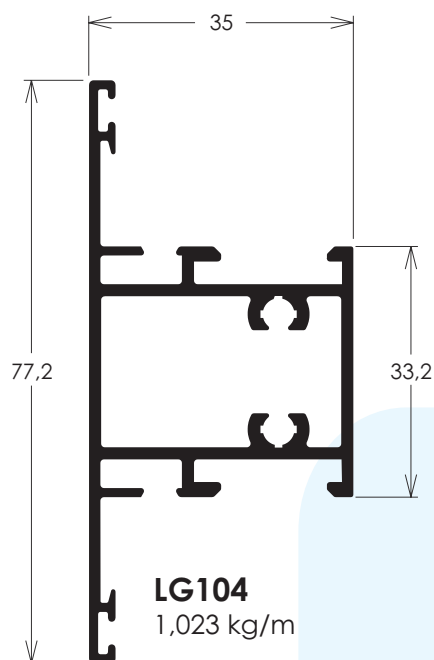


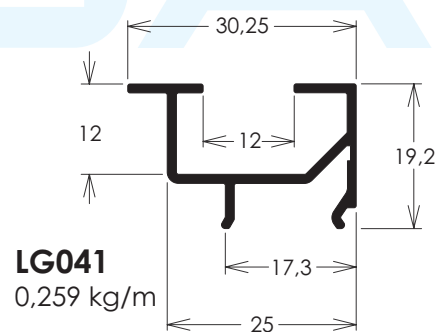
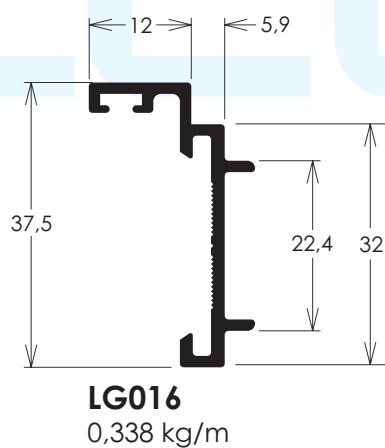
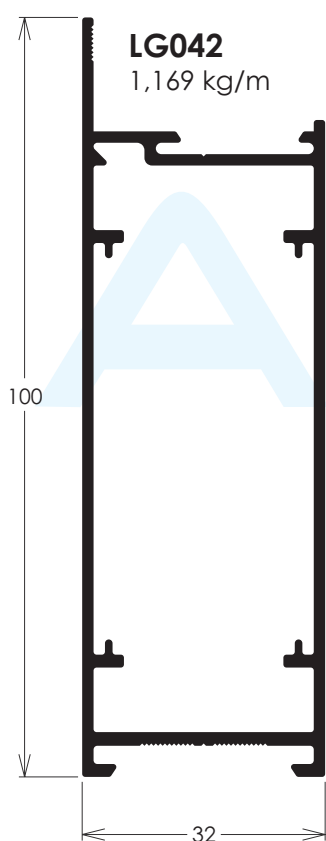
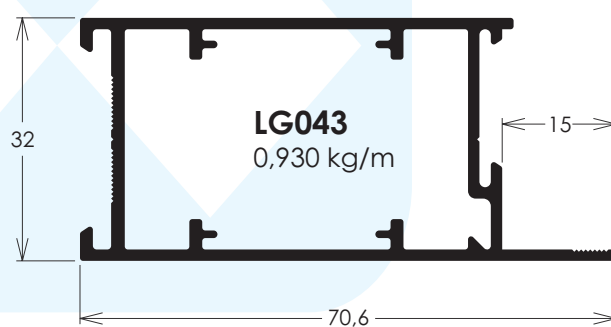
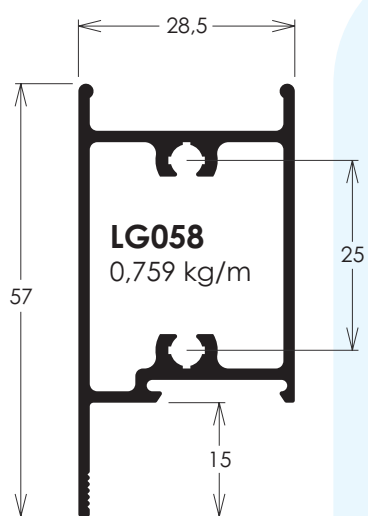
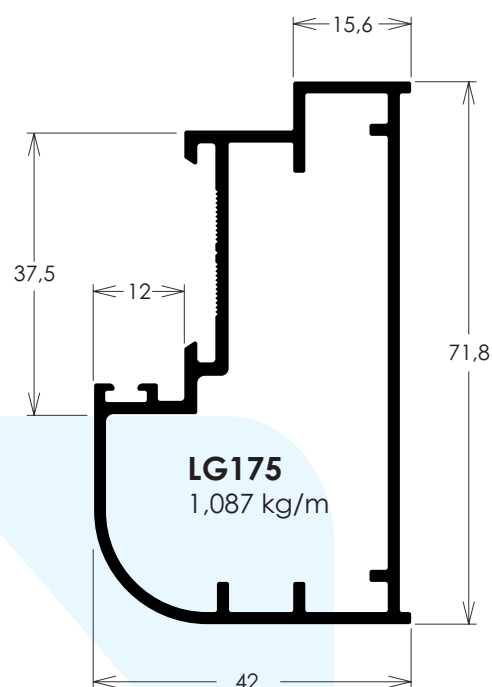
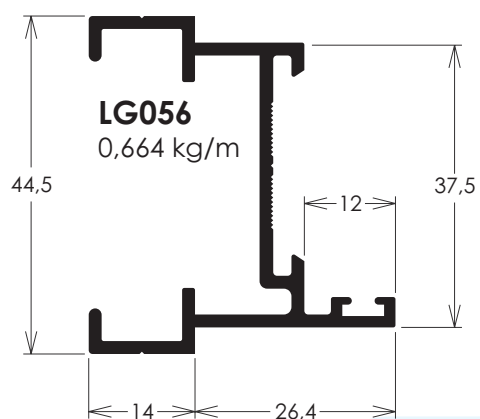






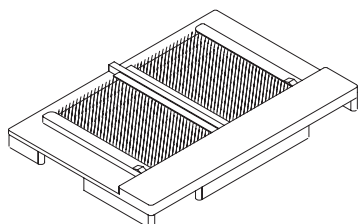




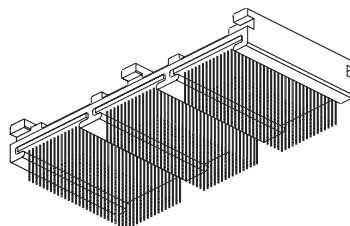


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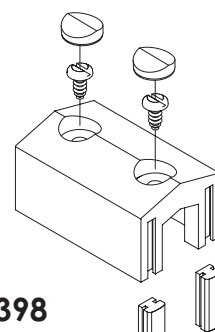
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**NYL395**

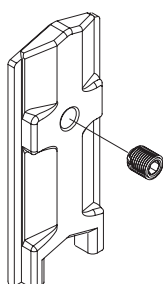
Vedação inferior
Nylon Branco ou Preto

**CON381**

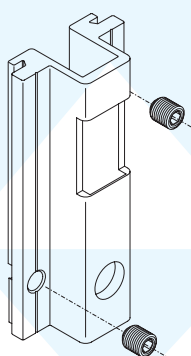
Vedação superior
Nylon Branco ou Preto

**NYL398**

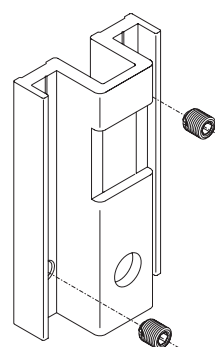
Batedeira
Nylon Branco ou Preto

**NYL396**

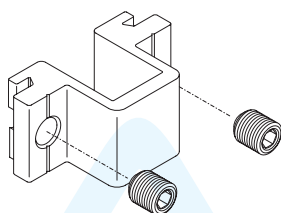
Guia e limitador superior
Nylon Branco ou Preto

**CON384**

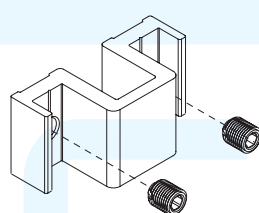
Contratesta central
para fechadura
Alumínio Branco ou Preto

**CON382**

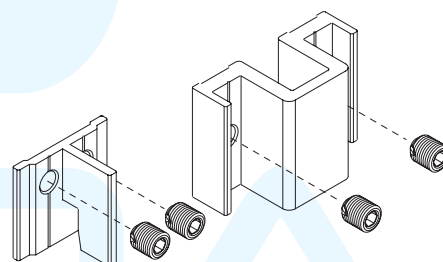
Contratesta lateral
para fechadura
Alumínio Branco ou Preto

**CON385**

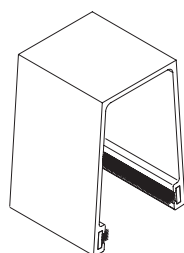
Contrafecho central
Alumínio Branco ou Preto

**CON383**

Contrafecho lateral
Alumínio Branco ou Preto

**SUP622**

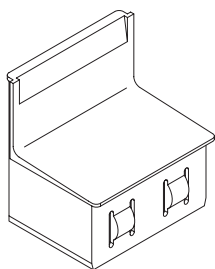
Trava da folha fixa
Alumínio Preto

**CAL929**

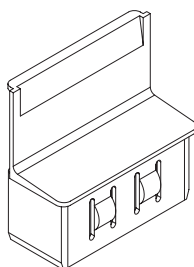
Calço vedante do montante
Alumínio Natural

**NYL042**

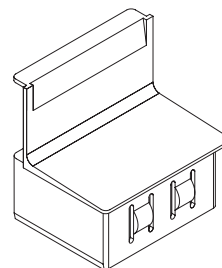
Botão tampa furo
Nylon Branco ou Preto

**NYL399**

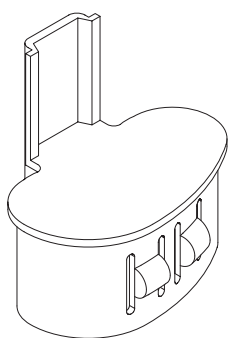
Tampa do montante LG052/LG054
Nylon Branco ou Preto

**NYL401**

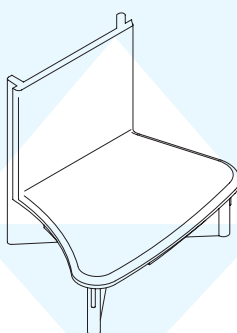
Tampa do montante LG018
Nylon Branco ou Preto

**NYL402**

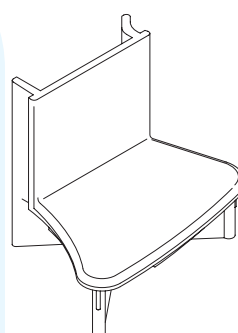
Tampa do montante LG053
Nylon Branco ou Preto

**NYL400**

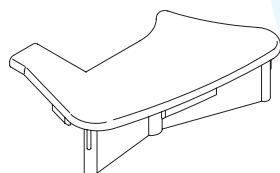
Tampa para montante LG021
Nylon Branco ou Preto

**NYL472**

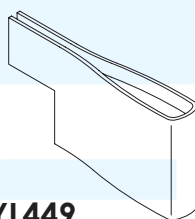
Tampa do montante LG127
Nylon Branco ou Preto

**NYL473**

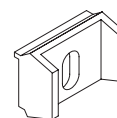
Tampa do montante LG136
Nylon Branco ou Preto

**NYL471**

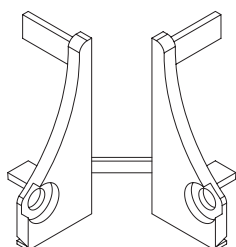
Tampa do montante LG141
Nylon Branco ou Preto

**NYL449**

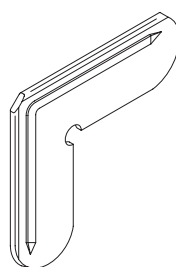
Tampa de recobrimento
Nylon Preto

**NYL190**

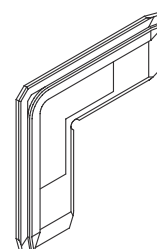
Botão de fixação
do remate
Nylon Preto

**NYL416**

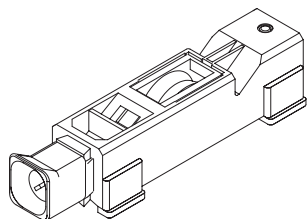
Recobrimento da soleira
Porta de Correr
Nylon Preto

**CON433**

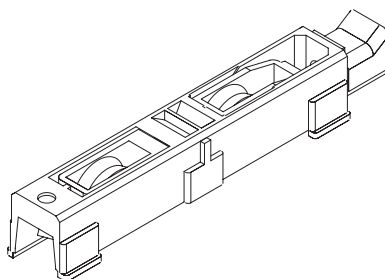
Conexão de alinhamento
Nylon Preto

**CON1004001**

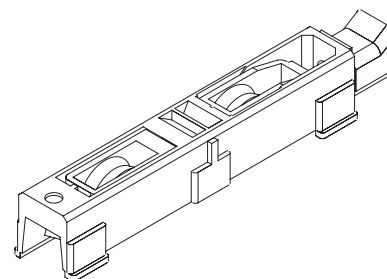
Conexão de alinhamento
Nylon Preto

**ROL468**

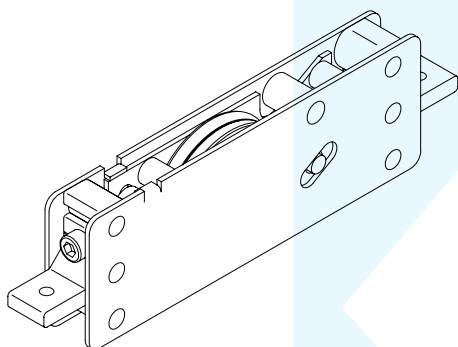
Roldana com reg. e rolam.
Capacidade: 40 kg/folha
Nylon e Zamak Preto

**ROL413**

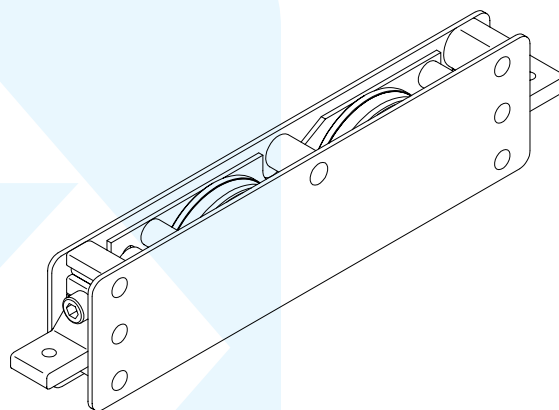
Roldana dupla com reg. e rolam.
Capacidade: 80 kg/folha
Nylon e Zamak Preto

**ROL477**

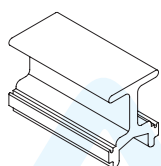
Roldana dupla com regulagem
e rolamento agulha
Capacidade: 120 kg/folha
Nylon e Zamak Preto

**ROL470**

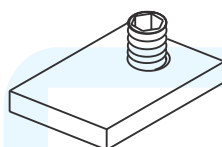
Roldana com regulagem e rolamento
Capacidade: 120 kg/folha
Nylon e Zamak Preto

**ROL471**

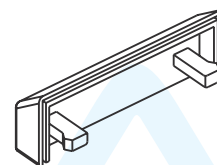
Roldana dupla com reg. e rolam.
Capacidade: 240 kg/folha
Nylon e Zamak Preto

**NYL394**

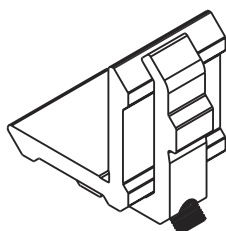
Calço para folha fixa
Nylon Preto

**CAL946**

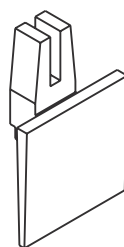
Calço com regulagem
Alumínio e Nylon

**NYL1050101**

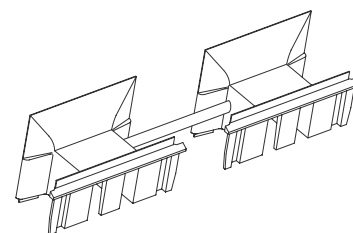
Protetor de saída d'água
Nylon Preto

**CON437**

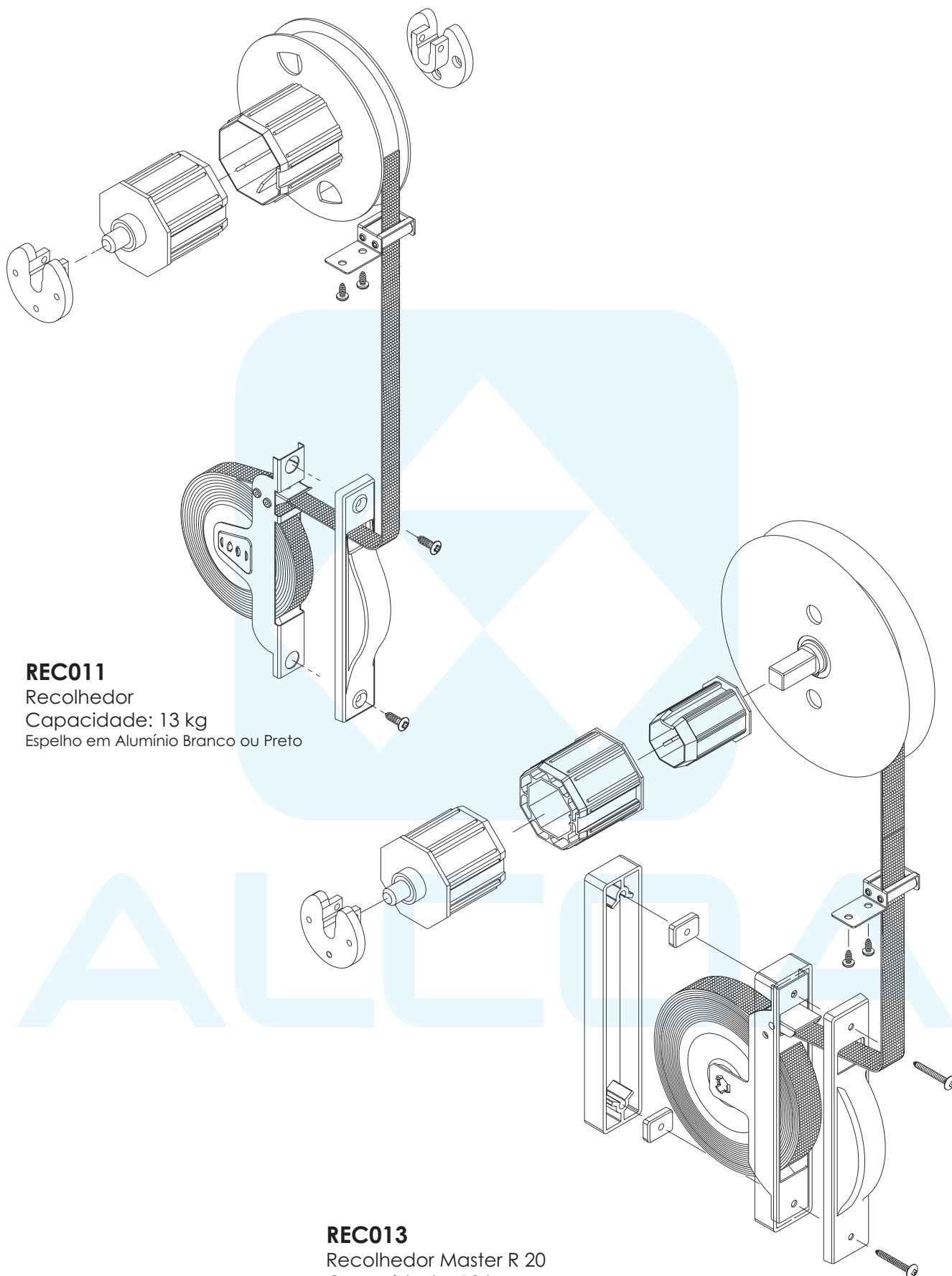
Conexão com parafuso
Alumínio

**NYL 1052501**

Tampa reversível interna
Nylon Preto

**GUA379**

Tampa reversível externa
EPDM Preto

**REC011**

Recolhedor

Capacidade: 13 kg

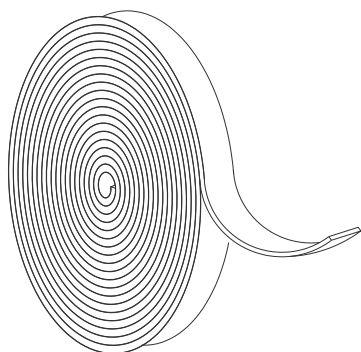
Espelho em Alumínio Branco ou Preto

REC013

Recolhedor Master R 20

Capacidade: 18 kg

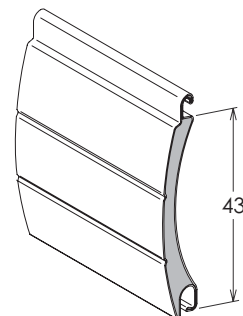
Espelho em Alumínio Branco ou Preto

**FIT247**

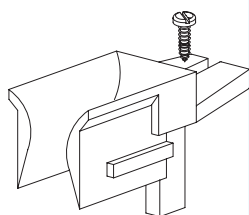
Fita de Ligação
da Persiana
Nylon Preto

**NYL743**

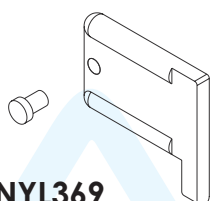
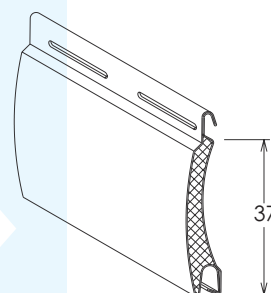
Tampa da Persiana VZP045
Nylon Preto

**VZP045 / VZC122**

Persiana nacional
Barras com 5800mm
Branco, Preto, Fosco, Bronze e Bege

**NYL370**

Guia da Persiana
Nylon Preto

**NYL369**

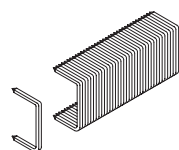
Guia e Limitador
Nylon Branco ou Preto

**NYL375**

Tampa da Persiana
Nylon Preto

	Com Ventilação	Sem Ventilação
Branco	VZP031	VZC110
Prata	VZP032	VZC111
Bronze 1003	VZP033	VZC112
Preto	VZP034	VZC113
Bronze 1002	VZP035	VZC114

Persiana Nacional / Barras com 6000 mm

**GRA001**

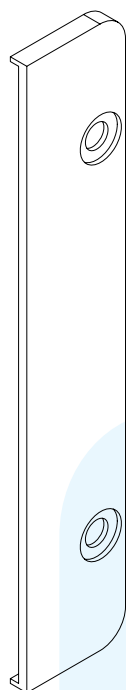
Fixador das tampas
13mm x 8mm
Aço Inox

**NYL447**

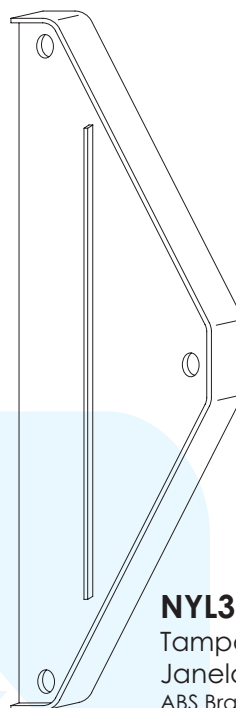
Tampa da Persiana
Grampeada
Nylon Preto

	Com Ventilação	Sem Ventilação
Branco	VZP036	VZC115
Prata	VZP037	VZC116
Bronze 1003	VZP038	VZC117
Preto	VZP039	VZC118

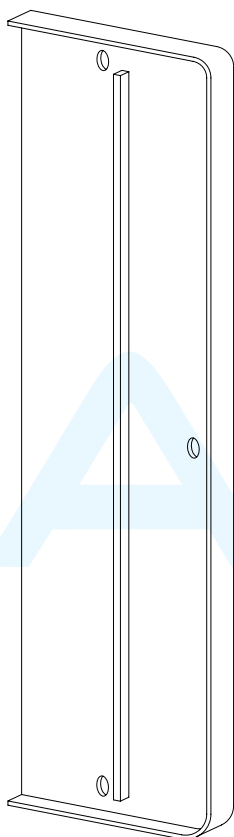
Persiana Importada / Barras com 5800 mm



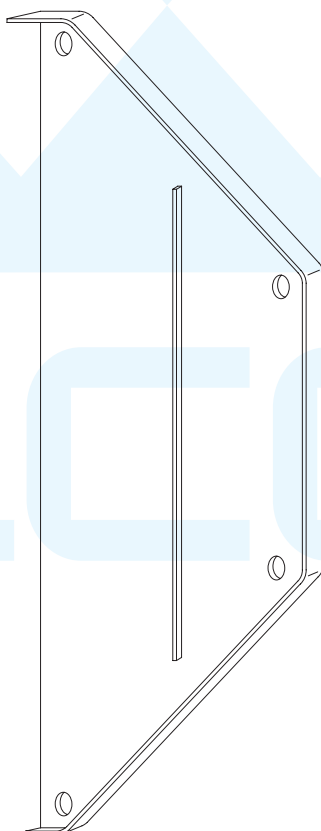
NYL382
Tampa da Caixa
Janela Integrada
Nylon Branco ou Preto



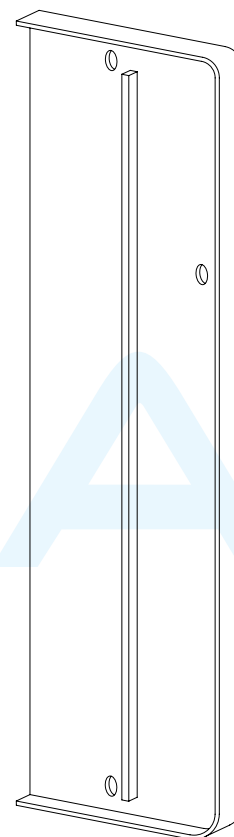
NYL371
Tampa da Caixa
Janela Integrada
ABS Branco ou Preto



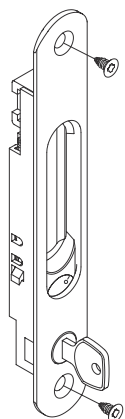
NYL383
Tampa da Caixa
Porta Integrada
Nylon Branco ou Preto



NYL372
Tampa da Caixa
Porta Integrada
ABS Branco ou Preto



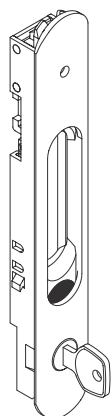
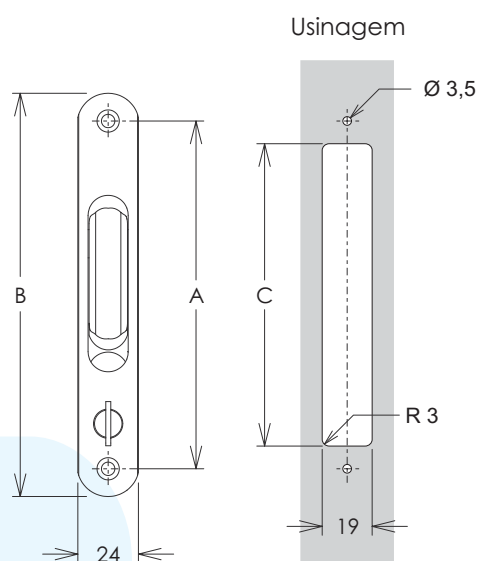
NYL481
Tampa da Caixa
Porta Integrada
Nylon Branco ou Preto



	Janelas	Portas
Fecho Concha	FEC1028	FEC1029
Concha com Chave	FEC1027	FEC1030
Concha Cega	CON444	CON445

Alumínio Branco ou Preto

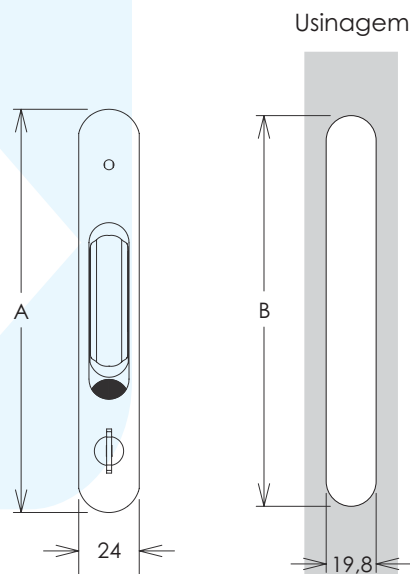
Medidas das usinagens	Janelas	Portas
A	138	170
B	160	192
C	120	120



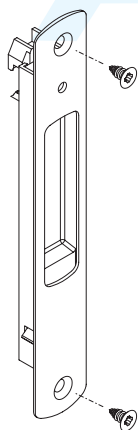
	Janelas	Portas
Fecho Concha	FEC1032	FEC1034
Concha com Chave	FEC1031	FEC1033
Concha Cega	CON446	CON447

Alumínio Branco ou Preto

Medidas das usinagens	Janelas	Portas
A	160	192
B	155	187



Obs.: Todos os fechos e conchas com chave acima, utilizam lingüeta **TRA003**

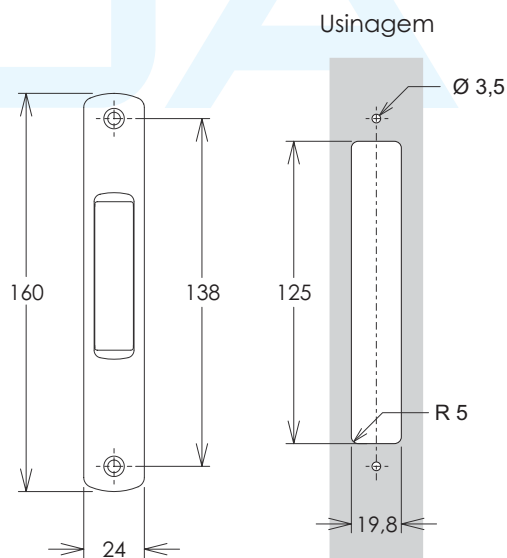


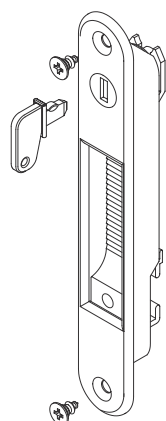
FEC1026

Fecho Concha
Alumínio Branco ou Preto
(Utiliza lingüeta TRA016)

CON443

Concha Cega
Alumínio Branco ou Preto

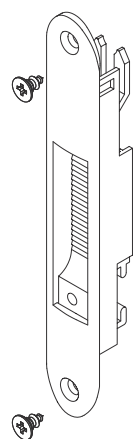
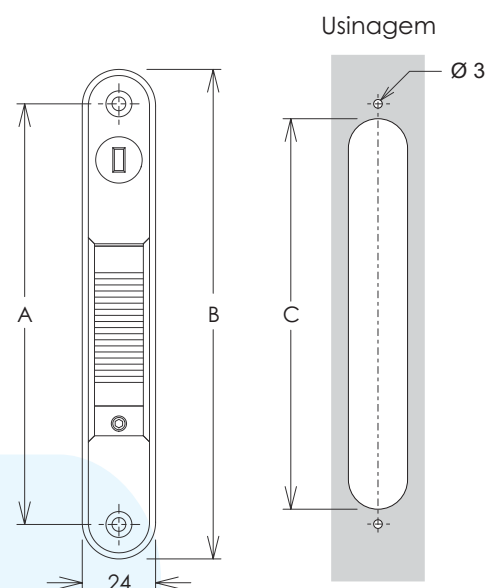




	Janelas	Portas
Fecho Concha com Chave	FEC1043	FEC1047
Fecho Concha	FEC1045	FEC1049
Concha Cega	CON450	CON451

Alumínio Branco ou Preto

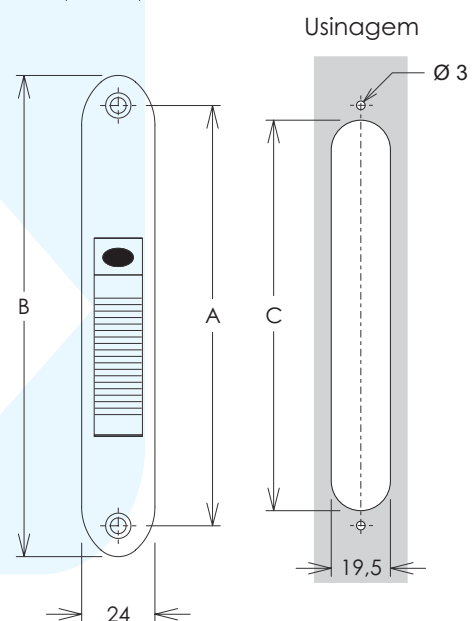
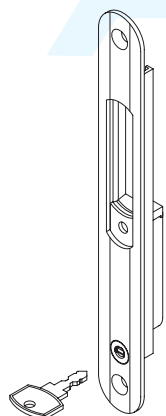
Medidas das usinagens	Janelas	Portas
A	138	170
B	161	192
C	125	158



	Janelas	Portas
Fecho Autom. Com Chave	FEC1036	FEC1040
Fecho Concha Automático	FEC1038	FEC1042
Concha Cega	CON448	CON449

Alumínio Branco ou Preto

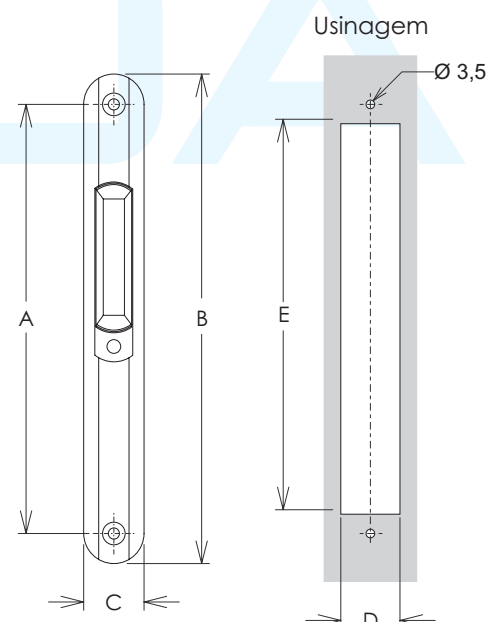
Medidas das usinagens	Janelas	Portas
A	138	180
B	158	204
C	129	133

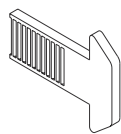
Obs.: Todos os fechos e conchas com chave acima, utilizam lingüeta **TRA011**.

	Janelas	Portas
Fecho Concha com Chave	FEC1064	FEC1063
Fecho Concha	FEC1061	FEC1062
Concha Cega	CON280	FEC1013
Lingüeta	TRA017	TRA013

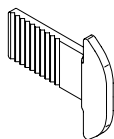
Alumínio Branco ou Preto

Medidas das usinagens	Janelas	Portas
A	138	170
B	153	194
C	26	24
D	20,5	20
E	120	142

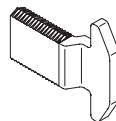


**TRA003**

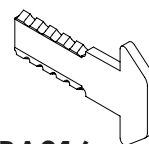
Trava para fecho
Aço Inox

**TRA011**

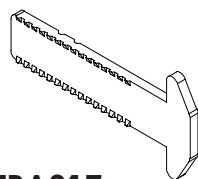
Trava para fecho
Aço Inox

**TRA013**

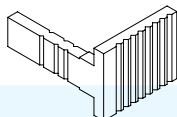
Trava para fecho
Zamak

**TRA016**

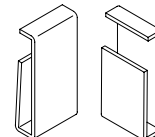
Trava para fecho
Aço Inox

**TRA017**

Trava para fecho
Aço Inox

**CON110**

Conexão para Fecho
Duplo (interno/externo)
Zamak

**CON463**

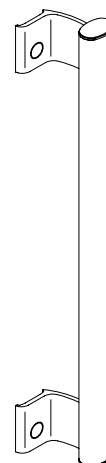
Capa para contrafecho
Aço inox

**PUX152**

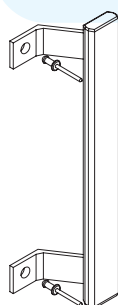
Puxador 245mm
Porta de Correr
Alumínio Fosco, Branco ou Preto

**PUX154**

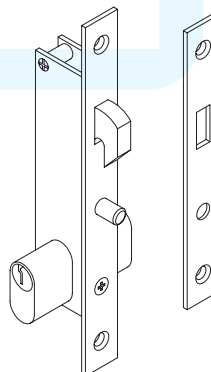
Puxador 400mm
Porta de Correr
Alumínio Fosco, Branco ou Preto

**PUX156**

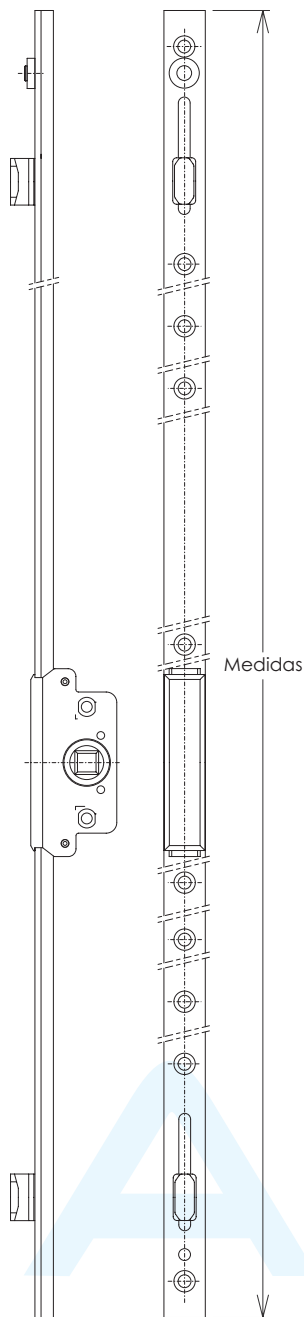
Puxador 600mm
Porta de Correr
Alumínio Fosco, Branco ou Preto

**PUX006**

Puxador
Porta de Correr
Alumínio Branco ou Preto

**FRA823**

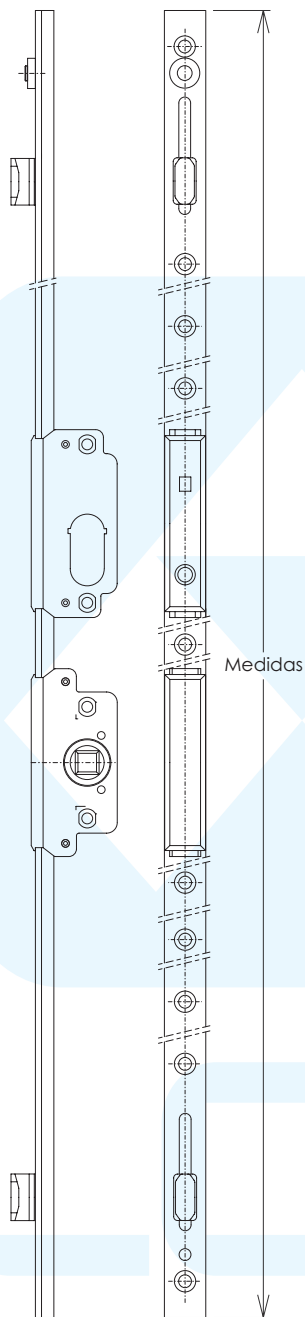
Fechadura
Porta de Correr
Latão Branco, Fumê ou Cromado



Kit trava 2 pontos

Medidas	Sem chave
800	KIT610
1600	KIT612

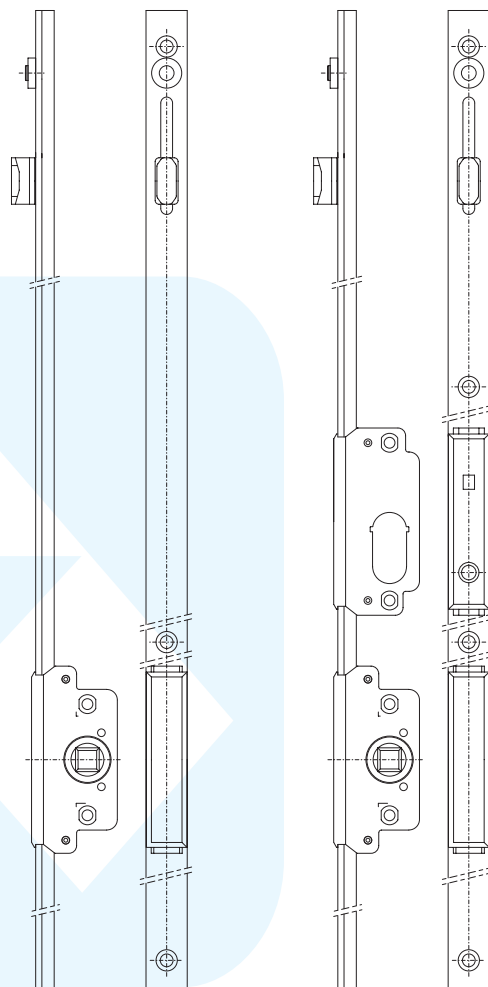
Alumínio e Zamac



Kit trava 2 pontos

Medidas	Com chave
800	KIT613
1600	KIT615

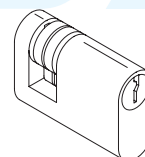
Alumínio e Zamac

**KIT616**

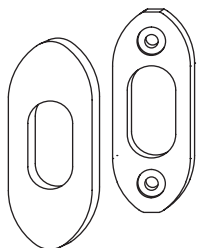
Kit trava 1 ponto
300mm - Sem chave
Alumínio e Zamac

KIT617

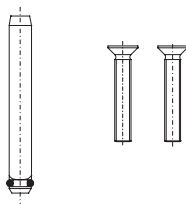
Kit trava 1 ponto
500mm - Com chave
Alumínio e Zamac

**CIL003**

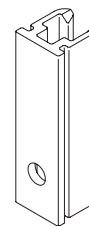
Cilindro um lado
Fecho Multipunto
Latão Cromado

**ESP955**

Espelho p/ cilindro
Nylon Branco ou Preto

**HAS925**

Conjunto Haste / Parafuso
55mm - Cremona s/ chave
Aço Inox

**CON454**

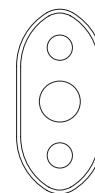
Contrafecho - Cremona
Alumínio Branco ou Preto

**FEC1066** (punho c/ 113mm)**FEC1068** (punho c/ 157mm)

Fecho Cremona
Alumínio Branco ou Preto

**FEC1067** (punho c/ 113mm)**FEC1069** (punho c/ 158mm)

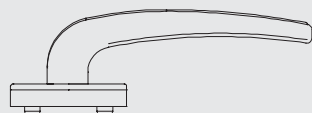
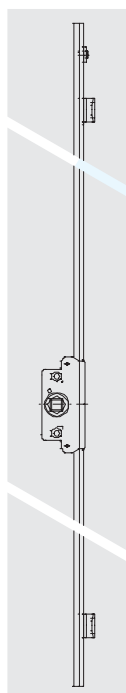
Fecho Cremona
Alumínio Branco ou Preto

**NYL479**

Calço da Cremona
Nylon Branco ou Preto

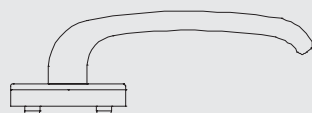
Cremona

Composição de conjunto Multiponto



Maçaneta

ou



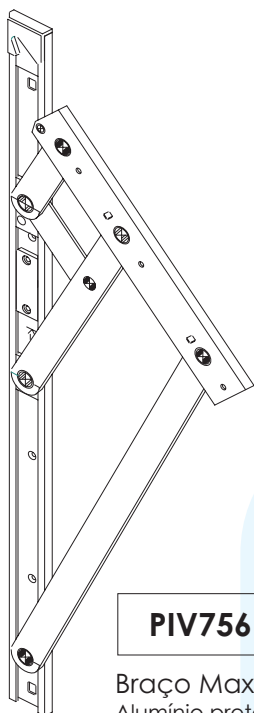
Maçaneta



Conjunto haste/parafuso



Contrafecho - Cremona

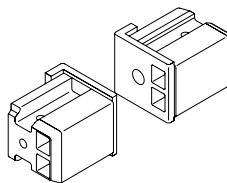


	Dimensão	Altura da Folha	Carga Máxima
PIV756	222	Min: 230 Max: 400	20kg

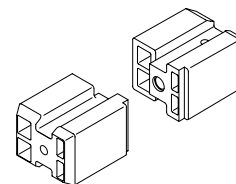
Braço Maxim ar
Alumínio preto

BRA766	342	Min: 435 Max: 600	22kg
BRA767	600	Min: 690 Max: 1000	30kg
BRA768	951	Min: 1040 Max: 1200	36kg

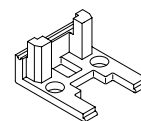
Braço Maxim ar
Alumínio Branco, Preto ou Fosco

