

 **LinhaMaster**®





A PERFEITA COMBINAÇÃO ENTRE BELEZA, QUALIDADE E ECONOMIA

- Dimensões pré-estudadas tanto da bitola dos perfis como o tamanho das barras, visando o fim do desperdício.
- Fabricação através de módulos.
- Bitola dos perfis conforme a necessidade de suportar os esforços provocados pelo vento nas diversas regiões do país.
- Design moderno, com visual robusto, baguetes e montantes com formas arredondadas, levando em conta o conforto no manuseio.
- Excelente desempenho na vedação à água.
- Caixa de dreno com maior vazão de água.
- Guias limitadoras de fácil ajuste.





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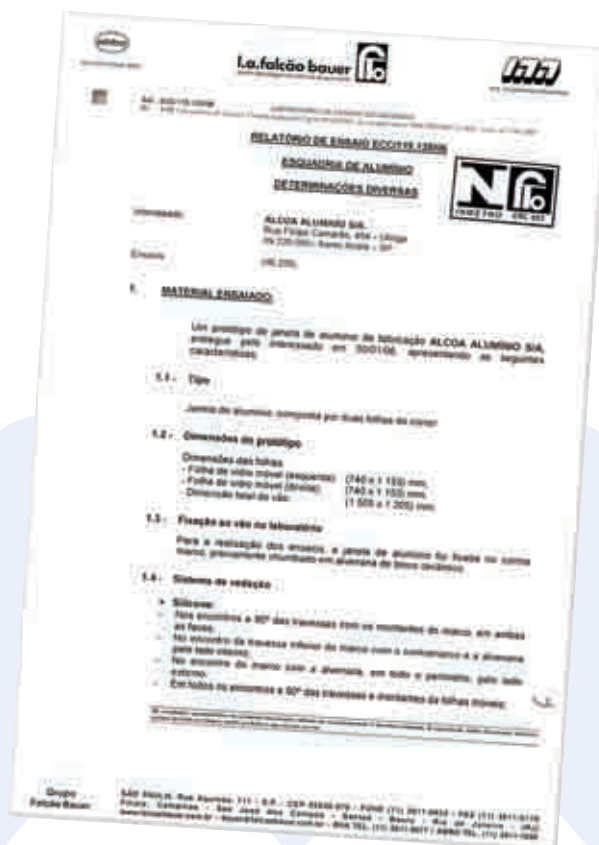
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Catálogo Técnico Linha Master GMPE 031 JAN 08

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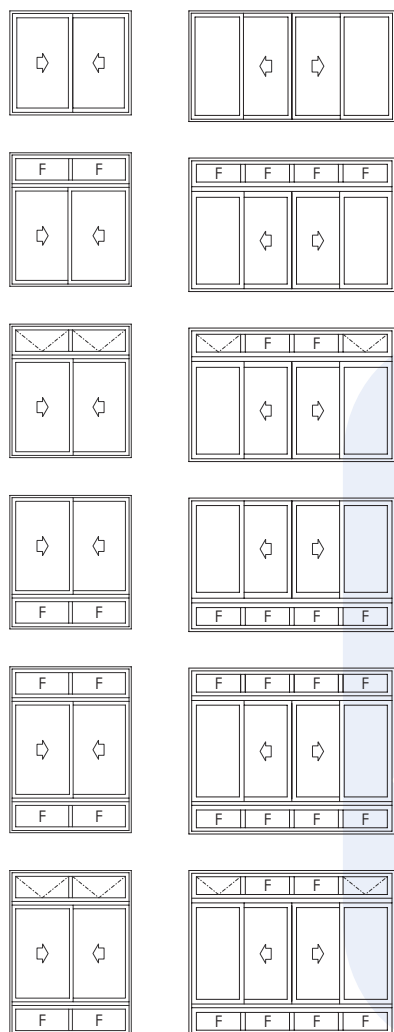
Tipologia	Número do Certificado	Ensaio Realizado	Laboratório
Janela de correr 2 folhas	ECC - 129737/06 ECC - 128852/06	NBR6485, NBR6486, NBR6487 NBR10821	Falcão Bauer Falcão Bauer
Janela de correr 2 folhas integradas	ECC - 68252/01	NBR6485, NBR6486, NBR6487	Falcão Bauer
Janela de correr 3 folhas Veneziana	ECC - 130531/07 ECC - 130532/07	NBR6485, NBR6486, NBR6487 NBR10821	Falcão Bauer Falcão Bauer
Janela de correr 4 folhas	ECC - 131092/07 ECC - 131093/07	NBR6485, NBR6486, NBR6487 NBR10821	Falcão Bauer Falcão Bauer
Janela de correr 6 folhas Veneziana	ECC - 134024/07 ECC - 134025/07	NBR6485, NBR6486, NBR6487 NBR10821	Falcão Bauer Falcão Bauer
Janela Maxim-ar	ECC - 130539/07 ECC - 129734/07	NBR6485, NBR6486, NBR6487 NBR10821	Falcão Bauer Falcão Bauer
Porta de correr 2 folhas	ECC - 129738/06 ECC - 128853/06	NBR6485, NBR6486, NBR6487 NBR10821	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/master e www.aluminioecia.com.br

Janelas de Correr

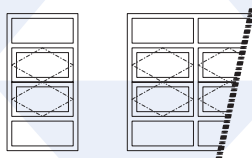
2 Planos - 2 e 4 Folhas

**Janelas e Portas de Correr**

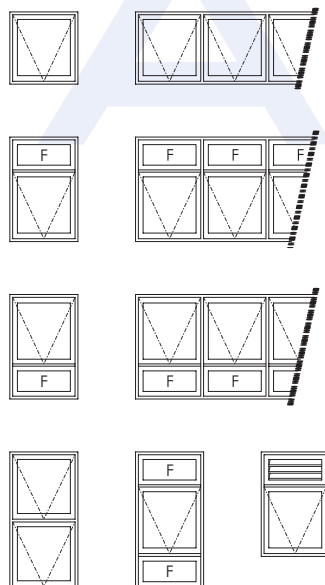
3 Planos - 3 e 6 Folhas

**Janelas Basculante**

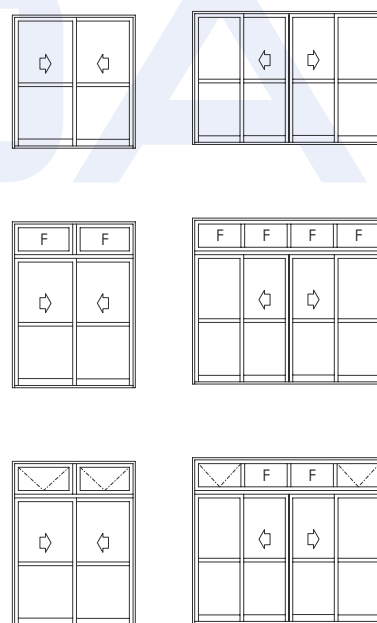
1 e Múltiplos Módulos

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

1 e Múltiplas Folhas

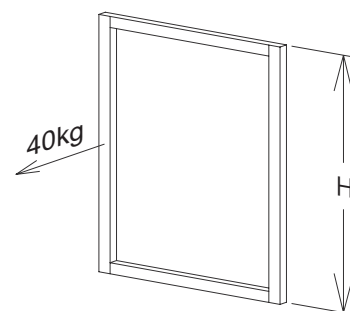
**Quadros Fixos****Portas de Correr**

2 Planos - 2 e 4 Folhas



Limites por esforço de uso**Folha de Correr - Janela**

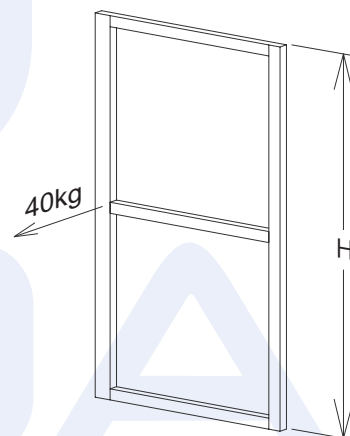
Liga 6060 T5



	MH092	MH010	MH010	MH055	MH055
Perfil					
Vidro	4mm	4mm	6mm	4mm	6mm
H máximo (Medida de folha)	1050	1200	1300	1200	1300

Limites por esforço de uso**Folha de Correr - Porta**

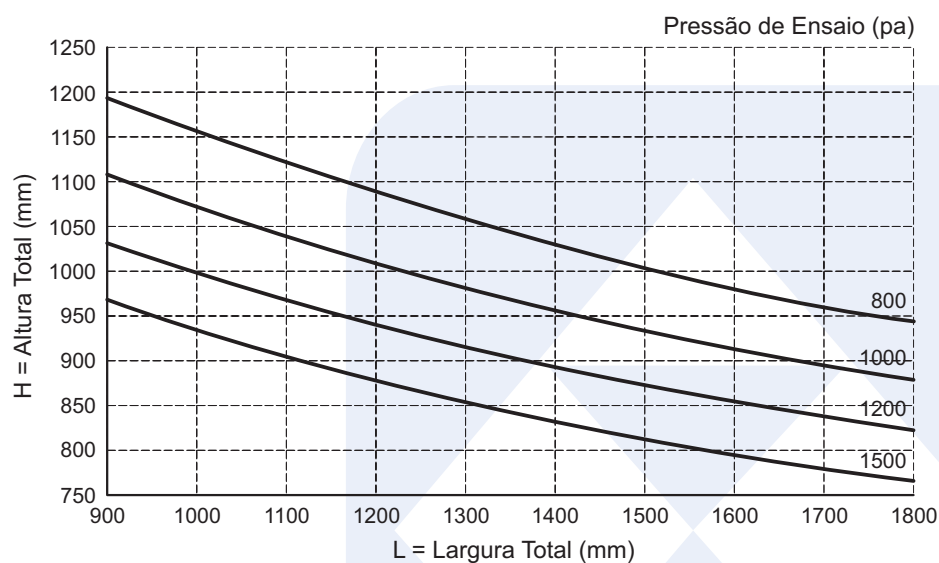
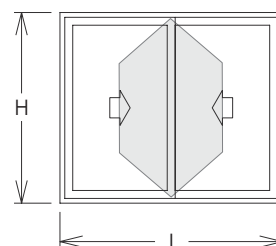
Liga 6060 T5