**CON434**

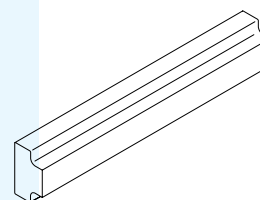
Conexão para montante
Nylon Preto

**CON435**

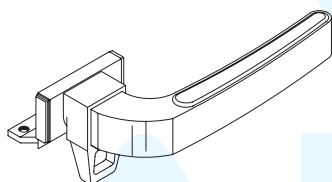
Conexão para montante
Nylon Preto

**CON436**

Conexão para montante
Nylon Branco ou Preto

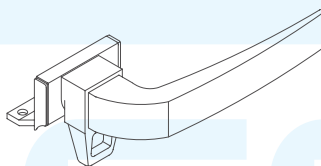
**CAL945**

Calço de vedação
26mm
Nylon Preto

**FEC493** (DIREITO)**FEC494** (ESQUERDO)

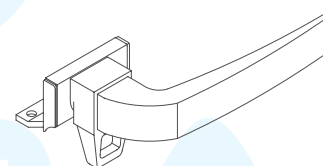
Fecho Punho

Alumínio Branco, Preto ou Fosco

**FEC495** (DIREITO)**FEC496** (ESQUERDO)

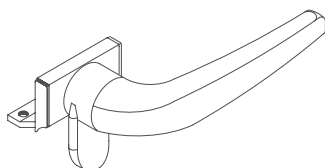
Fecho Punho

Alumínio Branco, Preto ou Fosco

**FEC1000** (DIREITO)**FEC1001** (ESQUERDO)

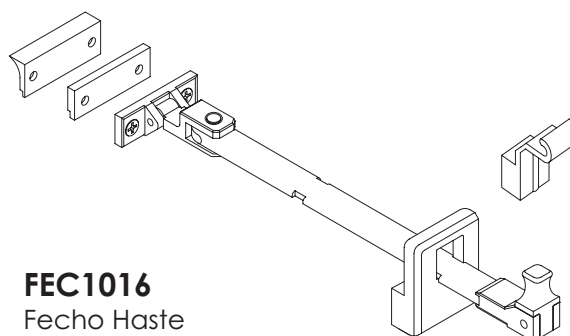
Fecho Punho

Alumínio Preto

**FEC1002** (DIREITO)**FEC1003** (ESQUERDO)

Fecho Punho

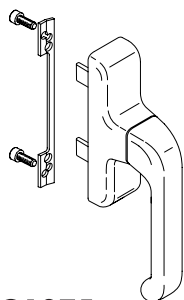
Alumínio Branco ou Preto

**FEC1016**

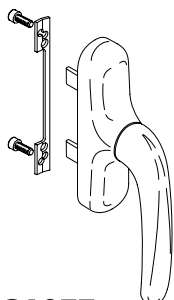
Fecho Haste

Folha com Bagueira

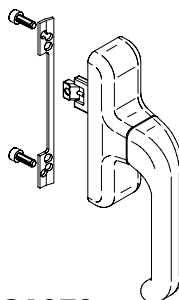
Alumínio Branco ou Preto

**FEC1075**

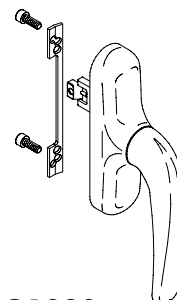
Fecho Cremona
Janela de Giro
Alumínio Branco ou Preto

**FEC1077**

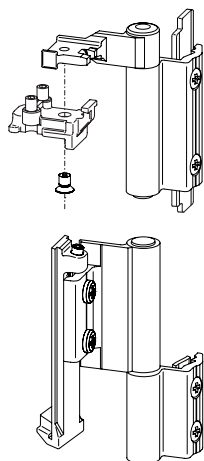
Fecho Cremona
Janela de Giro
Alumínio Branco ou Preto

**FEC1078**

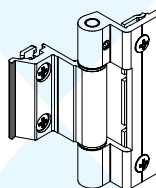
Fecho Cremona
Janela Abre e Tomba
Alumínio Branco ou Preto

**FEC1089**

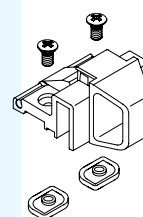
Fecho Cremona
Janela Abre e Tomba
Alumínio Branco ou Preto

**DOB855**

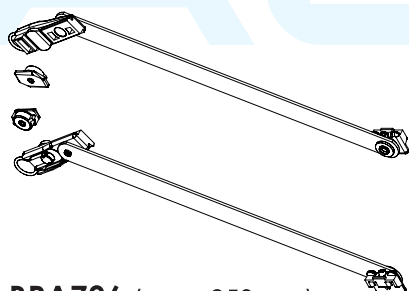
Dobradiça Abre e Tomba
2ª folha
Alumínio Branco ou Preto

**DOB856**

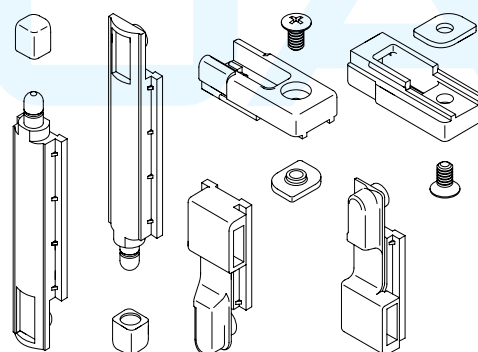
Dobradiça
Janela de Giro e Tombar
Alumínio Branco ou Preto

**FEC1092**

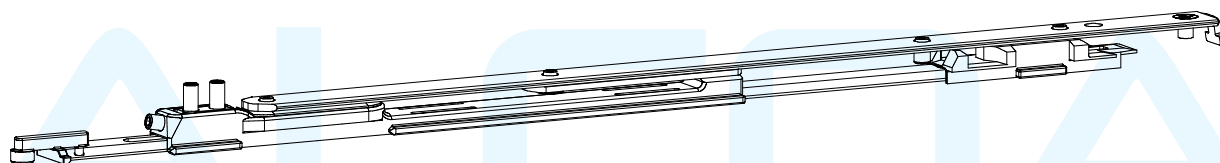
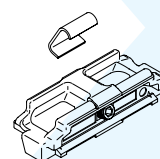
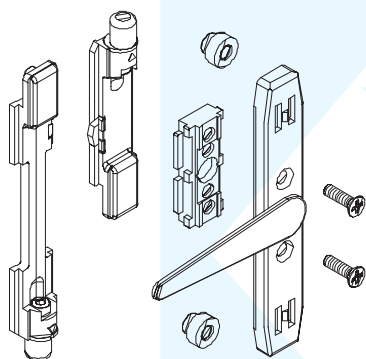
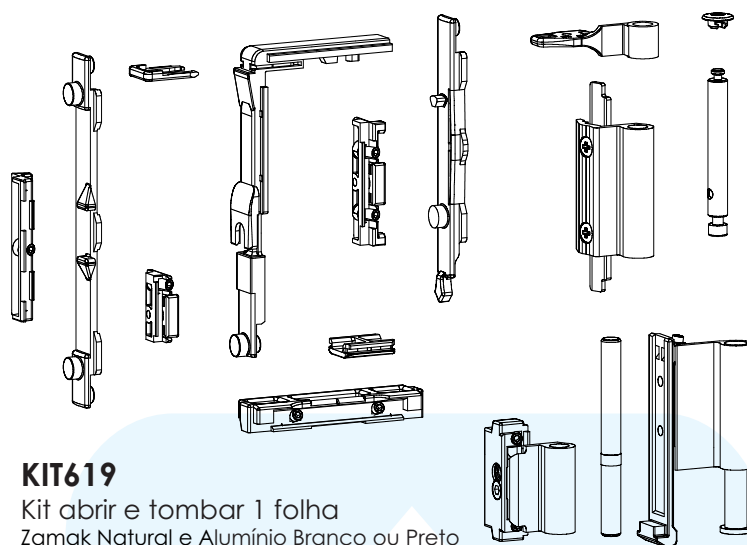
Fecho Gatilho
Janela de Tombar
Alumínio Branco ou Preto

**BRA796** (com 250mm)**BRA798** (com 150mm)

Compasso
Janela de Tombar
Alumínio Preto

**KIT621**

Sistema de Travamento
Janela de Giro
Zamak Natural



	Dimensão	Largura da Folha	Carga Máxima	Altura do Marco
BRA793	225	Min: 390 Max: 544	50kg	Max: 1200

Braço Tipo 1
Zamak Natural

	Dimensão	Largura da Folha	Carga Máxima	Altura do Marco
BRA794	365	Min: 545 Max: 1000	50kg	Max: 1200

Braço Tipo 2
Zamak Natural

Atenção! Para utilização dos componentes acima, ver Instruções de Montagem na página 75 .

Kit para Janela de Abrir e Tombar - 1 folha

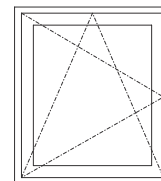
Materiais diversos - Branco ou Preto

CÓDIGOS INDIVIDUAIS

Quant.	Código	Componente
1 pç	Ver pág. 63	Cremona
1 pç	KIT619	Mecanismo Abrir e Tombar
8 pç	CON437	Conexão de Folha e Marco
8 pç	CON433	Conexão de Alinhamento
2 pç	NYL1050101	Dreno
8 pç	NYL463	Calço para Vidro
4 pç	GUA376	Guarnição pré-câmara

BRA793 Larg. da Folha	BRA794 Larg. da Folha	Altura do Marco
Min: 390 Max: 550	Min: 551 Max: 1000	Max: 1200

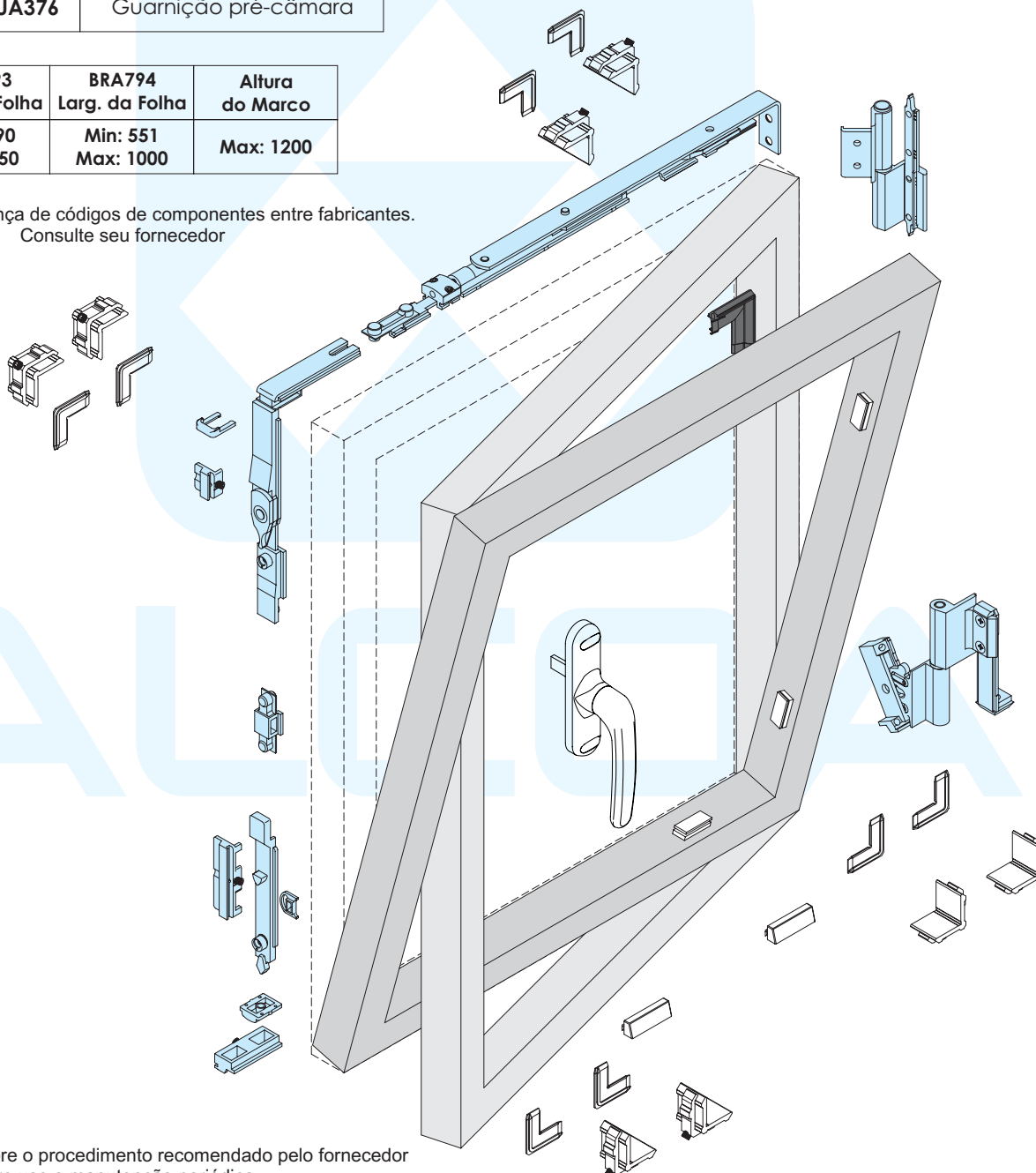
Poderá haver diferença de códigos de componentes entre fabricantes.
Consulte seu fornecedor

**KIT COMPLETO**

(inclui cremona padrão)

KITLG001 Larg. da Folha	KITLG002 Larg. da Folha	Altura do Marco
Min: 550 Max: 900	Min: 901 Max: 1000	Max: 1200

Peso máximo: 50kg/folha



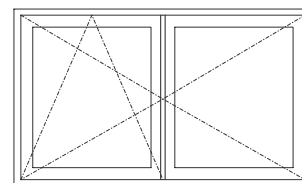
Atenção! Utilize sempre o procedimento recomendado pelo fornecedor sobre uso e manutenção periódica.
A falta de manutenção pode acarretar a perda da garantia.

Kit 2ª folha para Janela de Abrir e Tombar

Materiais diversos - Branco ou Preto

CÓDIGOS INDIVIDUAIS

Quant.	Código	Componente
2 pç	DOB855	Dobradiça
1 pç	FEC1090	Fecho Unha
4 pç	CON437	Conexão de Folha
4 pç	CON433	Conexão de Alinhamento
2 pç	NYL1052501	Tampa Reversível
1 pç	GUA379	Tampa Reversível Externa
1 pç	NYL1050101	Dreno
8 pç	NYL463	Calço para Vidro
1 pç	CON464	Contrafecho



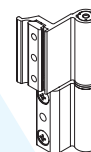
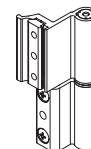
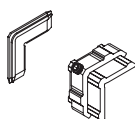
UTILIZAR KITLG001 OU KITLG002

KIT COMPLETO

KITLG003	Altura do Marco
Larg. da Folha	
Min: 550	Max: 1200
Max: 1000	

Peso máximo: 50kg/folha

Poderá haver diferença de códigos de componentes entre fabricantes.
Consulte seu fornecedor



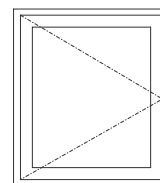
Atenção! Utilize sempre o procedimento recomendado pelo fornecedor sobre uso e manutenção periódica.
A falta de manutenção pode acarretar a perda da garantia.

Kit para Janela de Giro - 1 folha

Materiais diversos - Branco ou Preto

CÓDIGOS INDIVIDUAIS

Quant.	Código	Componente
2 pç	DOB856	Dobradiça
1 pç	Ver pág. 63	Cremona
8 pç	CON437	Conexão de Folha e Marco
8 pç	CON433	Conexão de Alinhamento
2 pç	NYL1050101	Dreno
8 pç	NYL463	Calço para Vidro
4 pç	GUA376	Guarnição pré-câmara
1 cj	KIT621	Trava

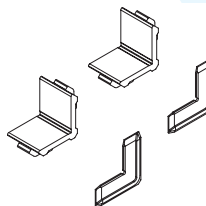
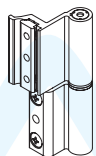
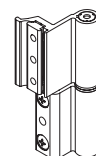
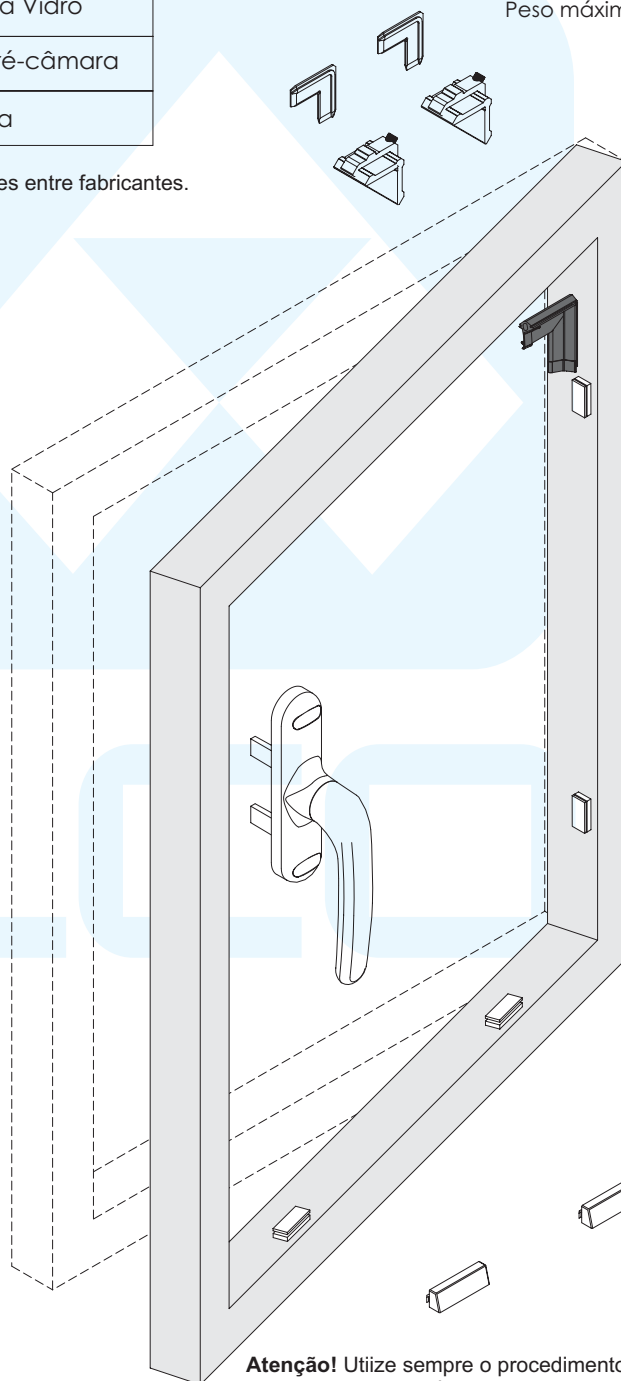
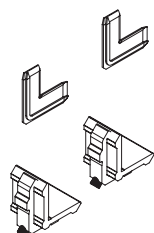
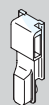
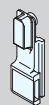
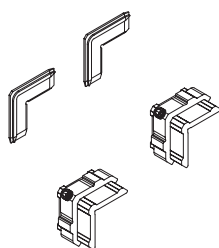
**KIT COMPLETO**

(inclui cremona padrão)

KITLG004 Larg. da Folha	Altura do Marco
Min: 550 Max: 1000	Max: 1200

Peso máximo: 50kg/folha

Poderá haver diferença de códigos de componentes entre fabricantes.
Consulte seu fornecedor



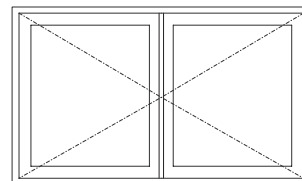
Atenção! Utilize sempre o procedimento recomendado pelo fornecedor sobre uso e manutenção periódica.
A falta de manutenção pode acarretar a perda da garantia.

Kit para Janela de Giro - 2ª folha

Materiais diversos - Branco ou Preto

CÓDIGOS INDIVIDUAIS

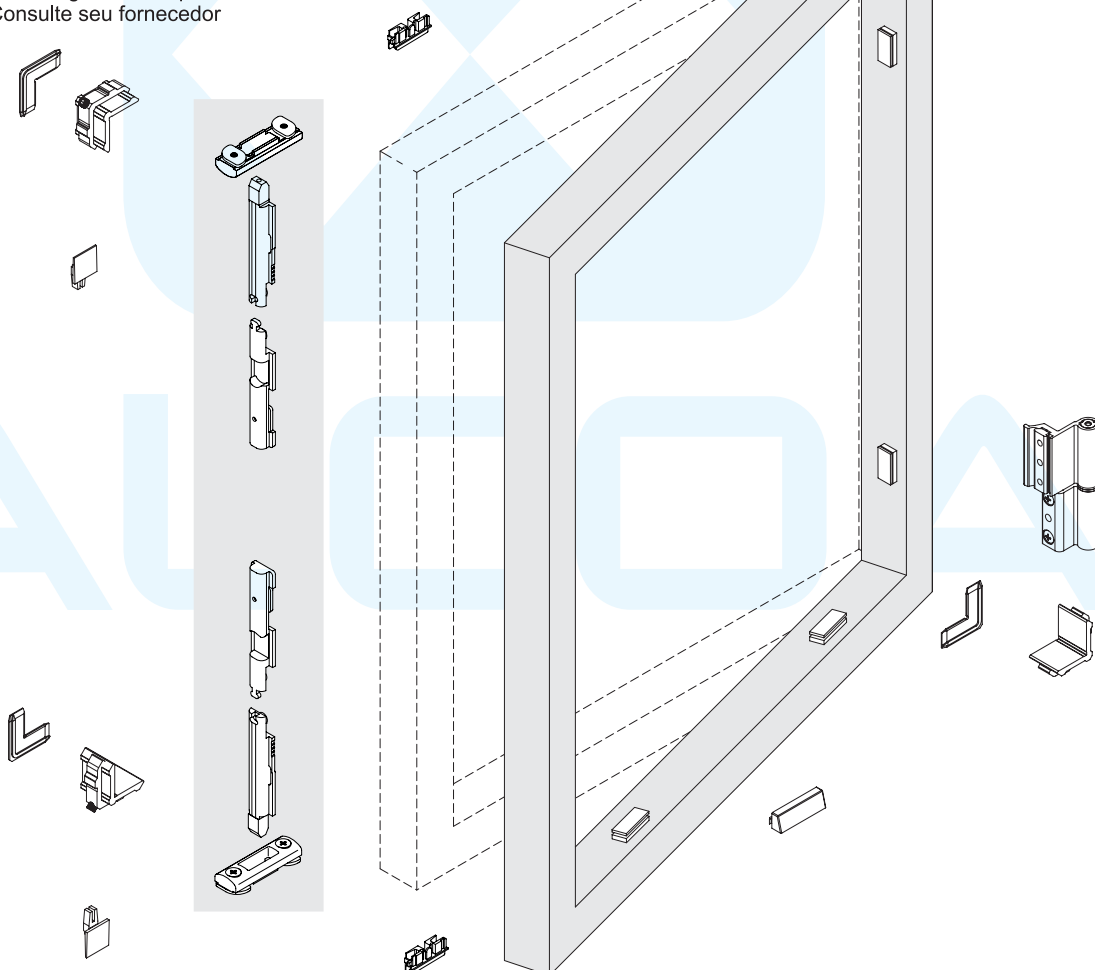
Quant.	Código	Componente
4 pç	DOB856	Dobradiça
1 pç	Ver pág. 63	Cremona
1 cj	KIT621	Kit Trava
12 pç	CON437	Conexão de Folha e Marco
12 pç	CON433	Conexão de Alinhamento
2 pç	NYL1052501	Tampa Reversível
1 pç	GUA379	Tampa Reversível Externa
3 pç	NYL1050101	Dreno
16 pç	NYL463	Calço para Vidro
2 pç	CON464	Contrafecho
1 pç	FEC1090	Fecho Unha

**KIT COMPLETO**

KITLG007 + KITLG004 Larg. da Folha	Altura do Marco
Min: 550 Max: 1000	Max: 1200

Peso máximo: 50kg/folha

Poderá haver diferença de códigos de componentes entre fabricantes.
Consulte seu fornecedor



Atenção! Utilize sempre o procedimento recomendado pelo fornecedor sobre uso e manutenção periódica.
A falta de manutenção pode acarretar a perda da garantia.

Kit para Janela de Tombar - 1 folha

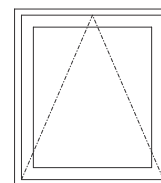
Materiais diversos - Branco ou Preto

CÓDIGOS INDIVIDUAIS

Quant.	Código	Componente
2 pç	DOB856	Dobradiça
8 pç	CON437	Conexão de Folha e Marco
8 pç	CON433	Conexão de Alinhamento
1 pç	FEC1092	Fecho Gatilho
2 pç	NYL1050101	Dreno
8 pç	NYL463	Calço para Vidro
4 pç	GUA376	Guarnição pré-câmara

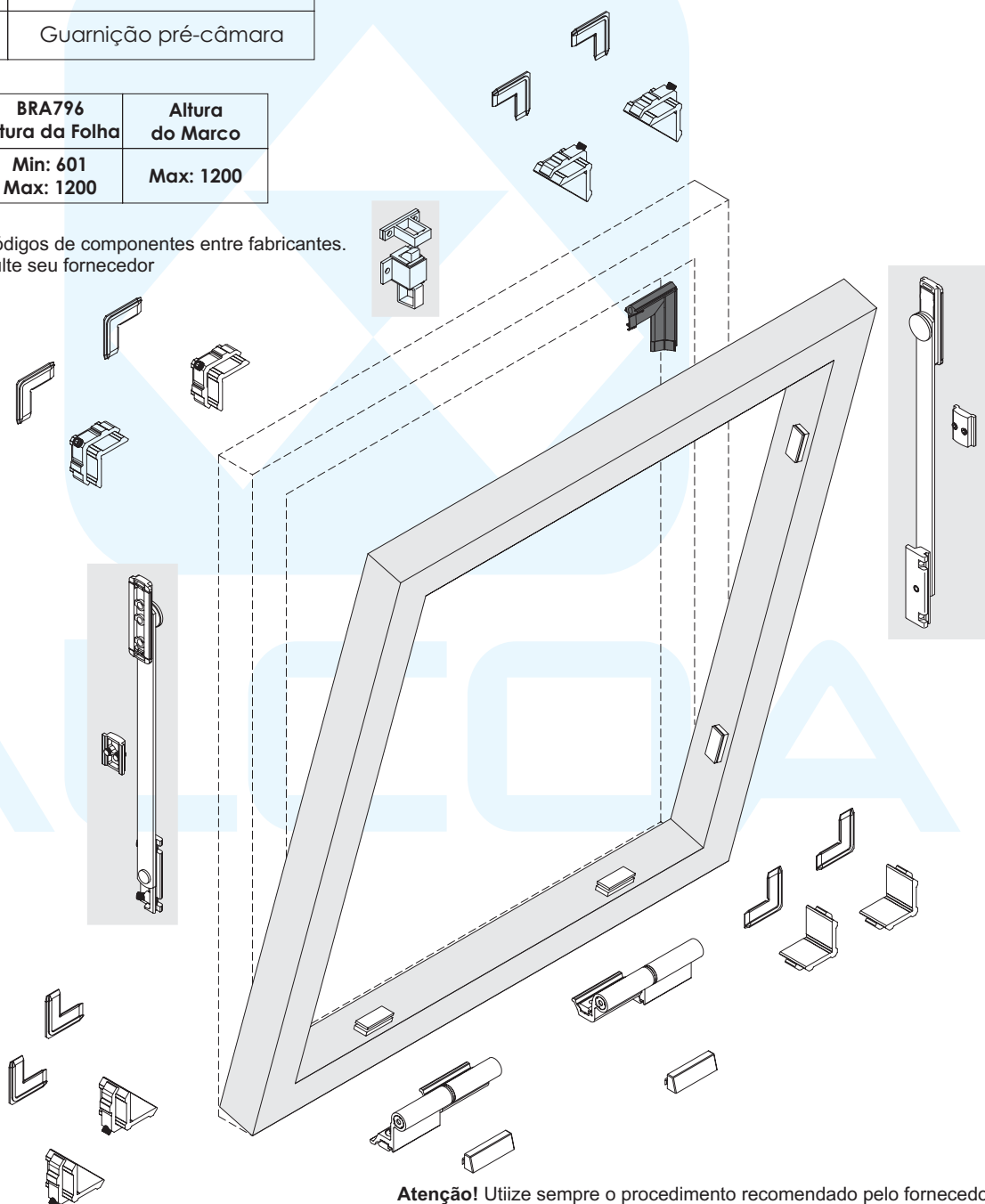
BRA798 Altura da Folha	BRA796 Altura da Folha	Altura do Marco
Min: 200 Max: 600	Min: 601 Max: 1200	Max: 1200

Poderá haver diferença de códigos de componentes entre fabricantes.
Consulte seu fornecedor

**KIT COMPLETO**

KITLG005 Larg. da Folha	Altura do Marco
Min: 350 Max: 1000	Max: 1200

Peso máximo: 50kg/folha



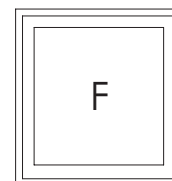
Atenção! Utilize sempre o procedimento recomendado pelo fornecedor sobre uso e manutenção periódica.
A falta de manutenção pode acarretar a perda da garantia.

Kit para Janela Fixa

Materiais diversos

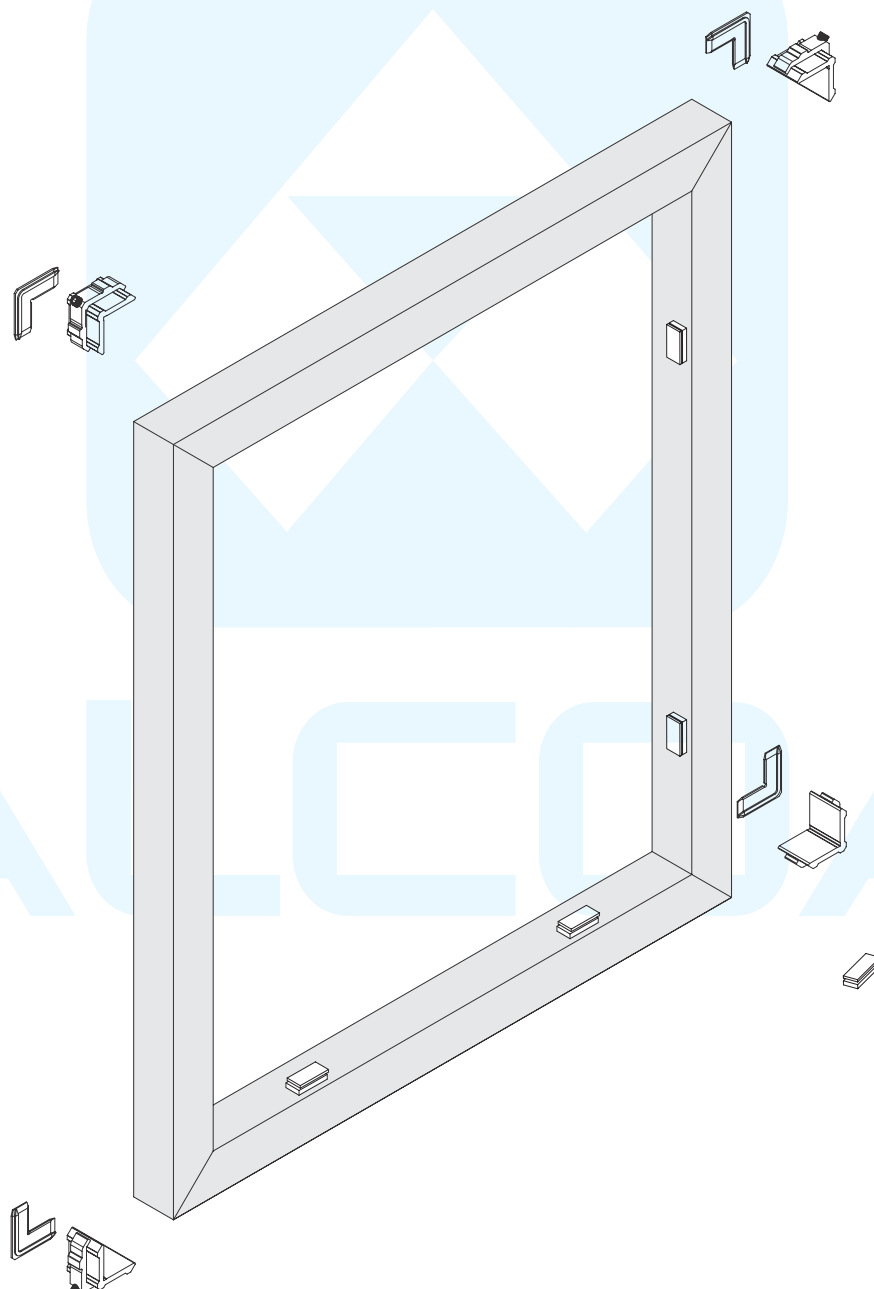
CÓDIGOS INDIVIDUAIS

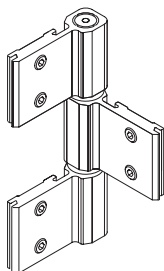
Quant.	Código	Componente
4 pç	CON437	Conexão do Marco
4 pç	CON433	Conexão de Alinhamento
8 pç	NYL463	Calço para Vidro



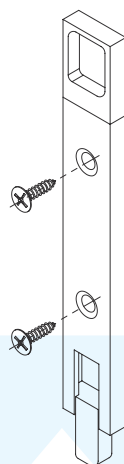
KIT COMPLETO

KITLG006 Larg. da Folha	Altura do Marco
Min: 300 Max: 1000	Max: 1200

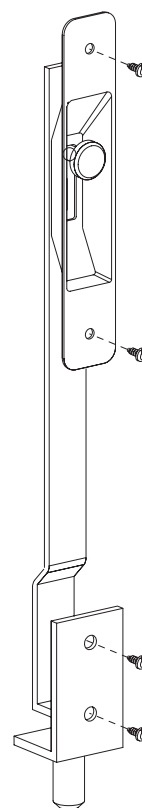


**DOB828**

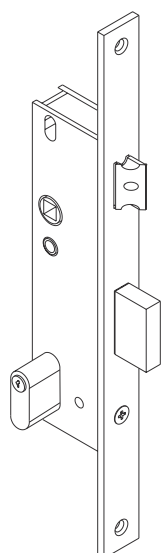
Dobradiça 3 abas
Alumínio Branco ou Preto

**FEC338**

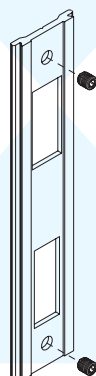
Fecho Unha
Alumínio e Nylon Branco ou Preto

**FEC509**

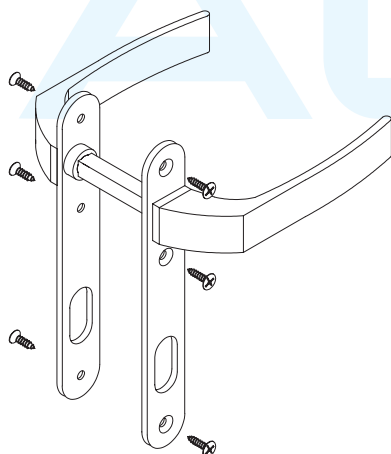
Fecho leve toque
Aço Inox

**FRA822**

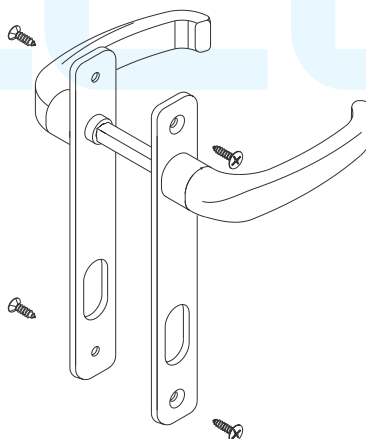
Fechadura
Porta de Giro
Latão Branco ou Cromado

**CON386**

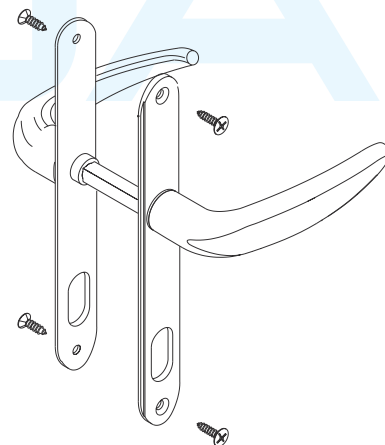
Contratesta
Alumínio Branco ou Preto

**MAC927**

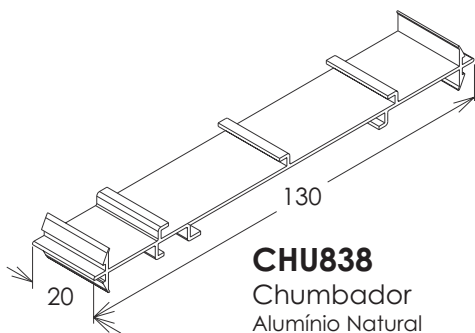
Maçaneta com Espelho
Alumínio Preto

**MAC1004**

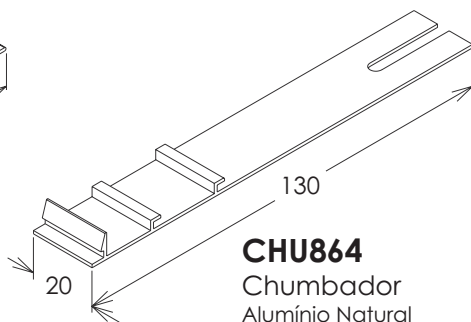
Maçaneta com Espelho
Alumínio Branco ou Preto

**MAC1005**

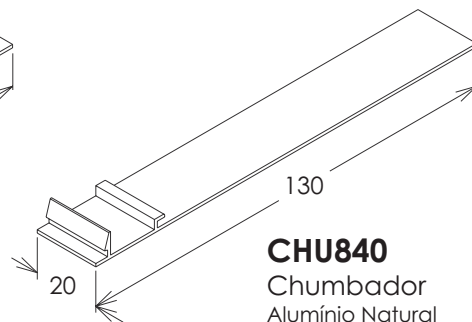
Maçaneta com Espelho
Alumínio Branco ou Preto

**CHU838**

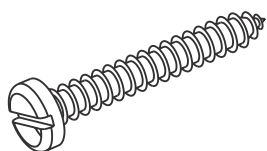
Chumbador
Alumínio Natural
(CM093)

**CHU864**

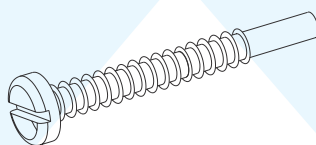
Chumbador
Alumínio Natural
(CM175)

**CHU840**

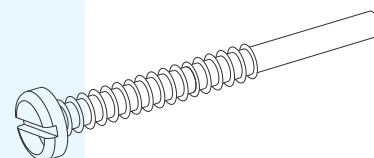
Chumbador
Alumínio Natural
(CM099)

**PAR990**

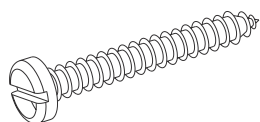
Parafuso AA Ø 4,8 x 38mm
Aço Inox Preto

**PAR428**

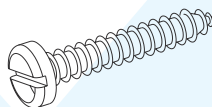
Parafuso AA Ø 4,8 x 32mm
Aço Inox

**PAR431**

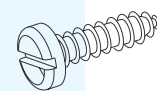
Parafuso AA Ø 4,8 x 50mm
Aço Inox

**PAR694**

Parafuso AA Ø 4,2 x 32mm
Aço Inox

**PAR693**

Parafuso AA Ø 4,2 x 25mm
Aço Inox

**PAR936**

Parafuso AA Ø 4,2 x 16mm
Aço Inox

**PAR434**

Parafuso AA Ø 3,9 x 9,5mm
Aço Inox

**PAR437**

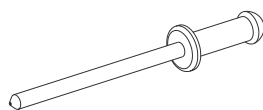
Parafuso AA Ø 3,5 x 9,5mm
Aço Inox

**PAR703**

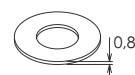
Parafuso AA Ø 3,5 x 9,5mm
Aço Inox Preto

**PAR704**

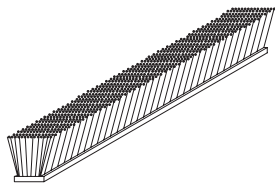
Parafuso AA Ø 3,9 x 6,5mm
Aço Inox Preto

**REB117**

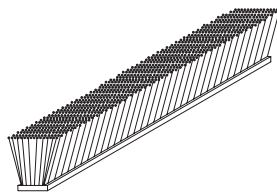
Rebite Ø 3,2 x 10,2mm
Alumínio Natural

**ARR569**

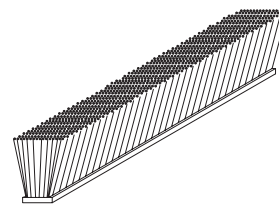
Arruela Lisa
Ø 4,3 x Ø 9mm
Aço Inox

**FIT206**

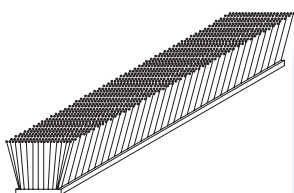
Fita Vedadora 5mm x 6mm
Preta

**FIT212**

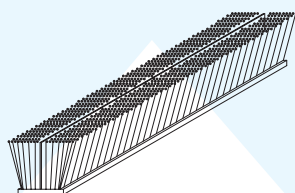
Fita Vedadora 5 x 8mm
Preta

**FIT214**

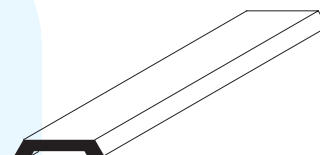
Fita Vedadora 5mm x 10mm
Preta

**FIT224**

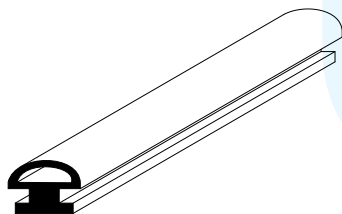
Fita vedadora 7mm x 8mm
Sem barreira plástica
Preta

**FIT223**

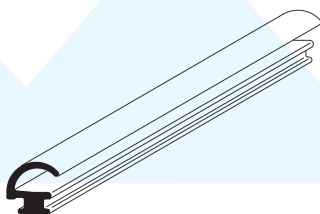
Fita vedadora 7mm x 8mm
Com barreira plástica
Preta

**GUA132**

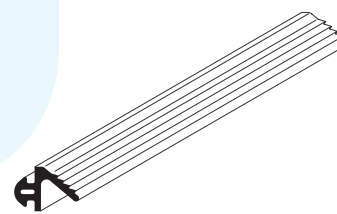
Guarnição
de acabamento
PVC Preto

**GUA289**

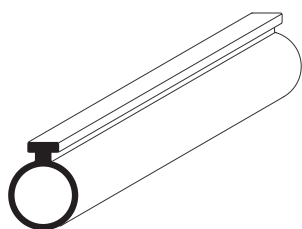
Guarnição externa
EPDM Preto

**GUA1082101**

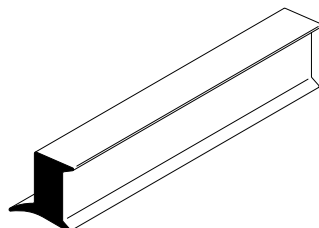
Guarn. do Marco
EPDM Preto

**GUA239**

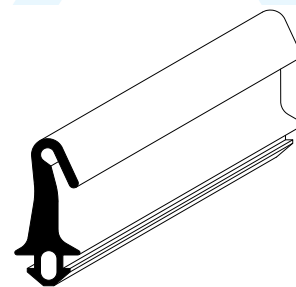
Guarnição do Marco
EPDM Preto

**GUA007**

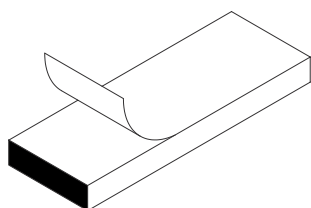
Guarnição da Pingadeira
EPDM Preto

**GUA374**

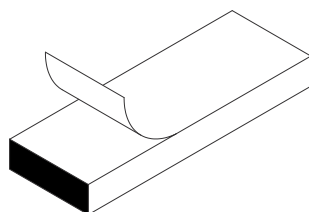
Guarnição da Pingadeira
EPDM Preto

**GUA376**

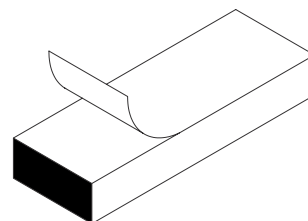
Guarnição da Câmara
EPDM Preto

**GUA305**

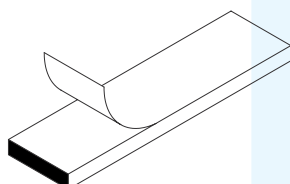
Guarn. Ades. Esponjosa
14mm x 3,2mm
Preta

**GUA306**

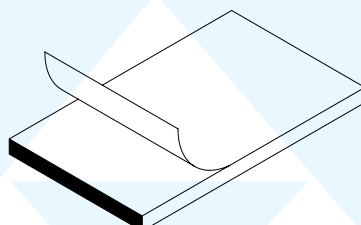
Guarn. Ades. Esponjosa
14mm x 4,8mm
Preta

**GUA304**

Guarn. Ades. Esponjosa
14mm x 6,4mm
Preta

**GUA172**

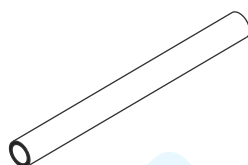
Guarn. Ades. Esponjosa
11mm x 1,8mm
Preta

**GUA282**

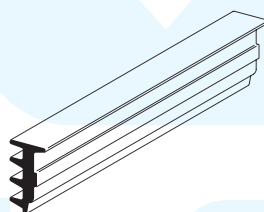
Guarn. Adesiva Esponjosa
22mm x 2mm
Preta