	MH032	MH076	MH056	MH063
Perfil				
Vidro	6mm	6mm	6mm	6mm
H máximo (Medida de folha)	2050	2300	2050	2300

Janela de Correr 2 folhas

Liga 6060 T5



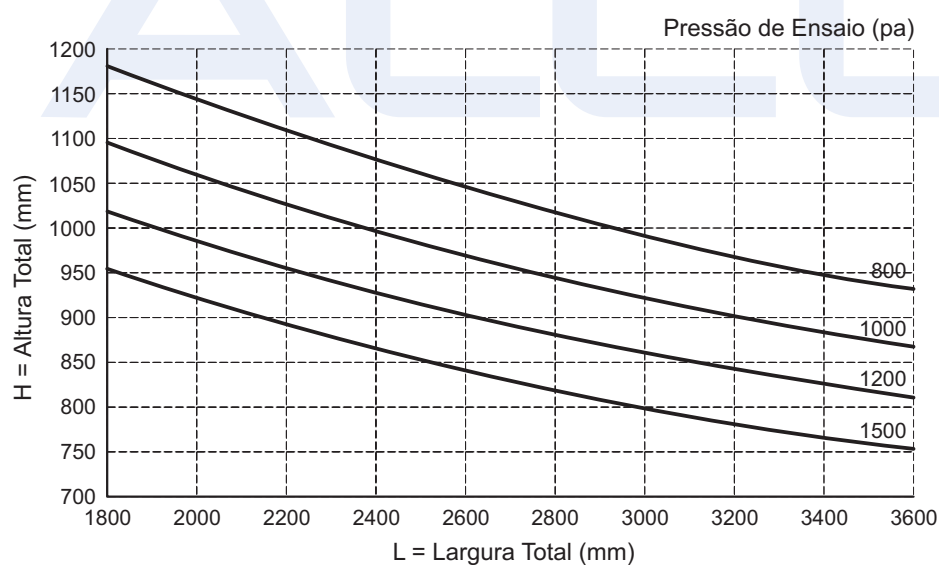
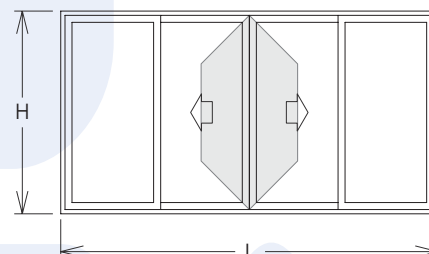
Área = 120,6 mm²
Jx = 9919 mm⁴
Wx = 727 mm³

Área = 120,6 mm²
Jx = 9919 mm⁴
Wx = 727 mm³

J total = 19838 mm⁴

Janela de Correr 4 folhas

Liga 6060 T5



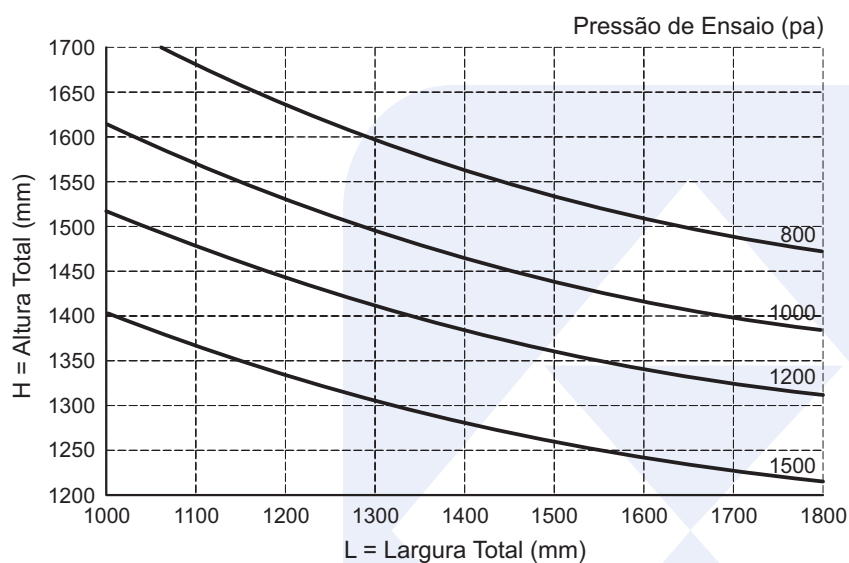
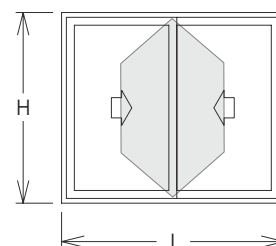
Área = 131 mm²
Jx = 8885 mm⁴
Wx = 826 mm³

Área = 170 mm²
Jx = 9932 mm⁴
Wx = 923 mm³

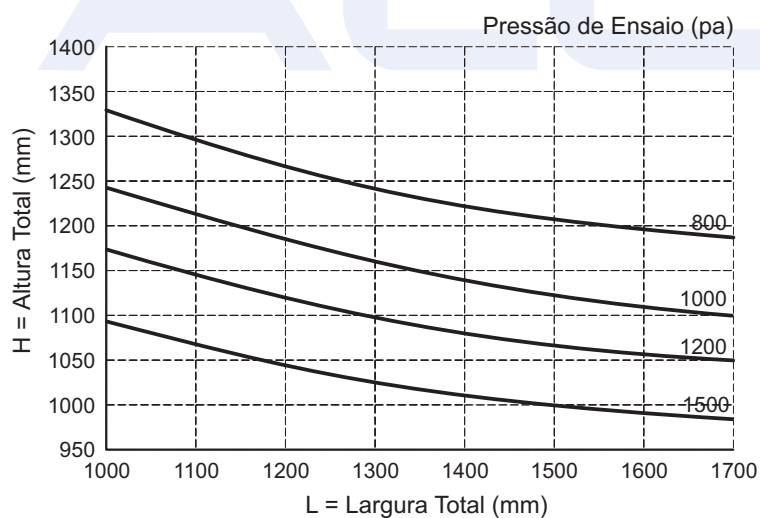
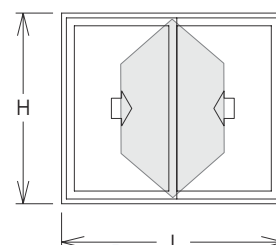
J total = 18817 mm⁴

Janela de Correr 2 folhas

Liga 6060 T5

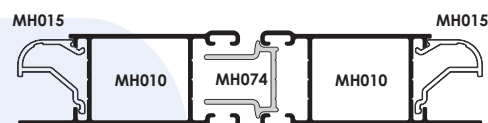
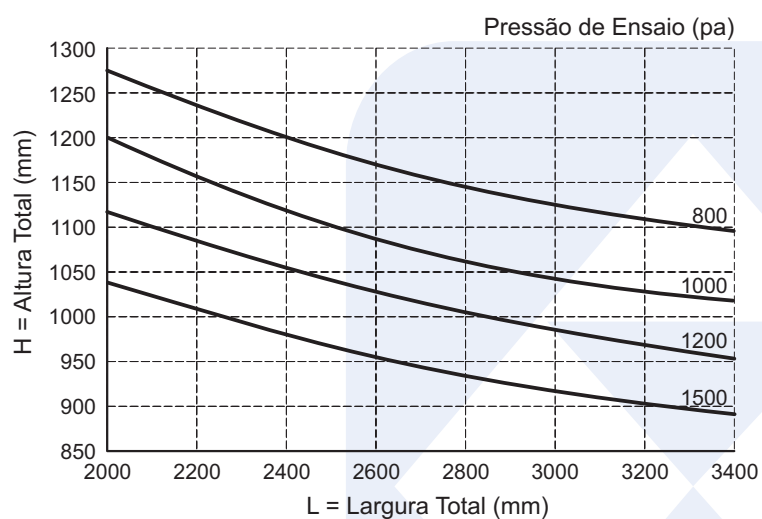
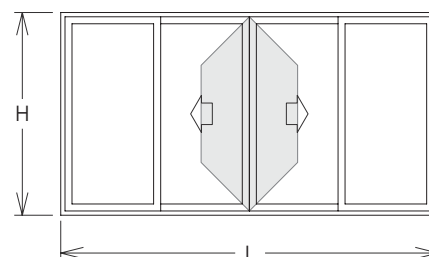
**Janela de Correr 2 folhas**

Liga 6060 T5



Janela de Correr 4 folhas

Liga 6060 T5



Área = 194 mm²
Jx = 12382 mm⁴
Wx = 1143 mm³

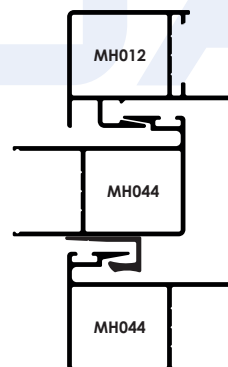
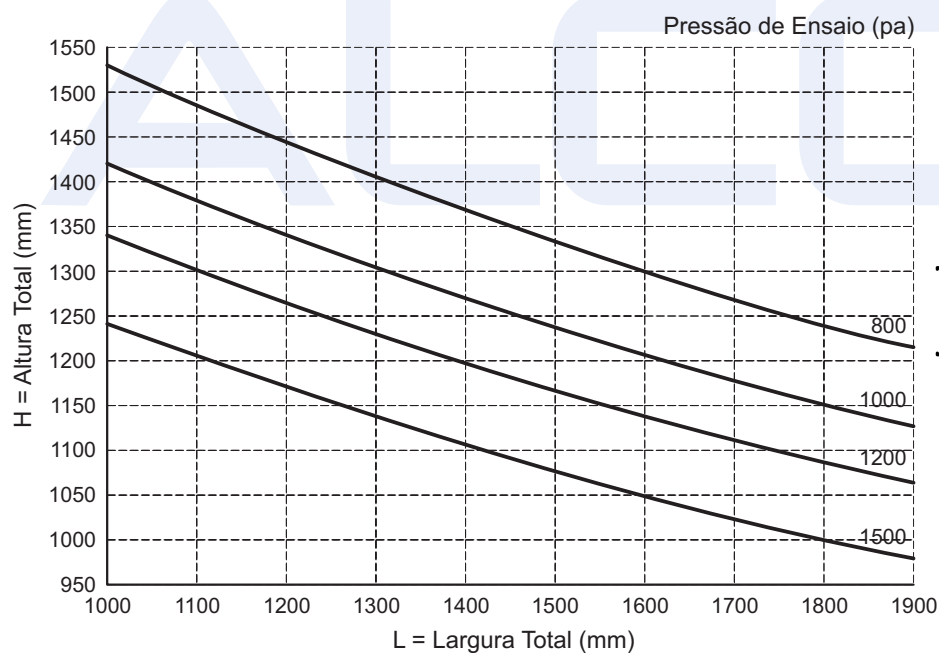
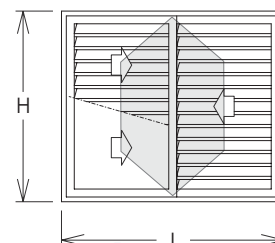
Área = 250,3 mm²
Jx = 13879 mm⁴
Wx = 1283 mm³