**Reddiglaze
Super Glue**

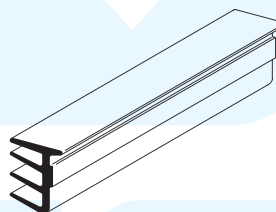
Adesivo
para Guarnições

**GUA309**

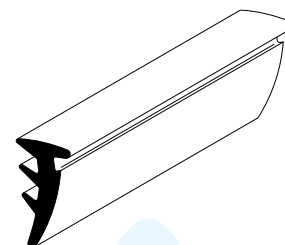
Vedação do Engate
Ø 6,5mm
EPDM Preto

**GUA259**

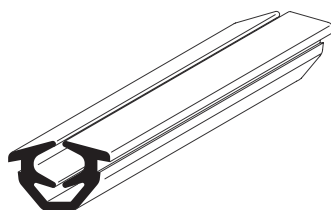
Guarnição do Vidro
EPDM Preto

**GUA256**

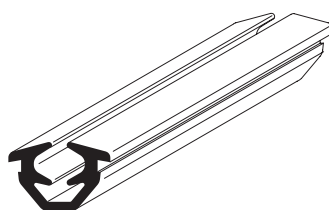
Guarnição do Vidro
EPDM Preto

**GUA303**

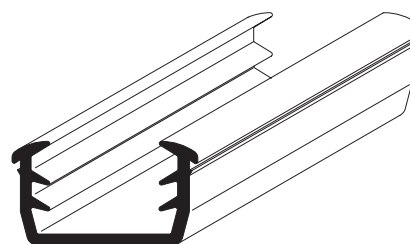
Guarnição do Vidro
EPDM Preto

**GUA385**

Guarnição para Vidro
de 3mm e 4mm
EPDM Preto

**GUA386**

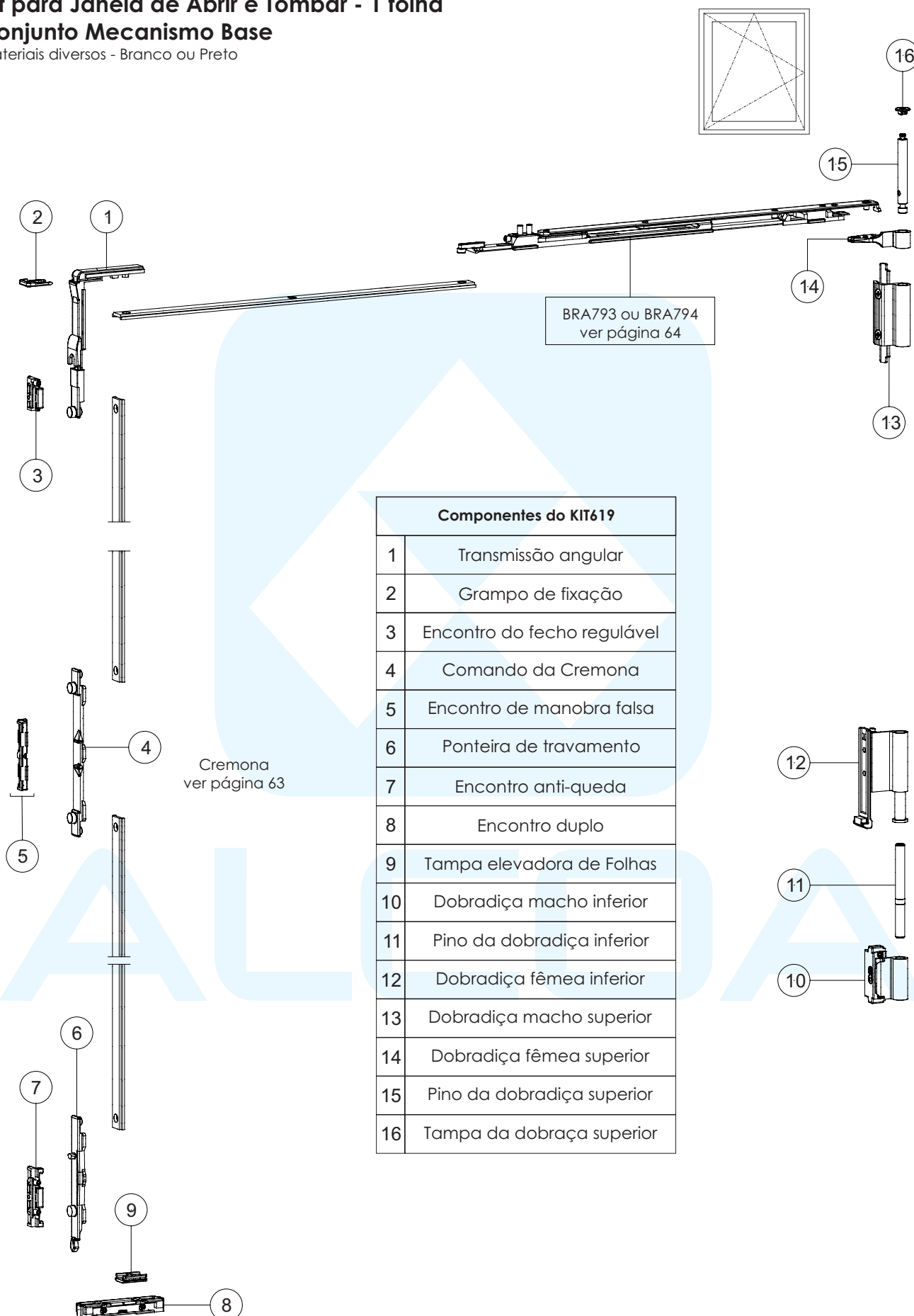
Guarnição para Vidro
de 5mm e 6mm
EPDM Preto

**GUA398**

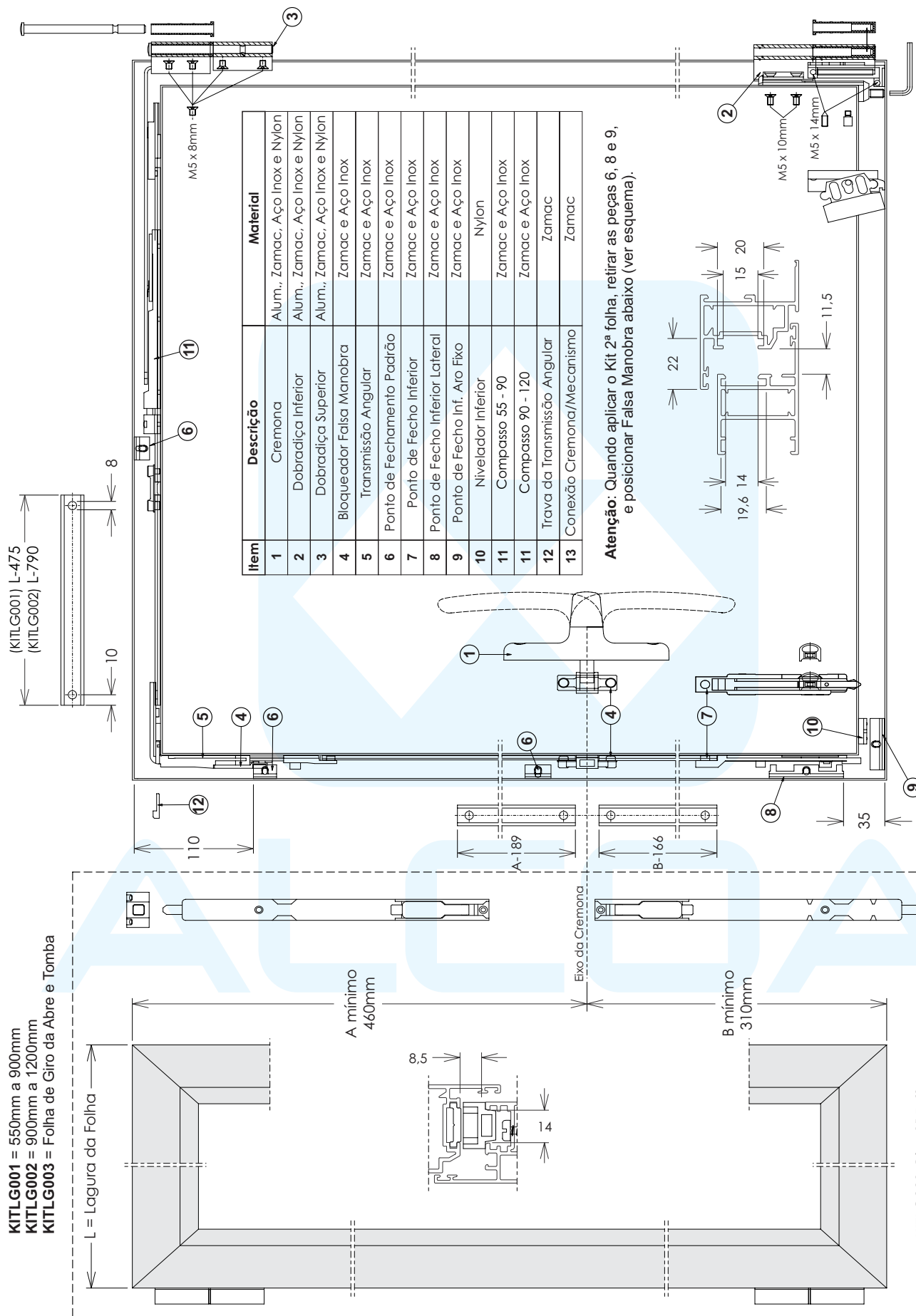
Guarnição para Vidro Duplo
de 18mm
EPDM Preto

Kit para Janela de Abrir e Tombar - 1 folha**Conjunto Mecanismo Base**

Materiais diversos - Branco ou Preto

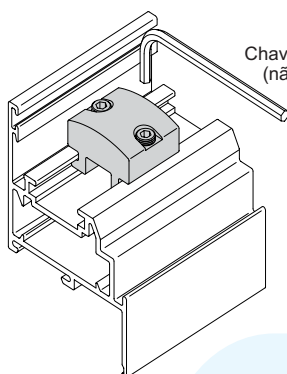


Kit Abre e Tomba KITLG001 / KITLG002



Kit Abre e Tomba - KITLG001 / KITLG002 / KITLG003

Regulagem



Chave Allen 2,5mm
(não fornecida)

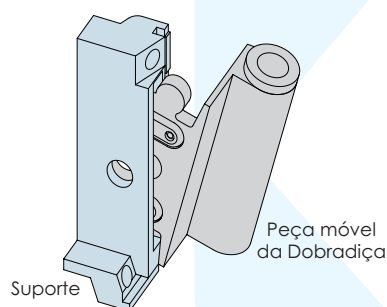
Regulador do Compasso

Uma vez ajustado
(aperto necessário 1Nm),
apertar os parafusos moderadamente,
até no máximo 1,8 / 2Nm

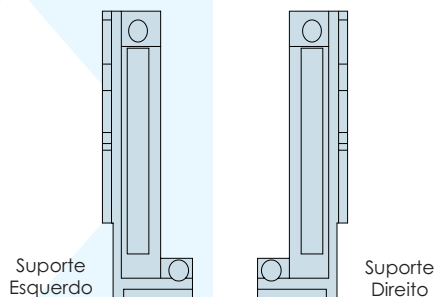
Conjunto da Dobradiça Inferior

1

Tirar a Dobradiça do Suporte



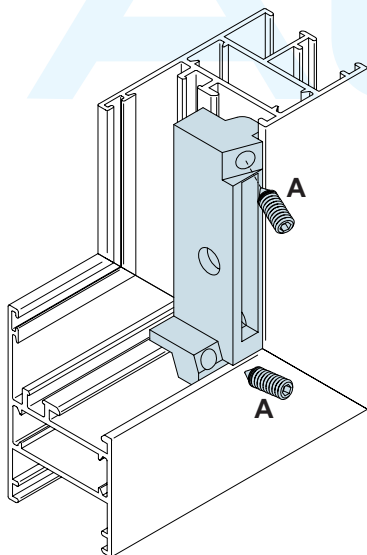
2

Escolher o suporte a aplicar
(esquerdo ou direito)

3

Fixar o suporte no canto
do marco, com os parafusos
M5 x 14mm (A);

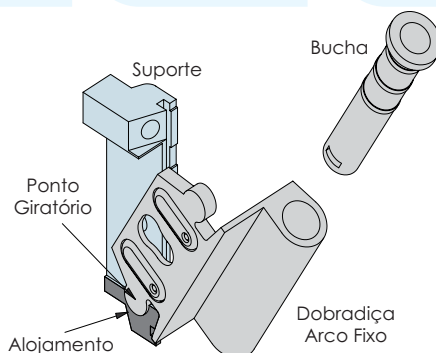
Apertar os parafusos com aperto
máximo de 1,5 / 2Nm.



4

Introduzir a bucha
na dobradiça,
depois de escolher
esquerdo ou direito;

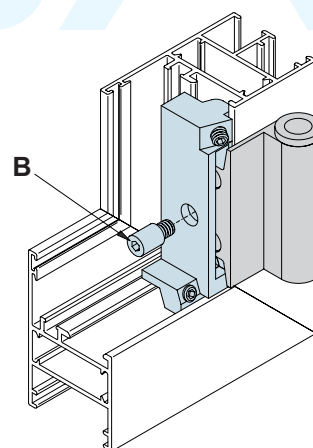
Introduzir a dobradiça
no alojamento do suporte.



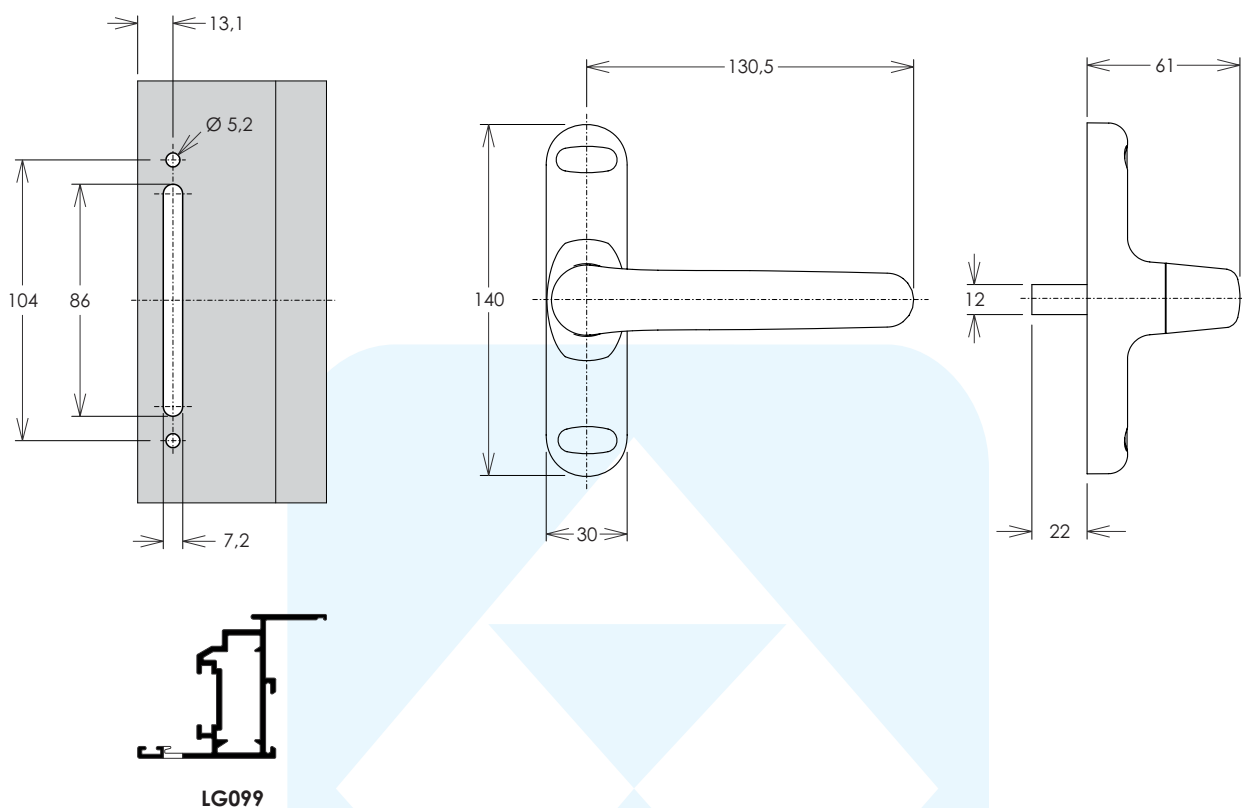
5

Girar a dobradiça até
o fim de seu curso
e fixar o parafuso (B);

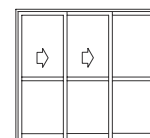
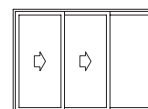
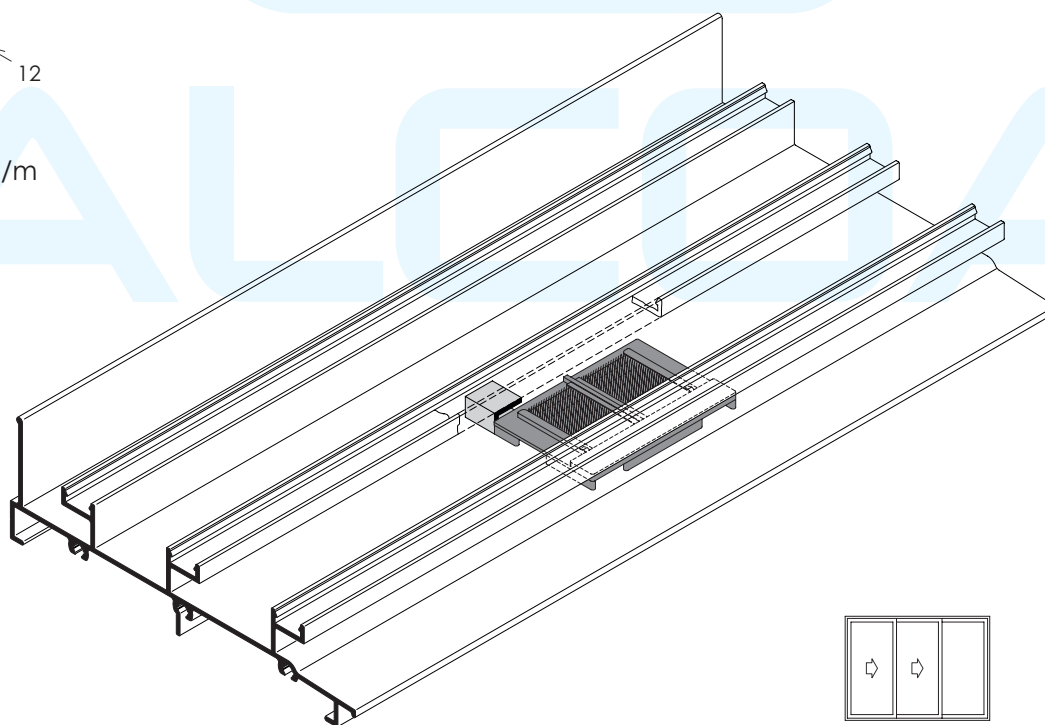
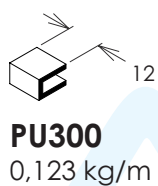
Apertar o parafuso (B),
com um aperto máximo
de 1,5 / 2Nm.



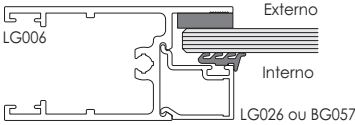
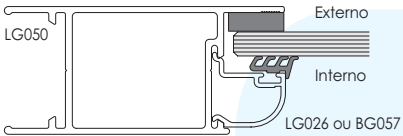
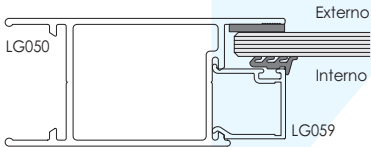
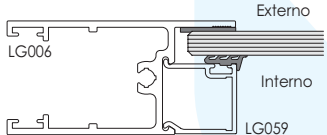
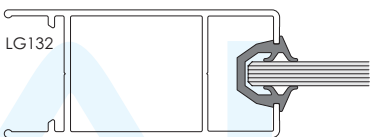
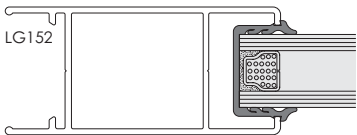
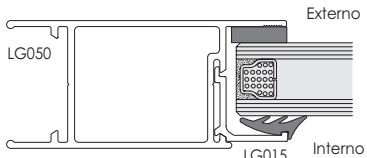
Usinagem para Cremona (para KITLG001 e KITLG002)



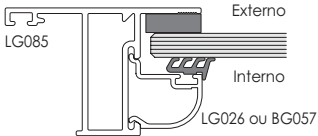
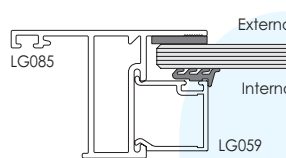
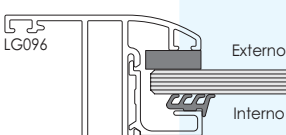
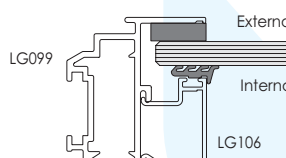
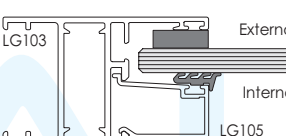
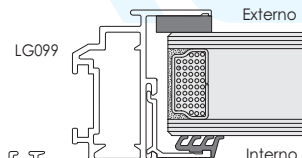
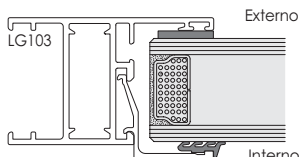
Calço para Caixa de Dreno (Janela e Porta de Correr, três planos)



Alternativas construtivas - Guarnições para vidro

Detalhes	Espessura do vidro	Guarnição Interna	Guarnição Externa
	6	GUA256	GUA306
	8	GUA259	GUA306
	10	GUA259	GUA305
	6	GUA256	GUA304
	8	GUA259	GUA304
	10	GUA259	GUA306
	4	GUA259	GUA304
	6	GUA259	GUA306
	4	GUA259	GUA306
	6	GUA259	GUA305
	3	GUA385	- X -
	4	GUA385	- X -
	5	GUA386	- X -
	6	GUA386	- X -
	18	GUA398	- X -
	18	GUA303	GUA304

Alternativas construtivas - Guarnições para vidro

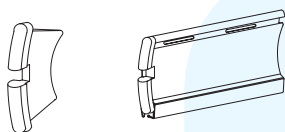
Detalhes	Espessura do vidro	Guarnição Interna	Guarnição Externa
	6	GUA256	GUA304
	8	GUA259	GUA304
	10	GUA259	GUA306
	4	GUA259	GUA304
	6	GUA259	GUA306
	6	GUA256	GUA306
	8	GUA259	GUA304
	10	GUA259	GUA306
	6	GUA256	GUA304
	8	GUA259	GUA304
	10	GUA259	GUA306
	6	GUA256	GUA304
	8	GUA259	GUA304
	10	GUA259	GUA306
	31	GUA259	GUA306
	31	GUA259	GUA305

Orientação de montagem dos painéis de Persiana

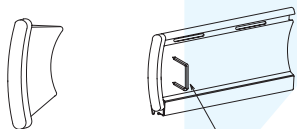
Devido ao retorno da mola, utilizar venezianas cegas na parte superior, na proporção de 20% do total da lâminas

(*) Tampas das Persianas

Para persiana nacional:
NYL375

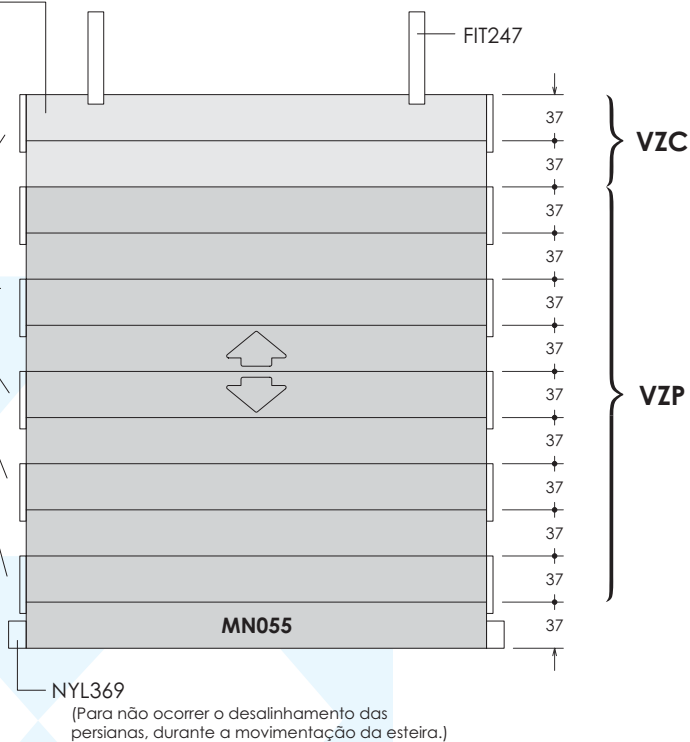


Para persiana importada:
NYL447

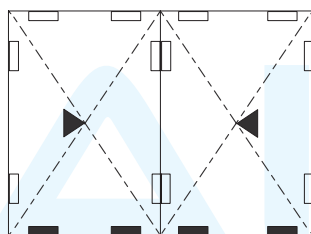


Grampo de aço inox
(não fornecido pela Alcoa)

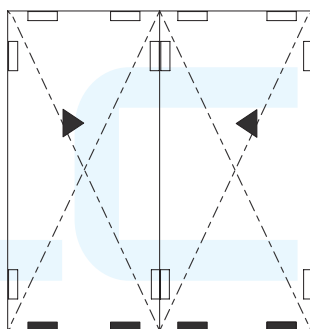
(*)

**Instrução de posicionamento dos calços do vidro**

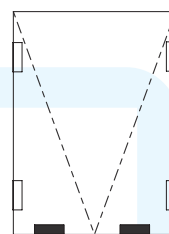
Janela de Correr



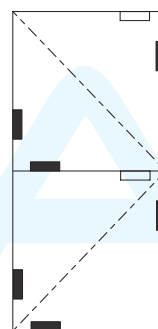
Porta de Correr



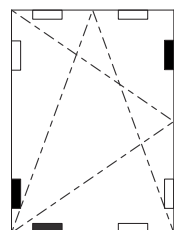
Maxim ar



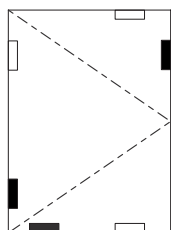
Porta de Giro



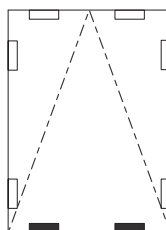
Abre e Tomba



Giro



Tombar



Calço periférico
Calço de apôio

Os capítulos referentes a

7	 linha Gold	Usinagens	 ALCOA
8	 linha Gold	Instruções de montagem	 ALCOA
9	 linha Gold	Desenhos de montagem	 ALCOA

Encontram-se disponíveis no endereço eletrônico www.alcoa.com.br/gold

ALCOA

linha
IV *Gold*®





**LINHA IV GOLD.
PERFEITA PARA GRANDES
VÃOS.**

- Componentes exclusivos garantem suavidade e praticidade ao conjunto.
- Possibilidade de instalação de vidros duplos, reduz a transmissão de calor e ruídos.
- Excelente comportamento estrutural.
- Deslizamento suave.
- Excelentes resultados em isolamento acústico.





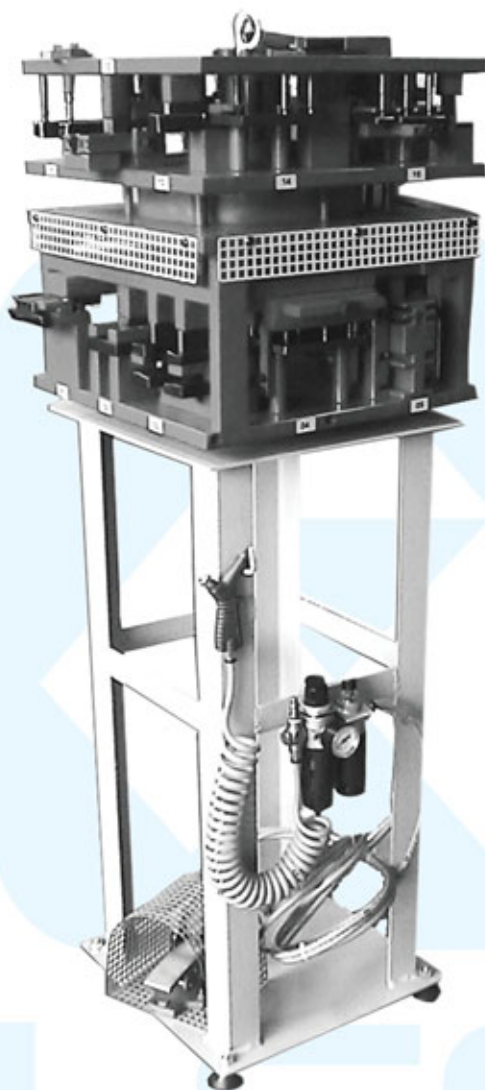
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8	Instruções de montagem	46
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ALCOA

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EST619

Estampo pneumático

**Componentes EST619**

- FERRAMENTA
- MESA
- PEDAL DE AÇIONAMENTO
- MANÔMETRO
- BICO PARA LIMPEZA

Conjunto de fresa de topo
Com eixo



Conjunto	Usina Perfis
MAQ840	LG017, LG018, LG020, LG021, LG052, LG053, LG054, LG126, LG127, LG134, LG135, LG136, LG137, LG138, LG139, LG140, LG149, LG150, LG154, LG155 e LG156
MAQ848	LG077, LG079 e LG080
MAQ849	LG074, LG075, LG076, LG079 e LG082
MAQ850	LG093

Rasgos de escoamento e caixa de dreno**Nota:**

Espaçamento máximo de 450mm
a 500mm, entre eixos.

Para vãos maiores, aumentar o número
de rasgos de escoamento.

Usinar perfis:

LG025

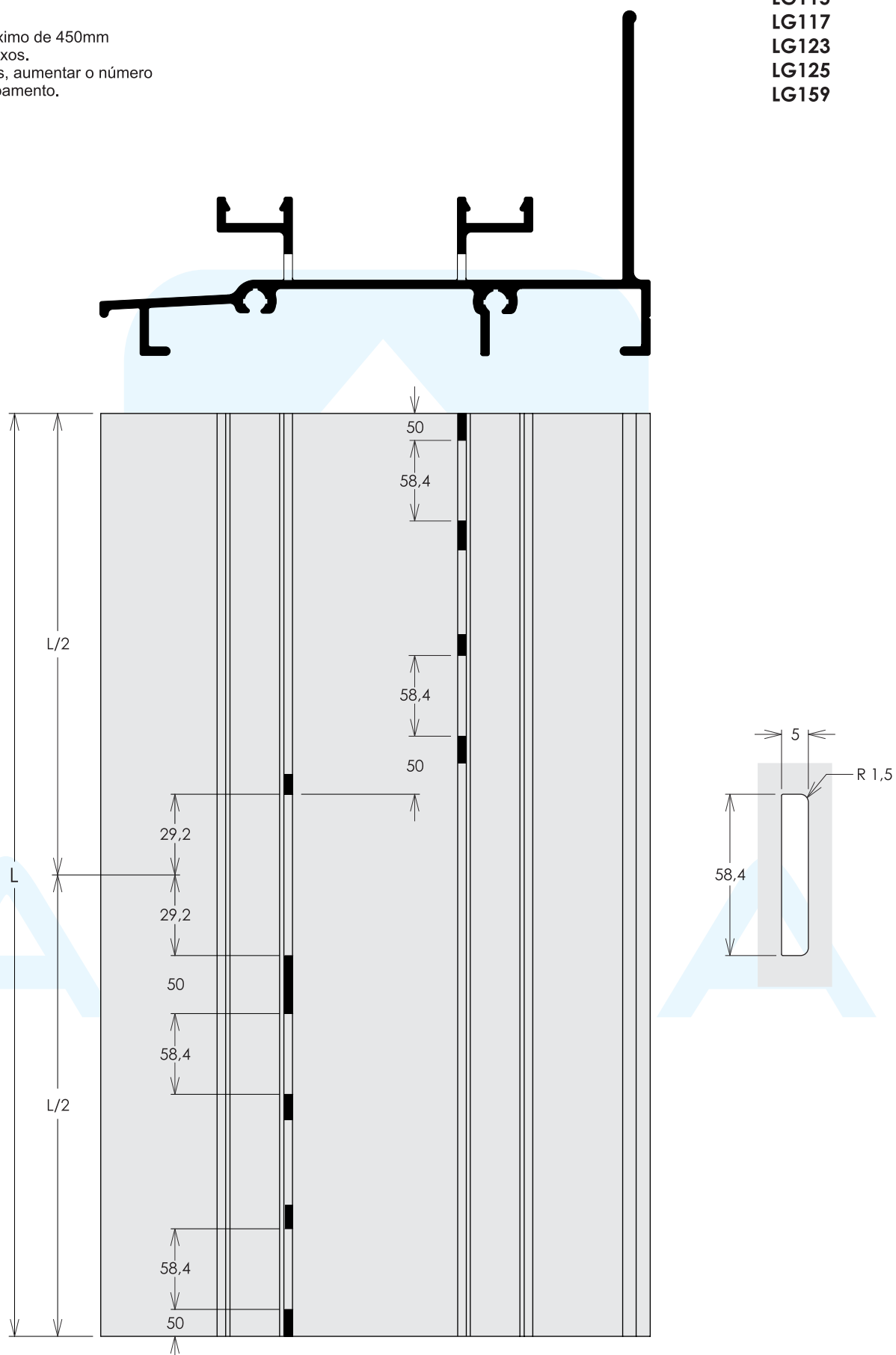
LG115

LG117

LG123

LG125

LG159



Rasgos de escoamento e caixa de dreno**Nota:**

Espaçamento máximo de 450mm
a 500mm, entre eixos.

Para vãos maiores, aumentar o número
de rasgos de escoamento.

Usinar perfis:

LG012

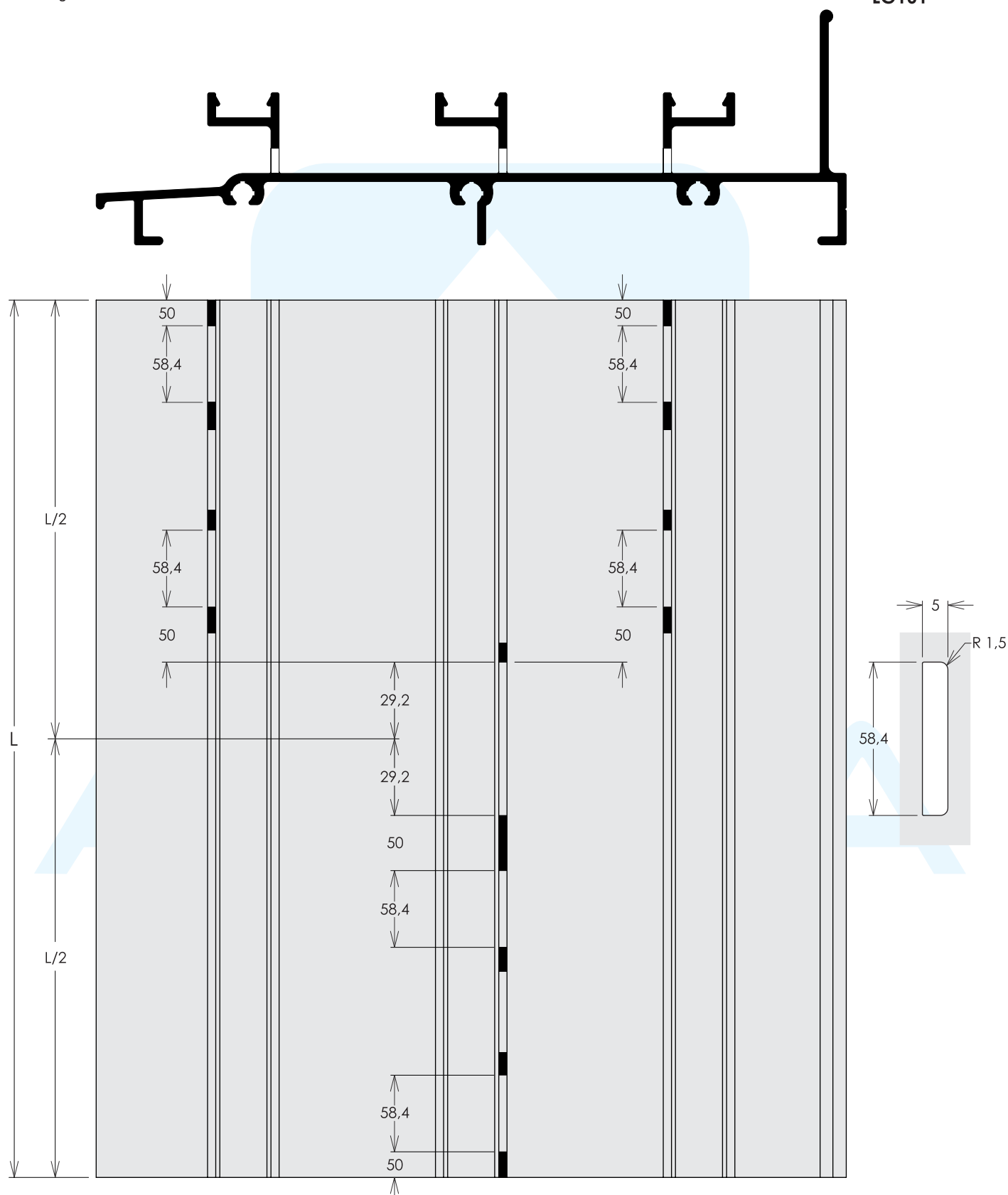
LG066

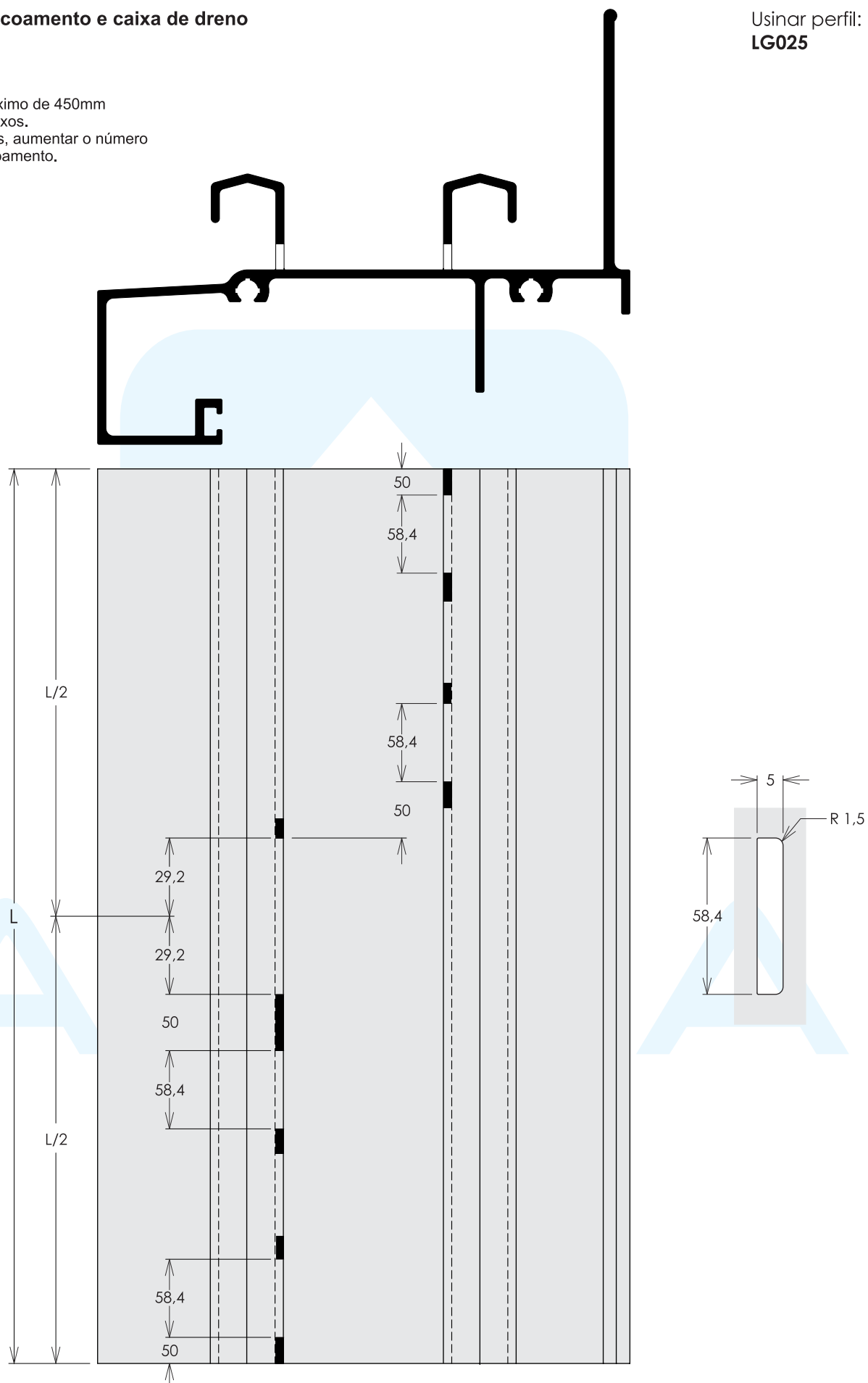
LG116

LG143

LG160

LG161

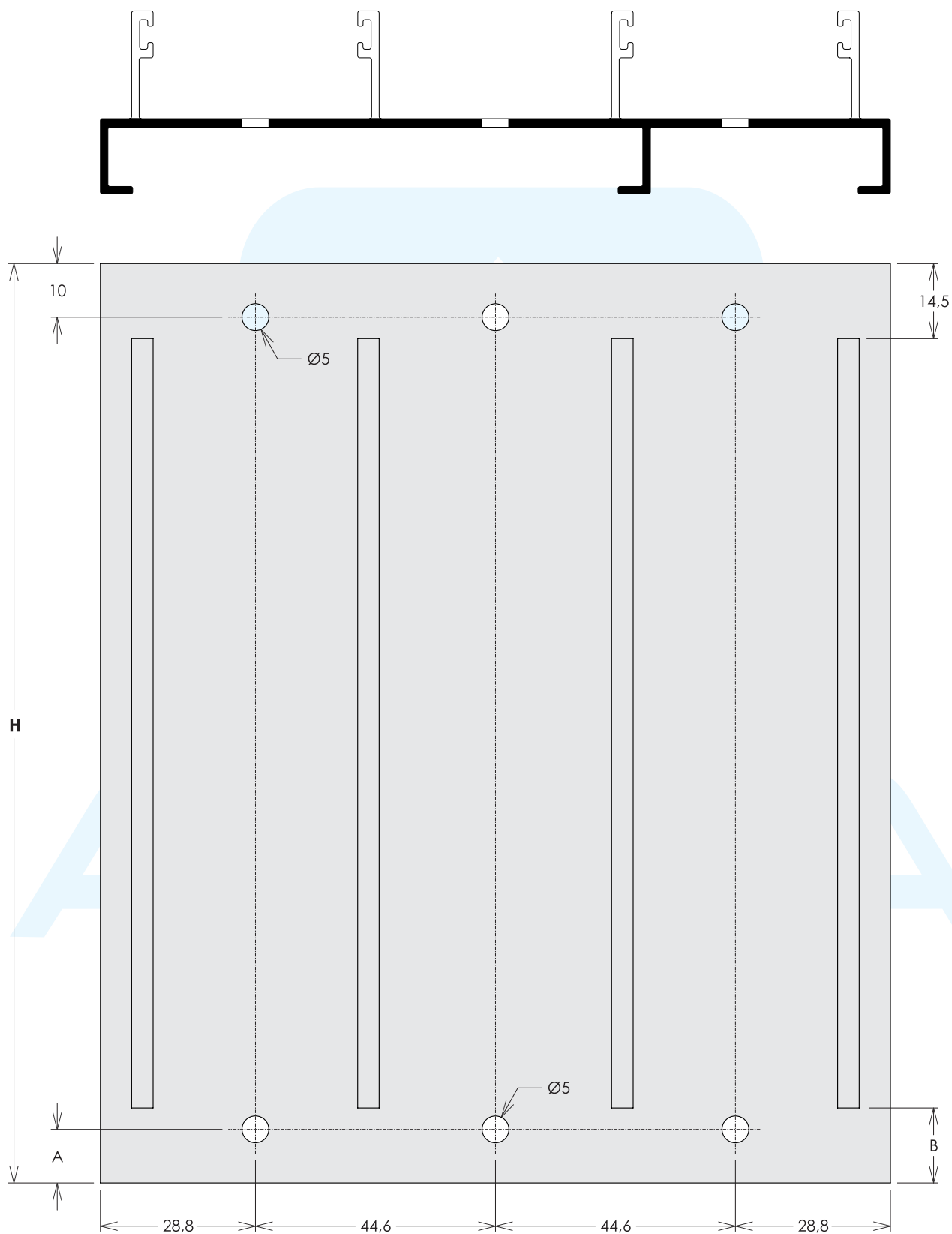


Rasgos de escoamento e caixa de drenoUsinar perfil:
LG025**Nota:**Espaçamento máximo de 450mm
a 500mm, entre eixos.Para vãos maiores, aumentar o número
de rasgos de escoamento.