J total = 26261 mm⁴

Janela de Correr 3 folhas veneziana

Liga 6060 T5

Nota: Gráfico considerando perfil auxiliar DS023 como elemento de ligação, com montante MH022.



Área = 147 mm²
Jx = 11594 mm⁴
Wx = 863 mm³

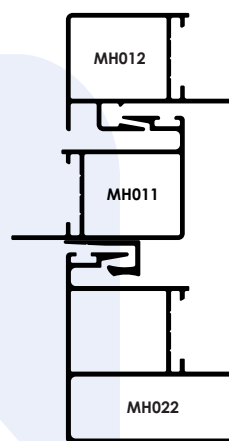
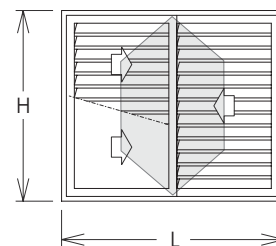
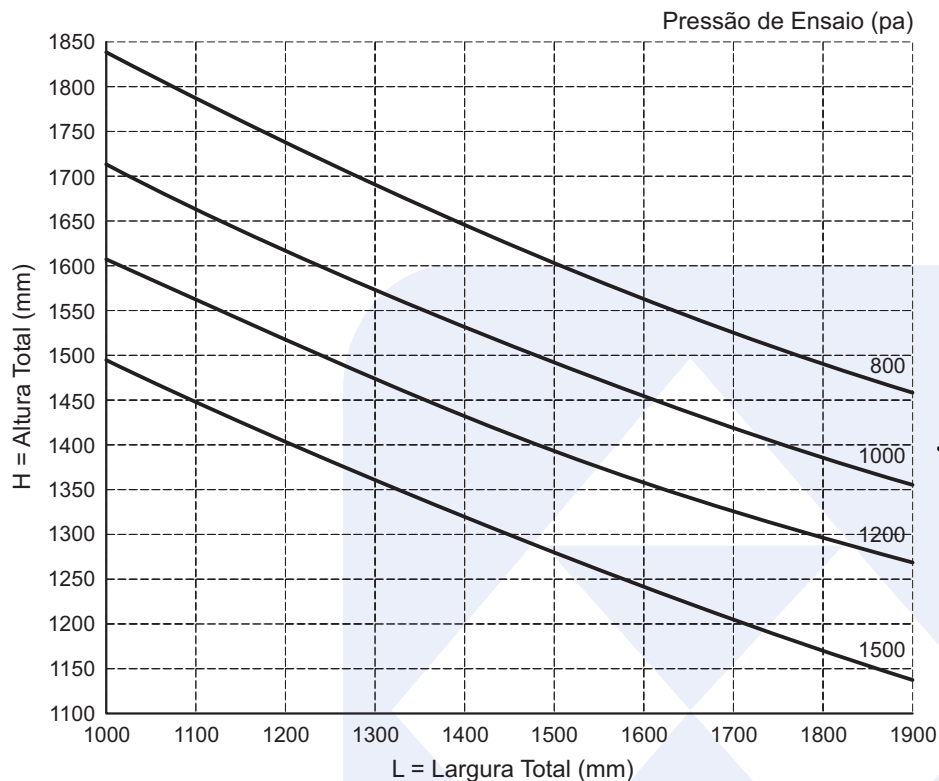
Área = 191 mm²
Jx = 21248 mm⁴
Wx = 1210 mm³

Área = 156 mm²
Jx = 13772 mm⁴
Wx = 983 mm³

J total = 46614 mm⁴

Janela de Correr 3 folhas veneziana

Liga 6060 T5

Nota: Gráfico considerando perfil auxiliar DS023 como elemento de ligação, com montante MH022.

Área = 147 mm²
Jx = 11594 mm⁴
Wx = 863 mm³

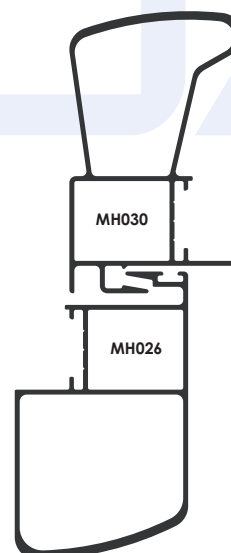
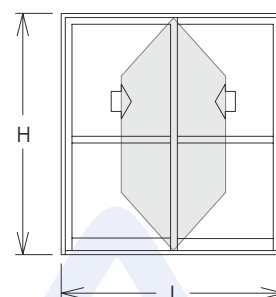
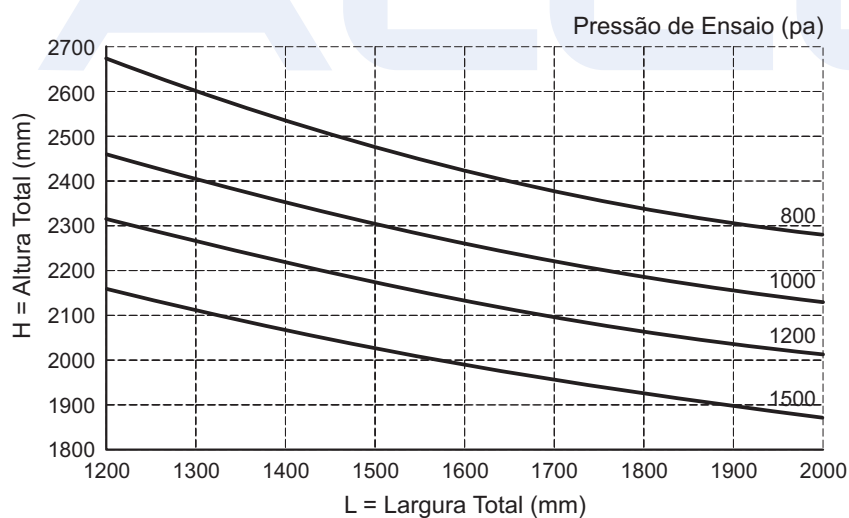
Área = 185 mm²
Jx = 21069 mm⁴
Wx = 1159 mm³

Área = 247 mm²
Jx = 48381 mm⁴
Wx = 2031 mm³

J total = 81044 mm⁴

Porta de Correr 2 folhas
Reforços externo e interno

Liga 6060 T5



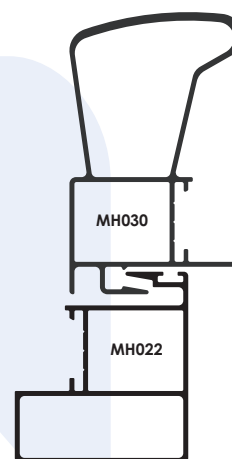
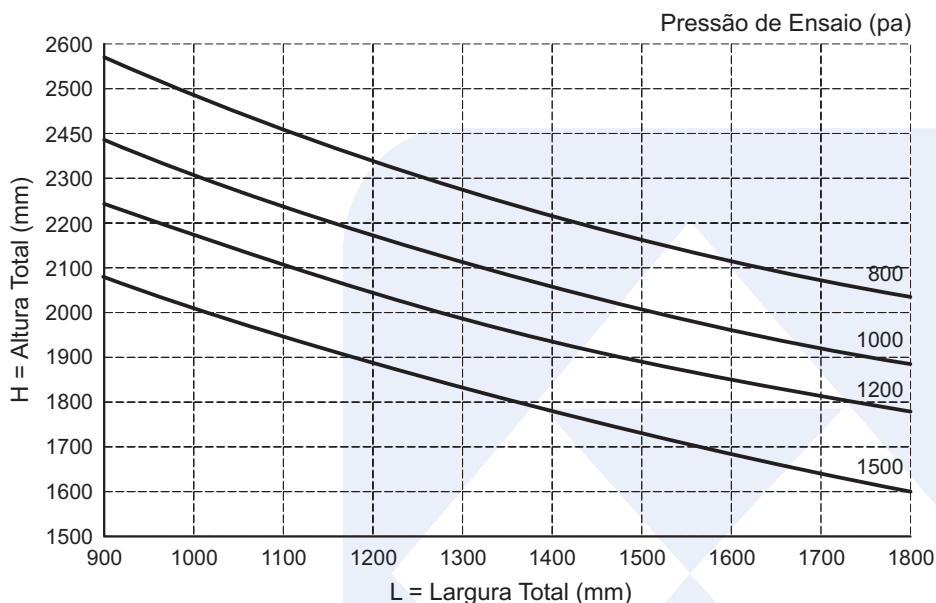
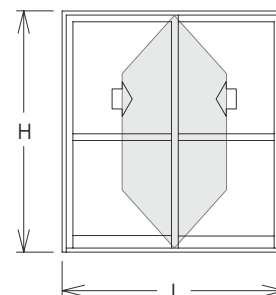
Área = 318 mm²
Jx = 149388 mm⁴
Wx = 4588 mm³

Área = 314 mm²
Jx = 138737 mm⁴
Wx = 4135 mm³

J total = 288125 mm⁴

Porta de Correr 2 folhas Reforços externo e interno Liga 6060 T5

OBS.: Não ultrapassar o limite de 40 kg / folha.



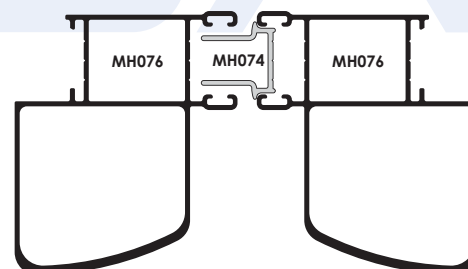
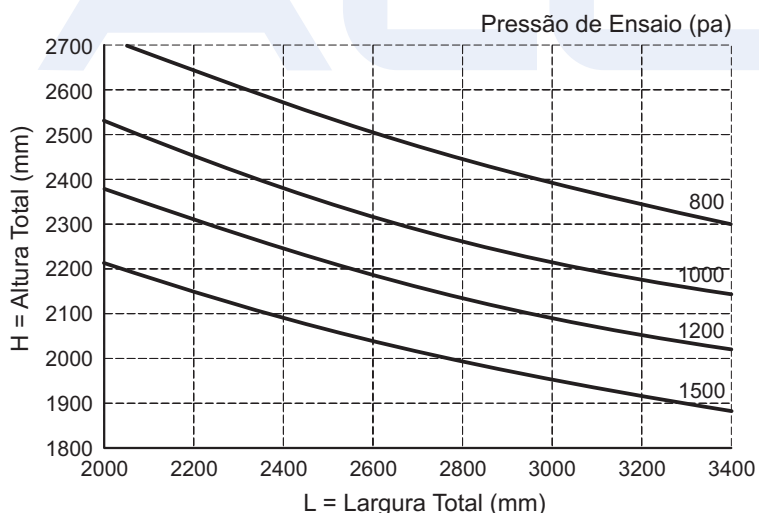
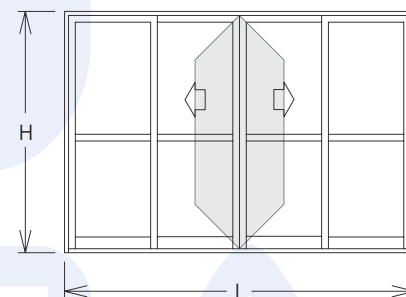
Área = 318 mm²
Jx = 149388 mm⁴
Wx = 4588 mm³

Área = 247 mm²
Jx = 48381 mm⁴
Wx = 2031 mm³

J total = 197769 mm⁴

Porta de Correr 4 folhas Reforço externo Liga 6060 T5

OBS.: Não ultrapassar o limite de 40 kg / folha.



Área = 320 mm²
Jx = 121201 mm⁴
Wx = 4139 mm³

Área = 376,2 mm²
Jx = 137107 mm⁴
Wx = 4300 mm³

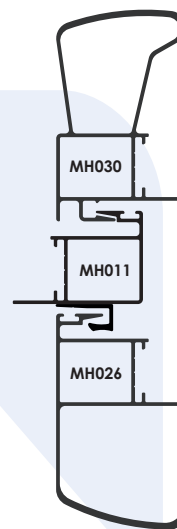
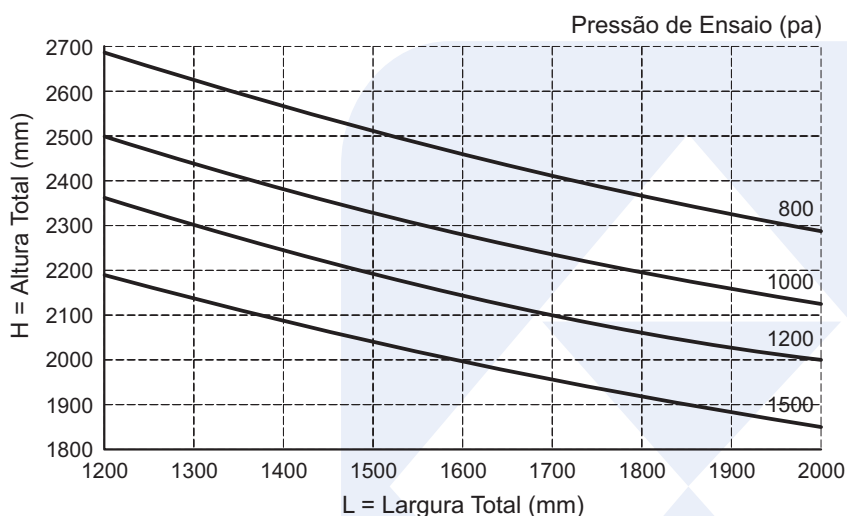
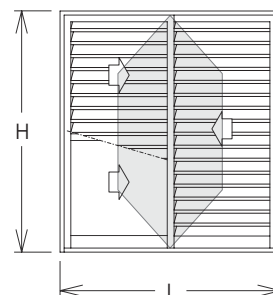
J total = 258308 mm⁴

Porta de Correr 3 folhas veneziana Reforços interno e externo

Liga 6060 T5

OBS.: Não ultrapassar o limite de 40 kg / folha.

Nota: Gráfico considerando perfil auxiliar DS023 como elemento de ligação, com montante MH022.



Área = 318 mm²
Jx = 149388 mm⁴
Wx = 4588 mm³

Área = 185 mm²
Jx = 21069 mm⁴
Wx = 1159 mm³

Área = 314 mm²
Jx = 138737 mm⁴
Wx = 4135 mm³

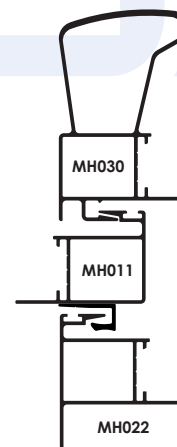
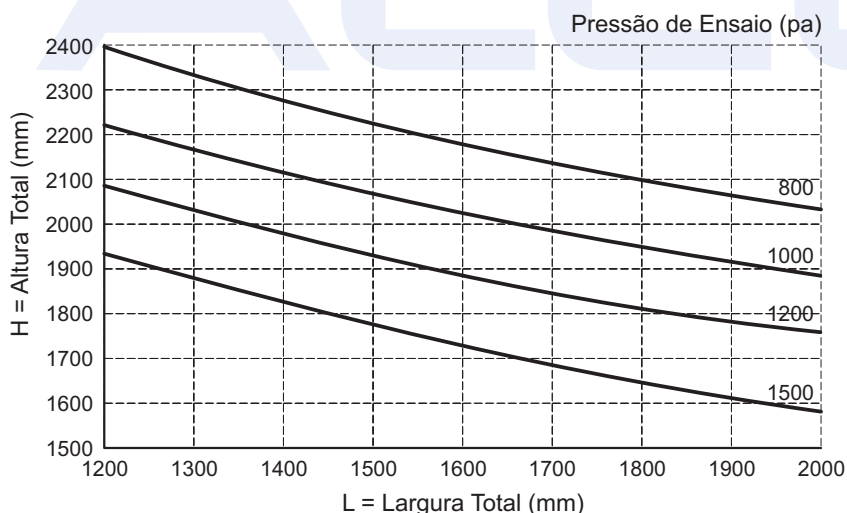
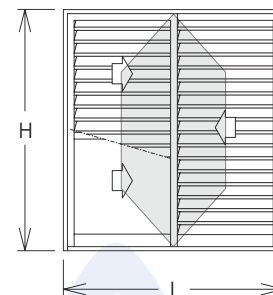
J total = 309194 mm⁴

Porta de Correr 3 folhas veneziana Reforços interno e externo

Liga 6060 T5

OBS.: Não ultrapassar o limite de 40 kg / folha.

Nota: Gráfico considerando perfil auxiliar DS023 como elemento de ligação, com montante MH022.



Área = 318 mm²
Jx = 149388 mm⁴
Wx = 4476 mm³

Área = 185 mm²
Jx = 21069 mm⁴
Wx = 1159 mm³

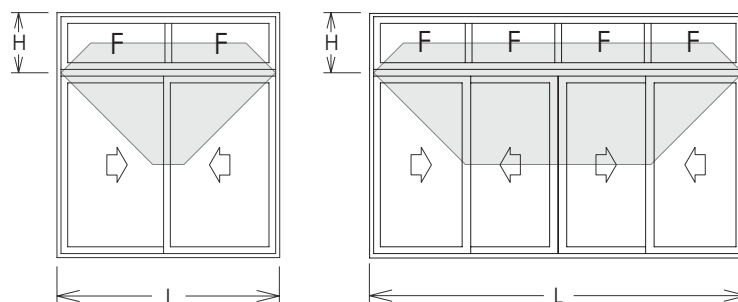
Área = 247 mm²
Jx = 48381 mm⁴
Wx = 2031 mm³

J total = 218838 mm⁴

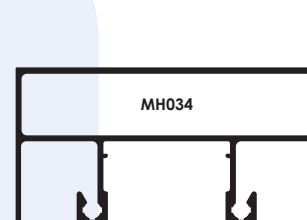
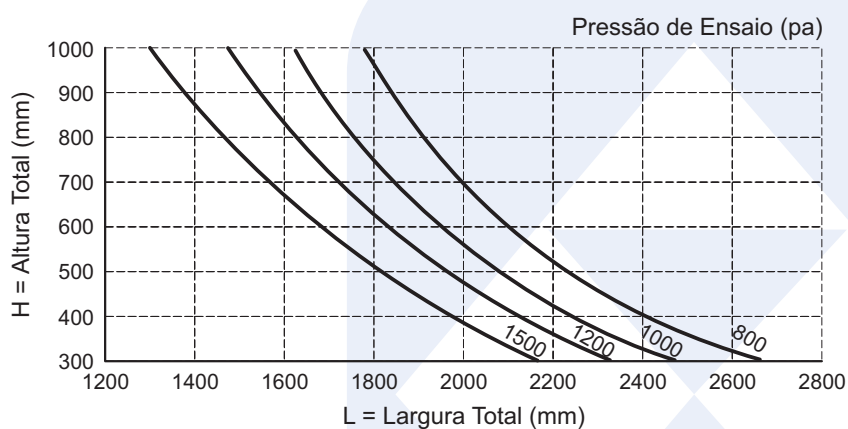
Travessa da bandeira

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 1400mm, utilizar o perfil MH097, para evitar que o próprio peso da bandeira deforme a travessa e prejudique o funcionamento das folhas de correr.