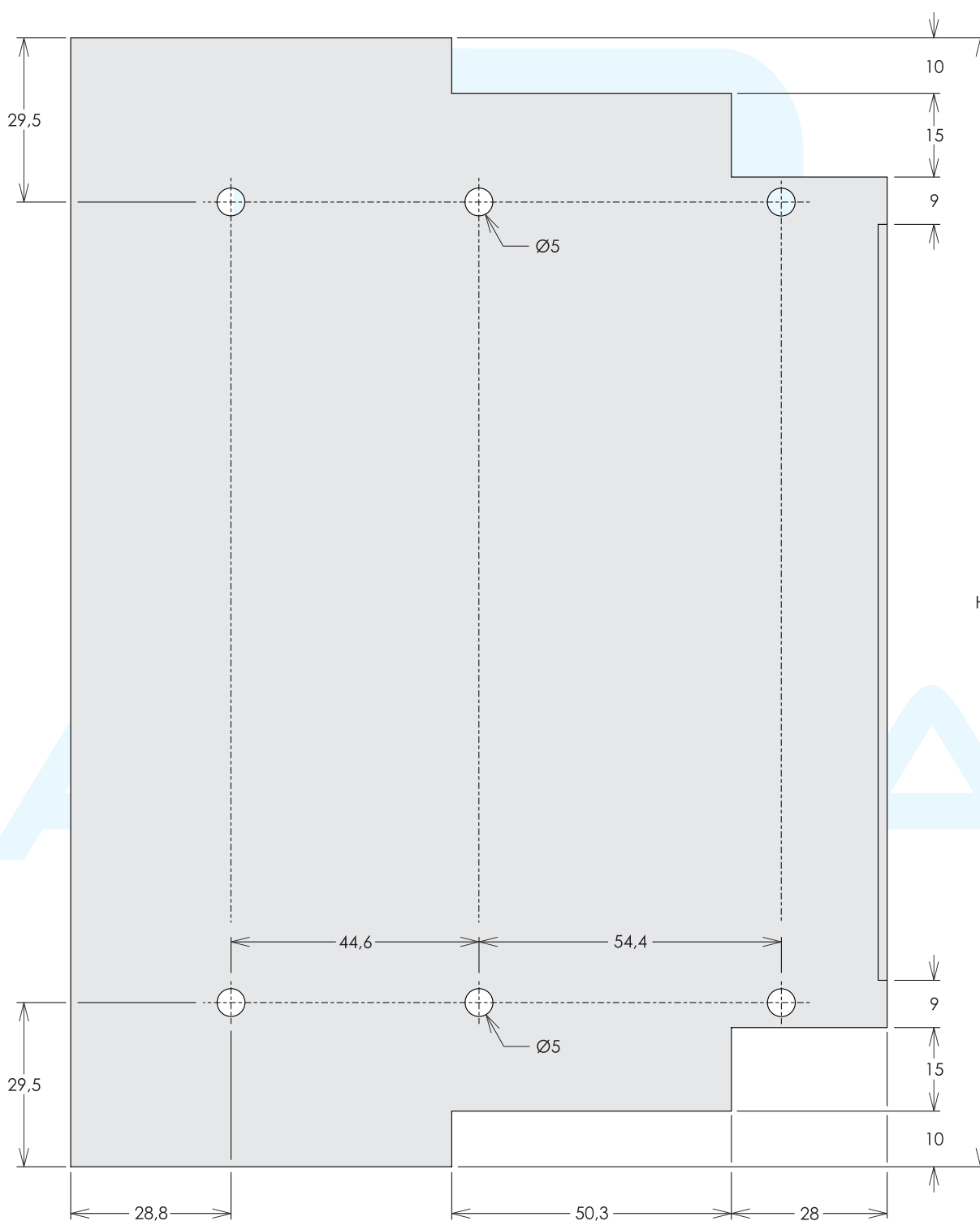
Desabe das matajuntas
Furação dos marcos laterais

Medida A	Medida B	Recebe perfis
10	14,5	LG115 - LG159 - LG116 - LG160
5	9,5	LG125 - LG143 - LG161

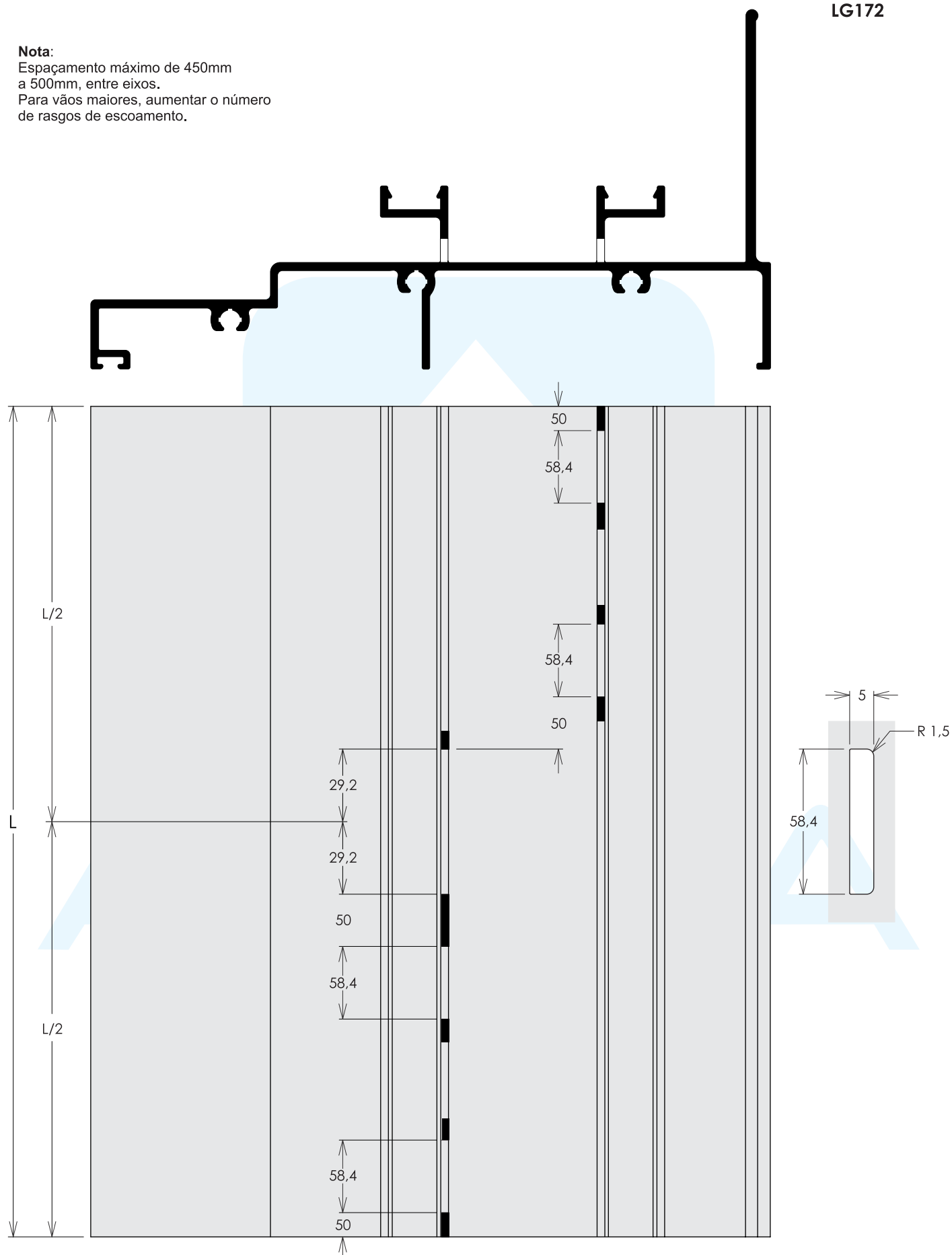
Usinar perfis:
LG124
LG144
LG145



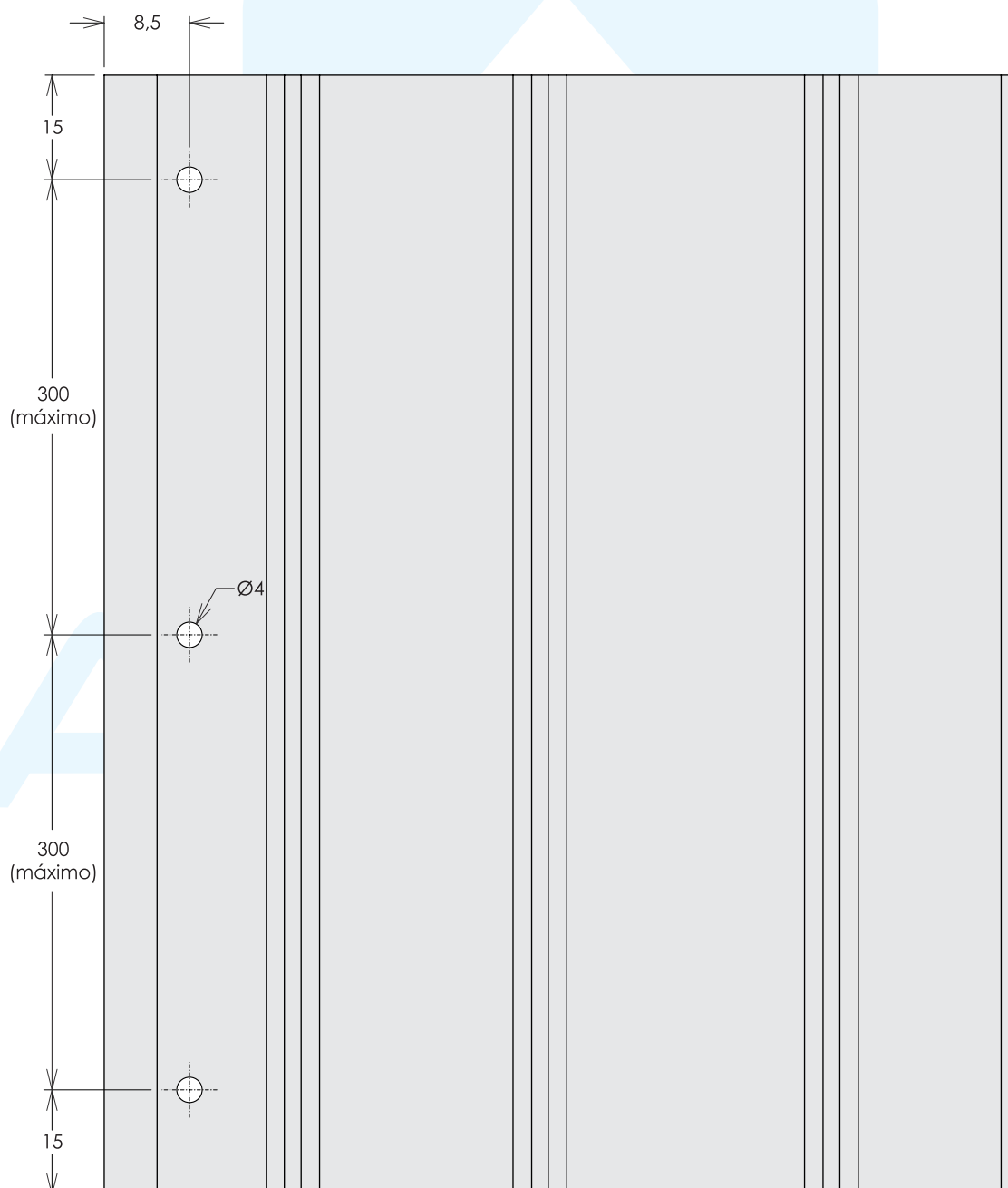
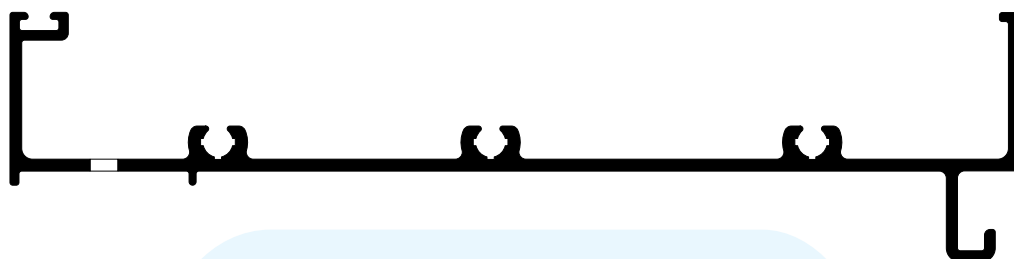
Recorte e furação dos marcos laterais - 3 planos

Usinar perfil:
LG014

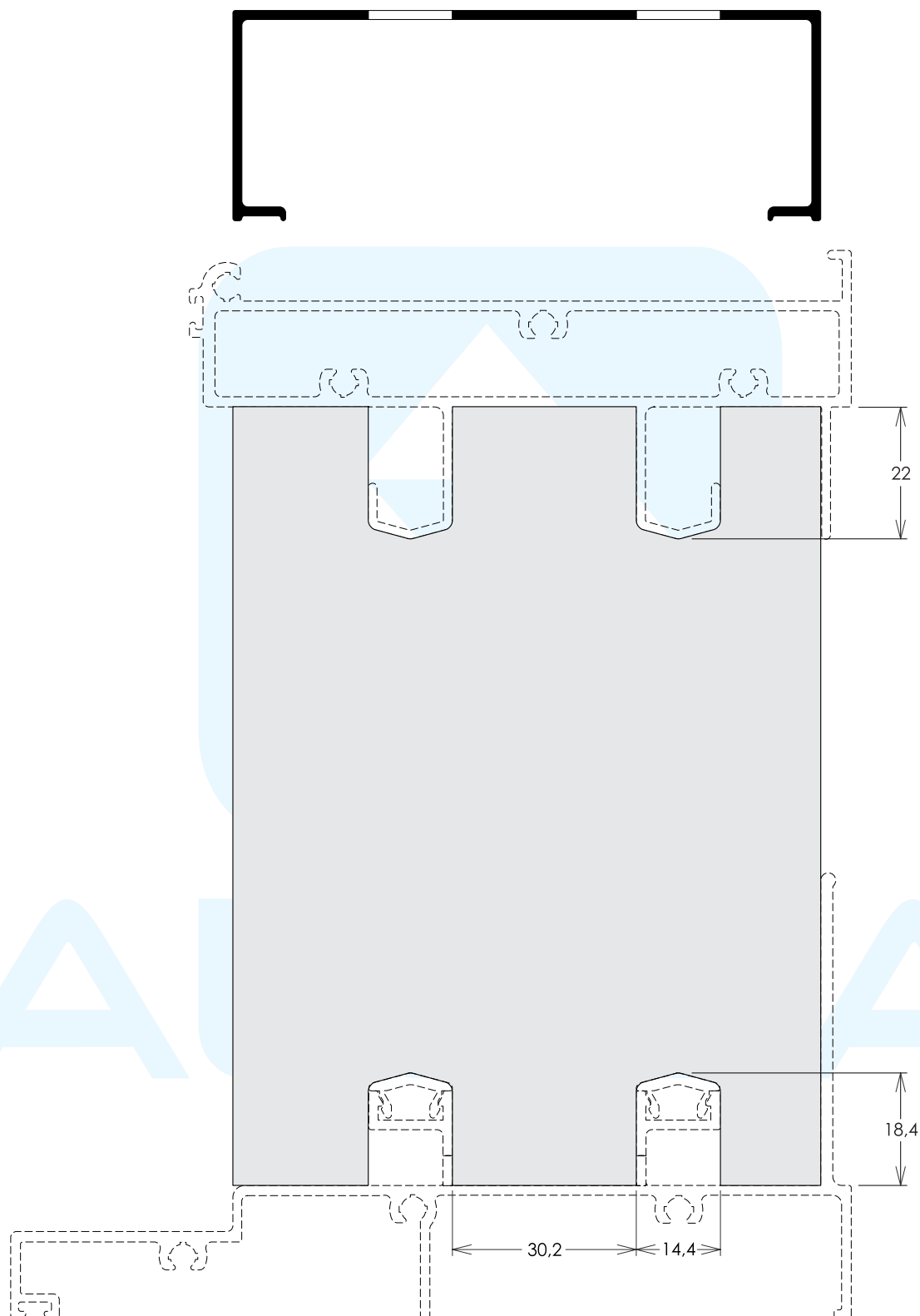
Rasgos de escoamento e caixa de dreno

Usinar perfil:
LG172**Nota:**Espaçamento máximo de 450mm
a 500mm, entre eixos.Para vãos maiores, aumentar o número
de rasgos de escoamento.

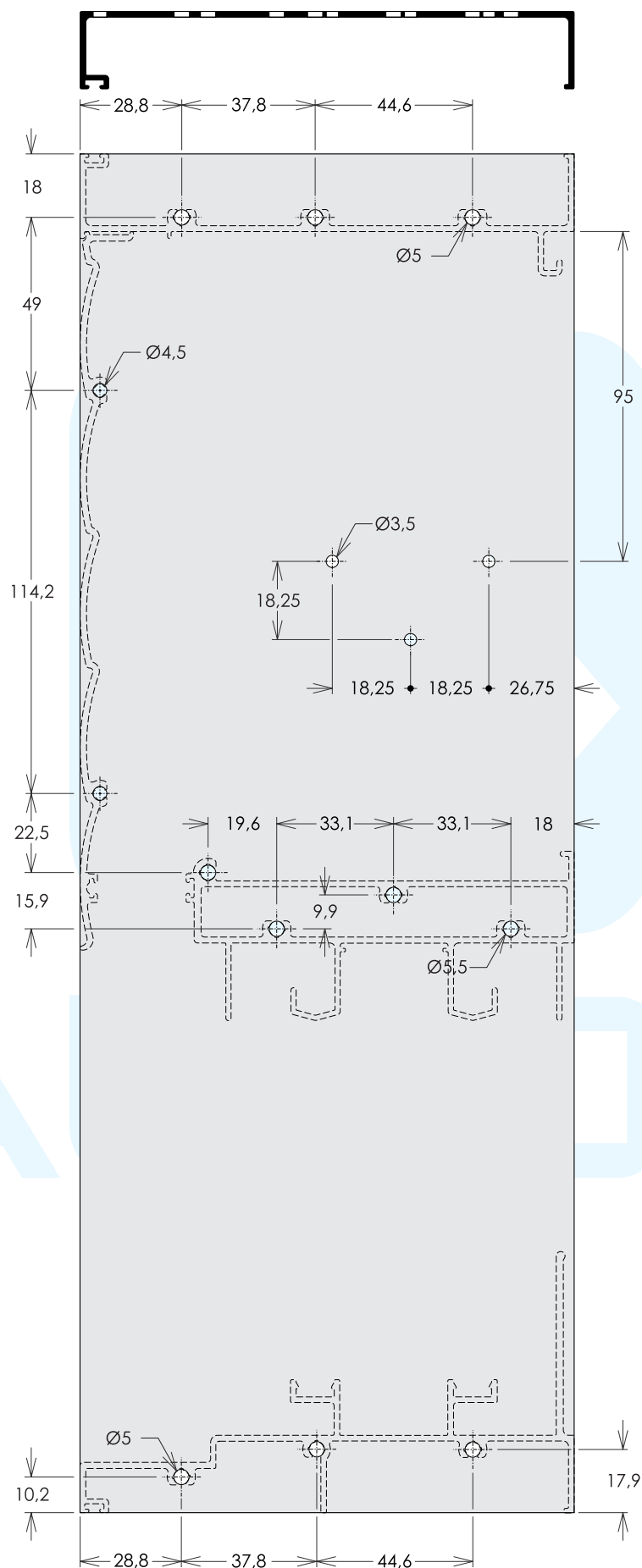
Fixação da tampa externa

Usinar perfil:
LG168

Rasgos para passagem do trilho

Usinar perfil:
MN050

Furação dos marcos laterais - Integrada

Usinar perfil:
LG170

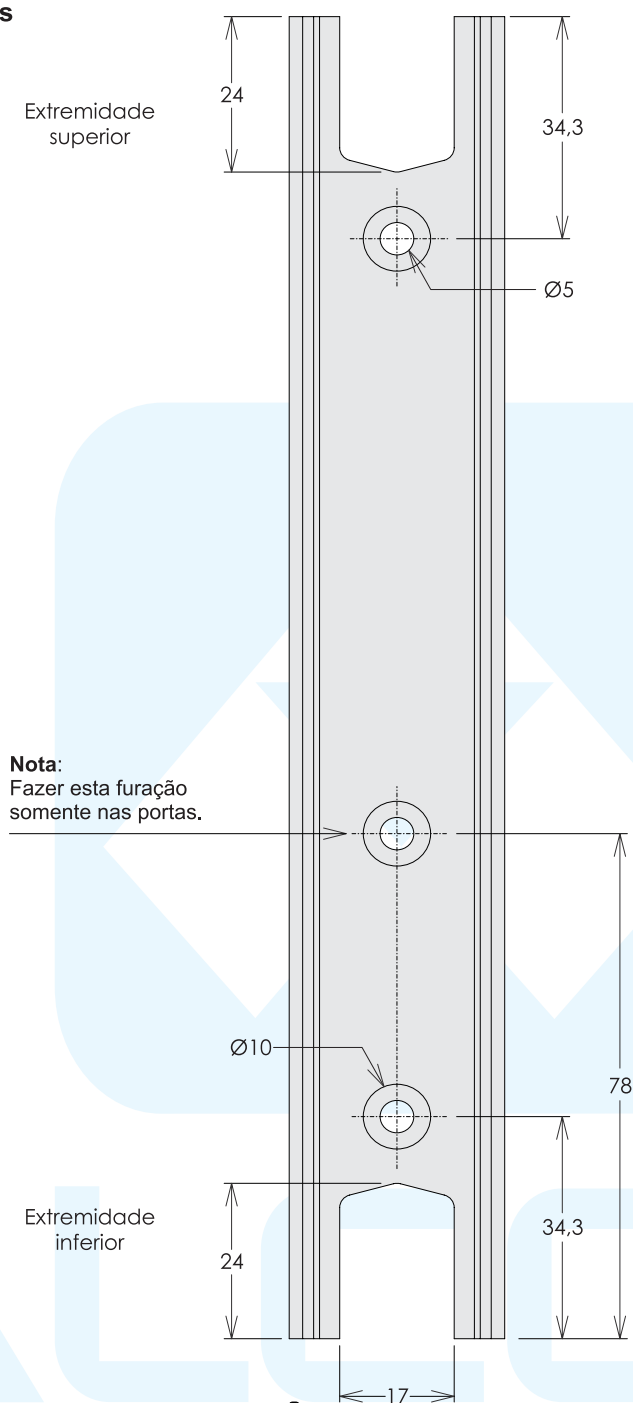
**Furação para
recolhedor REC011.**
Verificar furação de acordo
com o manual de recolhedor
especificado para a obra.

Rasgos para passagem do trilho - Matajunta

Usinar perfil:
LG028

Rasgos para passagem do trilho

Fixação dos montantes



Usinar perfis:

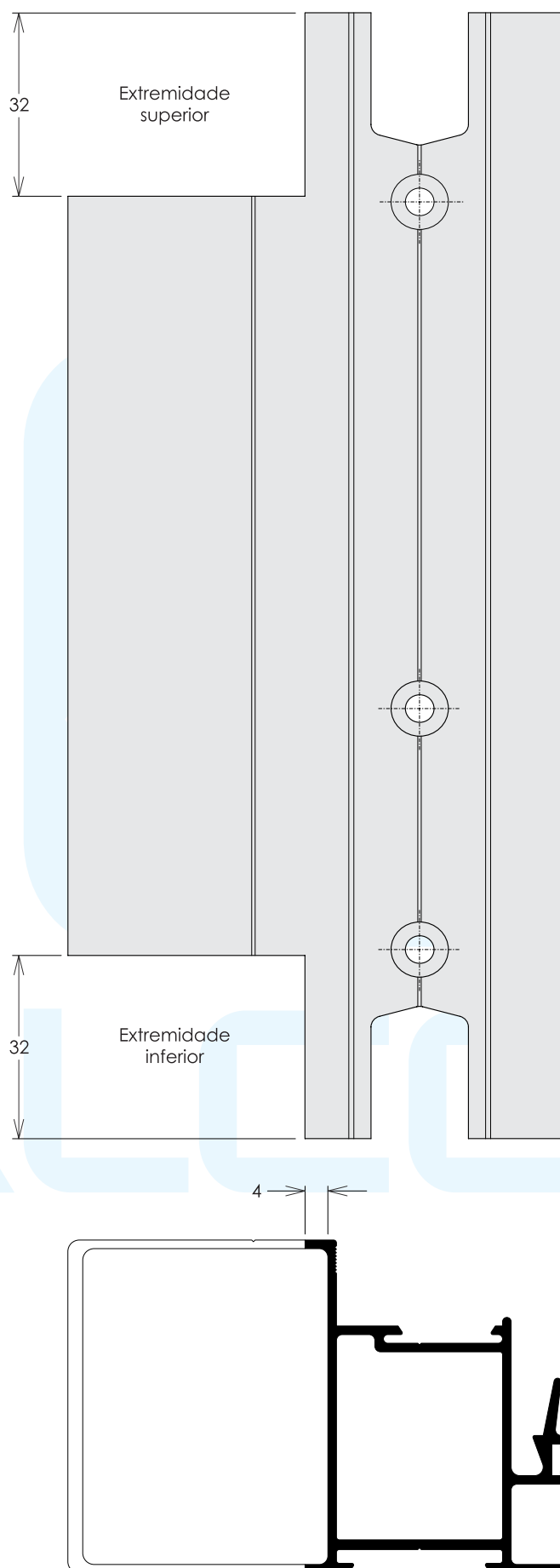
LG017
LG018
LG019
LG020
LG021
LG048
LG049
LG050
LG051
LG052
LG053
LG054
LG126
LG127
LG128
LG132
LG133
LG134
LG135
LG136
LG137
LG138
LG139
LG140
LG149
LG150
LG151
LG152
LG153
LG154
LG155
LG156
LG162
LG163

Nota:
Peças conforme e contrário

Desabe do reforço - Superior e inferior

Usinar perfis:

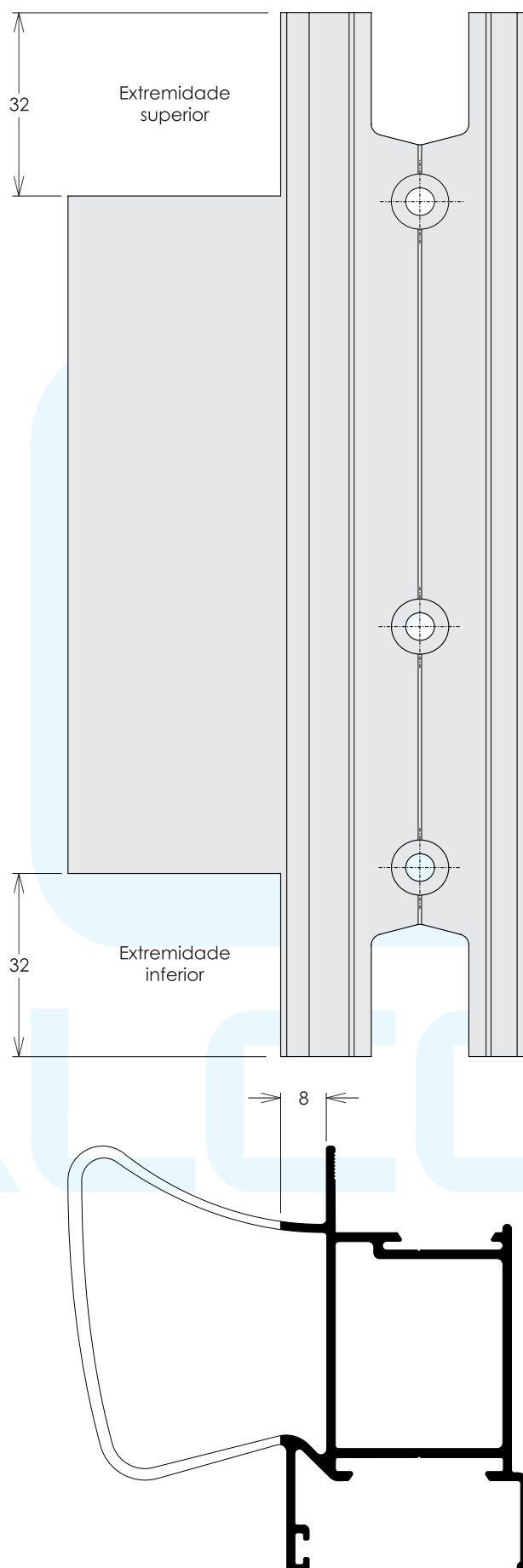
LG018
LG021
LG052
LG054
LG127
LG135
LG137
LG138
LG140
LG150
LG155



Nota:
Peças conforme e contrário

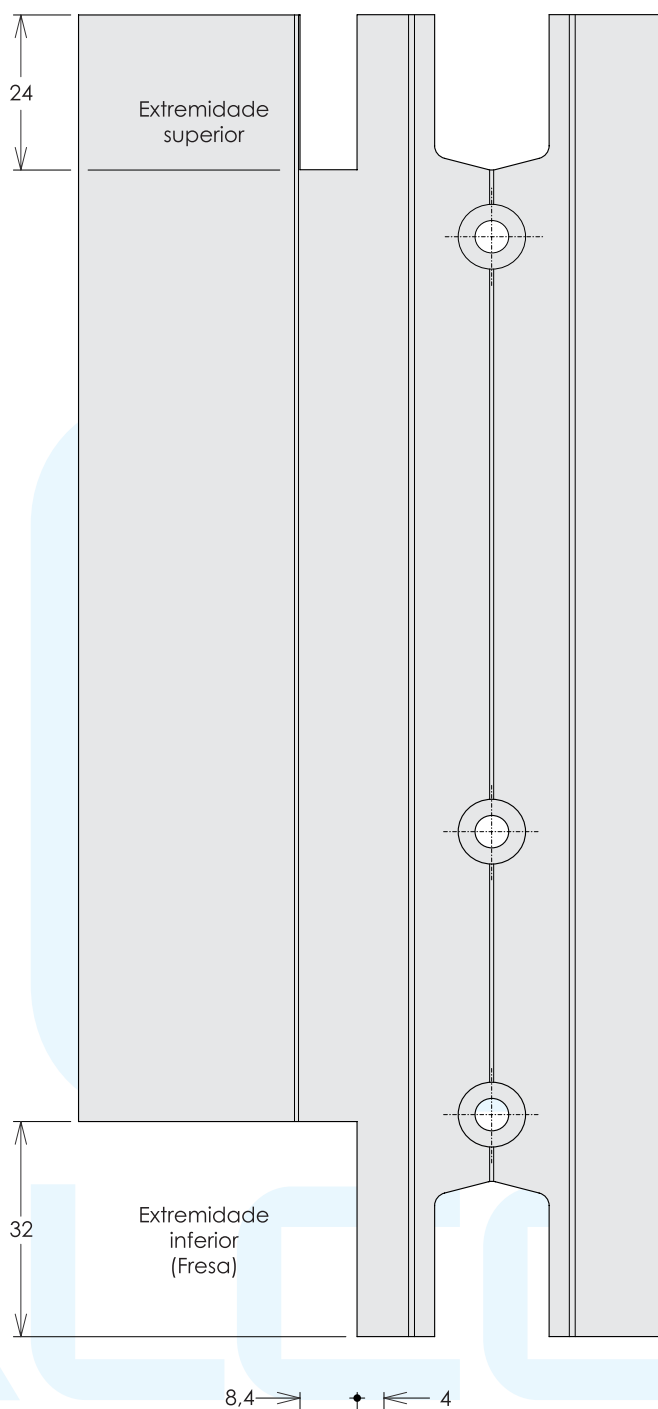
Desabe do reforço - Superior e inferior

Usinar perfis:

LG053**LG136****LG139****LG156**

Nota:
Peças conforme e contrário

Desabe do reforço - Superior e inferior



Usinar perfis:

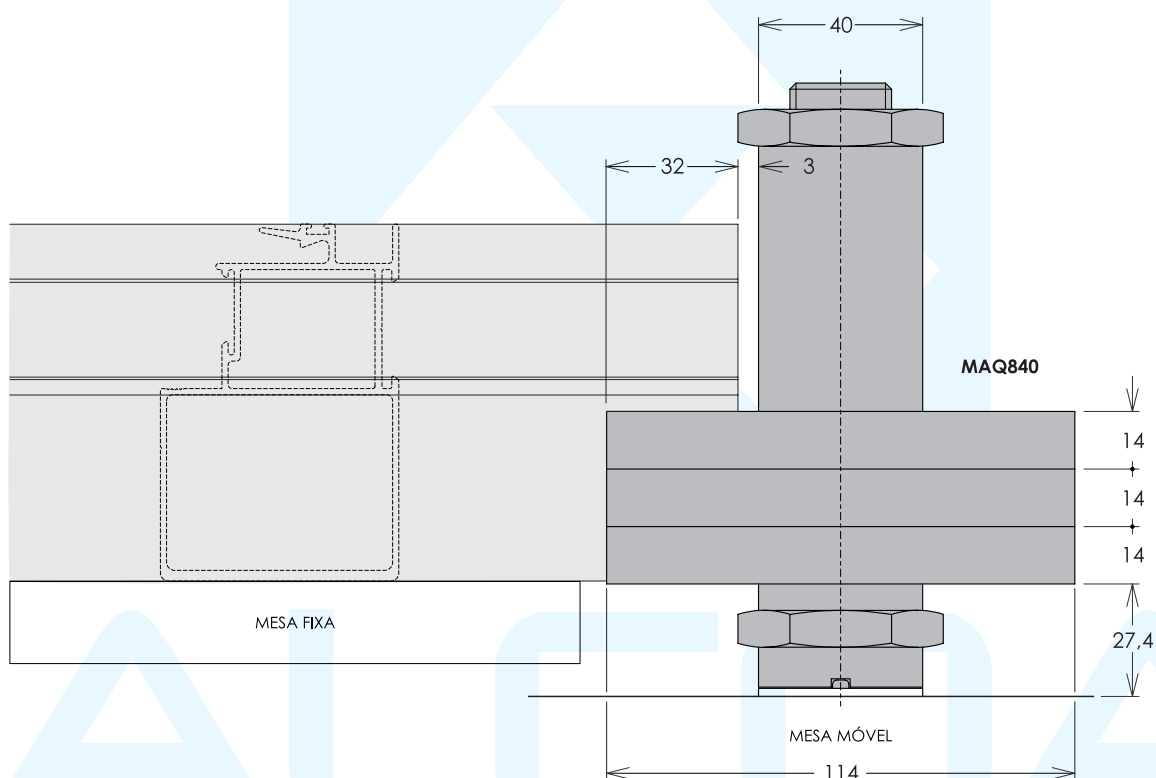
LG018
LG021
LG052
LG054
LG127
LG135
LG137
LG138
LG140
LG150
LG155

Nota:
Peças conforme e contrário

Detalhe de usinagem com Entestadeira

Usinar perfis:

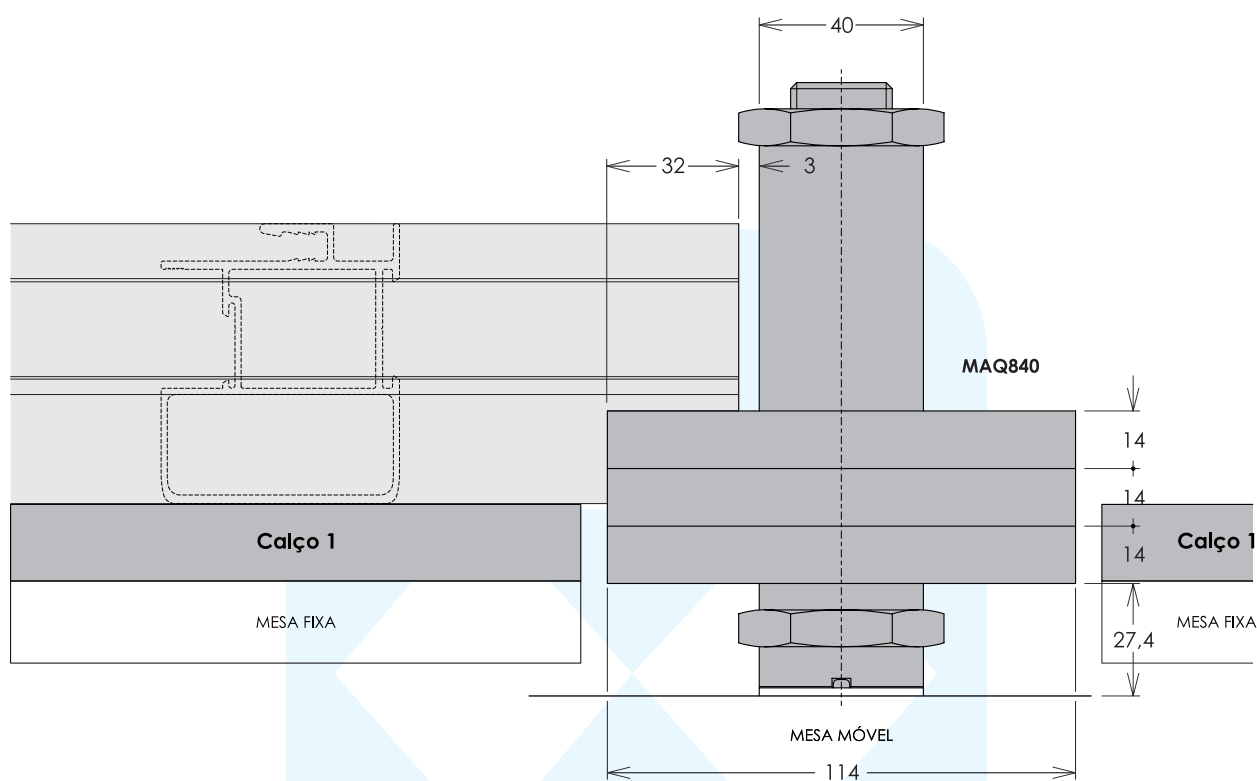
LG018
LG021
LG052
LG054
LG127
LG135
LG137
LG138
LG140
LG150
LG155



Fresa de Topo Lilliput 9M (MAQ835).
As dimensões da fresa de topo são orientativas,
devendo o fornecedor da fresa confirmá-las.

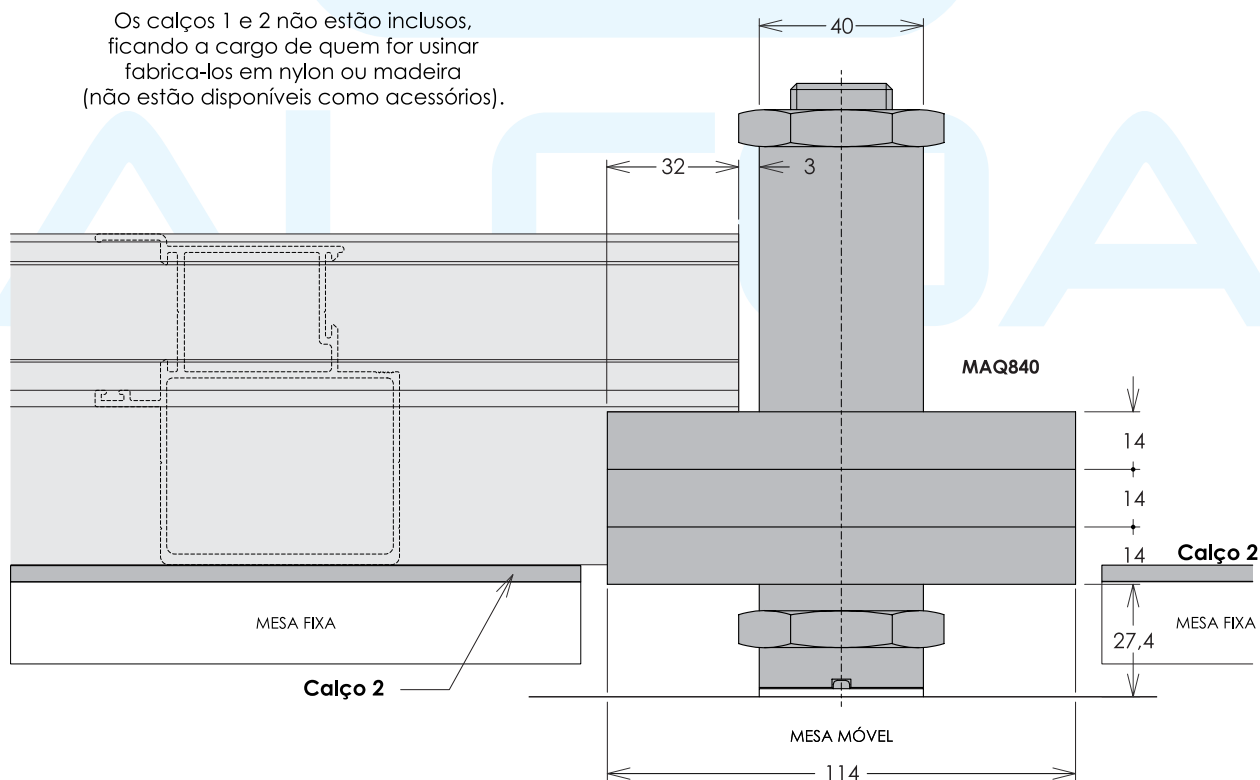
Detalhe de usinagem com Entestadeira

Usinar perfis:

LG018**LG053****LG136****LG156**

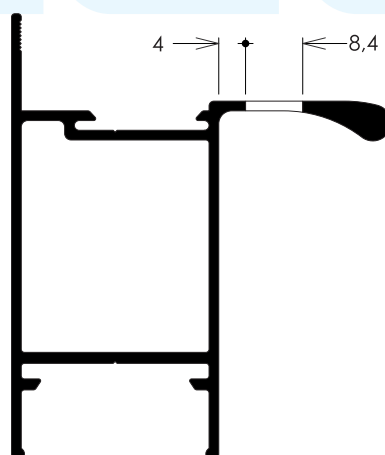
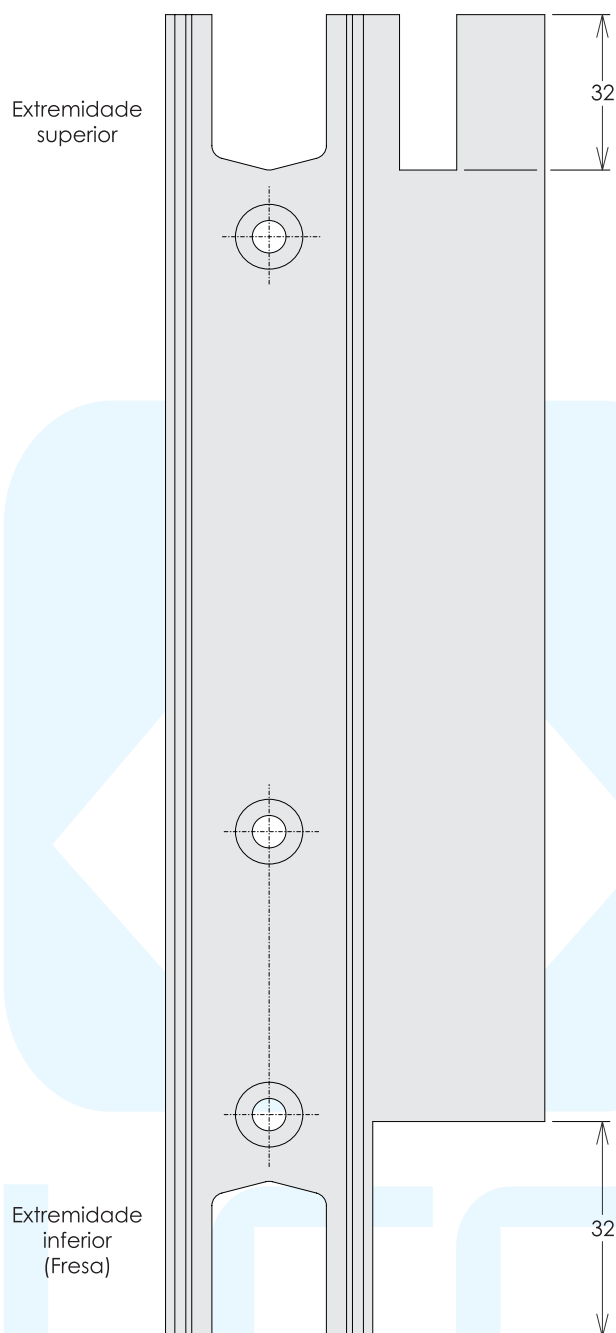
Fresa de Topo Lilliput 9M (MAQ835).
As dimensões da fresa de topo são orientativas,
devendo o fornecedor da fresa confirmá-las.

Os calços 1 e 2 não estão inclusos,
ficando a cargo de quem for usar
fabricá-los em nylon ou madeira
(não estão disponíveis como acessórios).



Desabe do reforço - Superior e inferior

Usinar perfis:

LG017**LG020****LG126****LG134****LG149****LG154**

Nota:
Peças conforme e contrário

Desabe do reforço - Superior e inferior

Usinar perfis:

LG017

LG020

LG126

LG134

LG149

LG154

Extremidade
superior

32

Extremidade
inferior

32

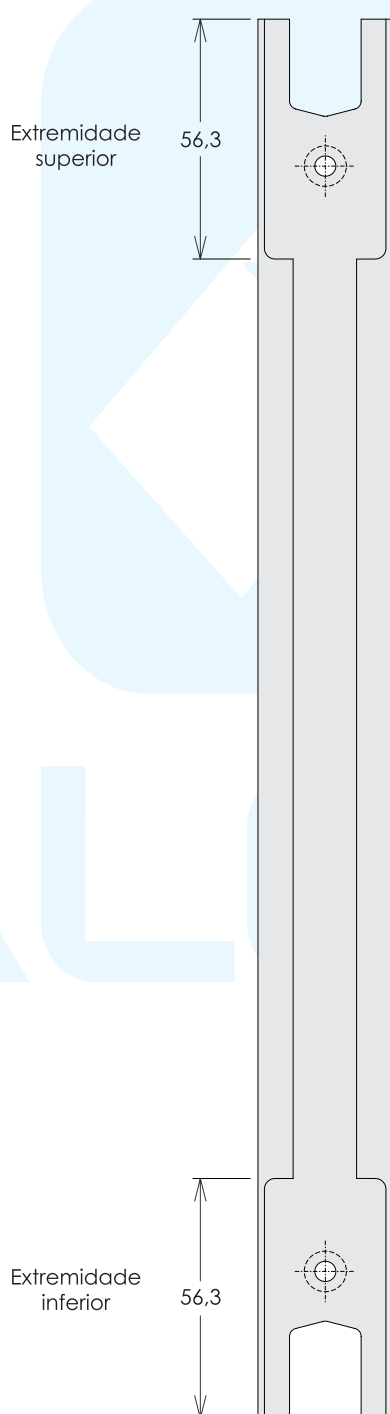
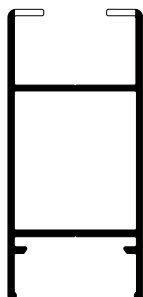
4

Nota:
Peças conforme e contrário

Rasgos para alojamento das travessas
Construção sem baguete - Janela

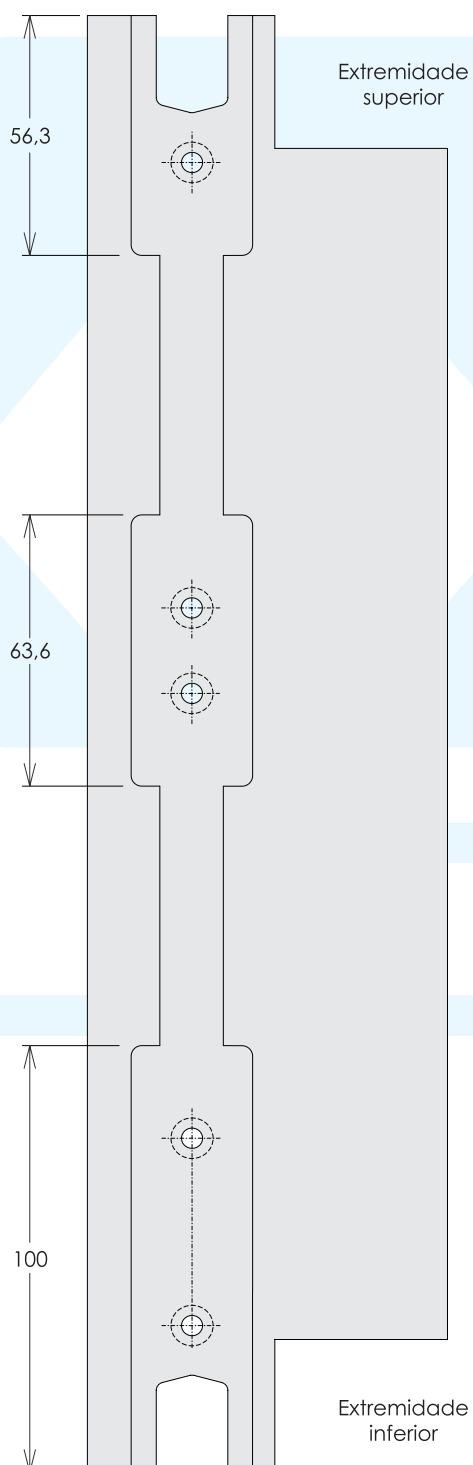
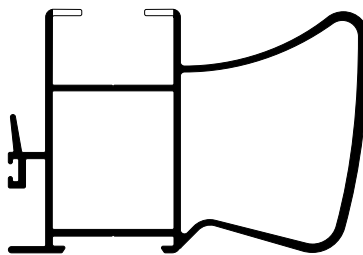
Usinar perfis:

LG126
LG128
LG132
LG133
LG134
LG151
LG152
LG153
LG163



Nota:
Peças conforme e contrário

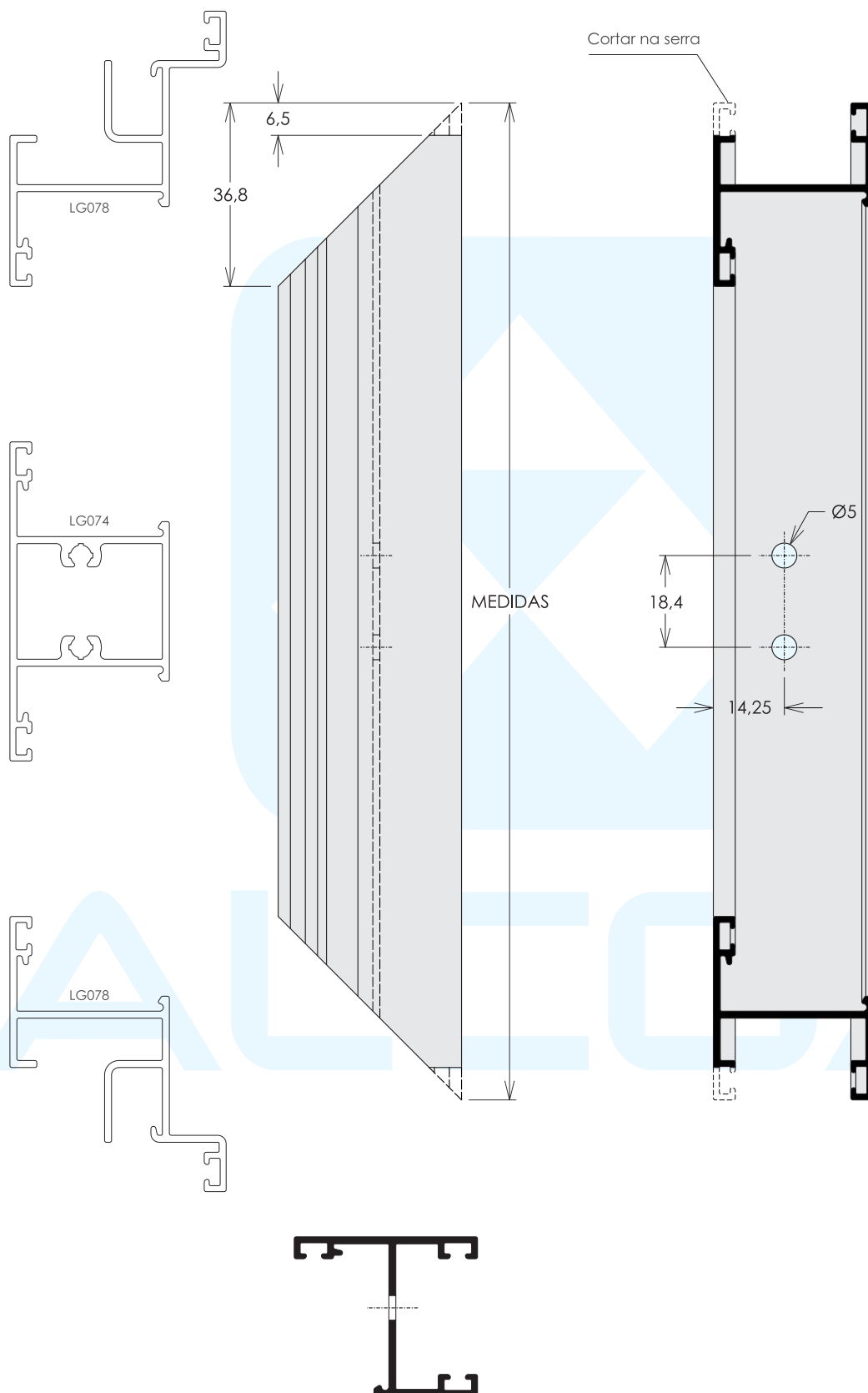
Rasgos para alojamento das travessas
Construção sem baguete - Portas



Usinar perfis:

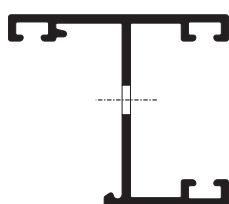
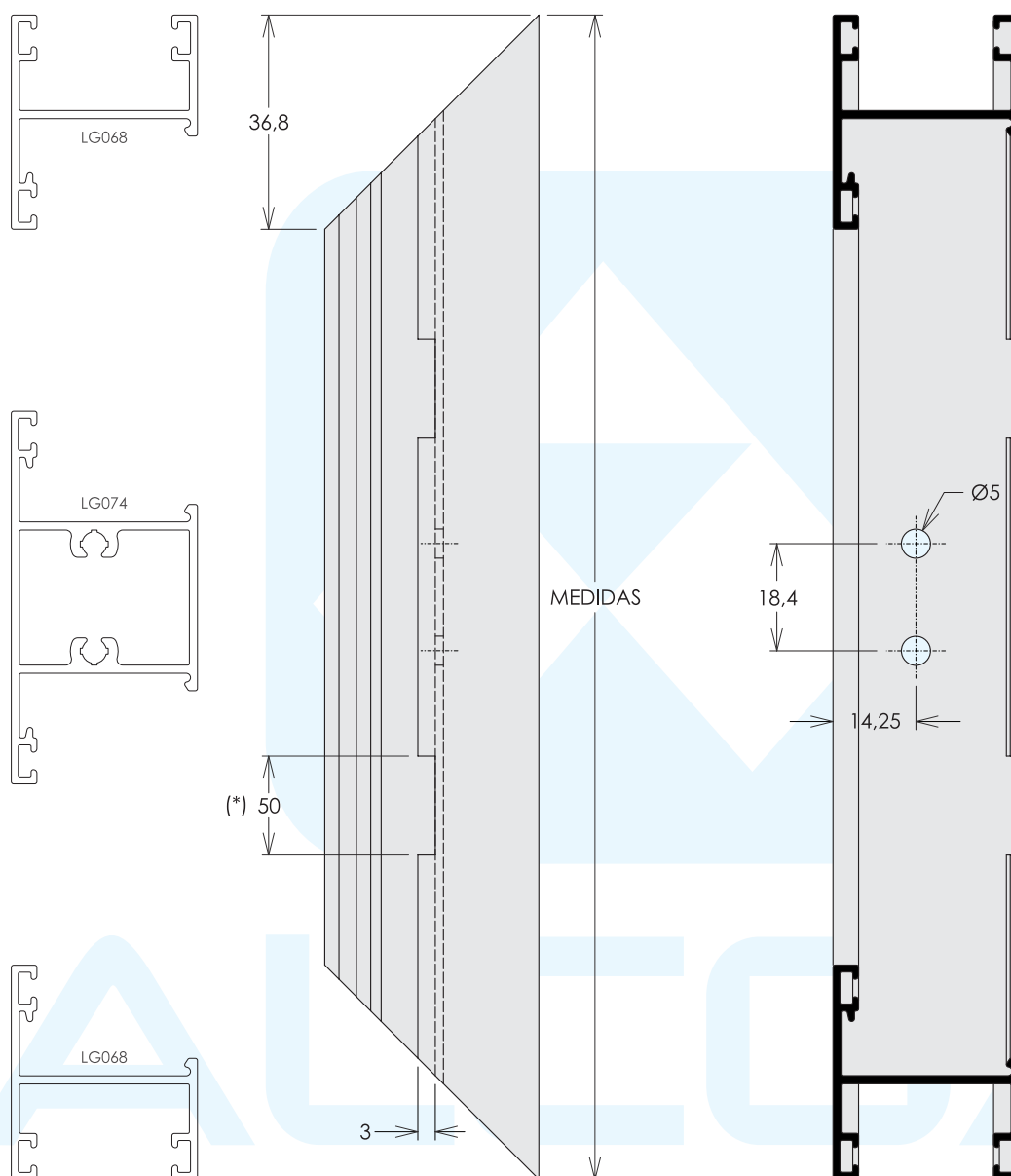
LG126
 LG127
 LG128
 LG132
 LG133
 LG134
 LG135
 LG136
 LG149
 LG150
 LG151
 LG152
 LG153
 LG154
 LG155
 LG156
 LG163

Nota:
 Peças conforme e contrário

Montante central modulado
Construção PaulistinhaUsinar perfil:
LG068

**Marco vertical / horizontal
Construção Cadeirinha**

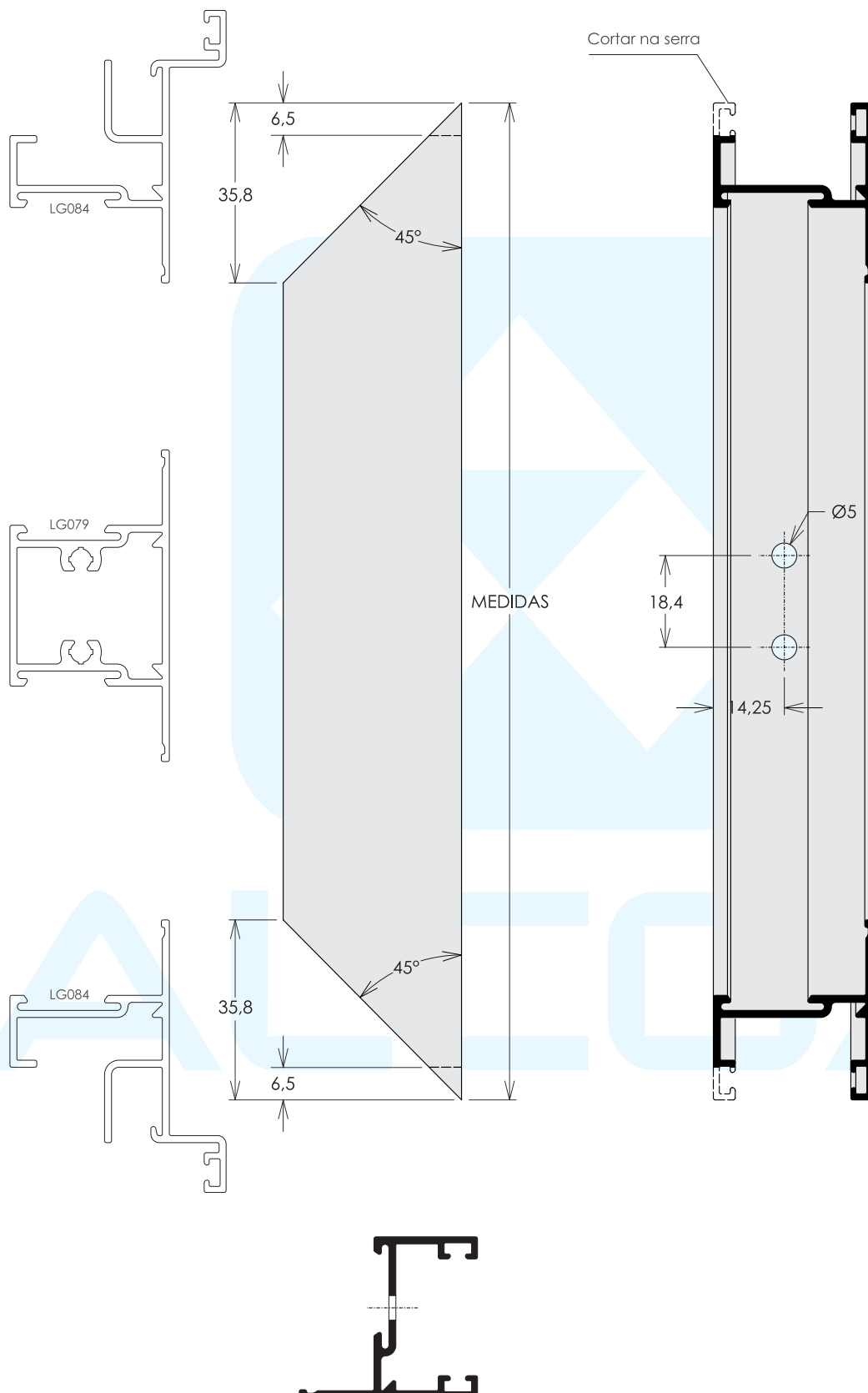
Usinar perfil:
LG068



Mesma usinagem do LG056
para rasgos de 50mm x 3mm.
Somente no marco inferior.

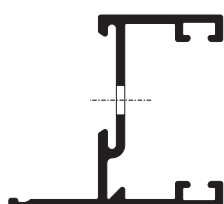
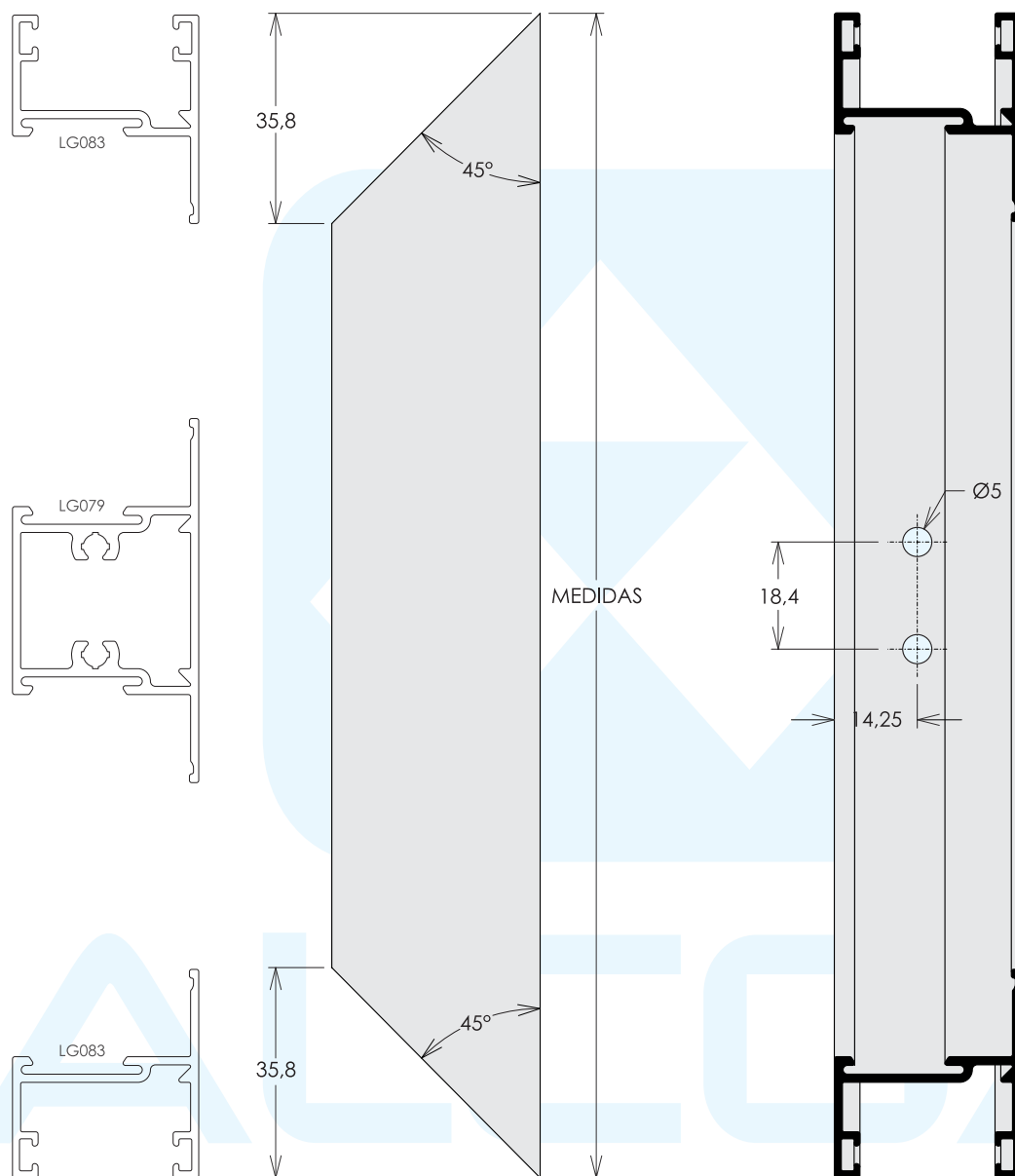
Montante central modulado
Construção Paulistinha

Usinar perfil:
LG083



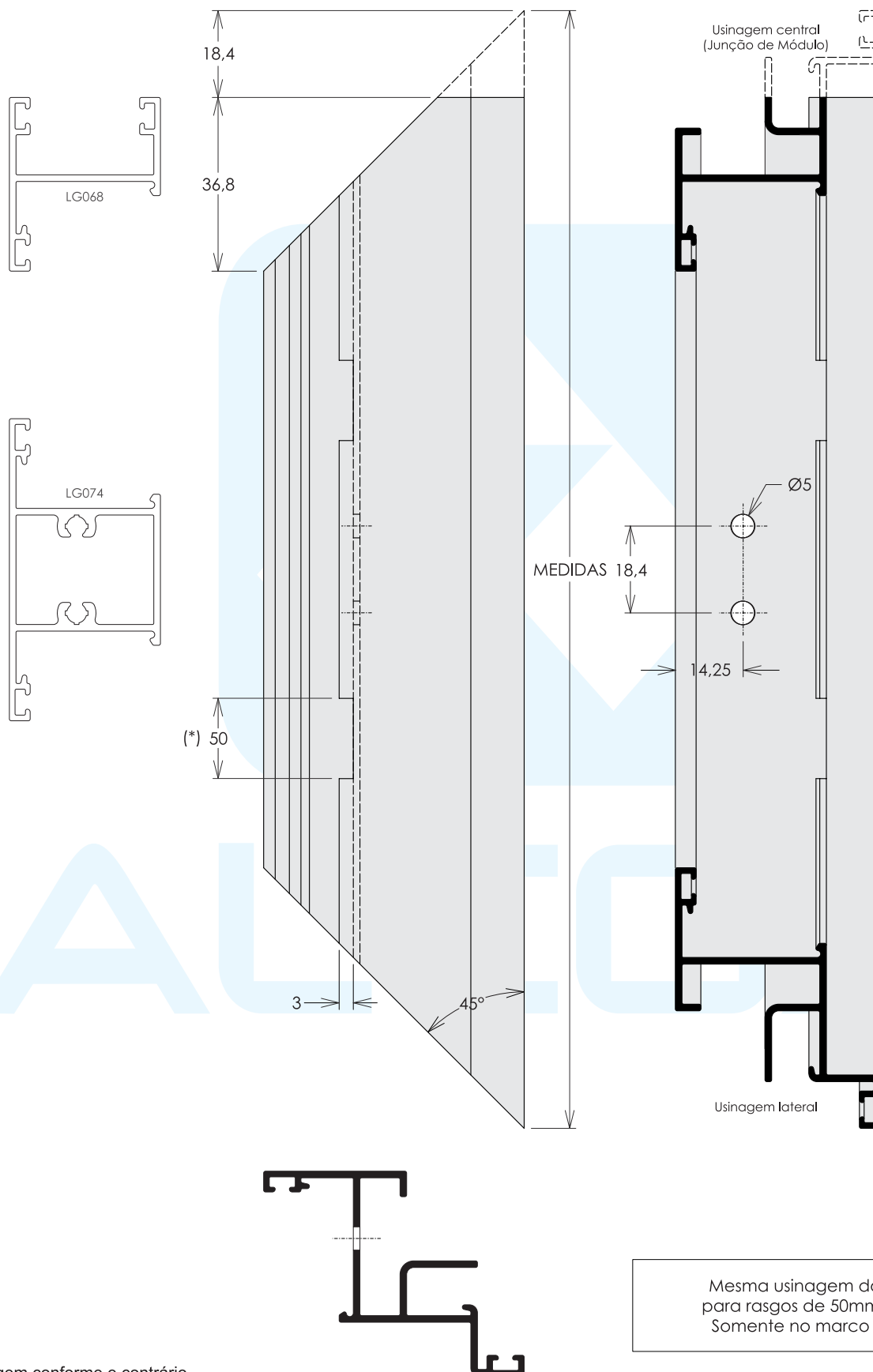
Marco vertical / horizontal
Construção Cadeirinha

Usinar perfil:
LG083



Marco vertical / horizontal - Módulos laterais
Construção Paulistinha

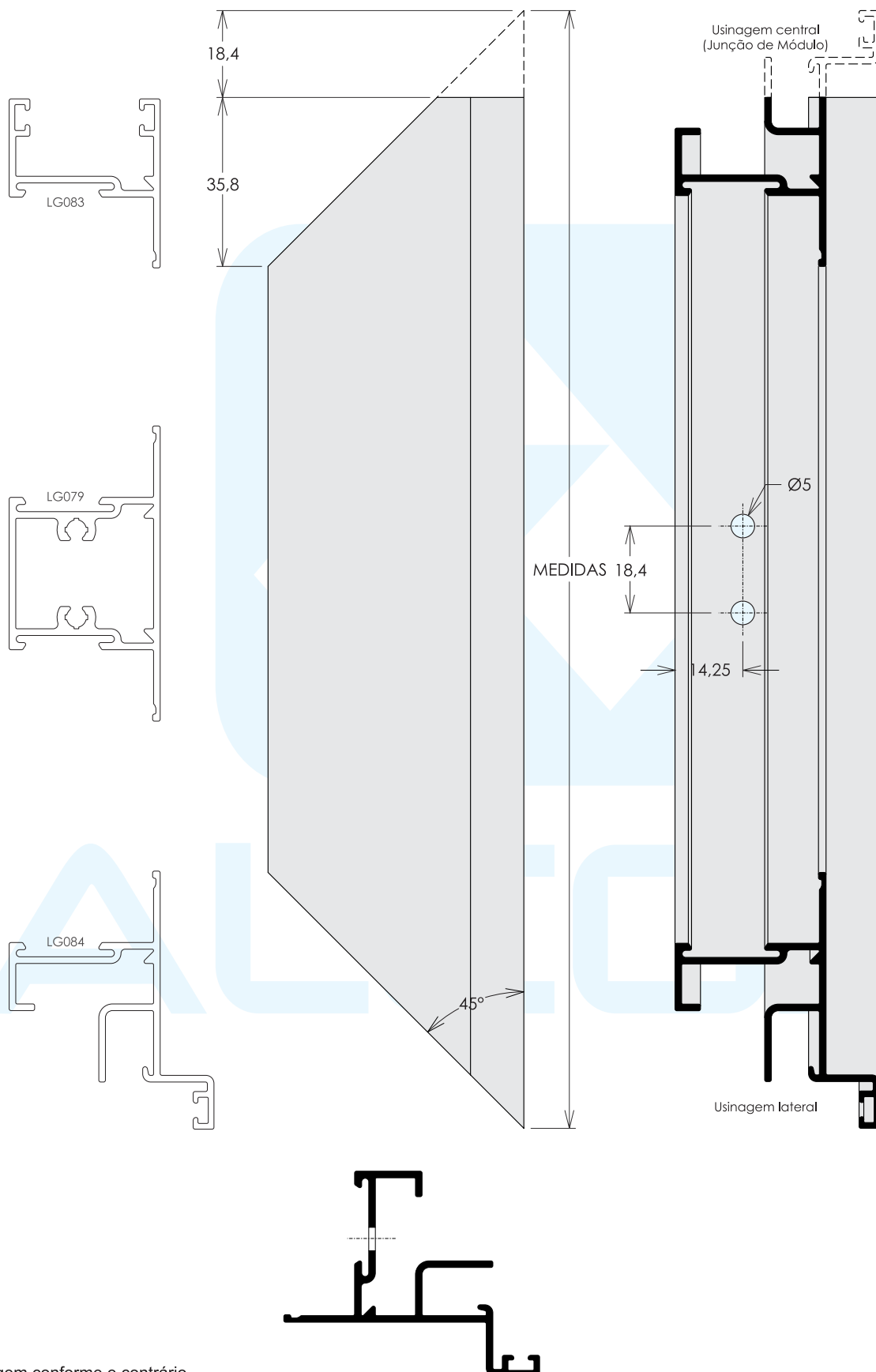
Usinar perfil:
LG078



Nota:
 Usinagem conforme e contrário

Marco horizontal superior e inferior - Módulos laterais
Construção Paulistinha

Usinar perfil:
LG084

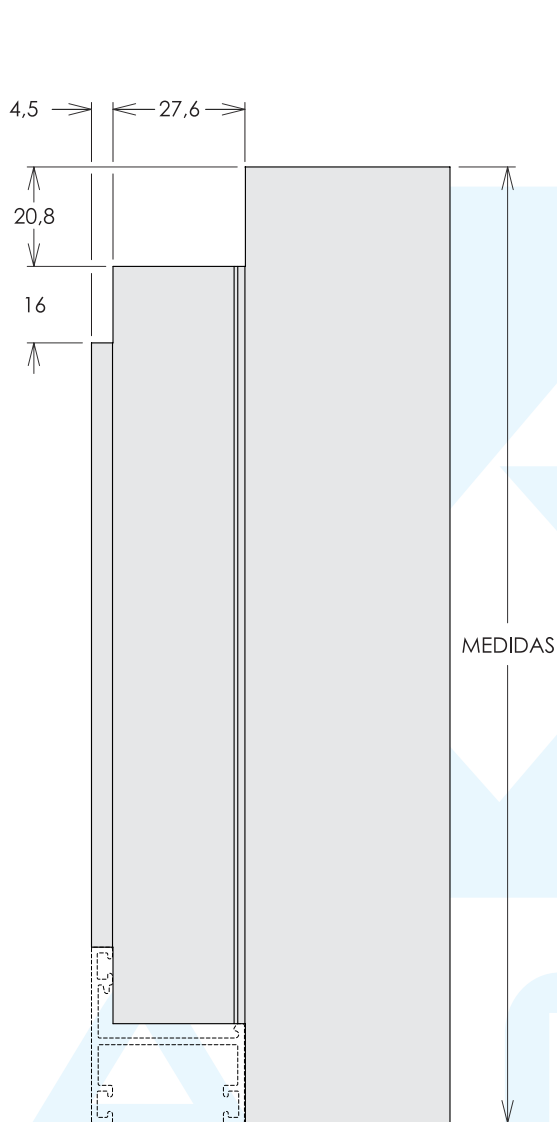


Nota:
 Usinagem conforme e contrário

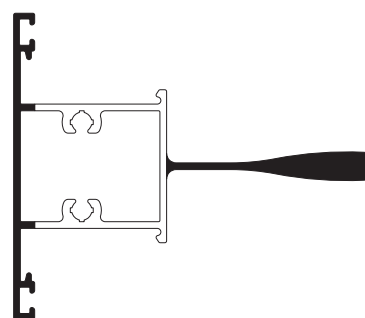
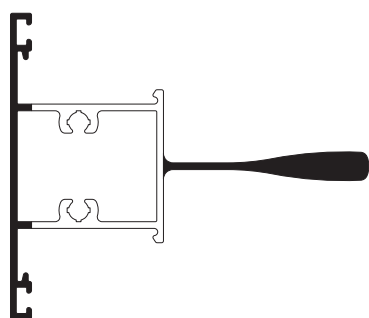
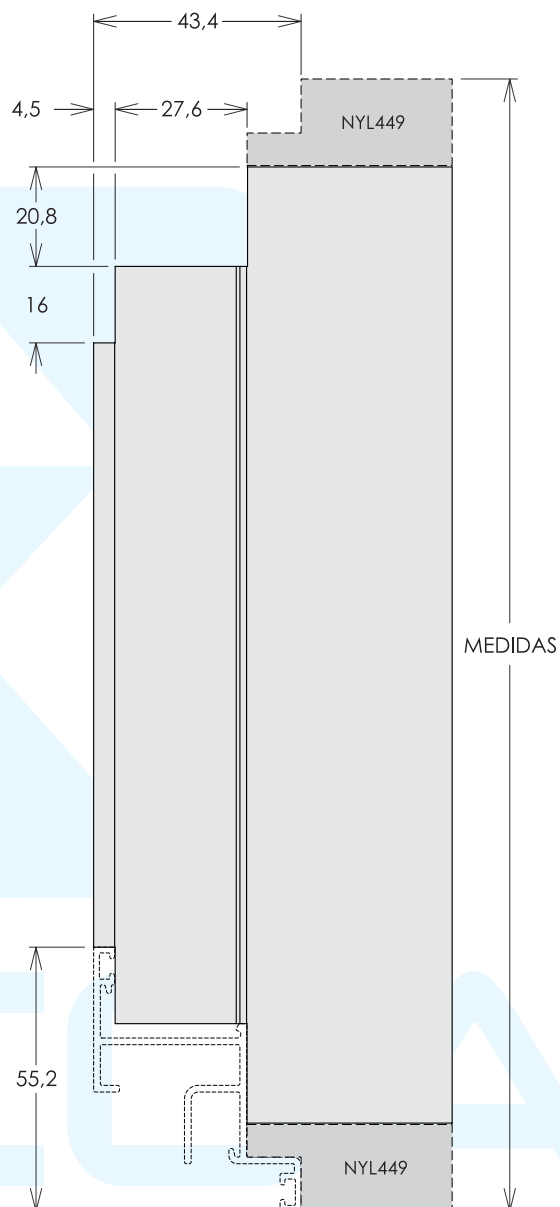
Montante central com reforço

Usinar perfil:
LG075

Construção Cadeirinha

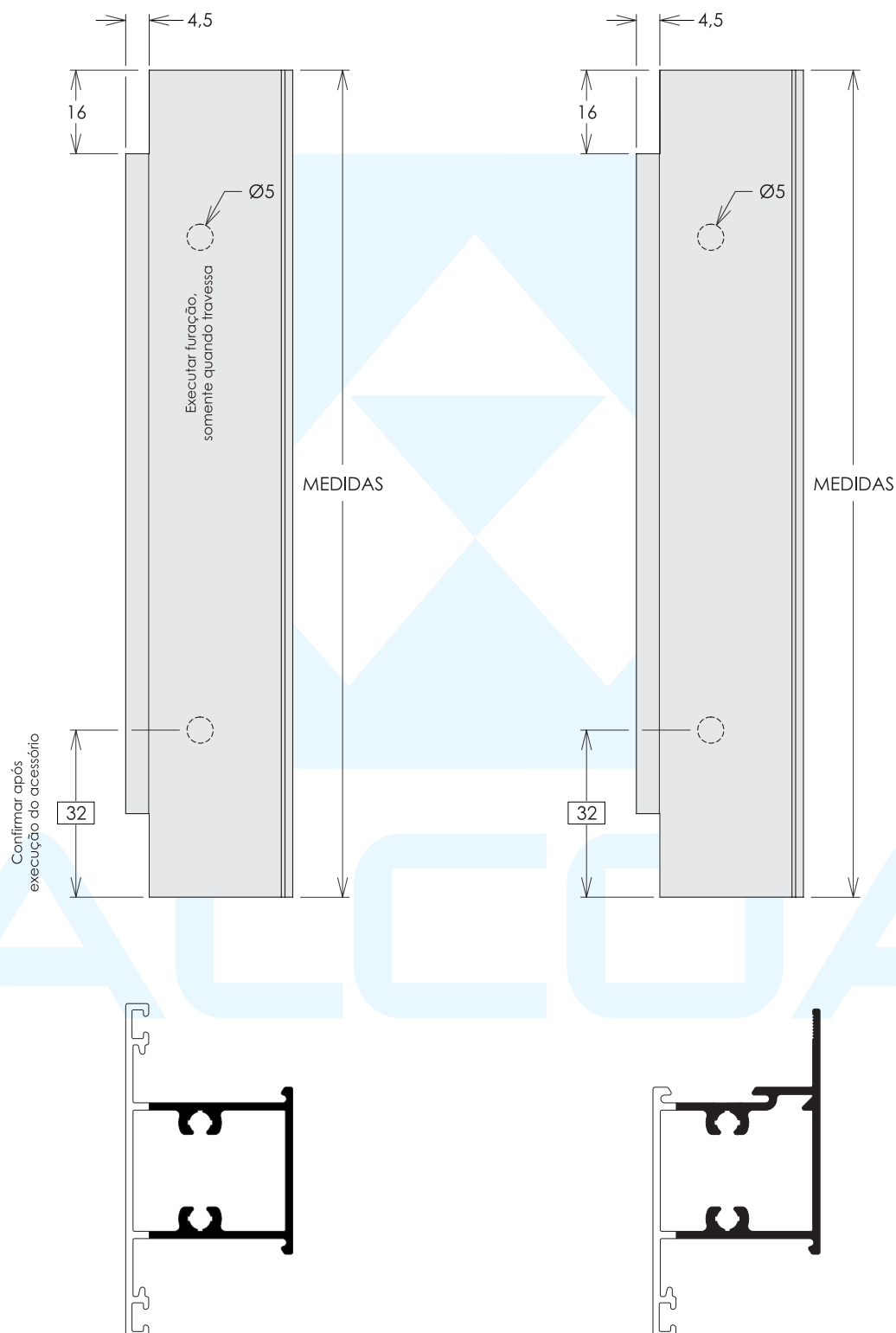


Construção Paulistinha



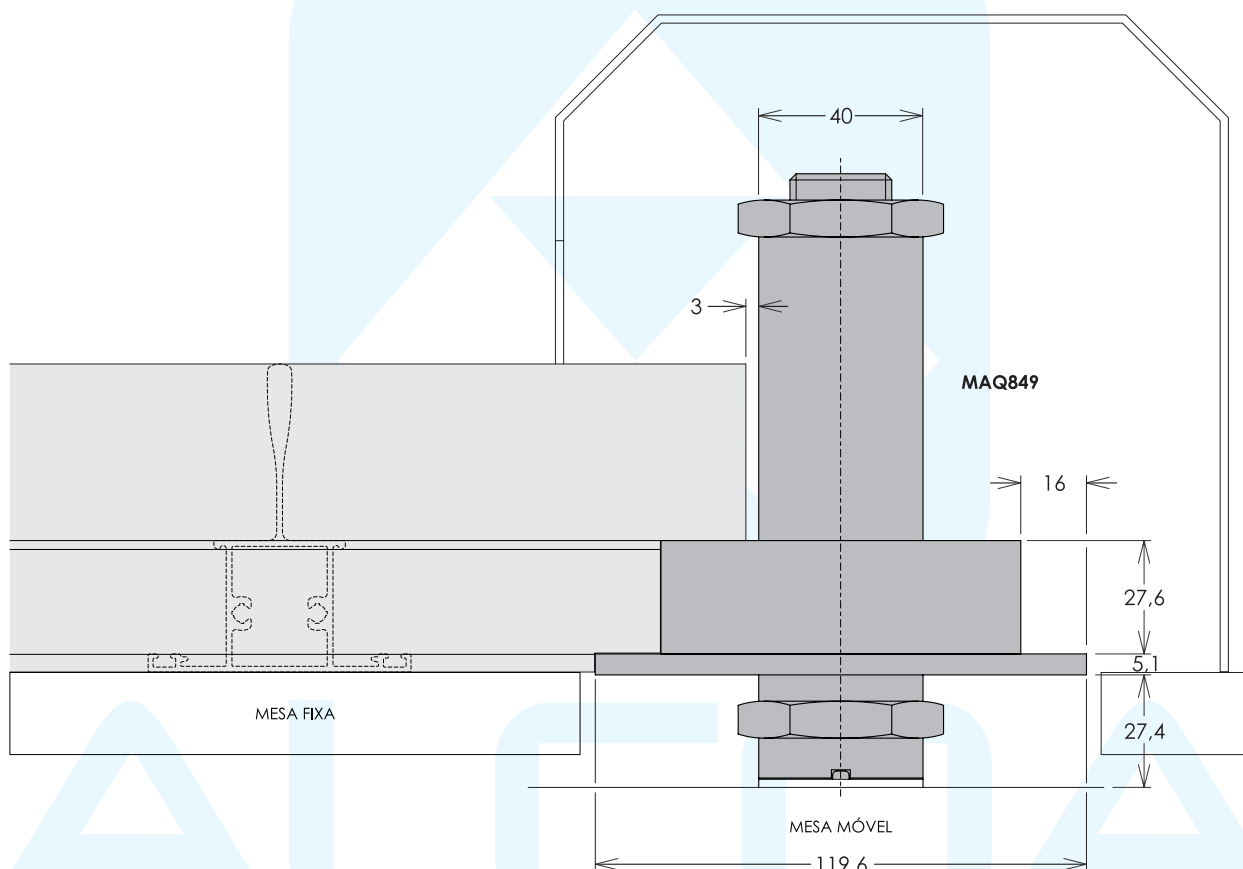
Desabe das travessas

Usinar perfis:

LG074**LG076****LG079**

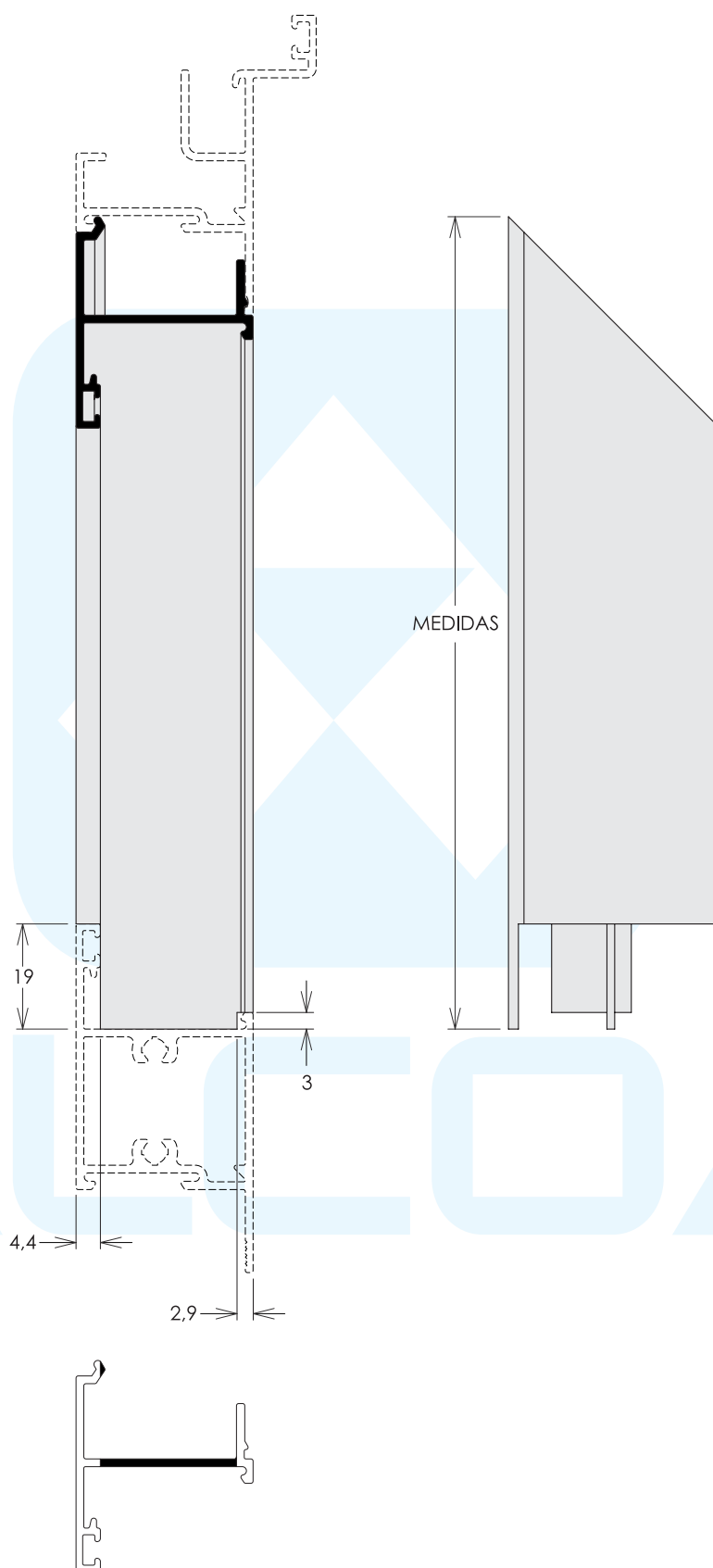
Detalhe de usinagem com Entestadeira

Usinar perfis:

LG074**LG075****LG076**

Fresa de Topo Lilliput 9M (MAQ835).
As dimensões da fresa de topo são orientativas,
devendo o fornecedor da fresa confirmá-las.