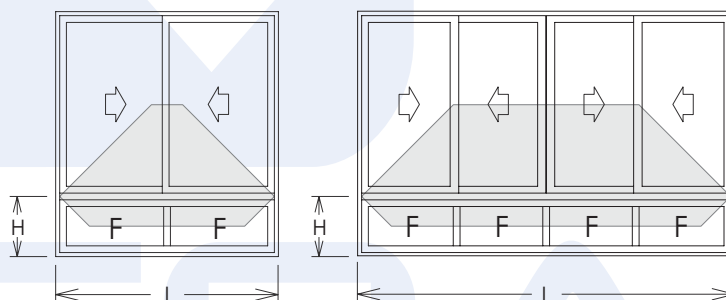


Área = 329,7 mm²
Jx = 145668 mm⁴
Wx = 4598 mm³

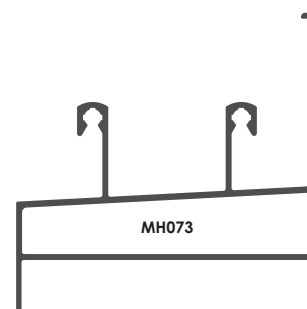
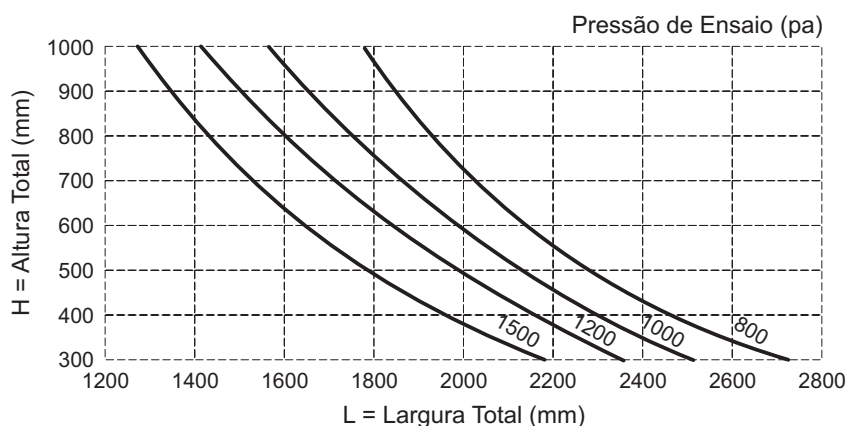
Travessa do peitoril

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 1400mm, utilizar o perfil MH097, para evitar a deformação da travessa do peitoril e prejudicar o funcionamento das folhas de correr.



Área = 350,2 mm²
Jx = 152643 mm⁴
Wx = 4372 mm³

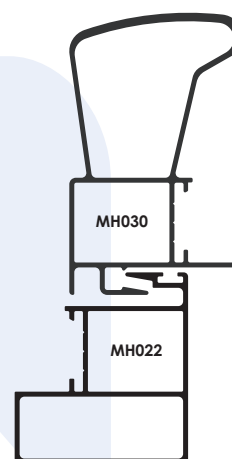
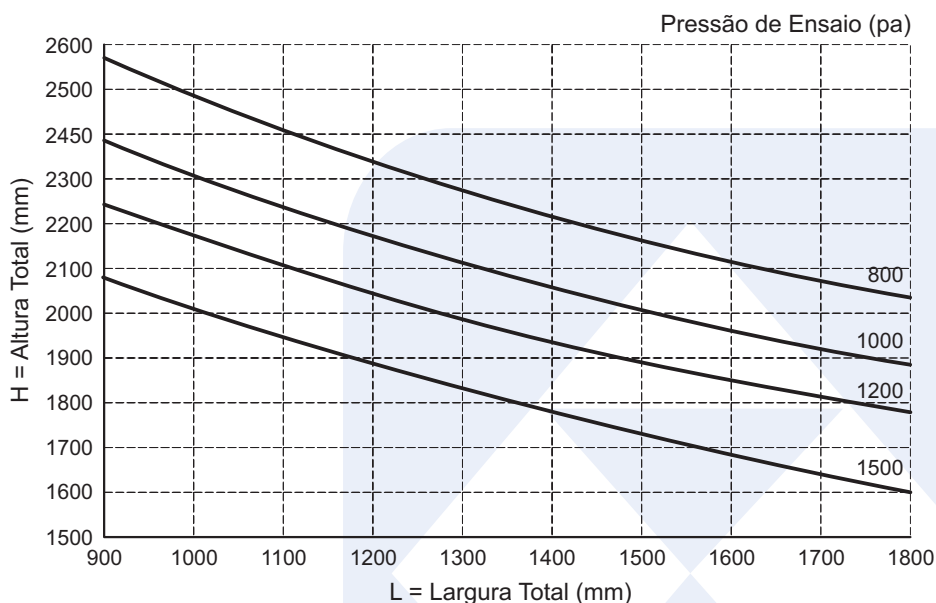
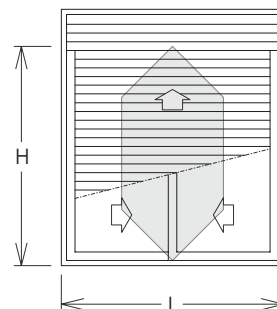
Janela de Correr 2 folhas, com persiana

Reforços externo e interno

Liga 6060 T5

Notas:

Largura máxima de 1800mm, limitada pela persiana.



Área = 318 mm²
Jx = 149388 mm⁴
Wx = 4588 mm³

Área = 247 mm²
Jx = 48381 mm⁴
Wx = 2031 mm³

J total = 197769 mm⁴

Travessa da Caixa

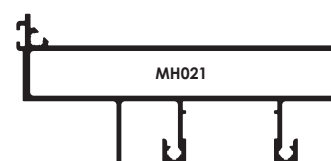
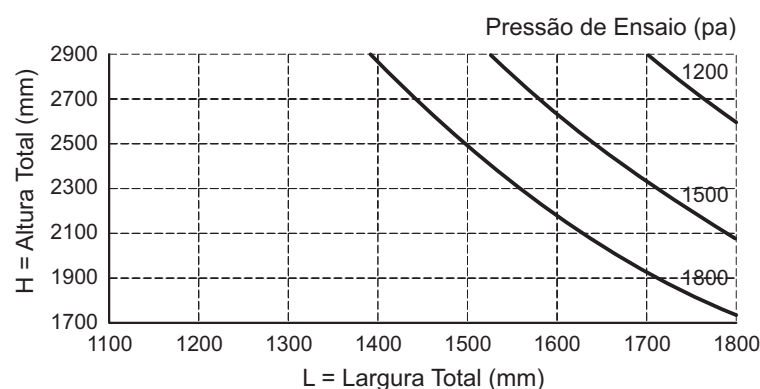
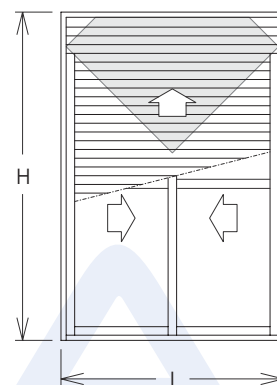
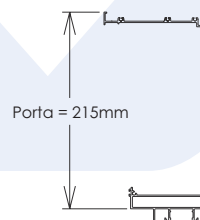
Porta e Janela de Correr 2 folhas, com persiana

Liga 6060 T5

Notas:

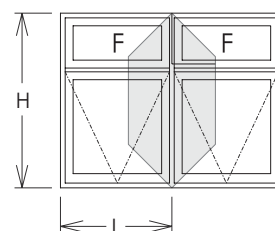
Largura máxima de 1800mm, limitada pela persiana.

Altura máxima da porta, limitada pelo diâmetro do rolo que a caixa comporta.
Ver limites nas montagens.

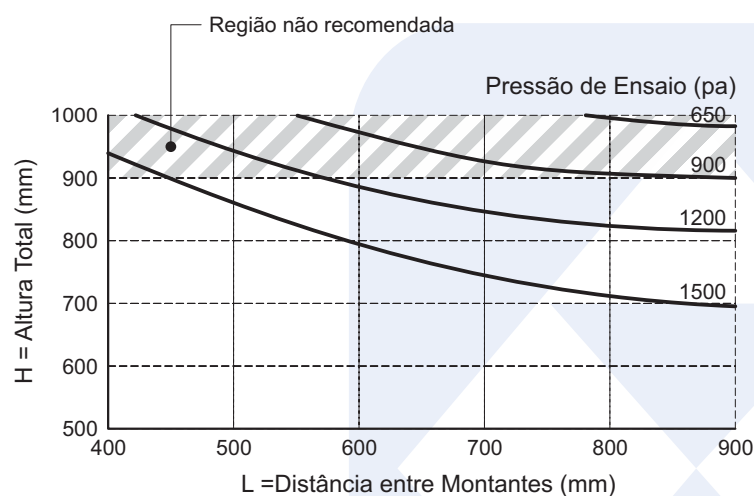


Área = 488 mm²
Jx = 413302 mm⁴
Wx = 8985 mm³

Montante central Janela Maxim ar Liga 6060 T5

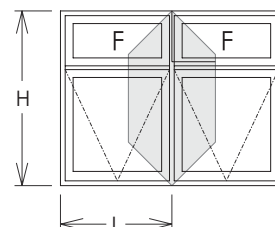


Dimensão máxima da folha = 900mm x 900mm,
limitada pela resistência dos perfis de folha