Recorte do inversor do marco

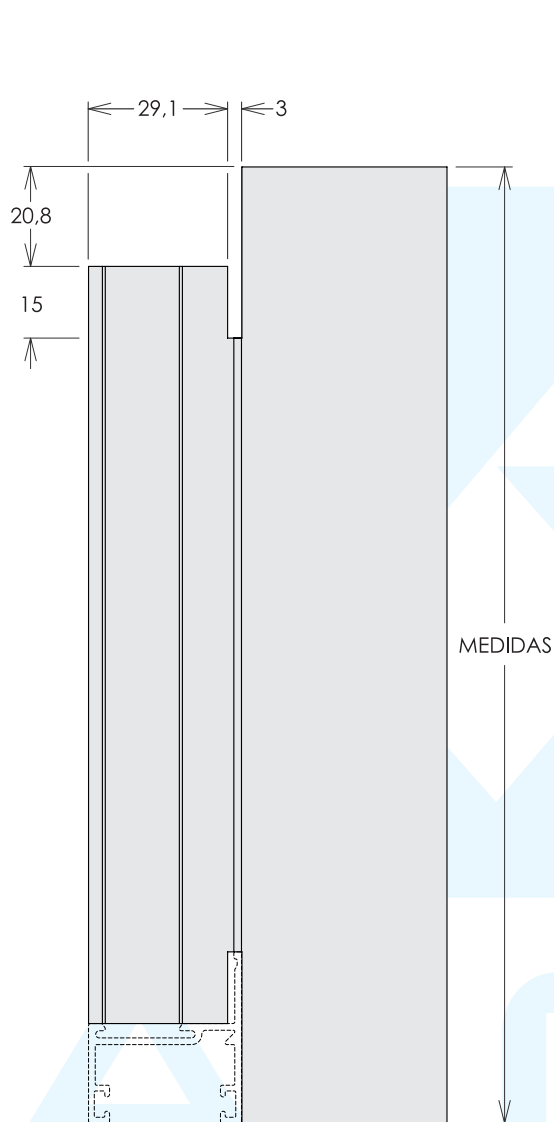
Usinar perfil:
LG082

Nota:
Usinagem conforme e contrário

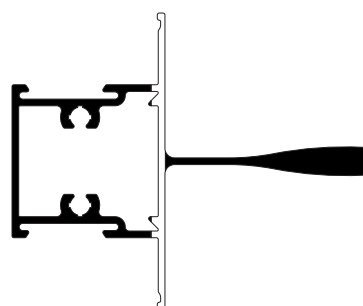
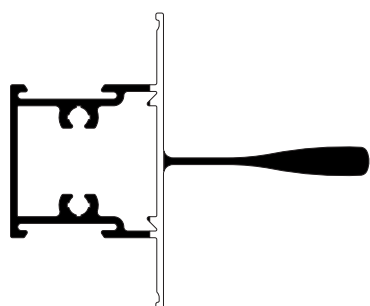
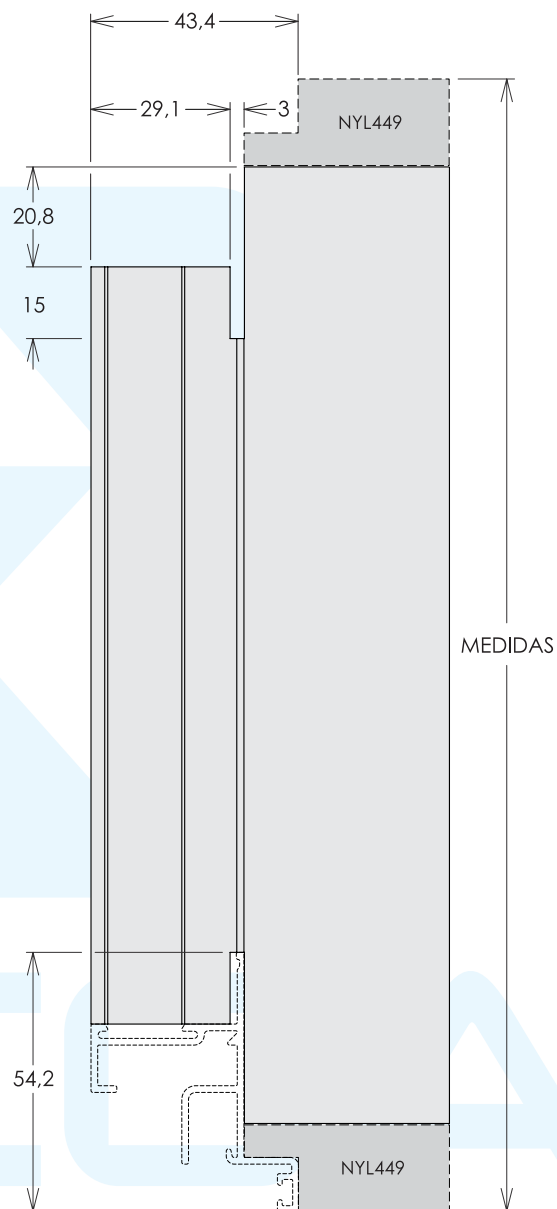
Montante central com reforço

Usinar perfil:
LG080

Construção Cadeirinha

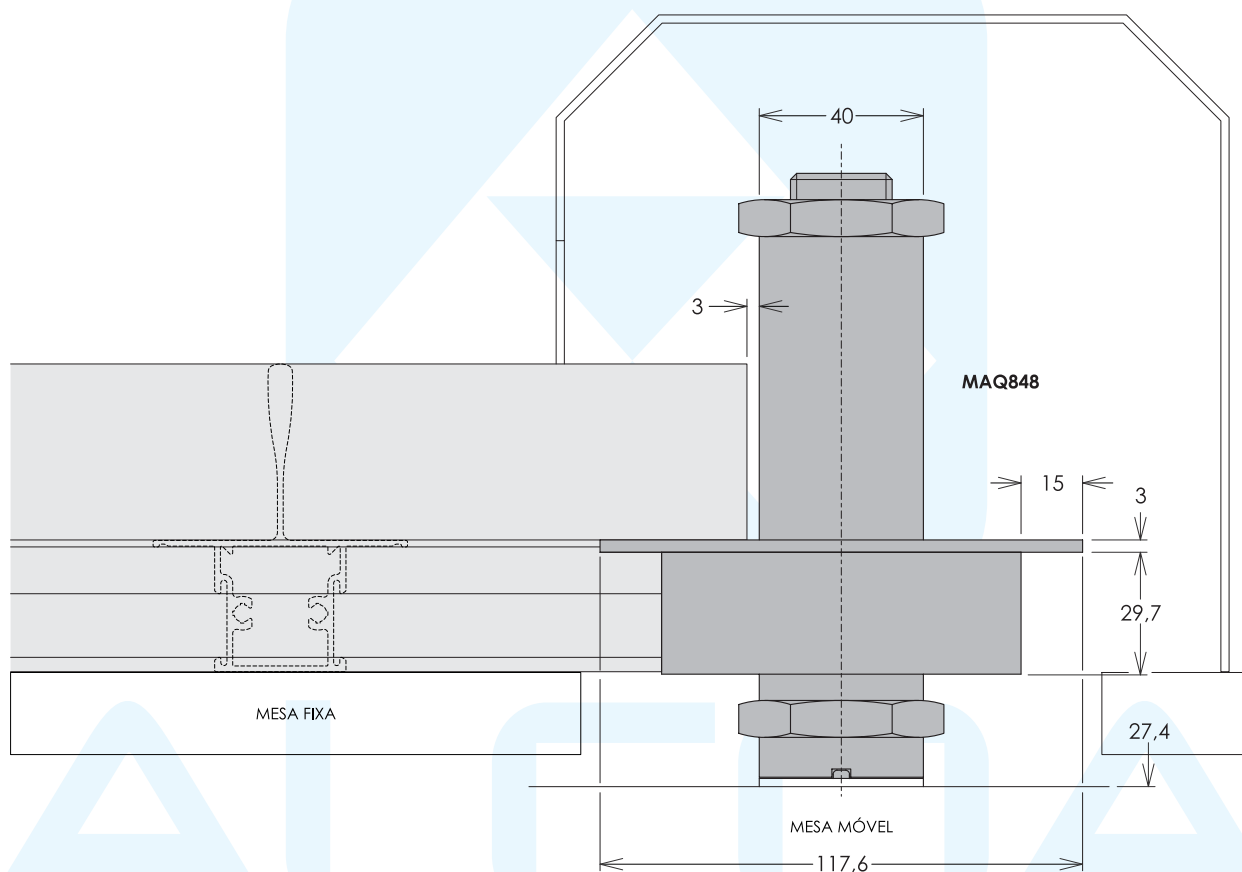


Construção Paulistinha



Detalhe de usinagem com Entestadeira

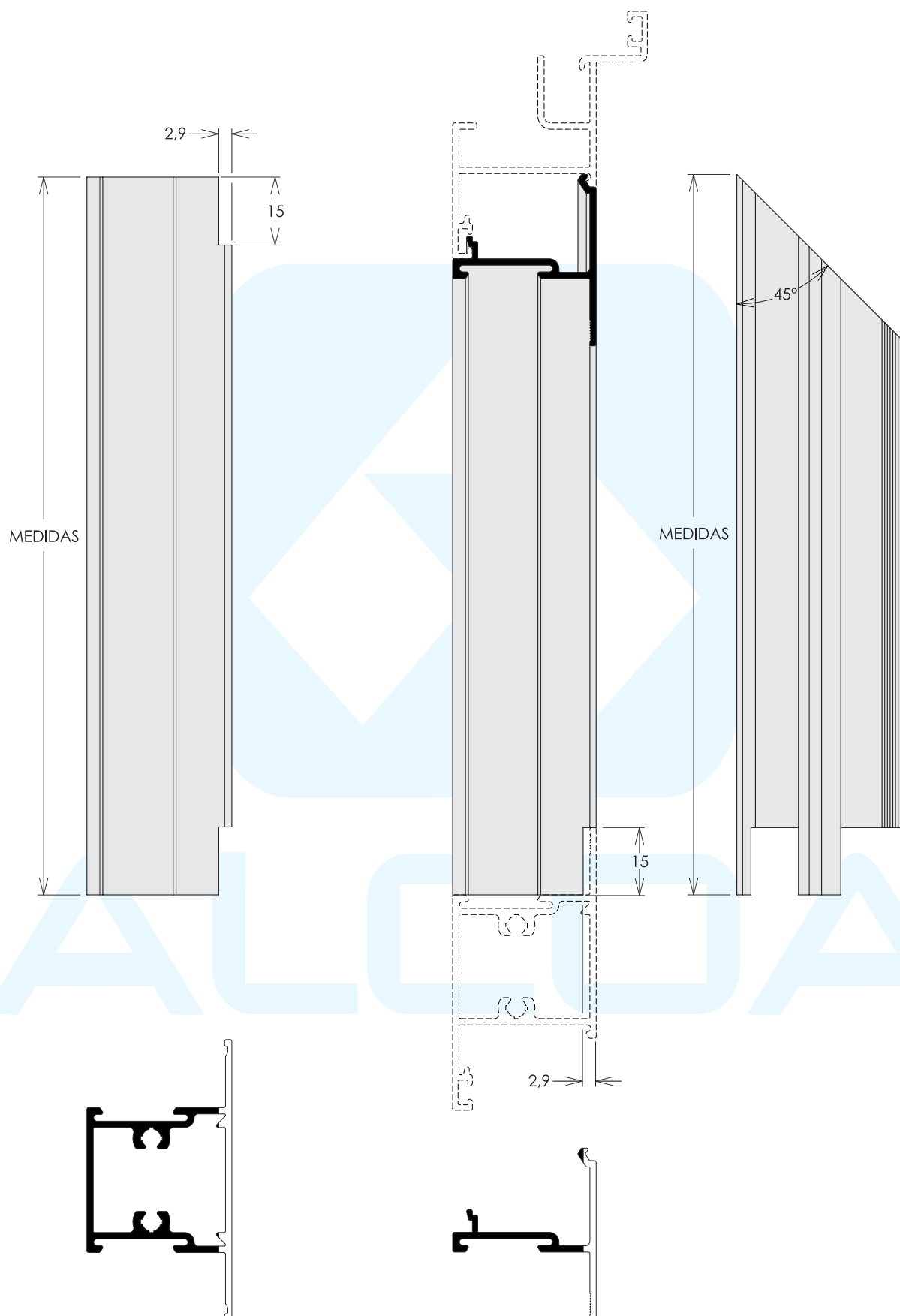
Usinar perfis:

LG077**LG079****LG080**

Fresa de Topo Lilliput 9M (MAQ835).
As dimensões da fresa de topo são orientativas,
devendo o fornecedor da fresa confirmá-las.

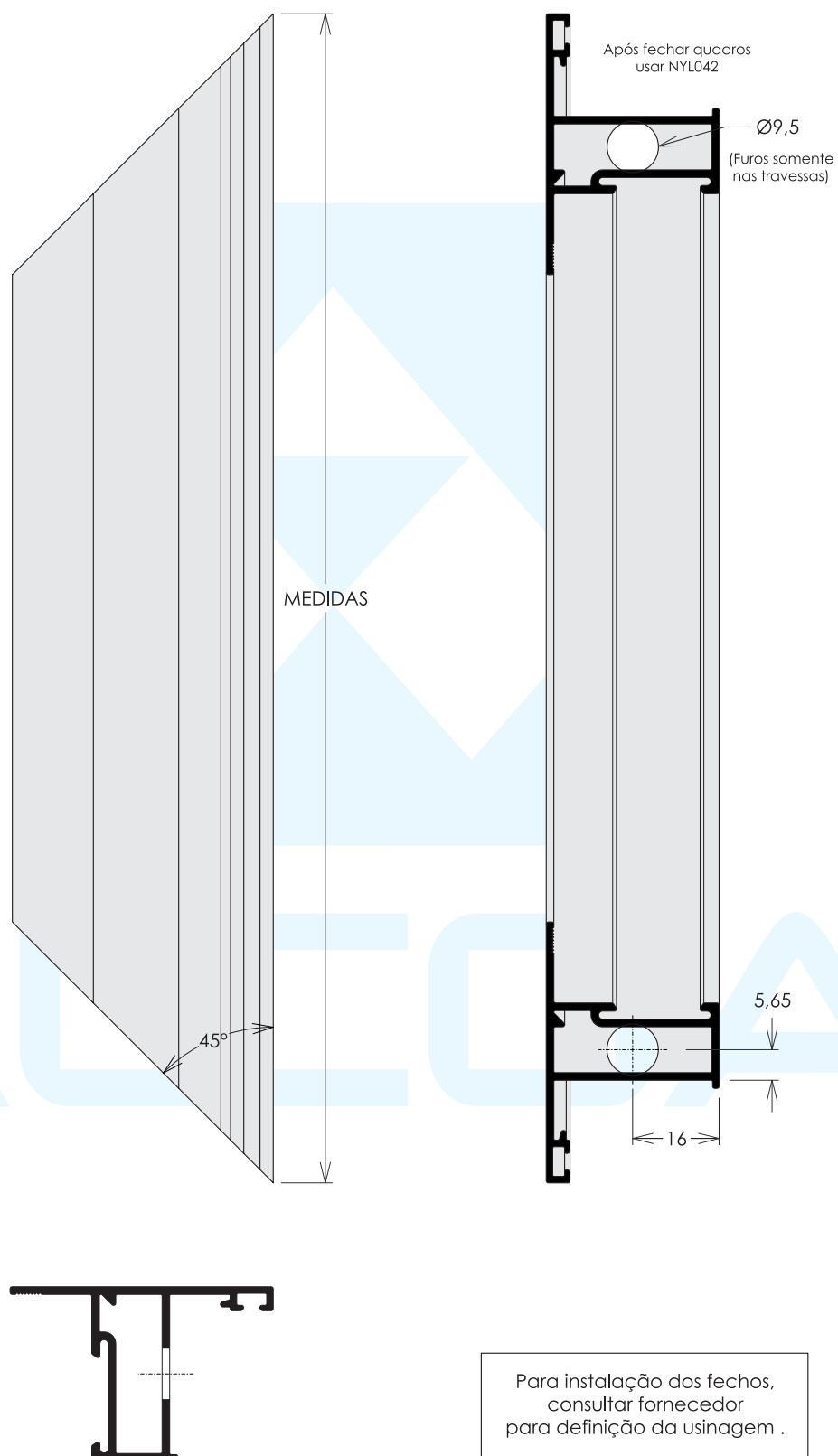
Recorte do inversor do marco

Usinar perfis:

LG077**LG079**

Nota:
Usinagem conforme e contrário

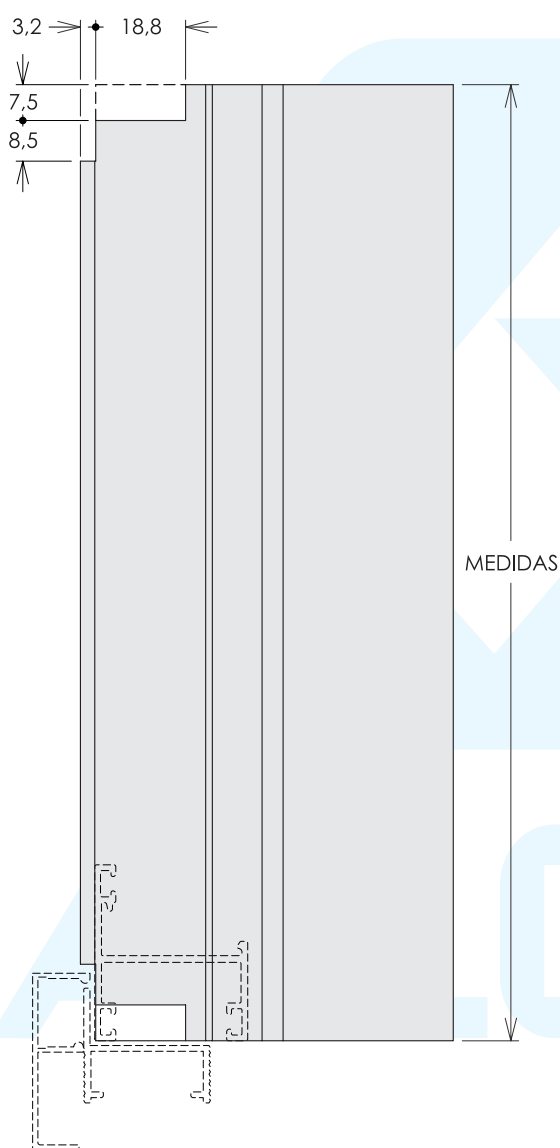
Quadro da folha Maxim-ar

Usinar perfil:
LG085

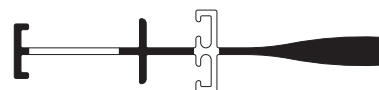
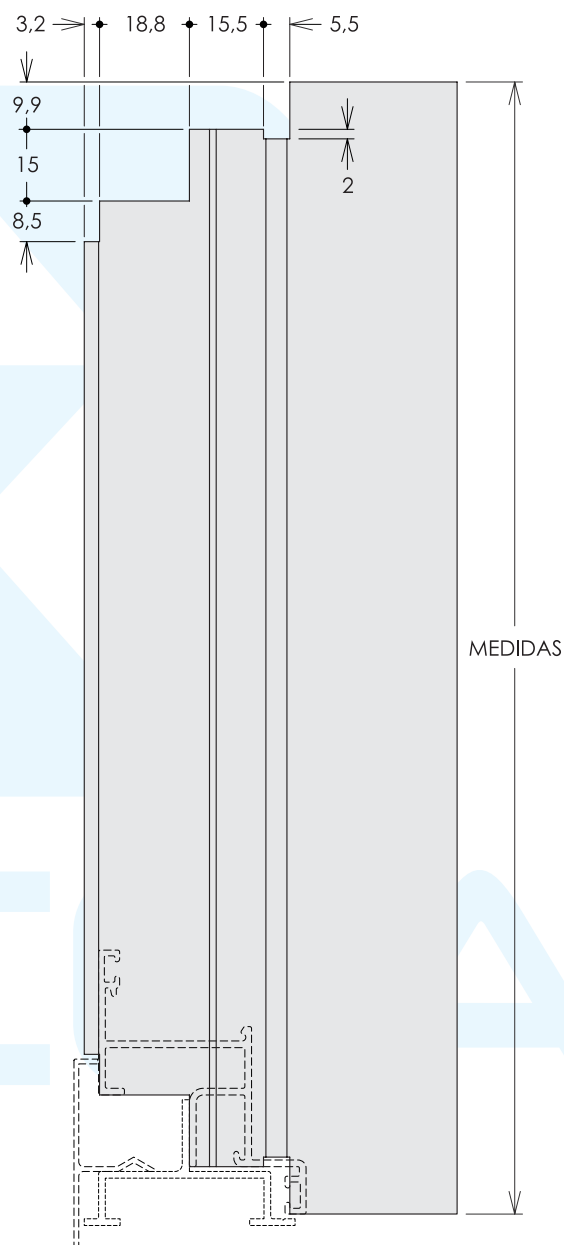
Recorte do reforço do marco

Usinar perfil:
LG093

Construção Cadeirinha



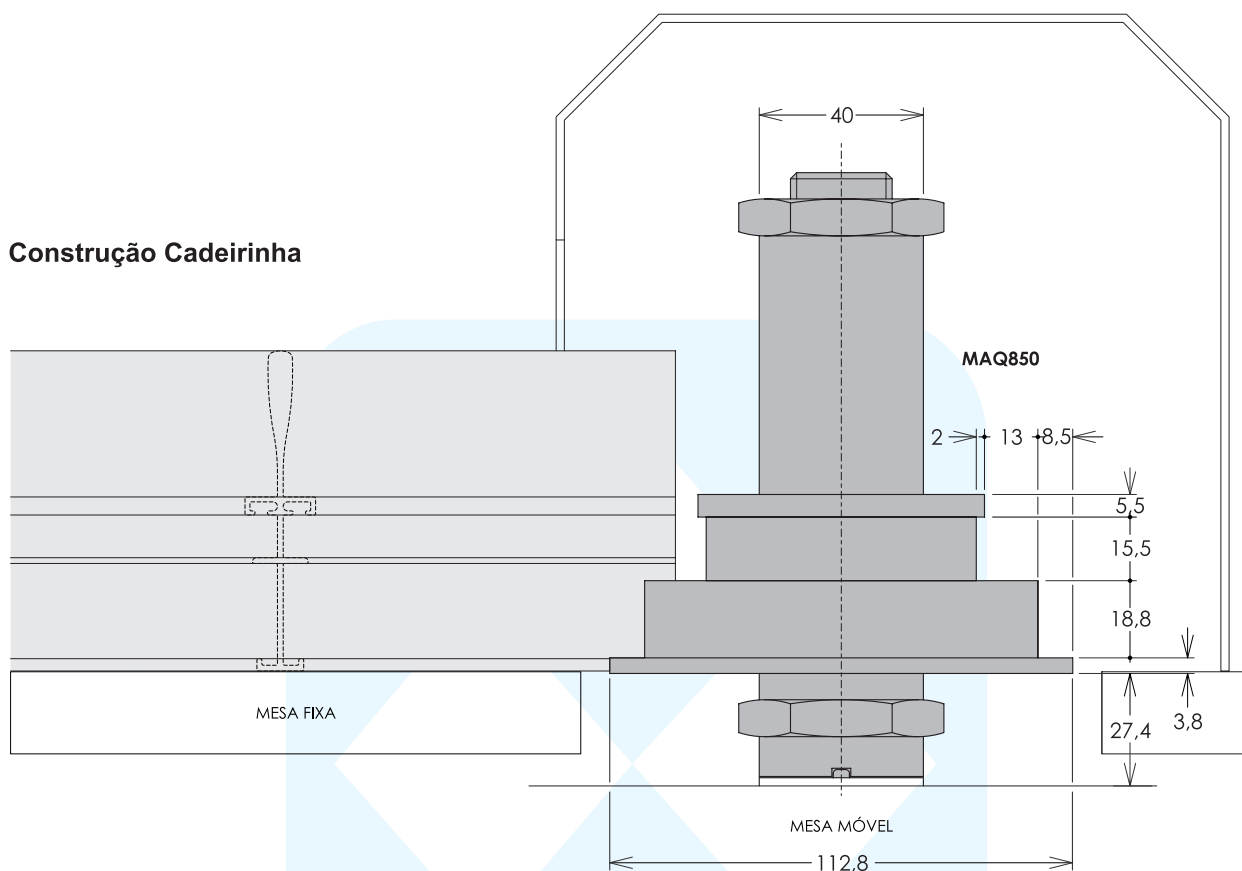
Construção Paulistinha



Detalhe de usinagem com Entestadeira

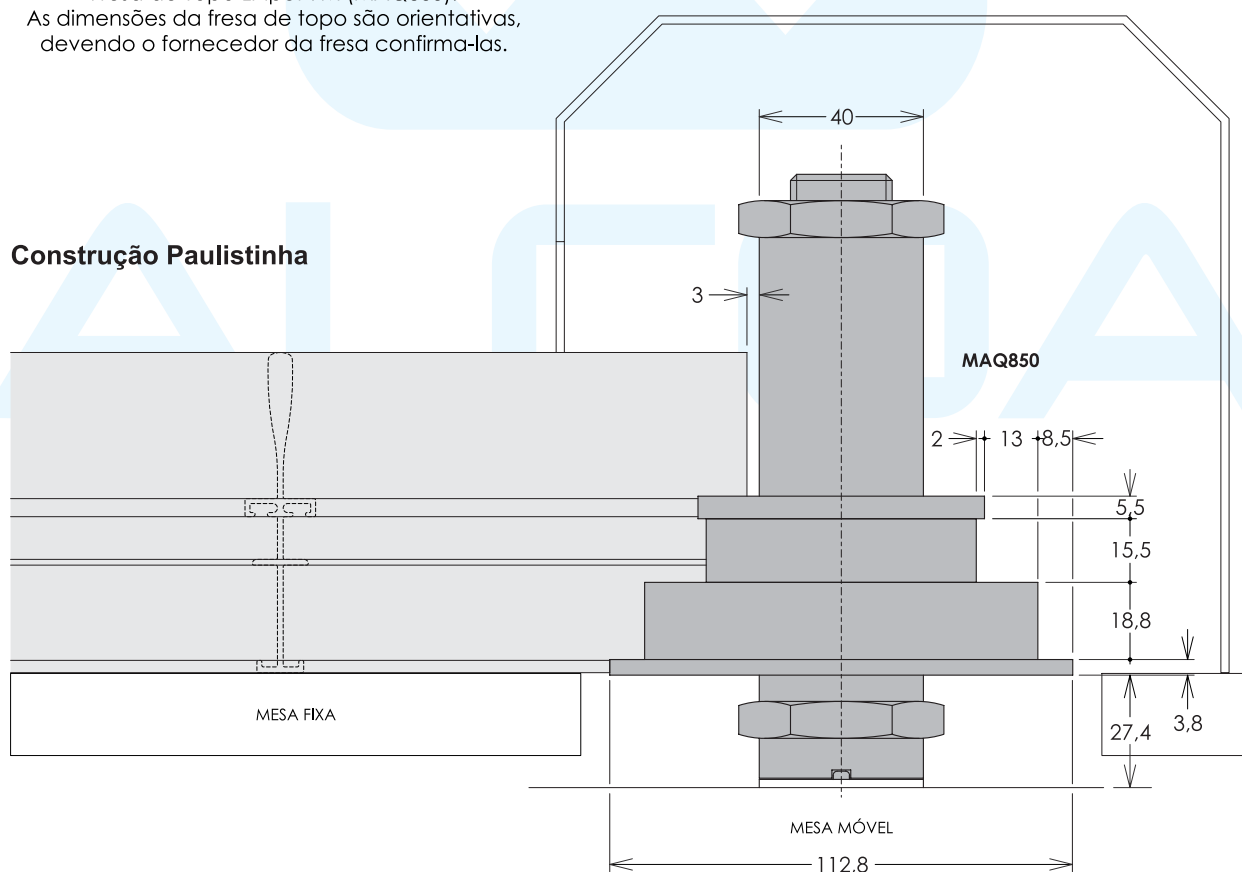
Usinar perfil:
LG093

Construção Cadeirinha

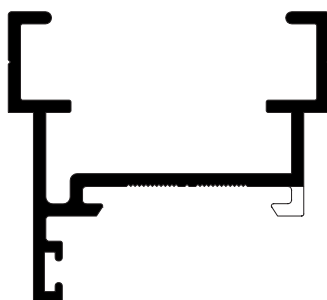
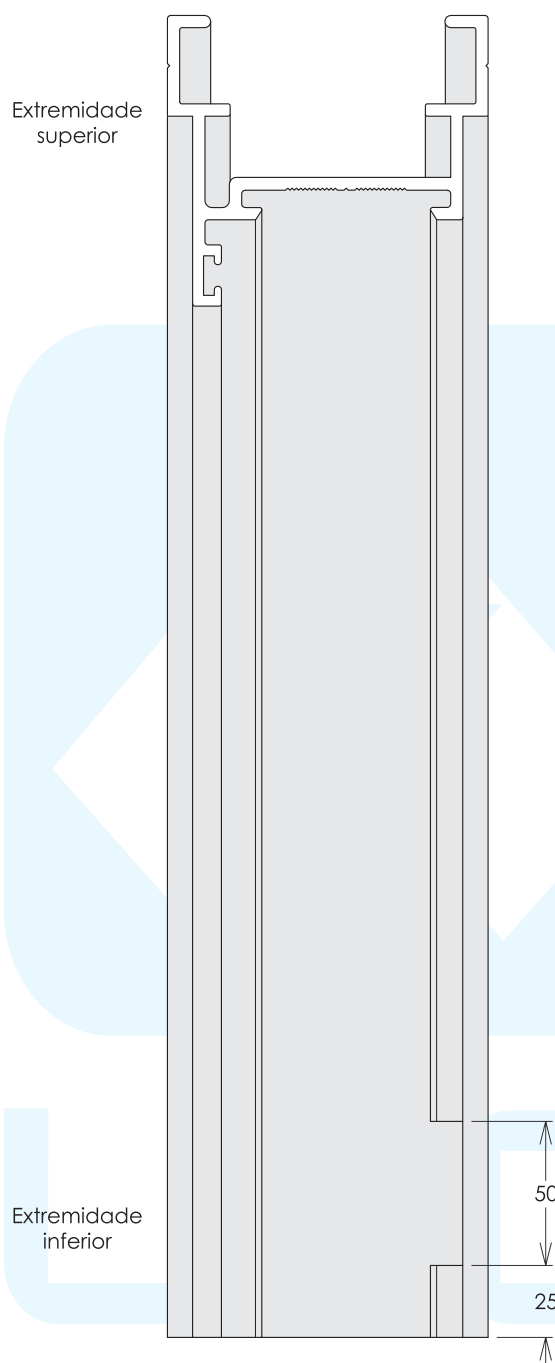


Fresa de Topo Lilliput 9M (MAQ835).
As dimensões da fresa de topo são orientativas,
devendo o fornecedor da fresa confirmá-las.

Construção Paulistinha

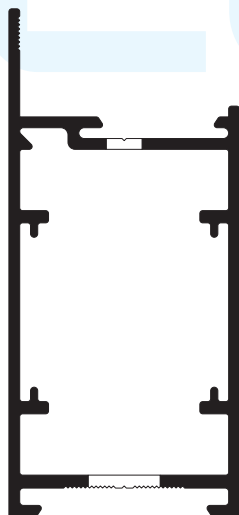
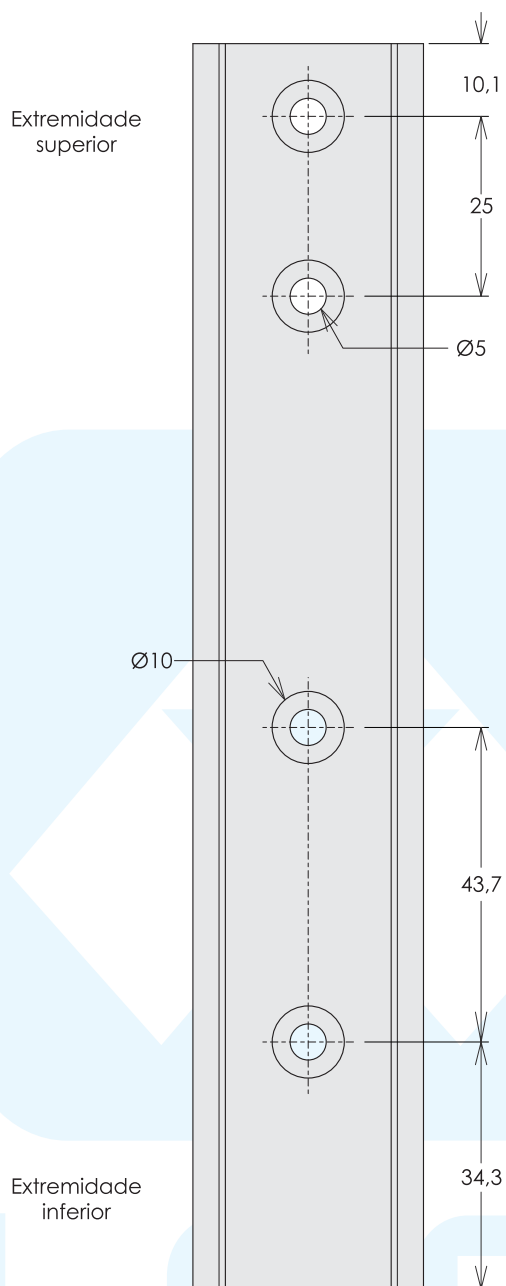


Recorte do marco - Porta de Giro

Usinar perfil:
LG056

Nota:
Usinagem conforme e contrário

Fixação dos montantes

Usinar perfil:
LG043

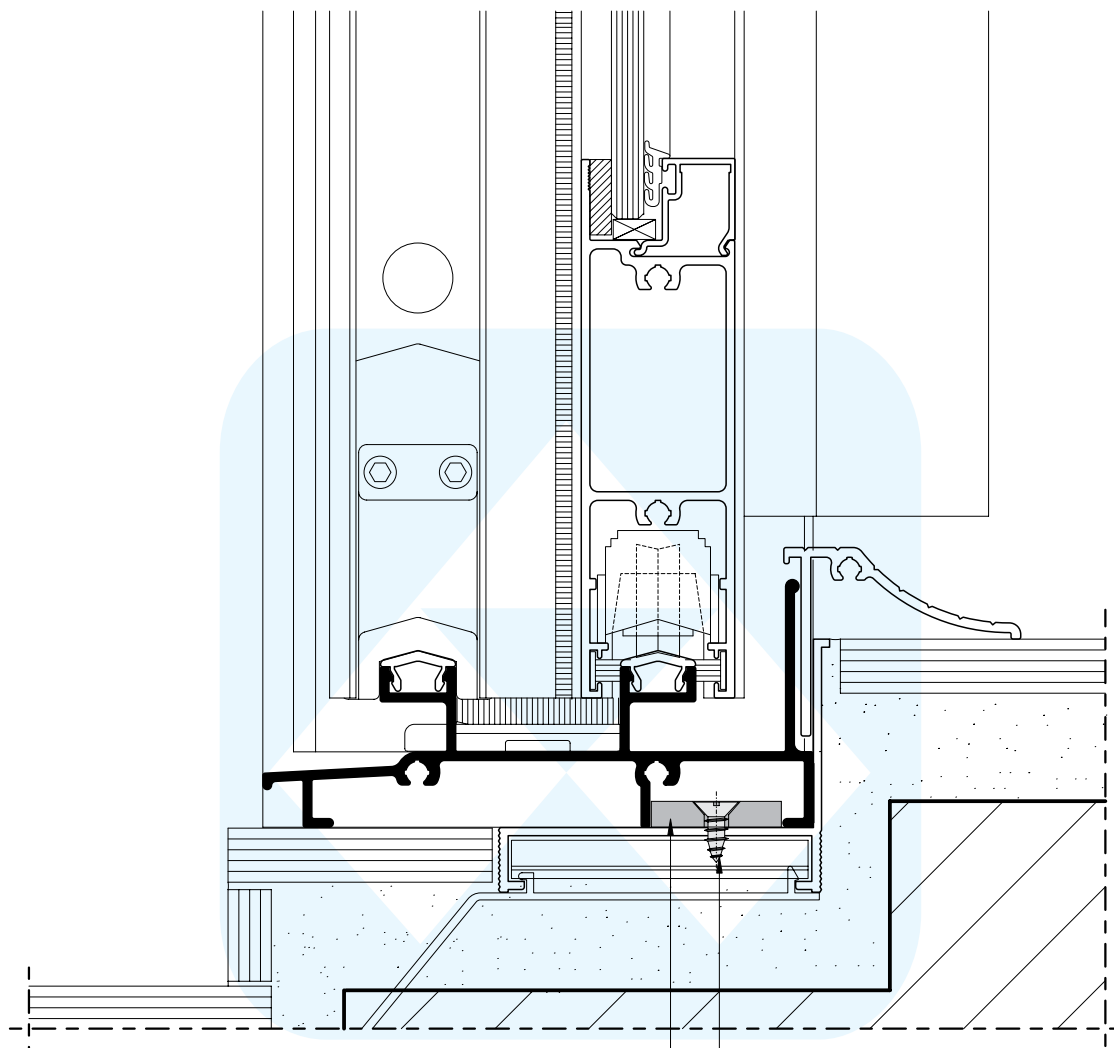
Nota:
Usinagem conforme e contrário

Descrição	Página
Alternativas construtivas - Guarnições para vidro	48
Detalhe de aplicação de calços para evitar a deflexão do trilho da porta de correr-Trilho Gold LG159	47
Kit para Janela de abrir e tombar - 1 folha KITLG001 e KITLG002	50
Instruções de posicionamento dos calços do vidro - Orientação de montagem dos painéis de persiana	49



ALCOA

Detalhe de aplicação de calços para evitar a deflexão do trilho da porta de correr.

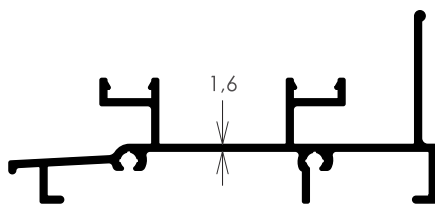


Calços em barra chata, perfil BC180 (24mm x 3,5mm), com 40mm.

Parafuso AA 4,2mm x 16mm CX - aço inox.

ATENÇÃO! Fixar os calços aplicando silicone na parte inferior.

Trilho Gold LG159



Módulo 2000 x 2000mm

Pressão de ensaio = 150 kg/m²

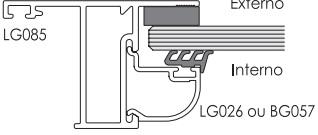
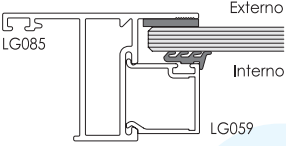
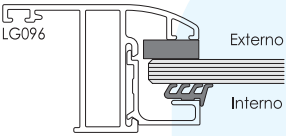
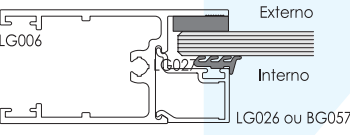
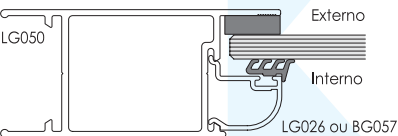
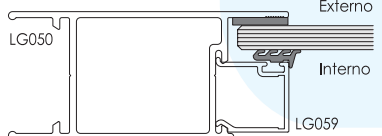
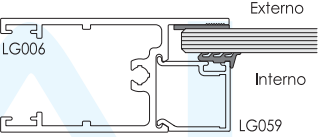
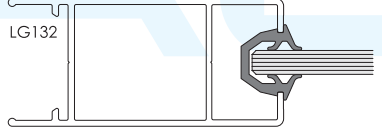
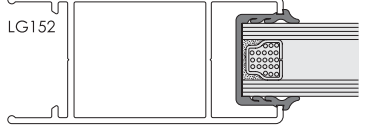
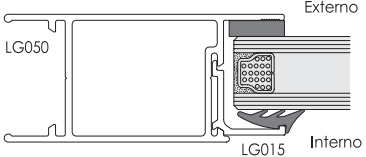
Pressão de sucção = 120 kg/m²

Parafuso diâmetro = 4,8mm aço inox

Exemplo de fixação do trilho



Alternativas construtivas - Guarnições para vidro

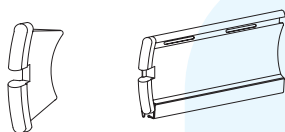
Detalhes	Espessura do vidro	Guarnição Interna	Guarnição Externa
	6	GUA-256	GUA-304
	8	GUA-259	GUA-304
	10	GUA-259	GUA-306
	4	GUA-259	GUA-304
	6	GUA-259	GUA-306
	6	GUA-256	GUA-306
	8	GUA-259	GUA-304
	10	GUA-259	GUA-306
	6	GUA-256	GUA-306
	8	GUA-259	GUA-306
	10	GUA-259	GUA-305
	6	GUA-256	GUA-304
	8	GUA-259	GUA-304
	10	GUA-259	GUA-306
	4	GUA-259	GUA-304
	6	GUA-259	GUA-306
	4	GUA-259	GUA-306
	6	GUA-259	GUA-305
	3	GUA-385	- X -
	4	GUA-385	- X -
	5	GUA-386	- X -
	6	GUA-386	- X -
	17	GUA-398	- X -
	20	GUA-____	- X -
	17	GUA-303	GUA-304
	20	GUA-303	GUA-306

Orientação de montagem dos painéis de Persiana

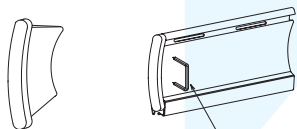
Devido ao retorno da mola, utilizar venezianas cegas na parte superior, na proporção de 20% do total das lâminas

(*) Tampas das Persianas

Para persiana nacional:
NYL375

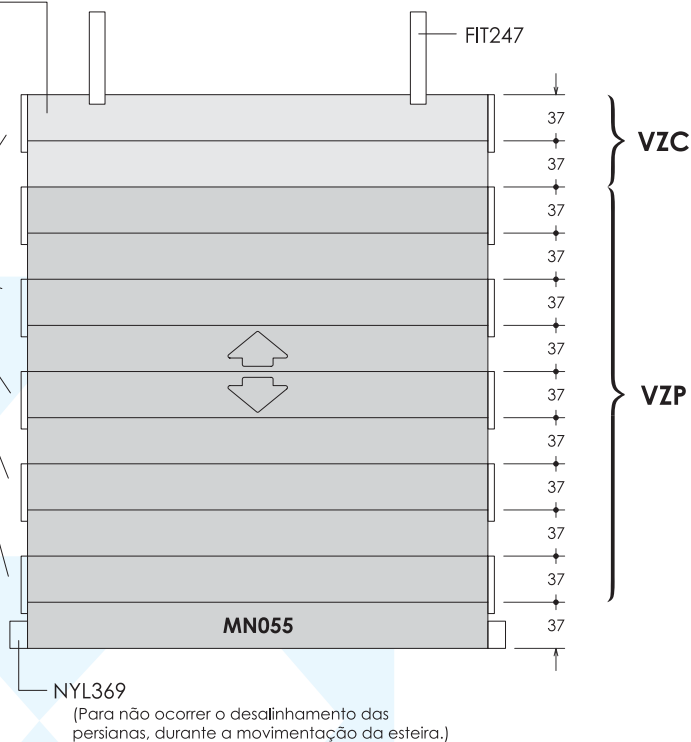


Para persiana importada:
NYL447

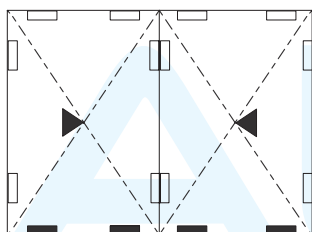


Grampo de aço inox
(não fornecido pela Alcoa)

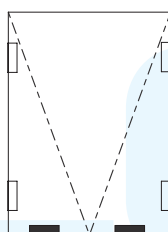
(*)

**Instrução de posicionamento dos calços do vidro**

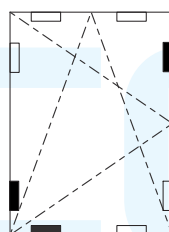
Janela de Correr



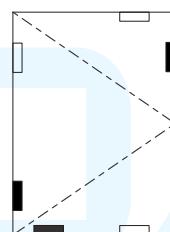
Maxim ar



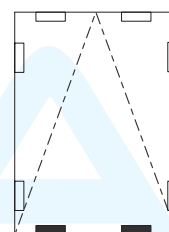
Abre e Tomba



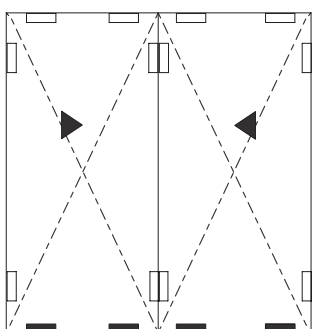
Giro



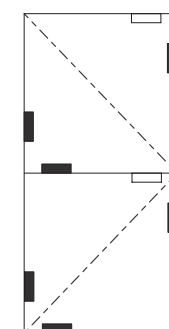
Tombar



Porta de Correr



Porta de Giro



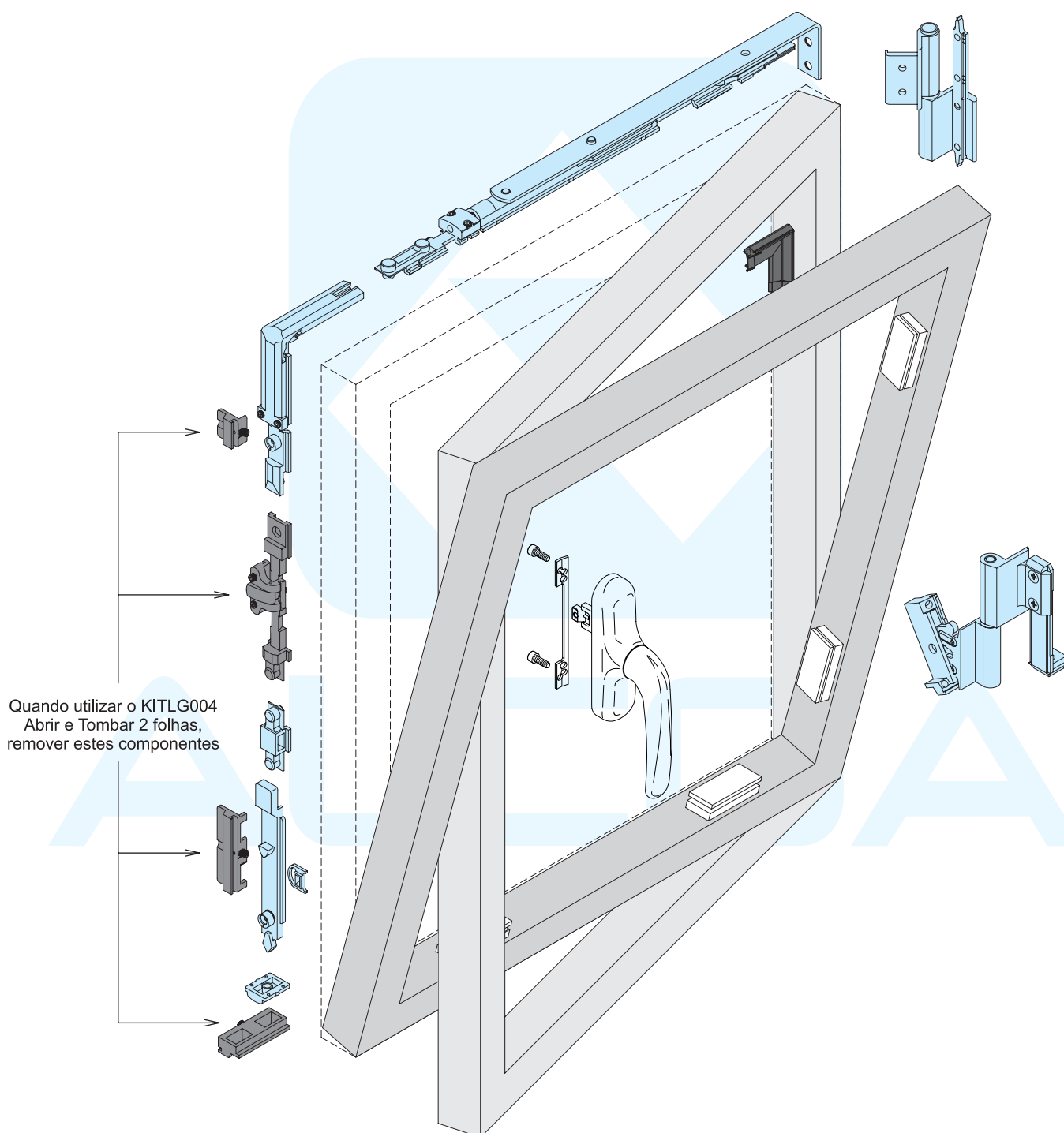
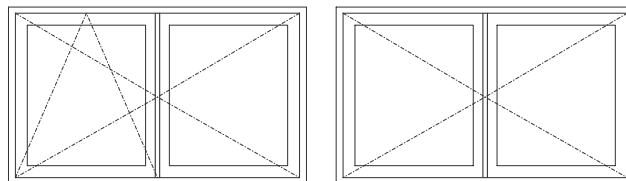
Calço periférico
Calço de apoio

KITLG001 e KITLG002

Kit para Janela de Abrir e Tombar - 1 folha

KITLG001 Larg. da Folha	KITLG002 Larg. da Folha	Altura do Marco
Min: 550 Max: 900	Min: 901 Max: 1000	Max: 1200

Peso máximo: 50kg/folha



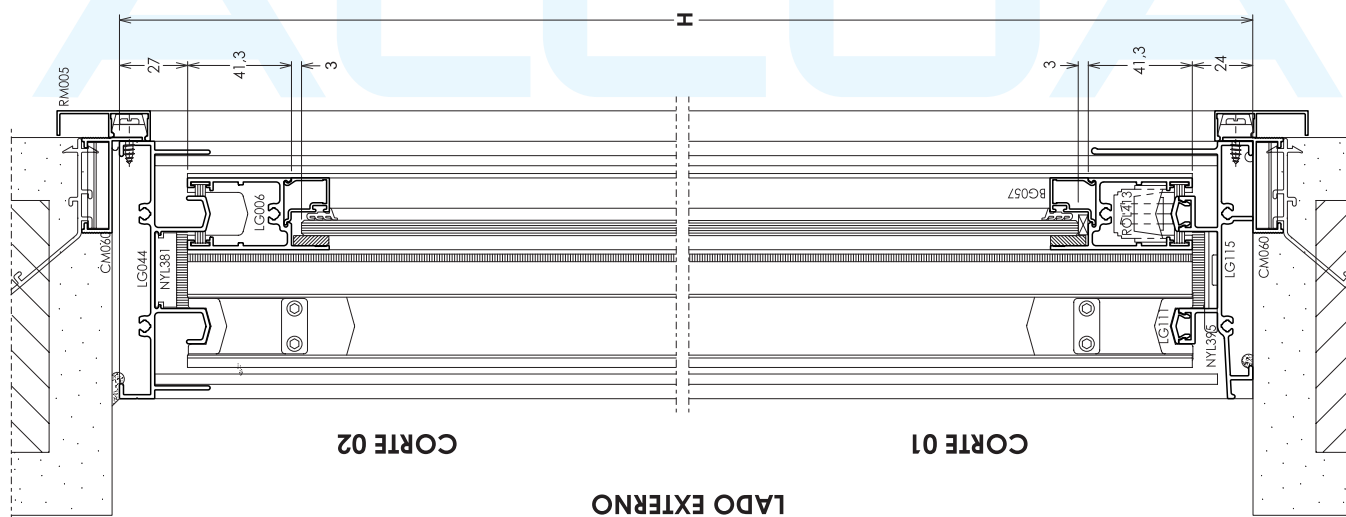
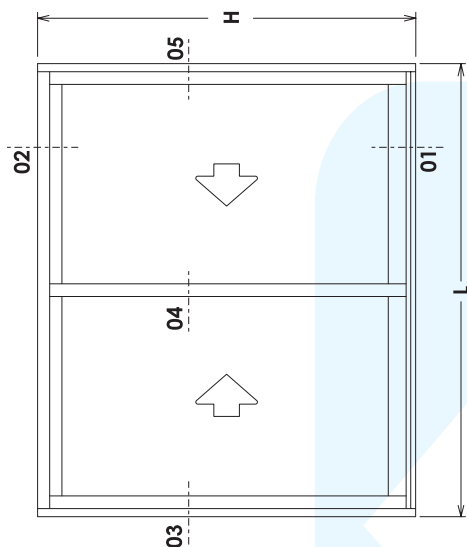
Quando utilizar o KITLG004
Abrir e Tombar 2 folhas,
remover estes componentes

Atenção! Em ambientes salinos, com alto índice de umidade,
a Alcoa não recomenda a utilização dos componentes especificados

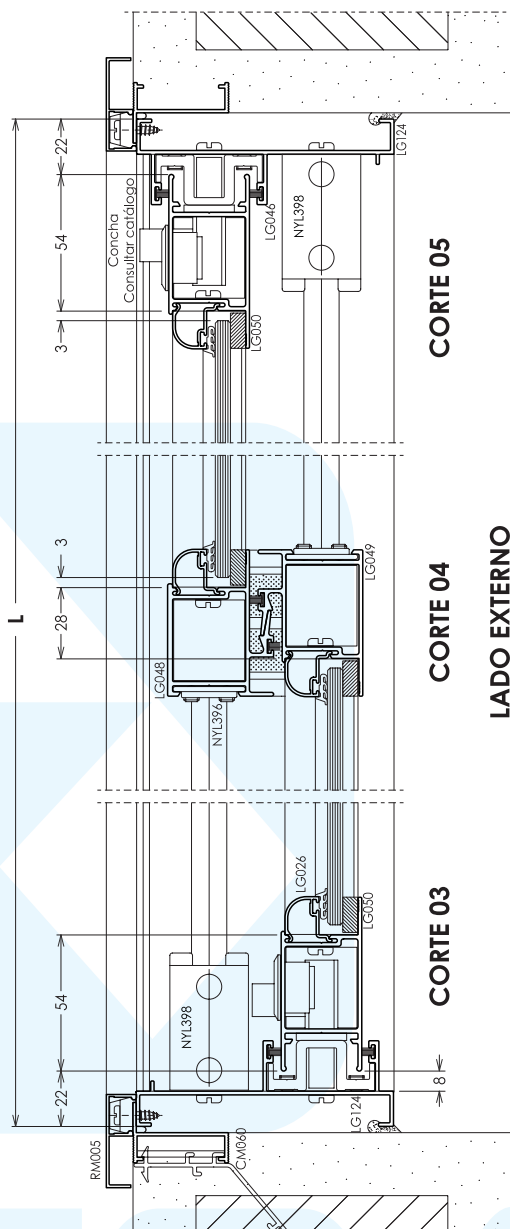
Descrição	Página
Janela de abrir e tombar 1 folha	66
Janela de abrir e tombar 1 folha, com peitoril fixo	67
Janela de abrir e tombar 2 folhas	68
Janela de correr 2 folhas	52
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Porta de giro 2 folhas	61

ALCOA

ELEVAÇÃO VISTA EXTERNA



LADO EXTERNO



CORTE 05

CORTE 04

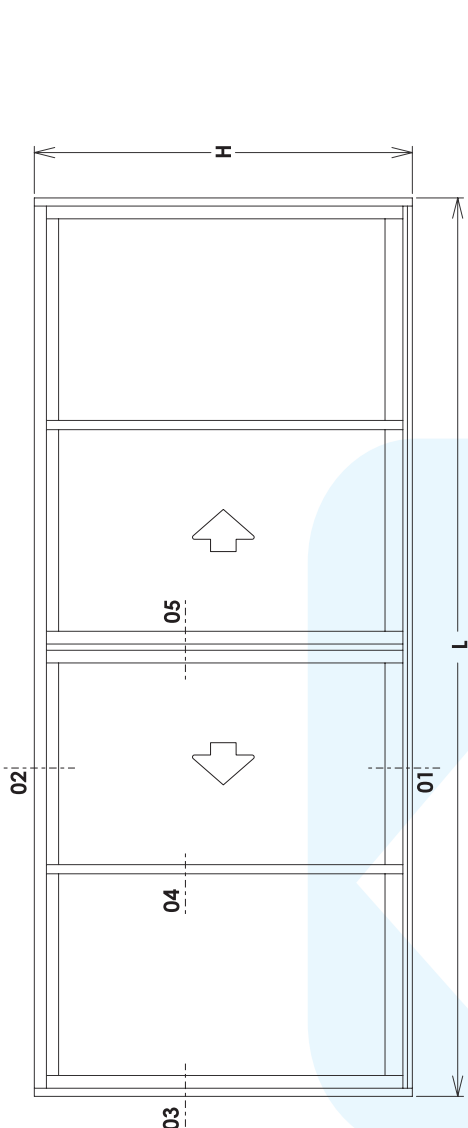
CORTE 03

LADO EXTERNO

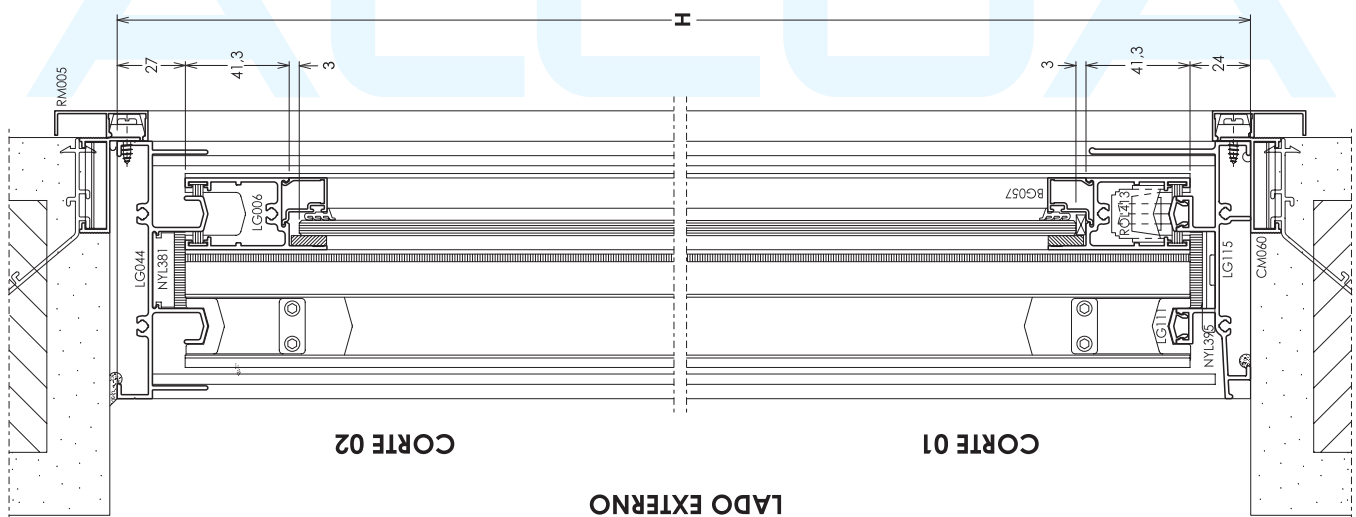
1. - Aplicar silicone nas junções dos marcos.
2. - Componentes: consultar Catálogo Técnico

Janela de Correr 2 folhas

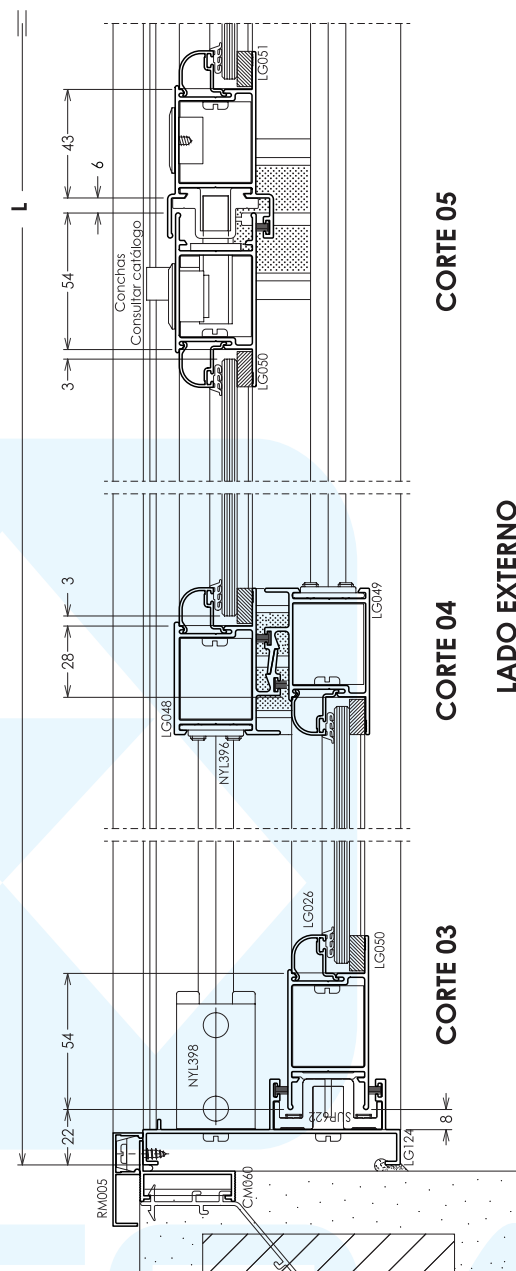
ELEVÇÃO VISTA EXTERNA



LADO EXTERNO



CORTE 02



CORTE 03

CORTE 04

CORTE 05

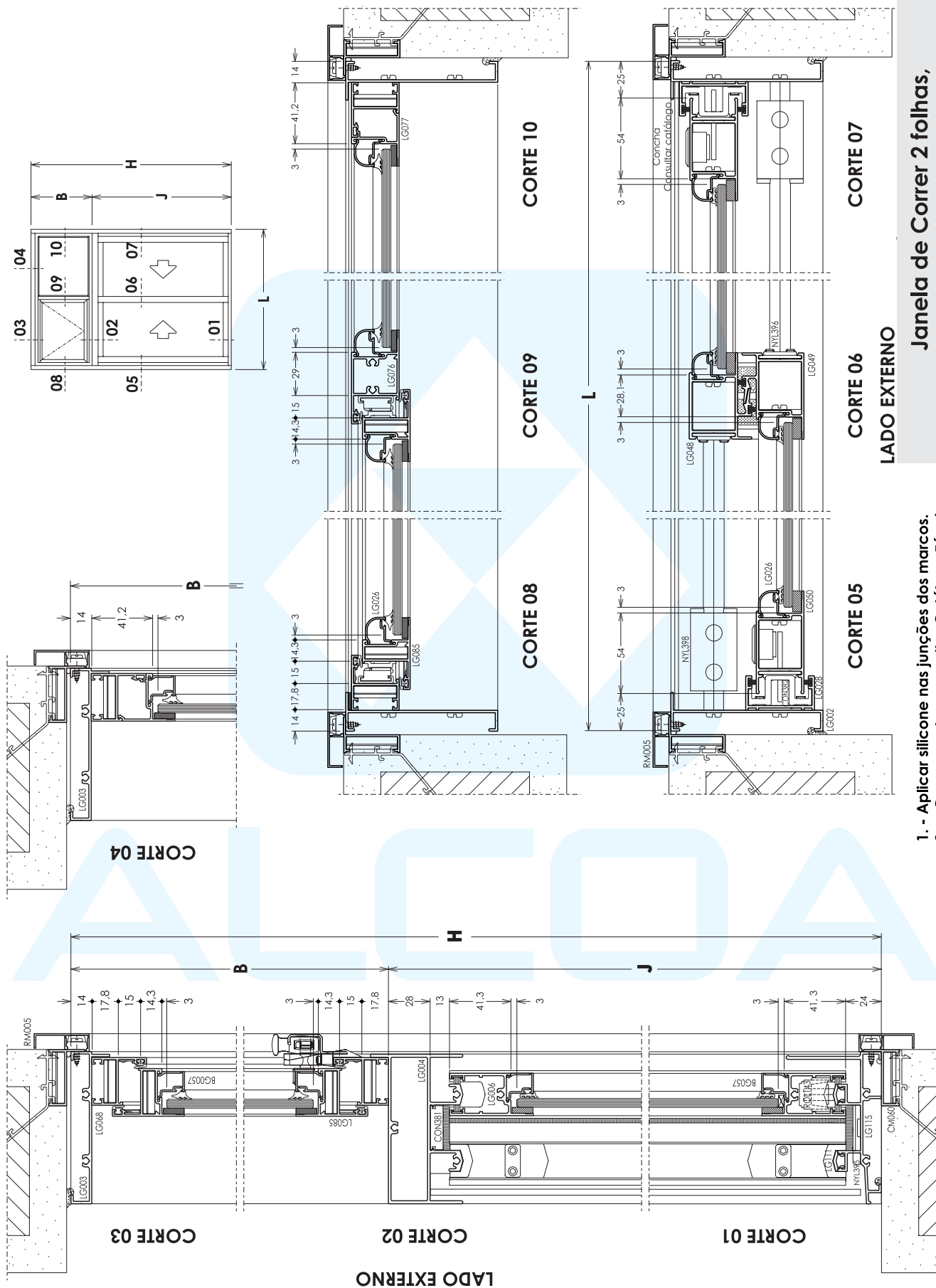
LADO EXTERNO

1. - Aplicar silicone nas junções dos marcos.
2. - Componentes: consultar Catálogo Técnico

Janela de Correr 4 folhas

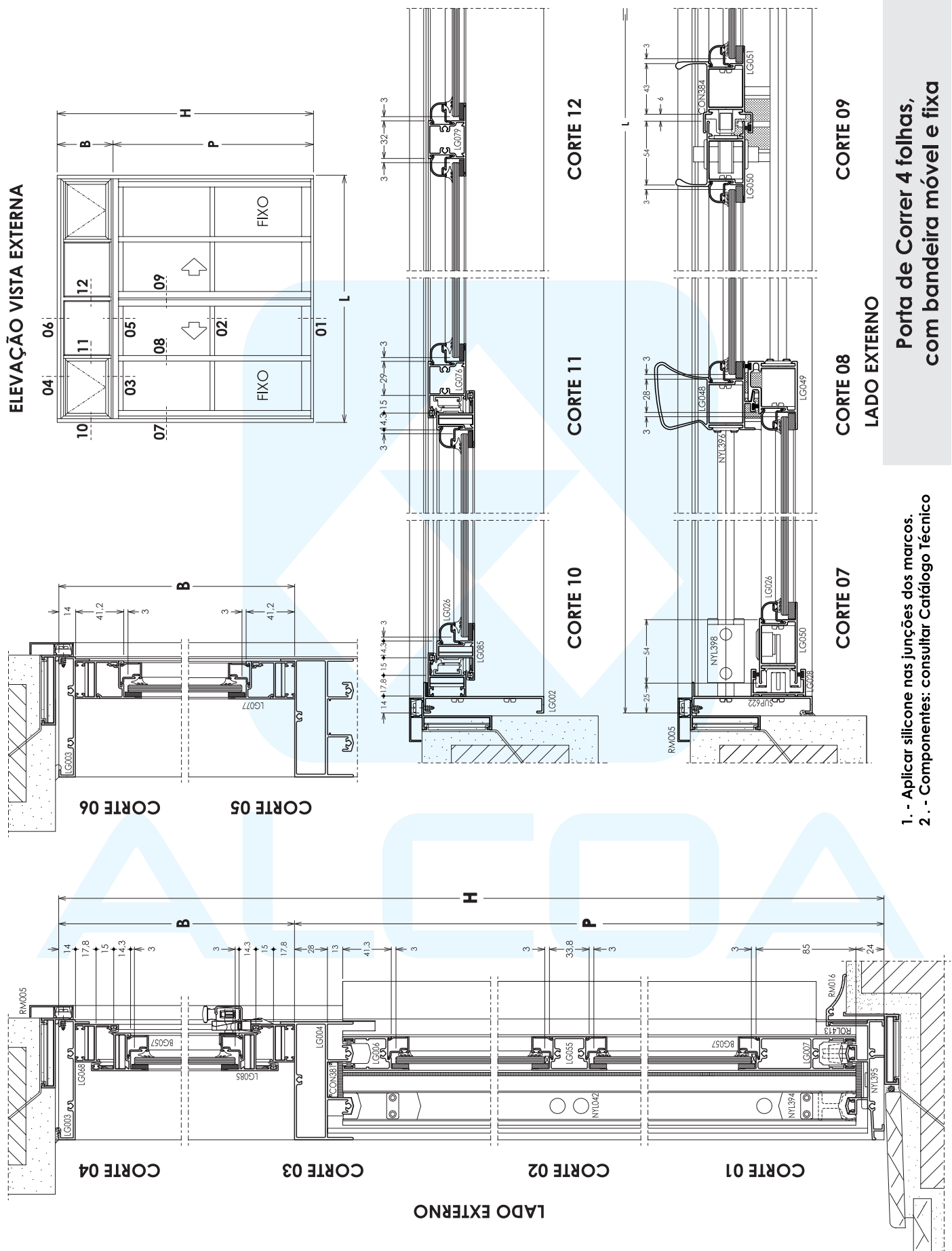
Projetos, perfis, componentes, códigos e sistemas estão sujeitos a alteração sem prévio aviso.

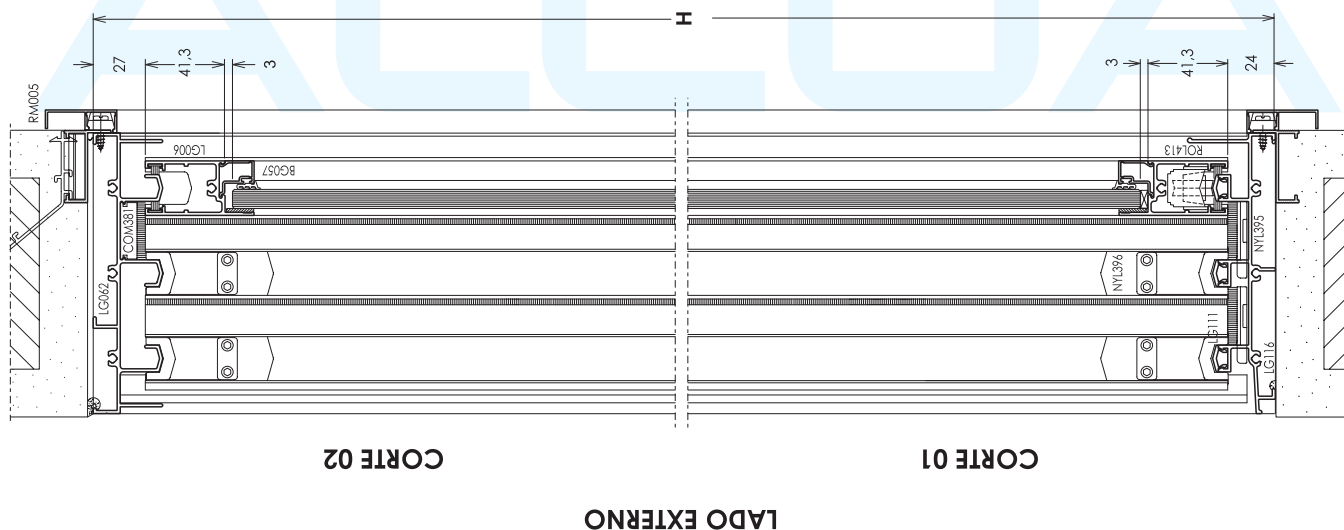
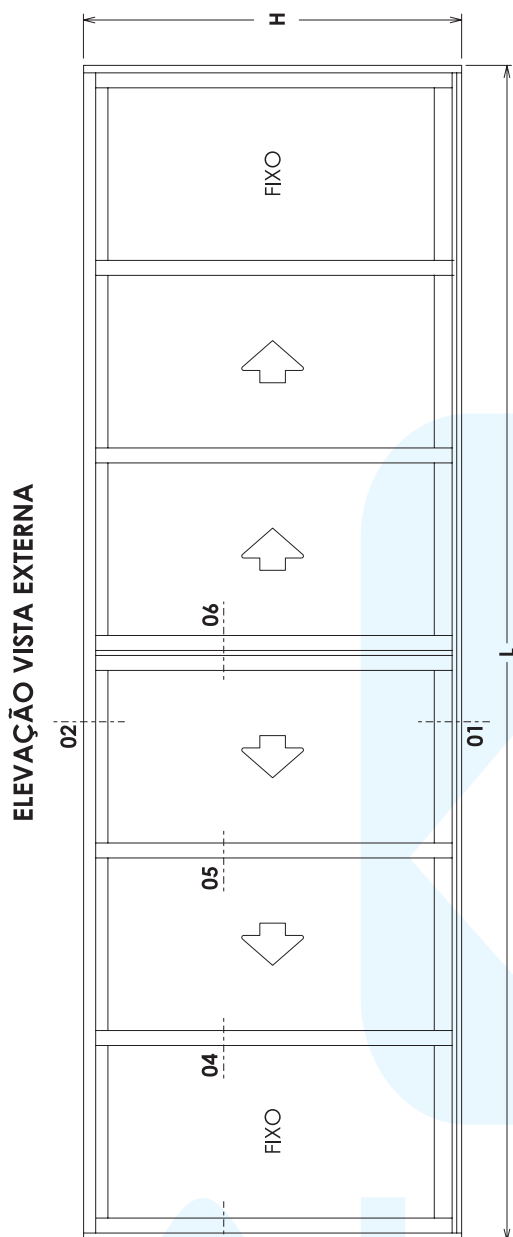
ELEVAÇÃO VISTA EXTERNA



1. - Aplicar silicone nas junções dos marcos.
2. - Componentes: consultar Catálogo Técnico

**Janela de Correr 2 folhas,
com bandeira móvel e fixa**





CORTE 06

CORTE 05

CORTE 04

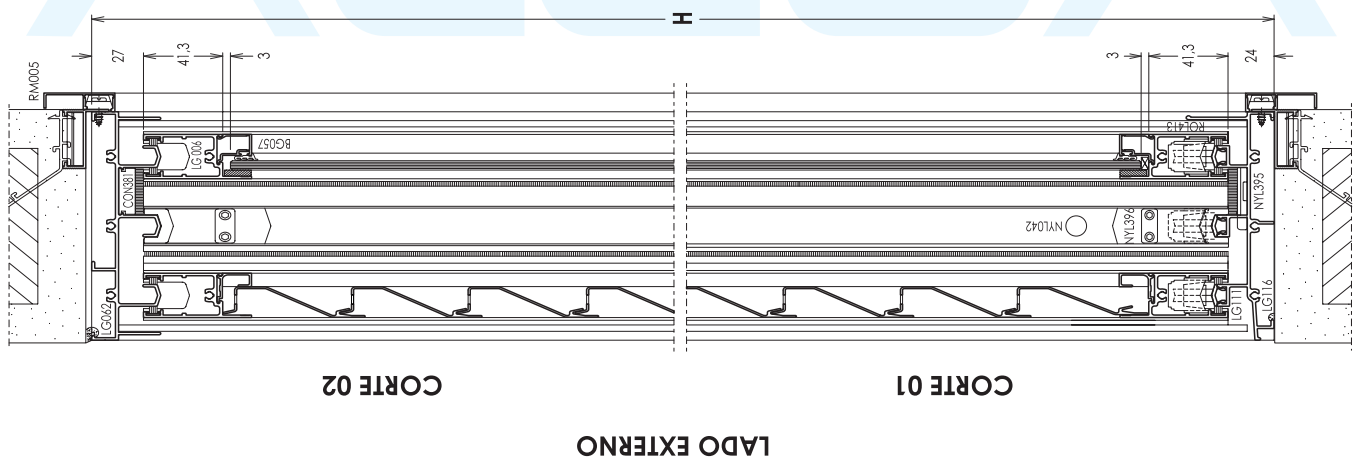
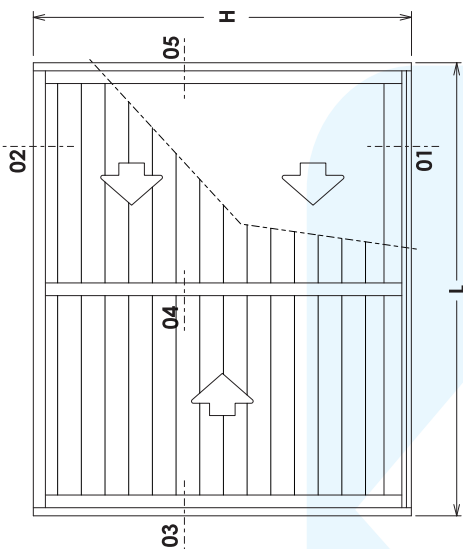
CORTE 03

LADO EXTERNO

Janela de Correr 6 folhas

1. - Aplicar silicone nas junções dos marcos.
2. - Componentes: consultar Catálogo Técnico

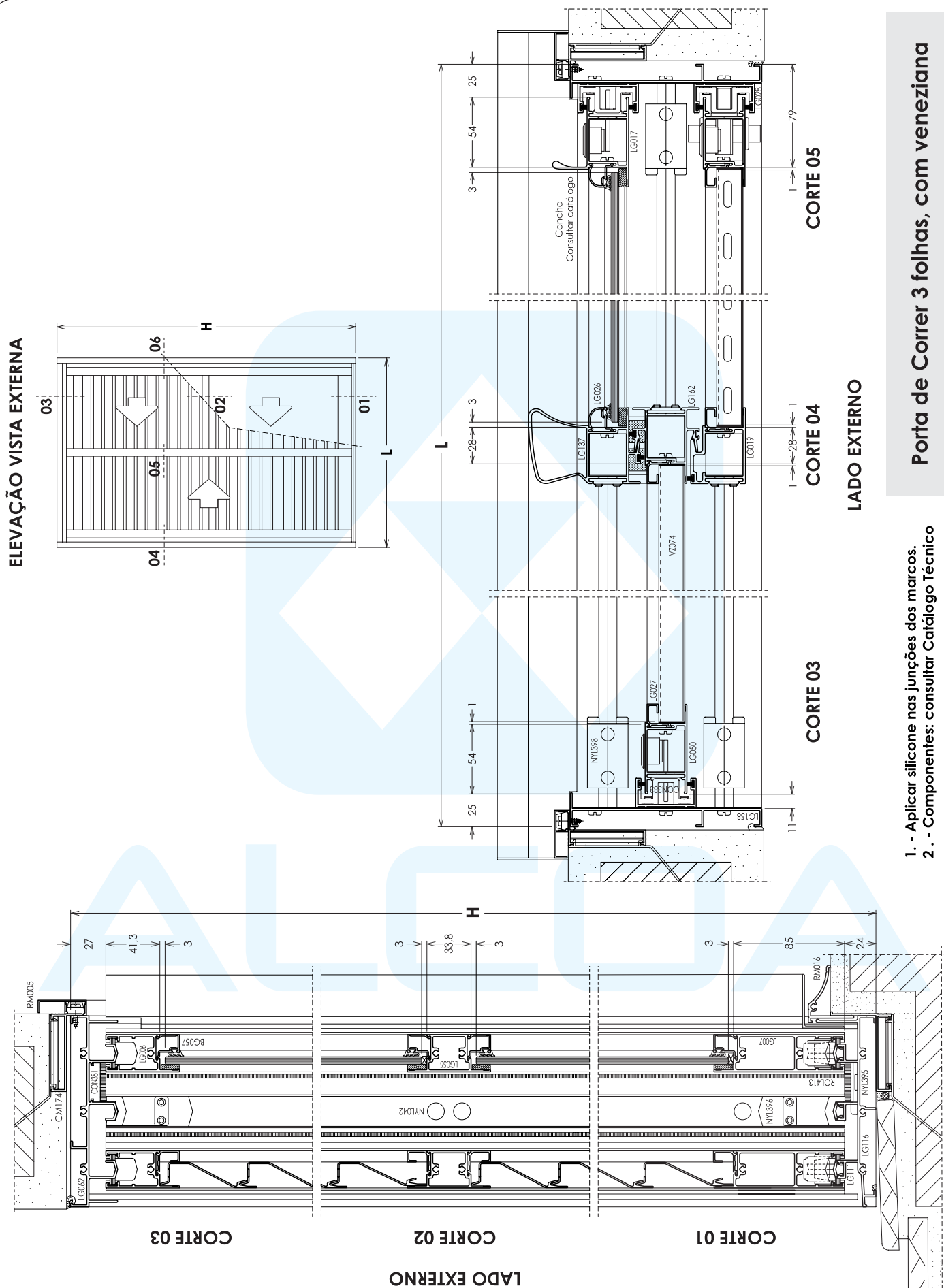
ELEVÇÃO VISTA EXTERNA

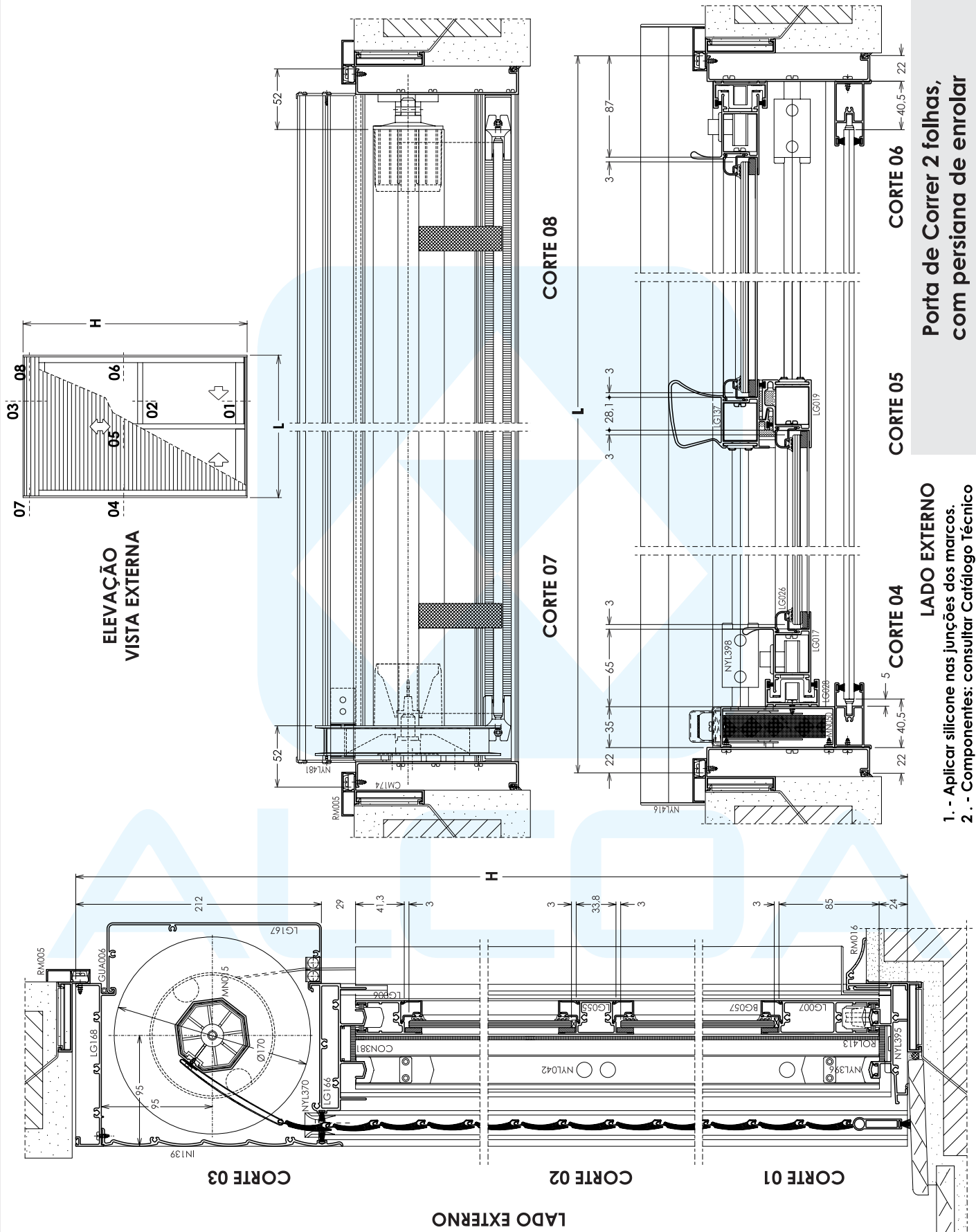


LADO EXTERNO

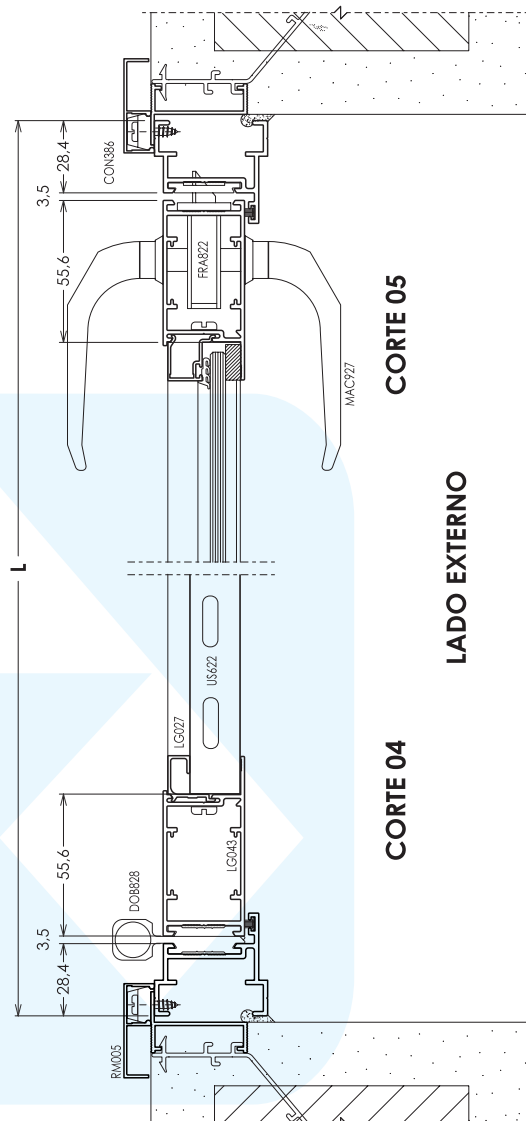
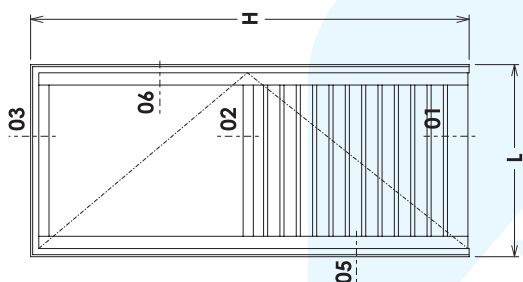
Janela de Correr 3 folhas, com veneziana

1. - Aplicar silicone nas junções dos marcos.
2. - Componentes: consultar Catálogo Técnico





ELEVÇÃO VISTA EXTERNA



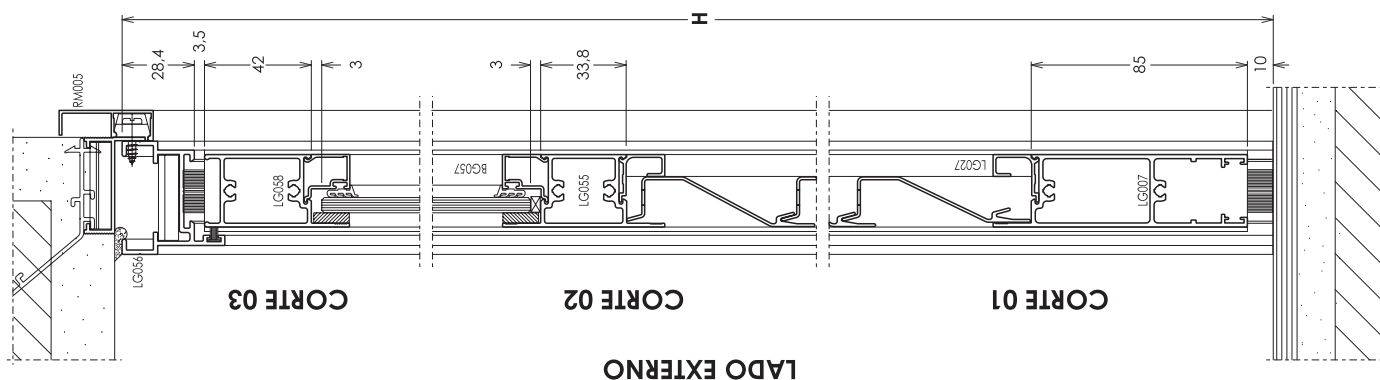
CORTE 05

LADO EXTERNO

CORTE 04

Porta de Giro 1 folha,
com veneziana e vidro

1. - Aplicar silicone nas junções dos marcos.
2. - Componentes: consultar Catálogo Técnico



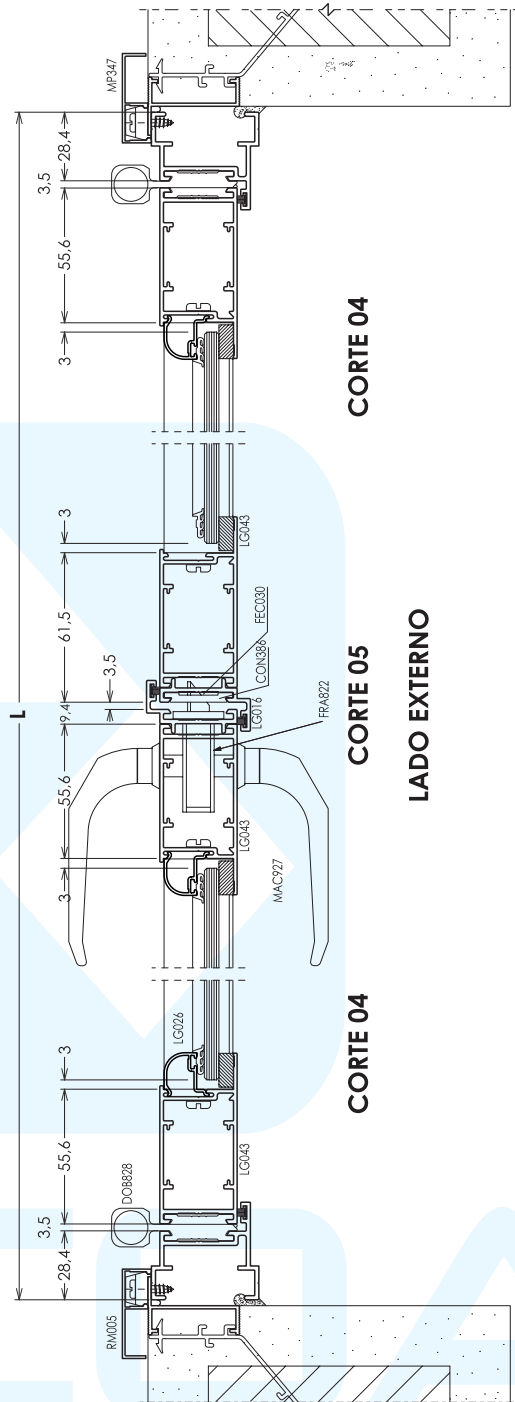
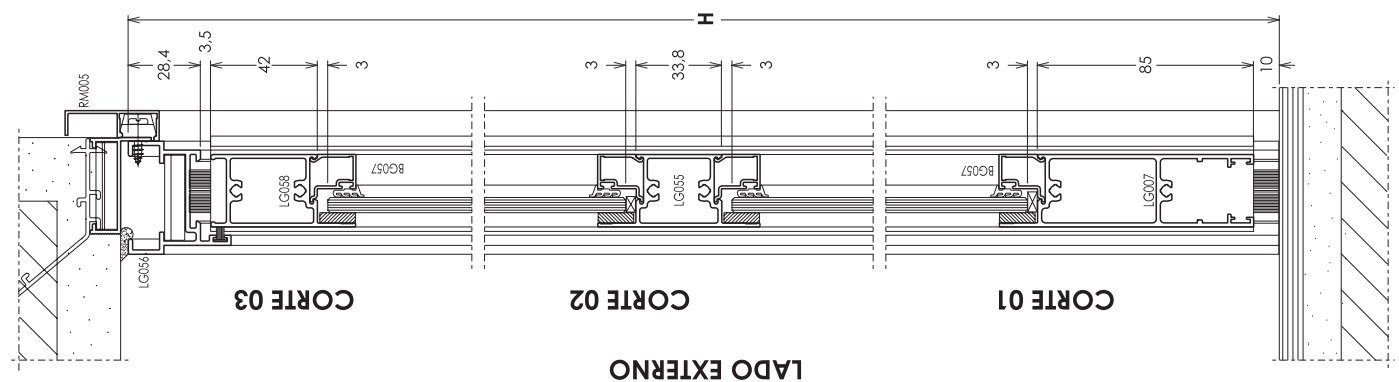
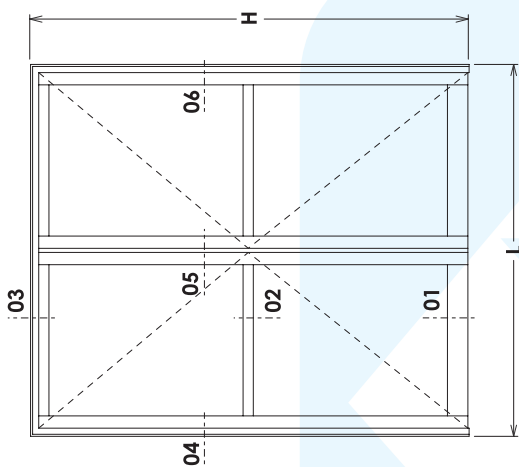
CORTE 03