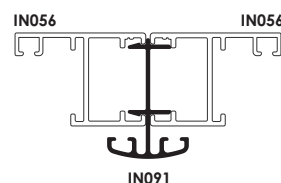
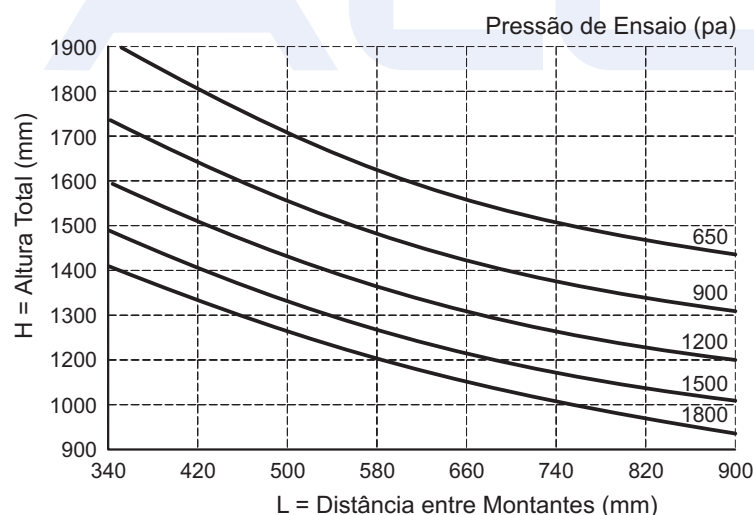


Área = 224 mm²
Jx = 16135 mm⁴
Wx = 1118 mm³

Junção de módulos Janela Maxim ar Liga 6060 T5



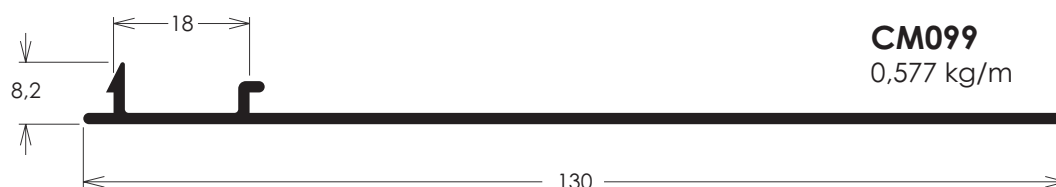
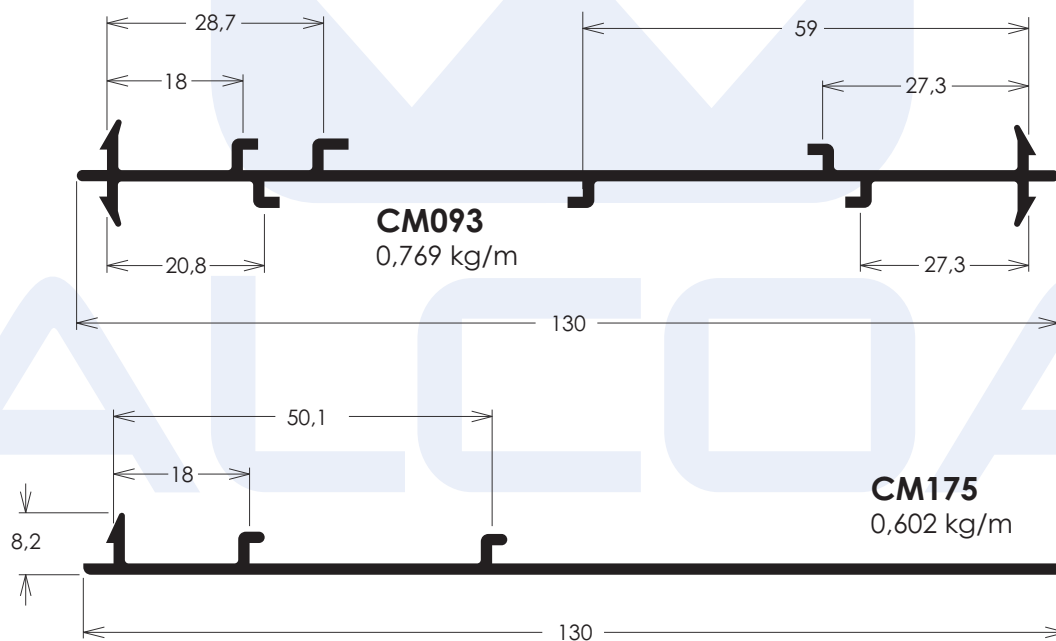
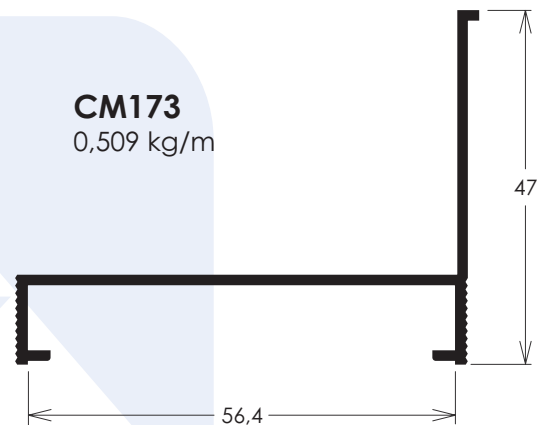
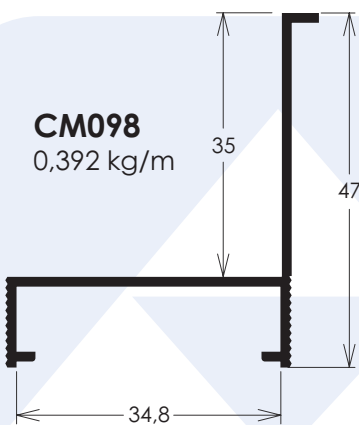
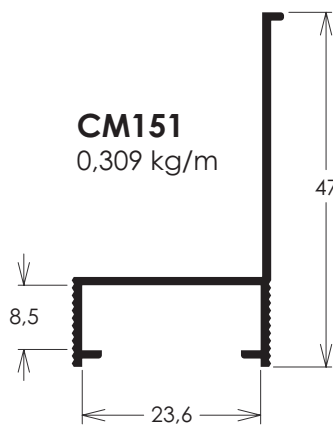
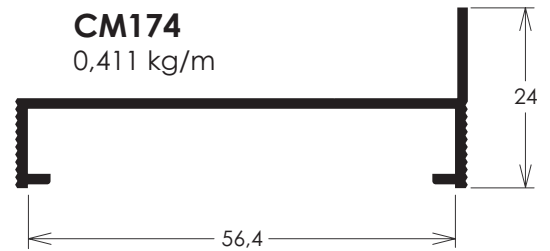
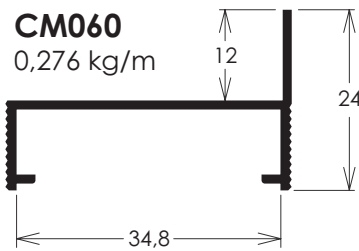
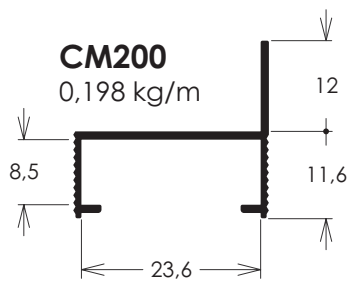
Dimensão máxima da folha = 900mm x 900mm,
limitada pela resistência dos perfis de folha