CORTE 02

CORTE 01

LADO EXTERNO

ELEVÇÃO VISTA EXTERNA



CORTE 04

CORTE 05

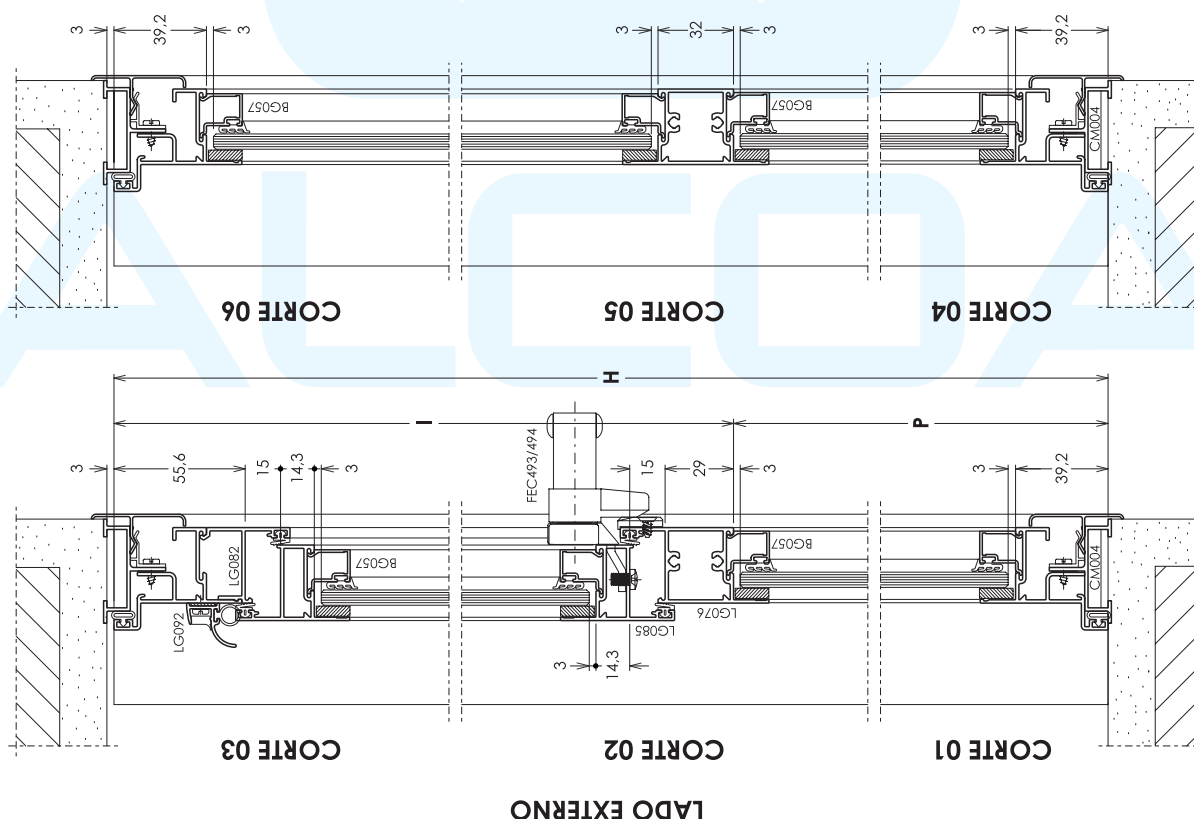
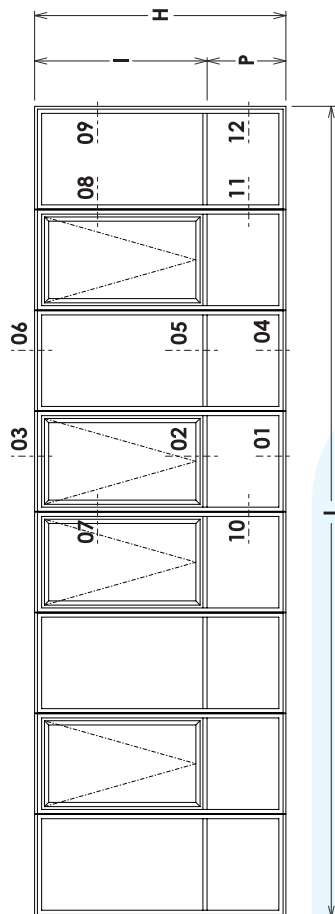
CORTE 04

LADO EXTERNO

Porta de Giro 2 folhas

1. - Aplicar silicone nas junções dos marcos.
2. - Componentes: consultar Catálogo Técnico

ELEVÇÃO VISTA EXTERNA



CORTE 09

CORTE 08

CORTE 07

CORTE 12

CORTE 11

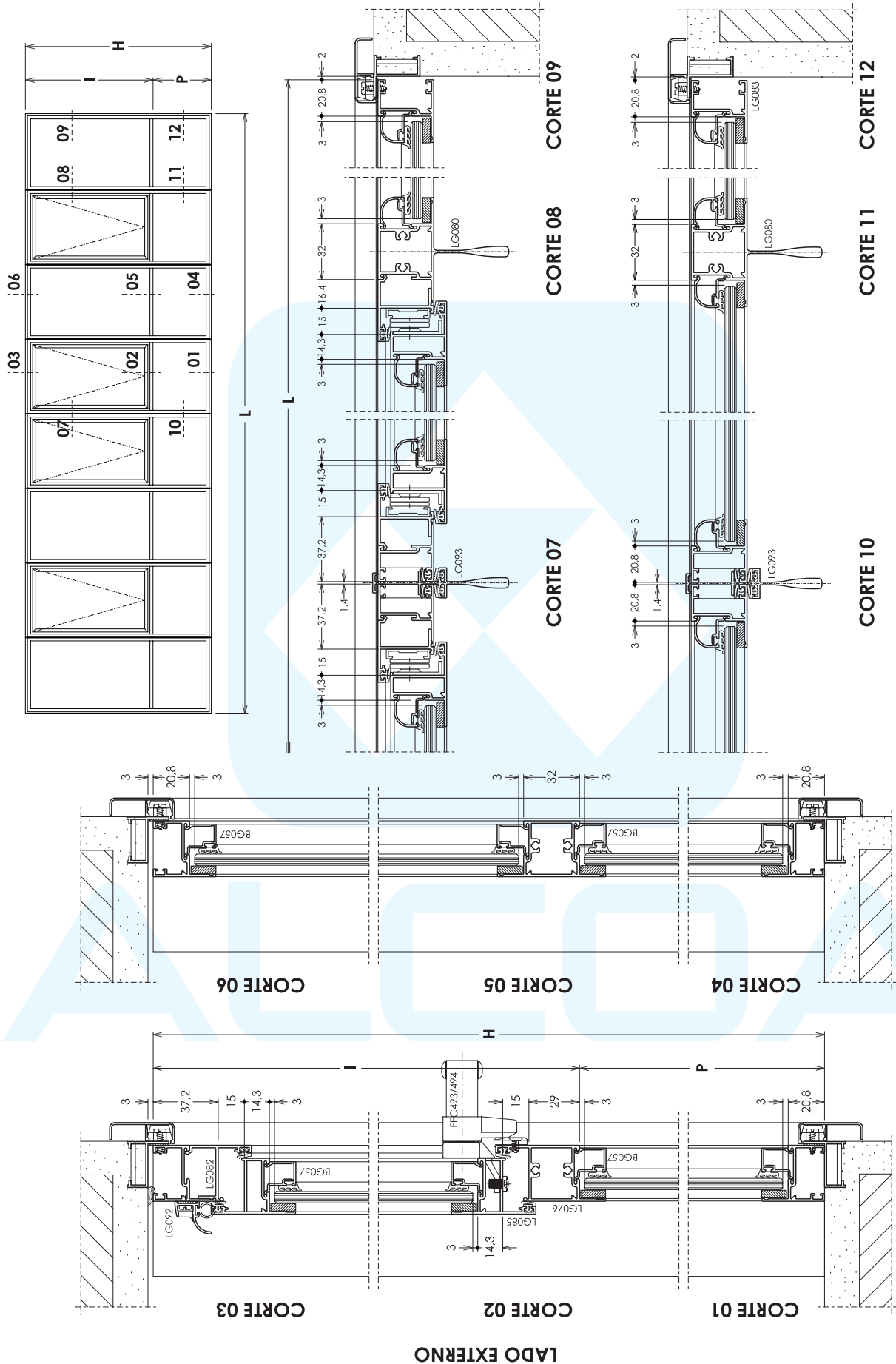
CORTE 10

LADO EXTERNO

Janela Maxim-ar, com peitoril e painel fixos
Contramarco convencional

1. - Aplicar silicone nas junções dos marcos.
2. - Componentes: consultar Catálogo Técnico

ELEVAÇÃO VISTA EXTERNA

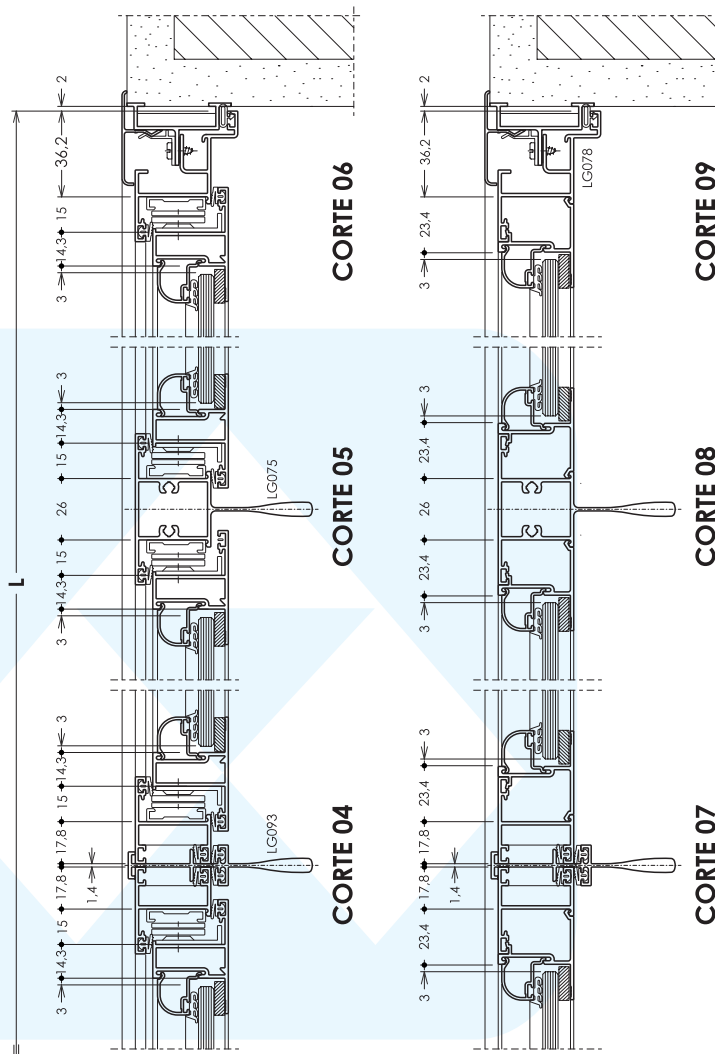
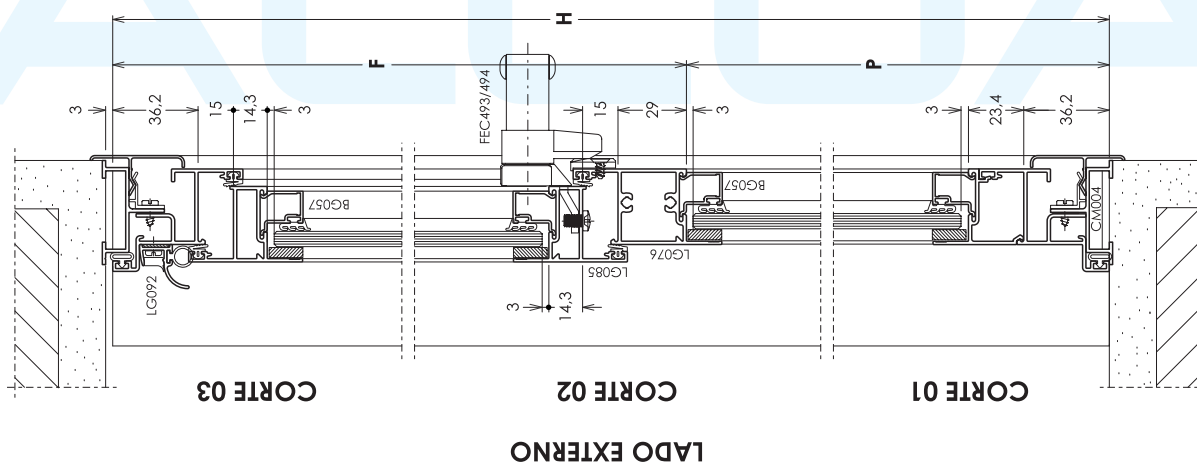
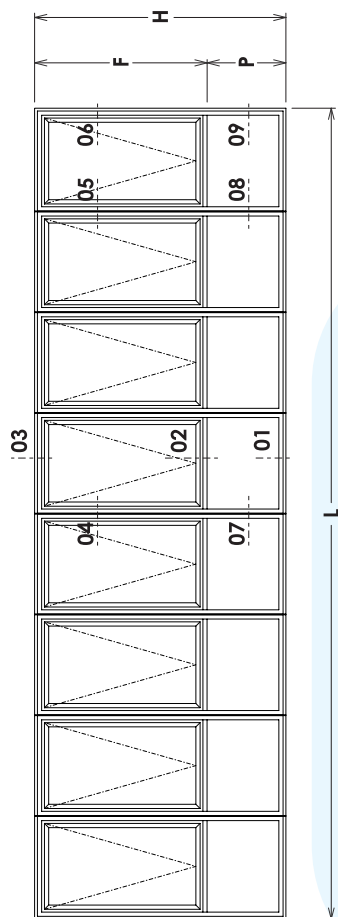


LADO EXTERNO

**Janela Maxim-ar, com peitoril e painel fixos
Contramarco cadeirinha**

1. - Aplicar silicone nas junções dos marcos.
2. - Componentes: consultar Catálogo Técnico

ELEVAÇÃO VISTA EXTERNA

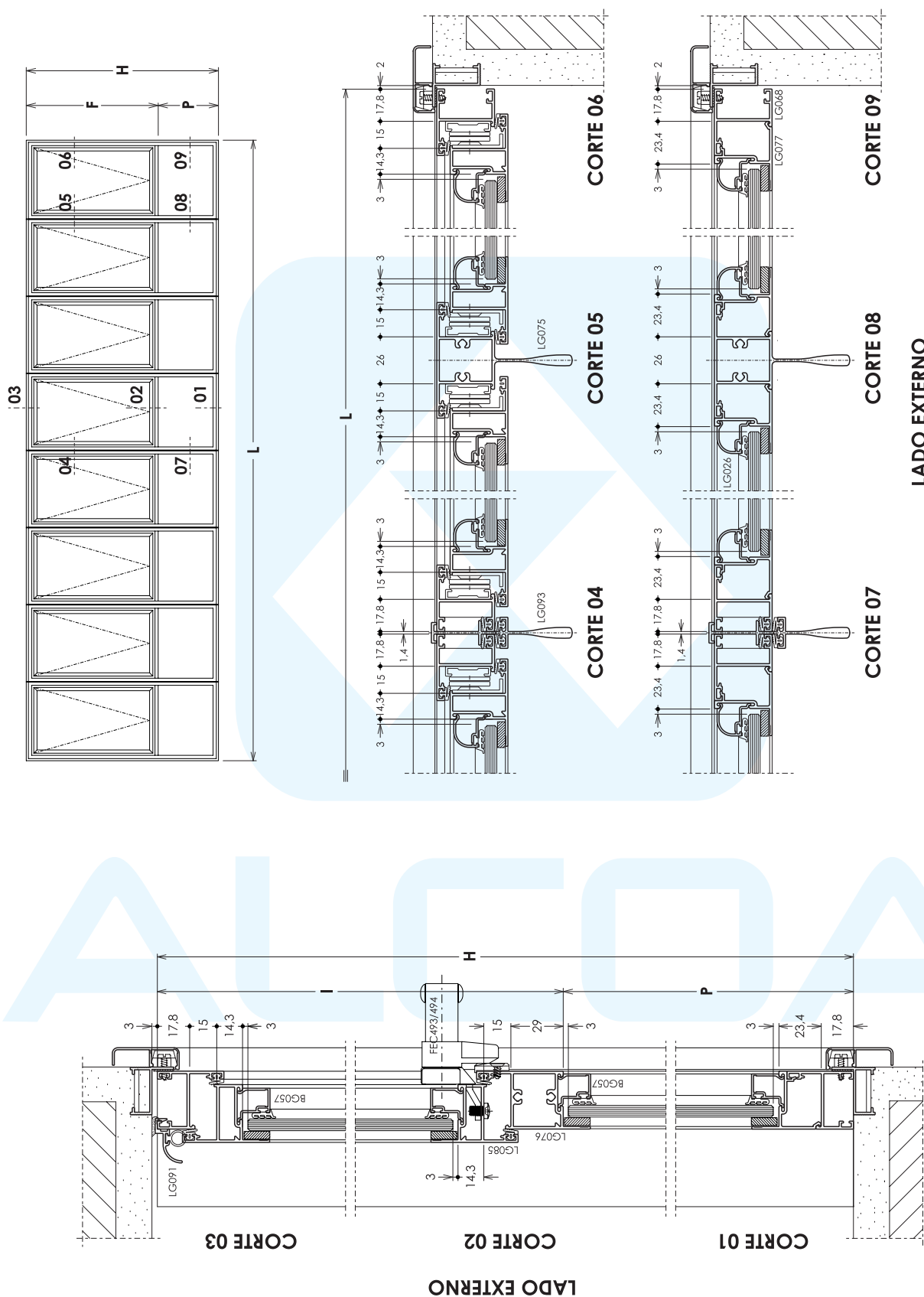


LADO EXTERNO

Janela Maxim-ar, com peitoril fixo
Contramarco convencional

1. - Aplicar silicone nas junções dos marcos.
2. - Componentes: consultar Catálogo Técnico

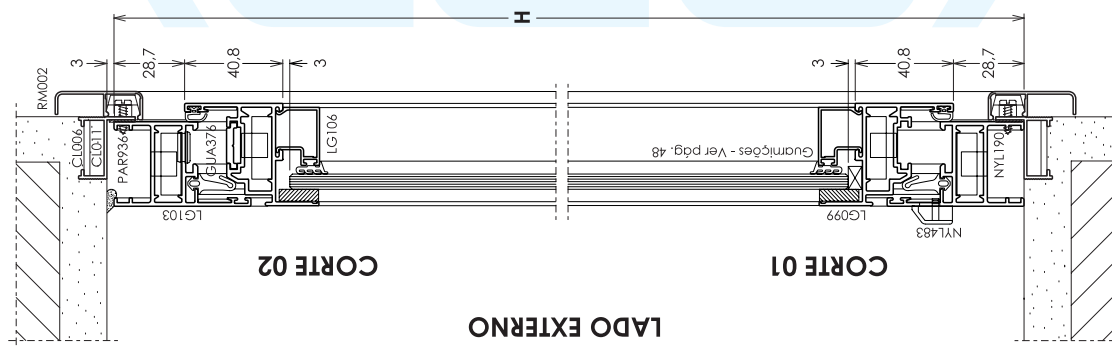
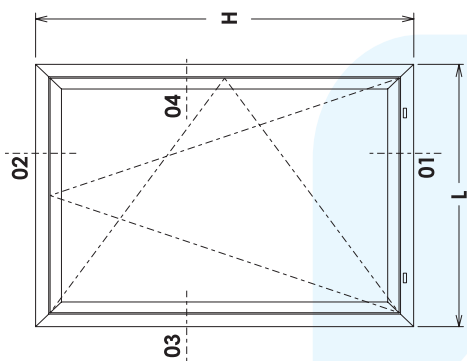
ELEVAÇÃO VISTA EXTERNA



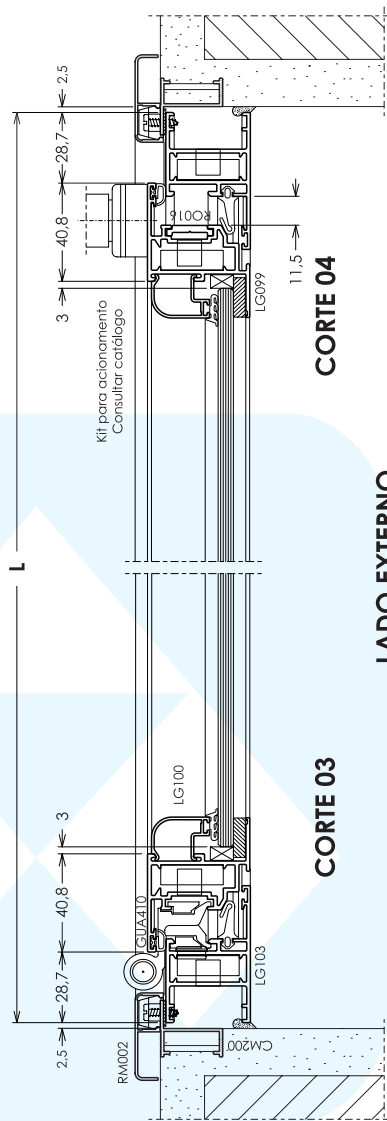
1. - Aplicar silicone nas junções dos marcos.
2. - Componentes: consultar Catálogo Técnico

Janela Maxim-ar, com peitoril e painel fixos
Contramarco cadeirinha

ELEVAÇÃO VISTA EXTERNA



LADO EXTERNO

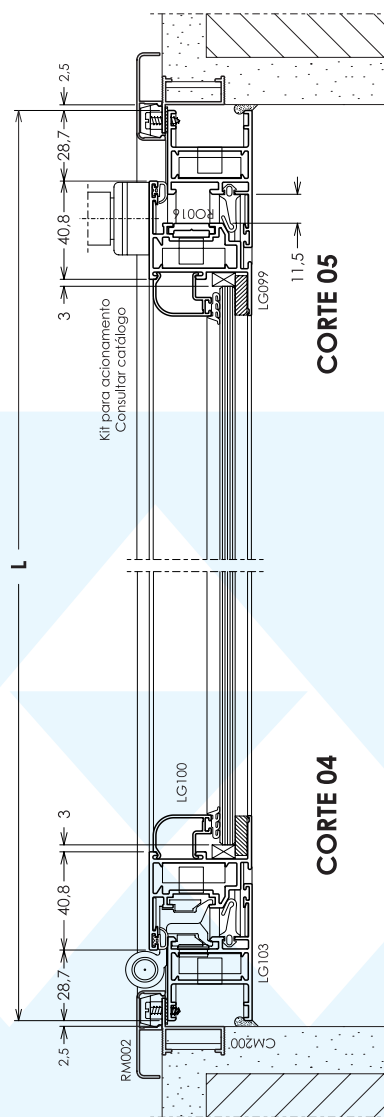
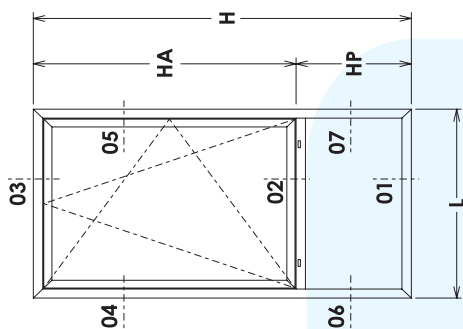


LADO EXTERNO

1. - Aplicar silicone nas junções dos marcos.
2. - Componentes: consultar Catálogo Técnico

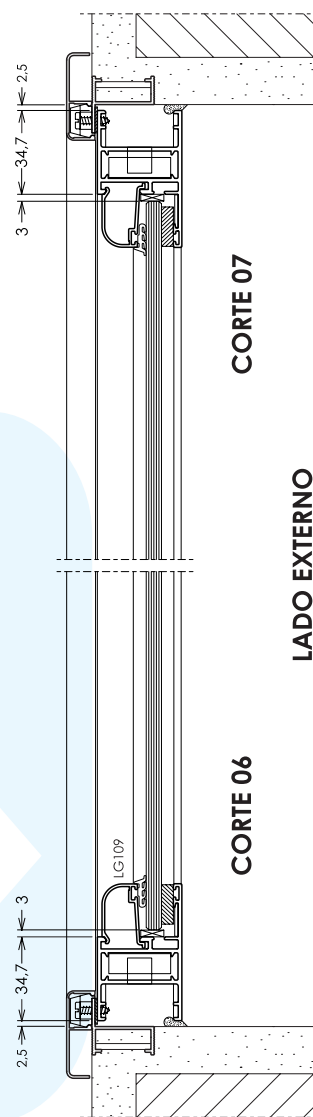
Janela de Abrir e Tombar 1 folha

ELEVÇÃO VISTA EXTERNA



CORTE 05

CORTE 04



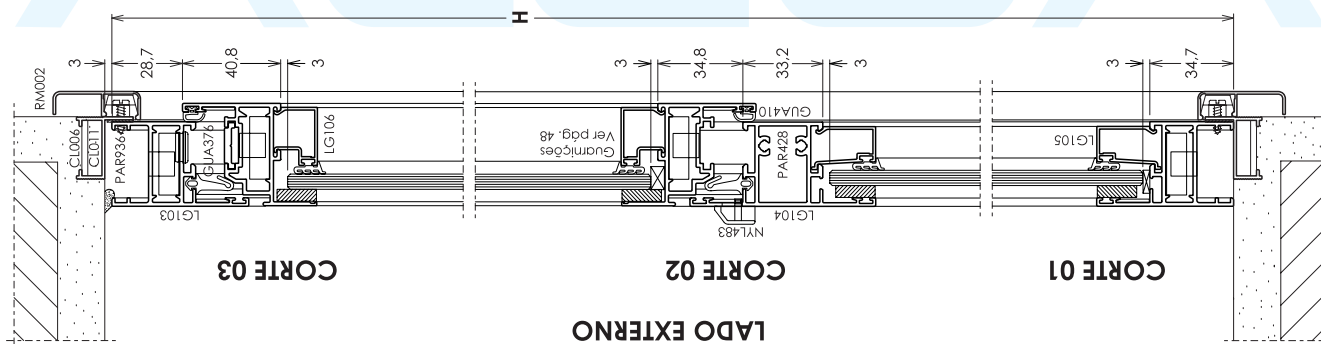
CORTE 07

CORTE 06

LADO EXTERNO

Janela de Abrir e Tombar 1 folha,
com peitoril fixo

1. - Aplicar silicone nas junções dos marcos.
2. - Componentes: consultar Catálogo Técnico



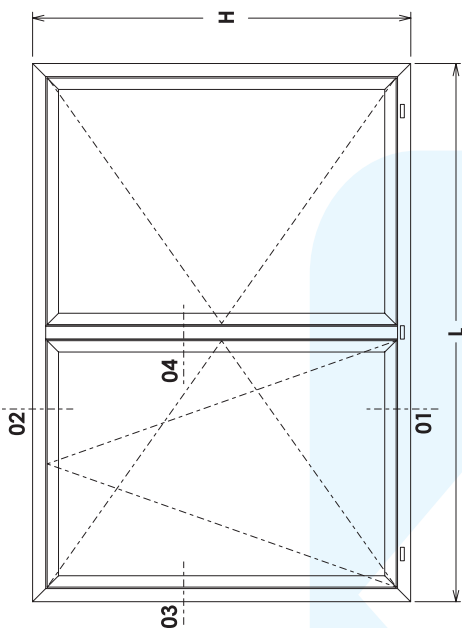
CORTE 03

CORTE 02

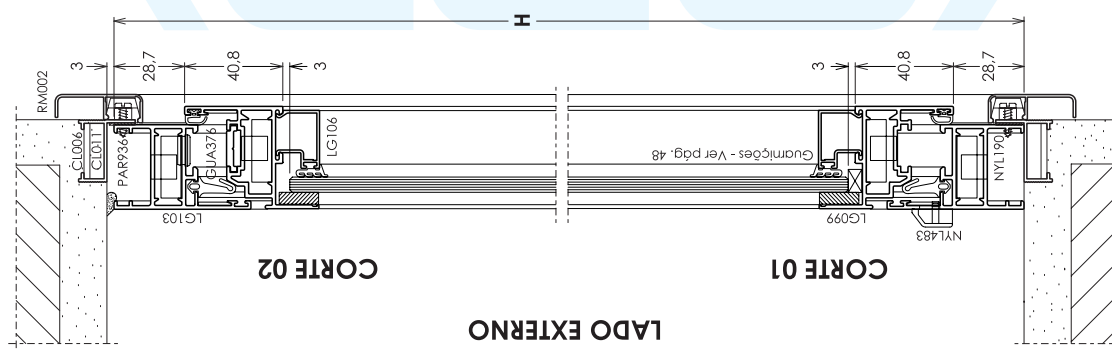
CORTE 01

LADO EXTERNO

ELEVAÇÃO VISTA EXTERNA

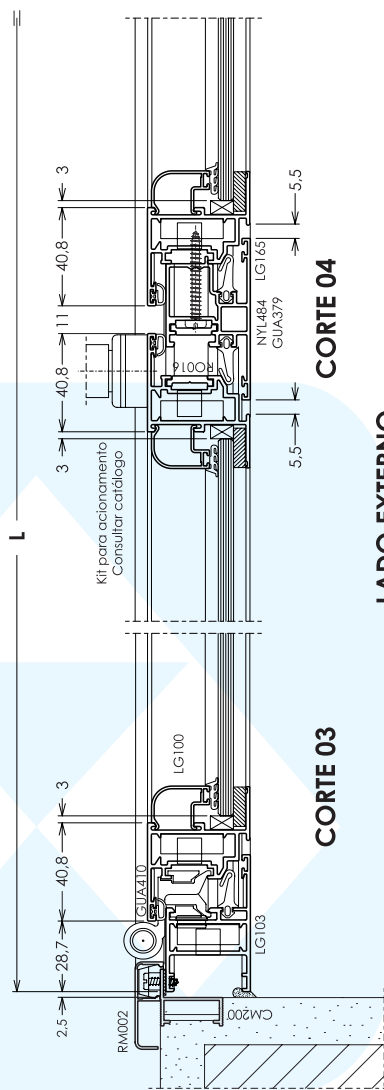


LADO EXTERNO



CORTE 02

CORTE 01



CORTE 03

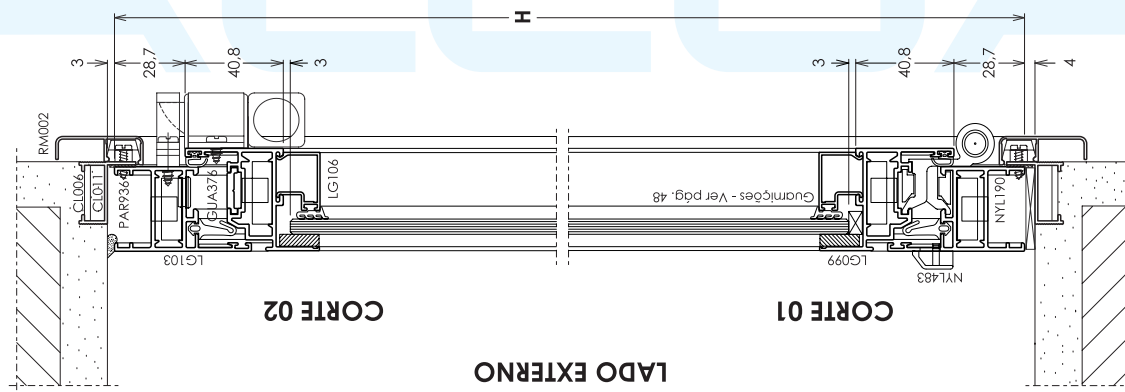
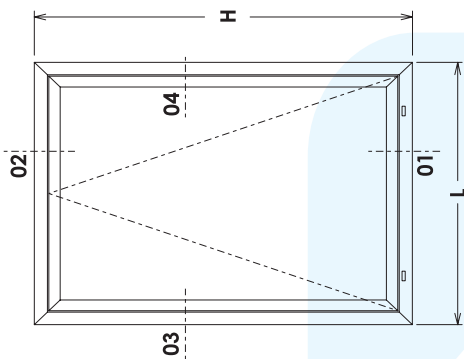
CORTE 04

LADO EXTERNO

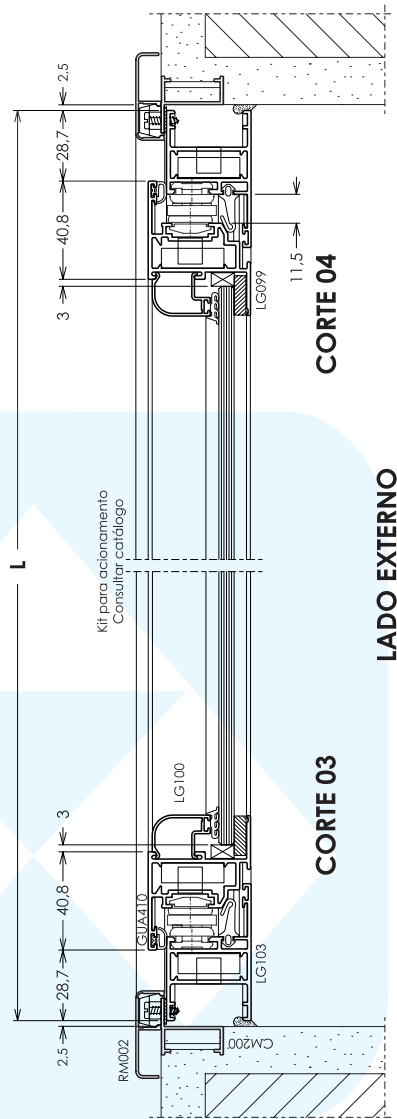
1. - Aplicar silicone nas junções dos marcos.
2. - Componentes: consultar Catálogo Técnico

Janela de Abrir e Tombar 2 folhas

ELEVÇÃO VISTA EXTERNA



LADO EXTERNO



CORTE 04

CORTE 03

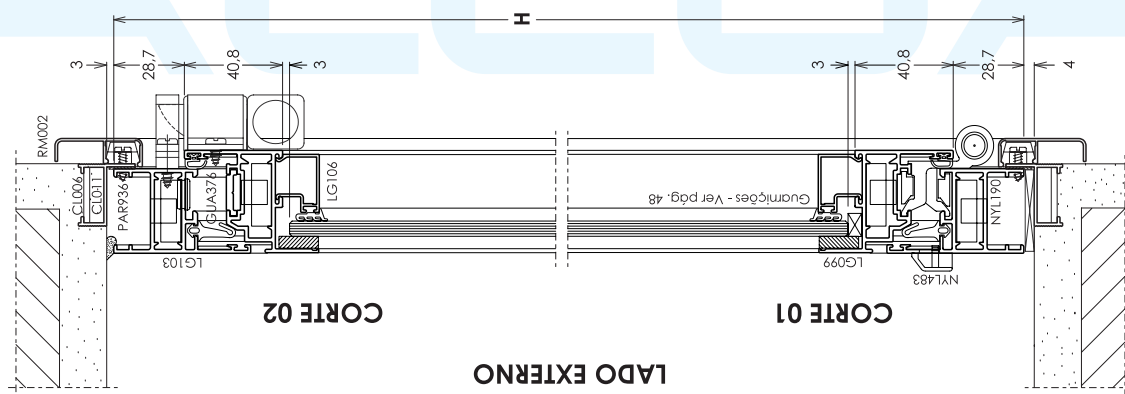
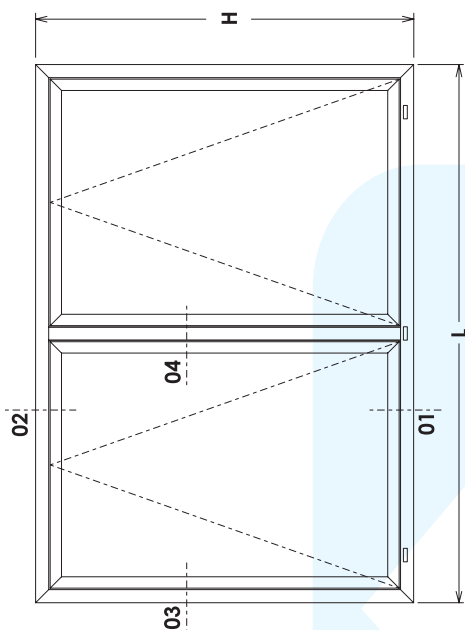
LADO EXTERNO

Kit para acionamento
Consultar catálogo

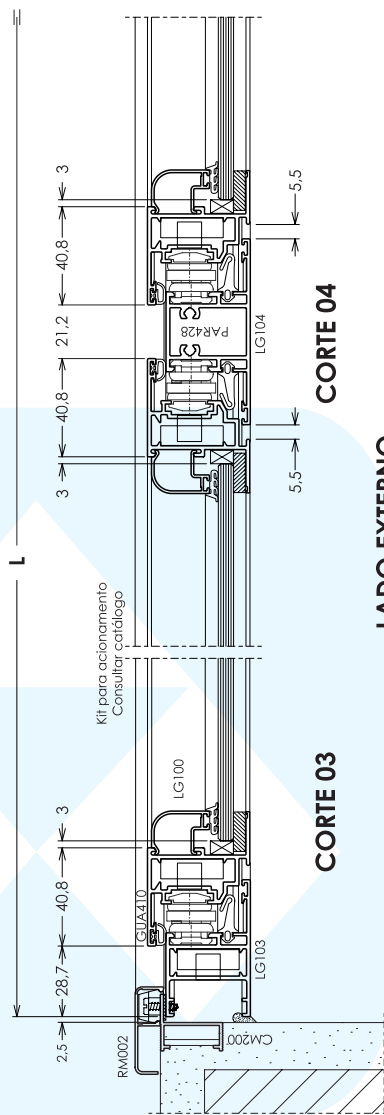
1. - Aplicar silicone nas junções dos marcos.
2. - Componentes: consultar Catálogo Técnico

Janela de Tombar 1 folha

ELEVAÇÃO VISTA EXTERNA



LADO EXTERNO

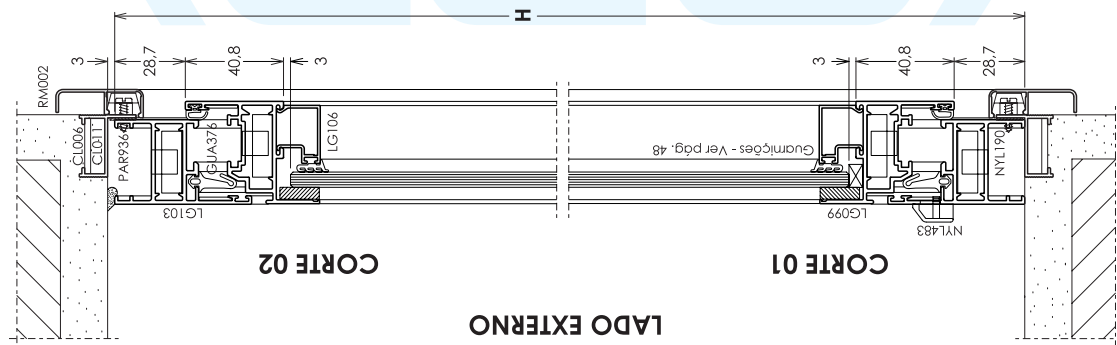
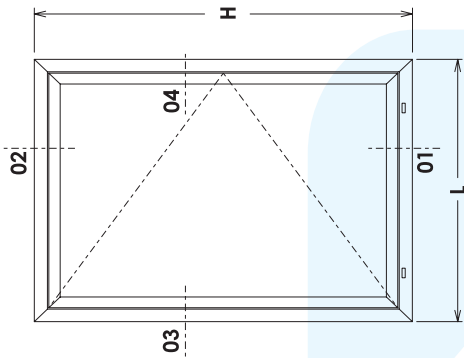


LADO EXTERNO

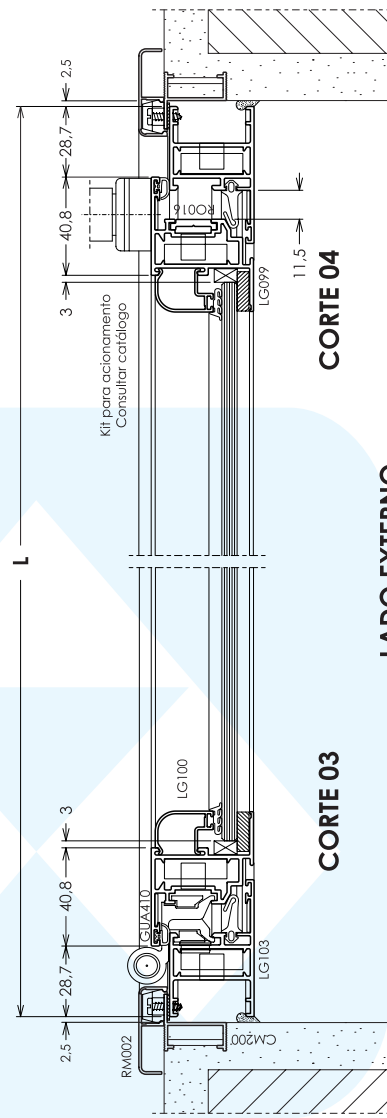
1. - Aplicar silicone nas junções dos marcos.
2. - Componentes: consultar Catálogo Técnico

Janela de Tombar 2 folhas

ELEVÇÃO VISTA EXTERNA



LADO EXTERNO



CORTE 04

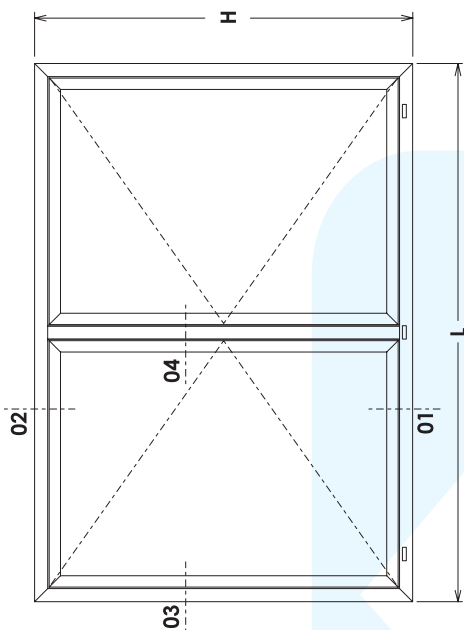
CORTE 03

LADO EXTERNO

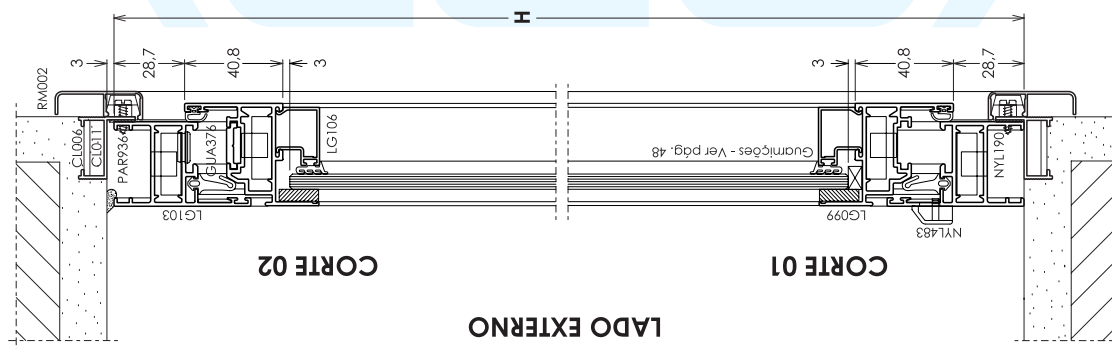
1. - Aplicar silicone nas junções dos marcos.
2. - Componentes: consultar Catálogo Técnico

Janela de Giro 1 folha

ELEVAÇÃO VISTA EXTERNA

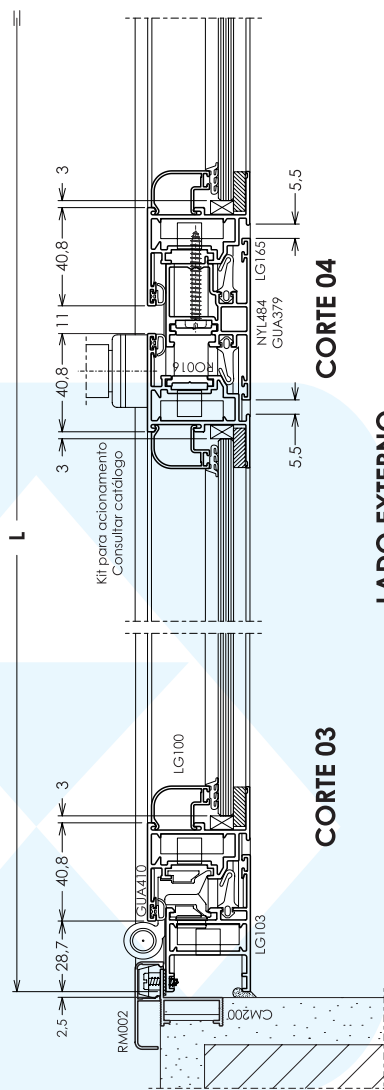


LADO EXTERNO



CORTE 02

CORTE 01



CORTE 03

CORTE 04

LADO EXTERNO

1. - Aplicar silicone nas junções dos marcos.
2. - Componentes: consultar Catálogo Técnico

Janela de Giro 2 folhas



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Catálogo Técnico Linha Gold GMPE 038 ABR 09