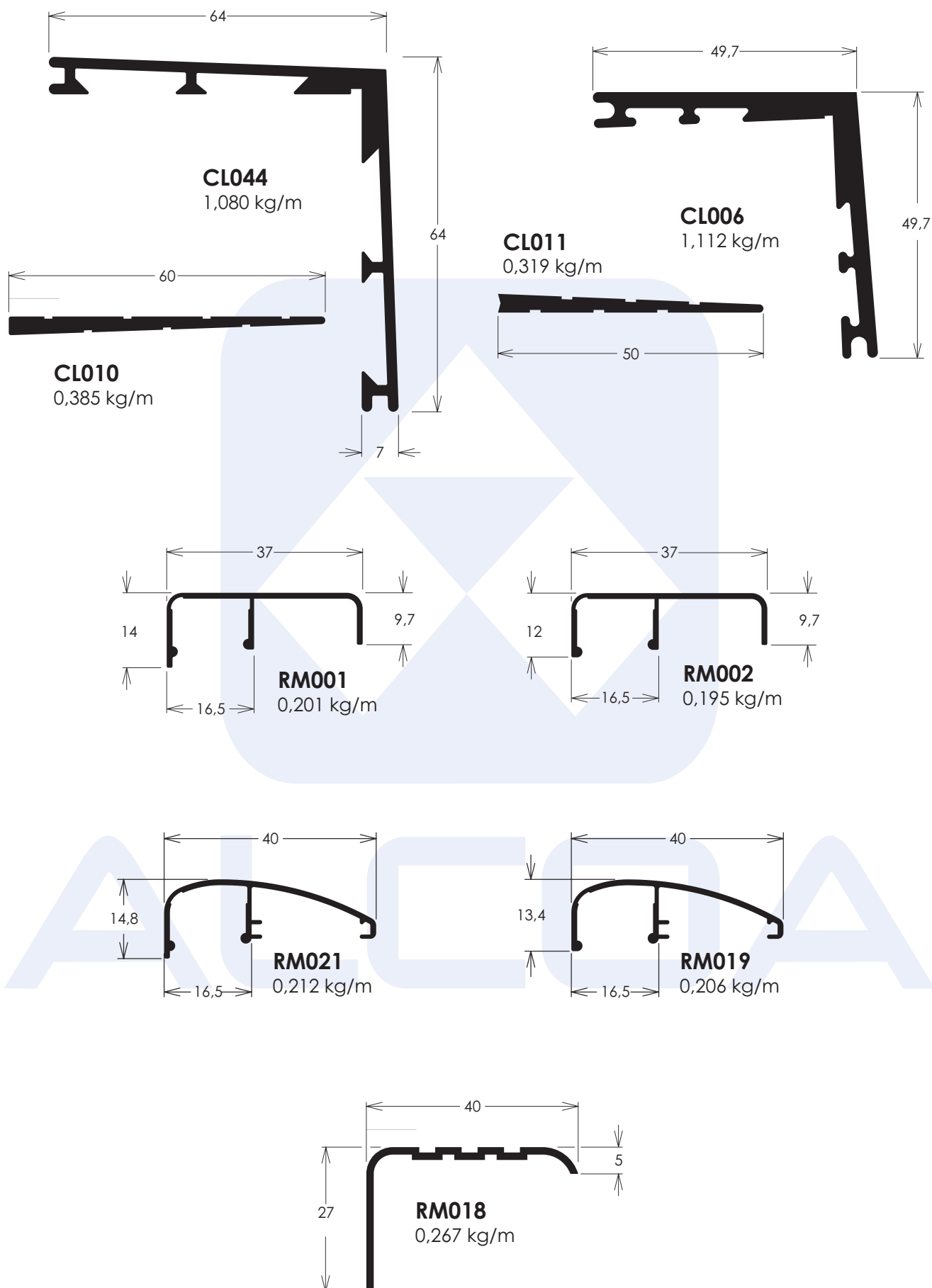


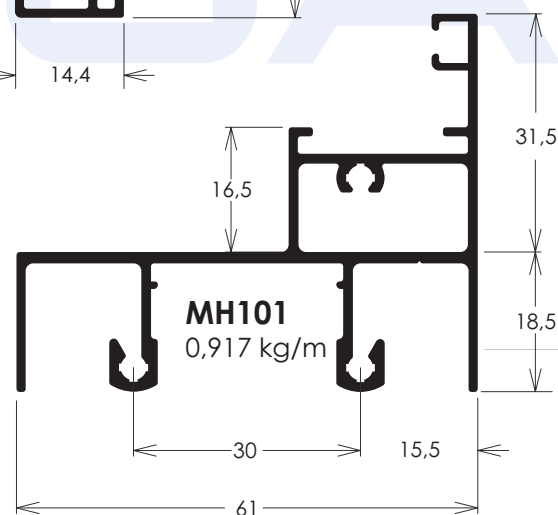
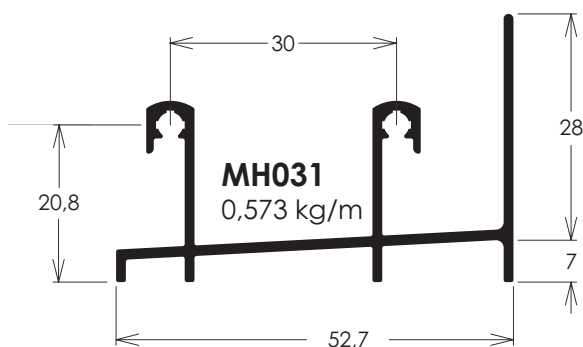
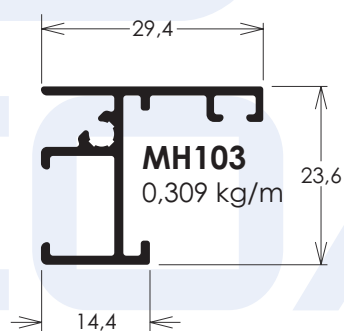
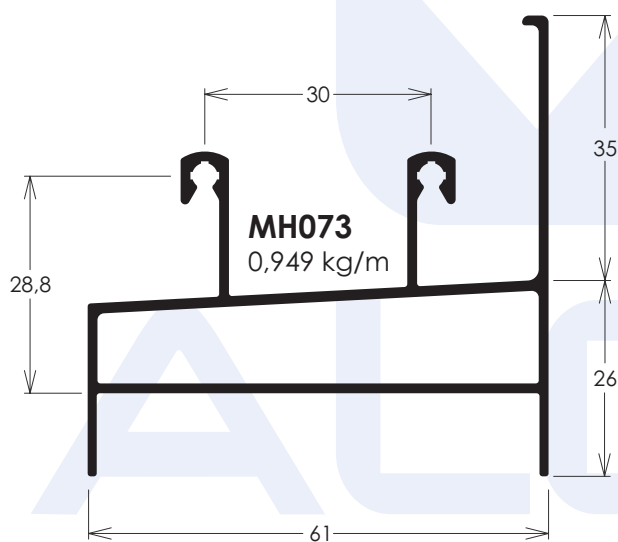
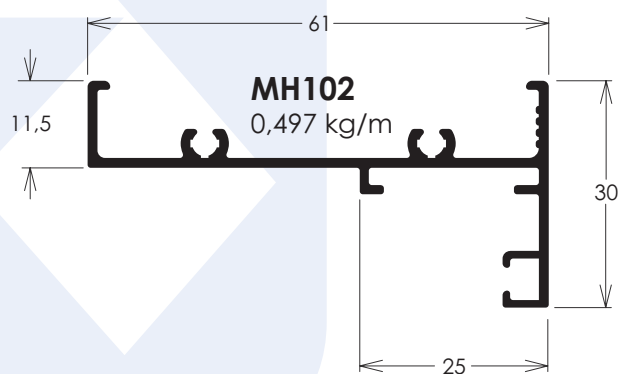
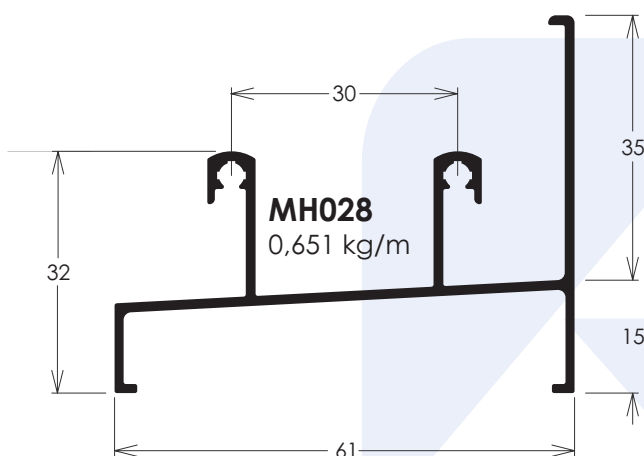
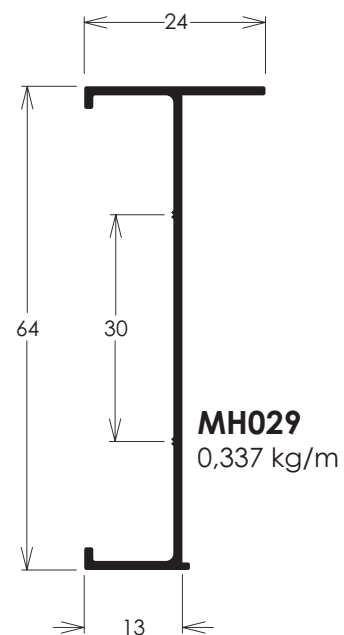
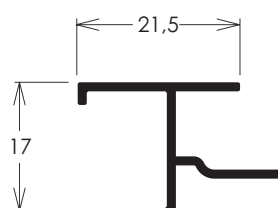
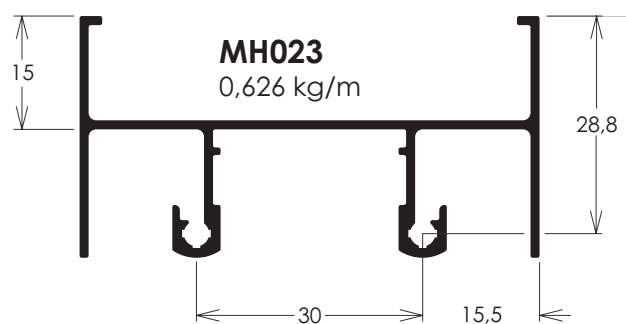
Área = 369 mm²
Jx = 50118 mm⁴
Wx = 2489 mm³

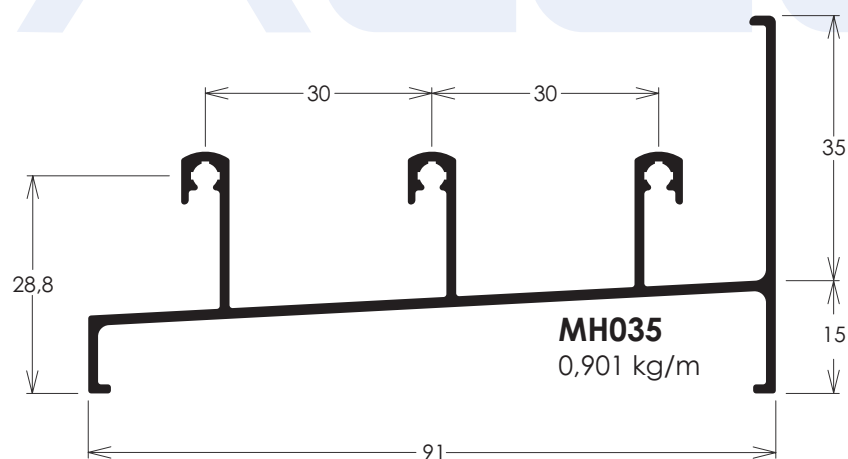
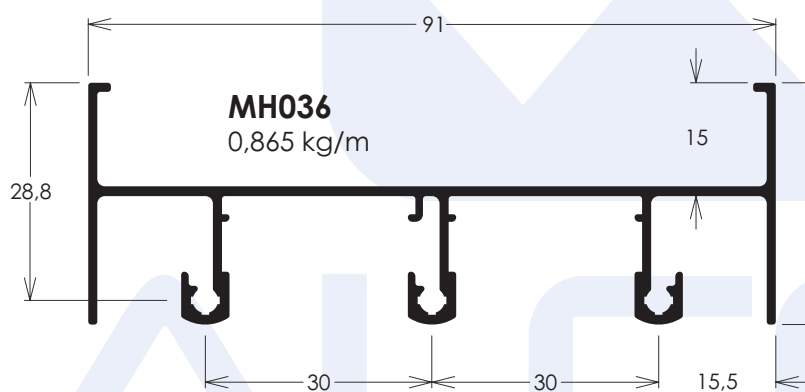
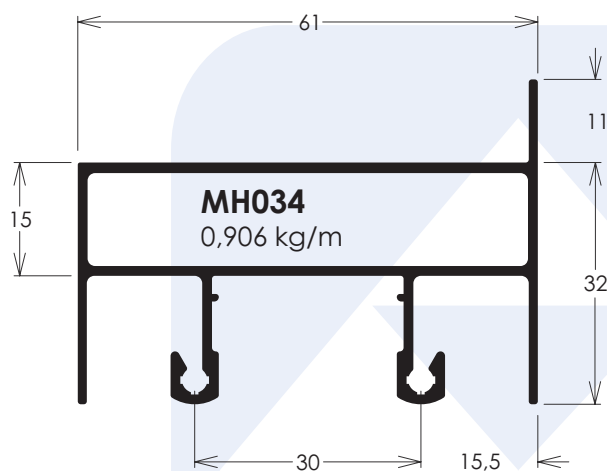
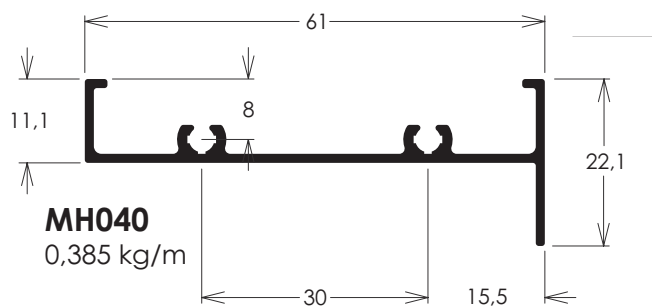
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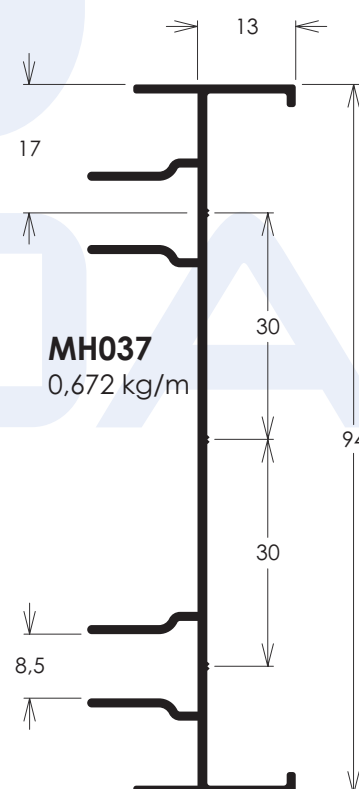
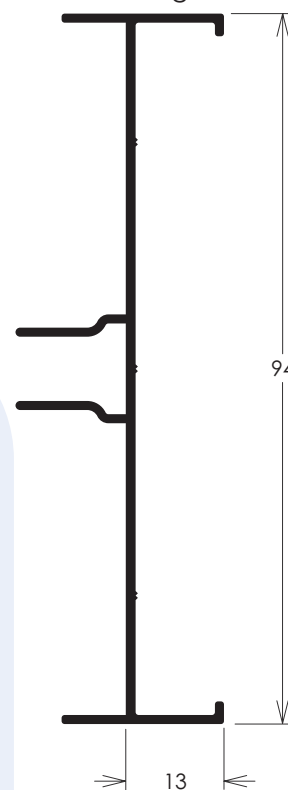


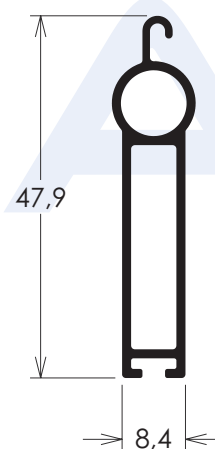
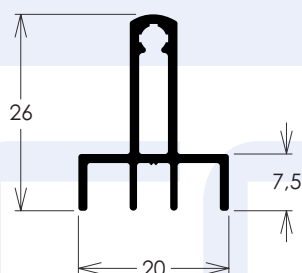
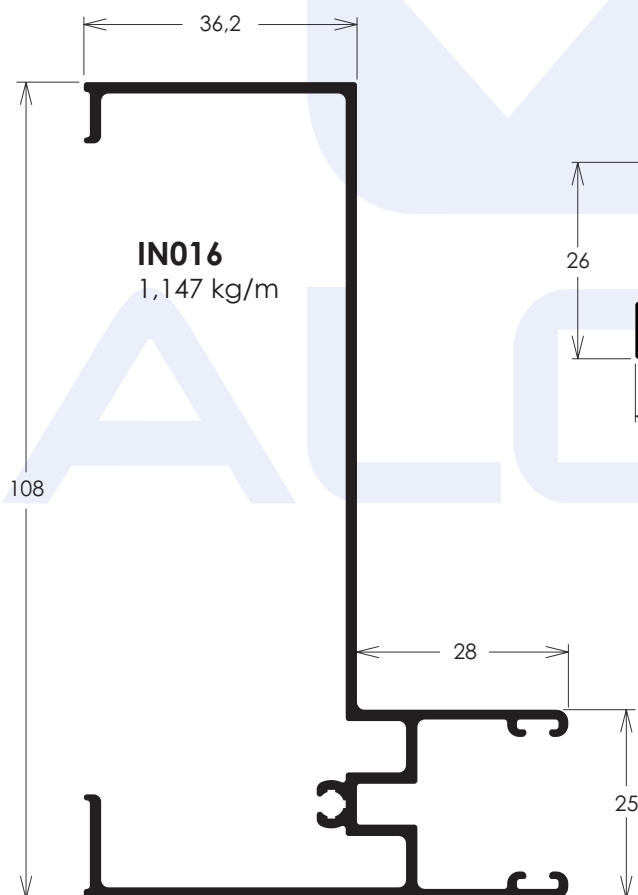
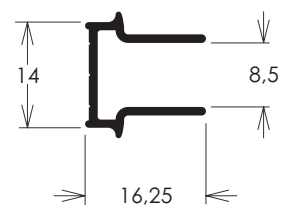
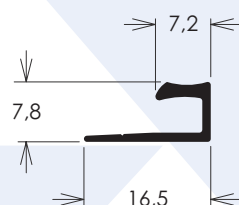
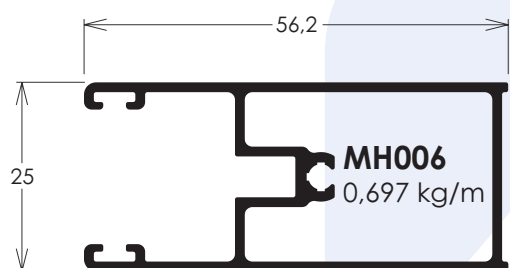
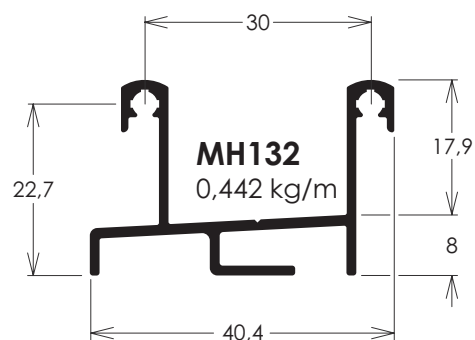
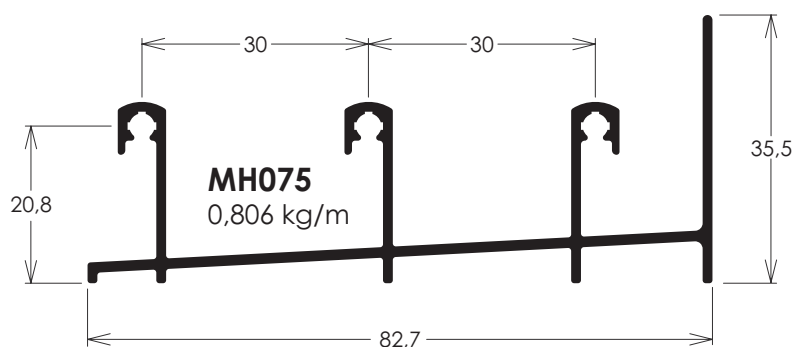


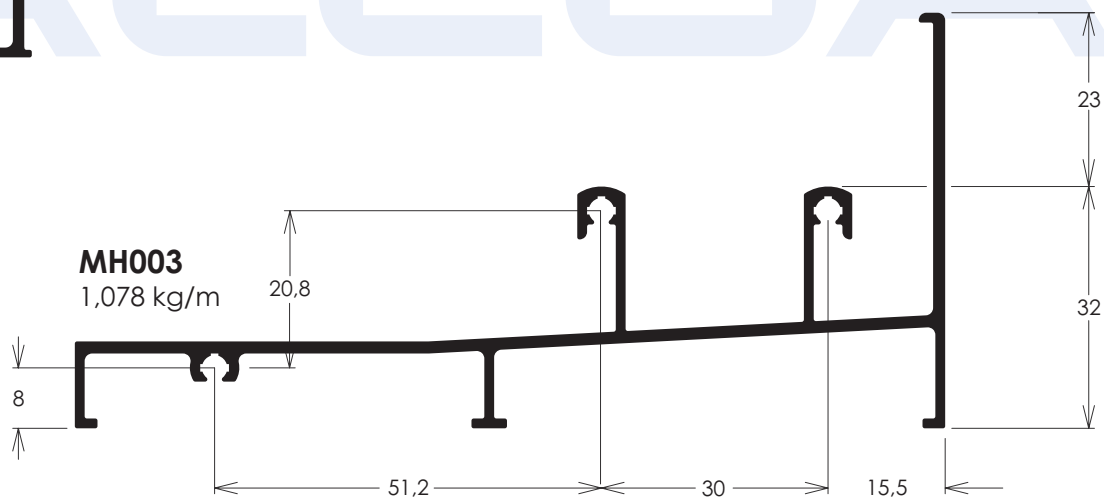
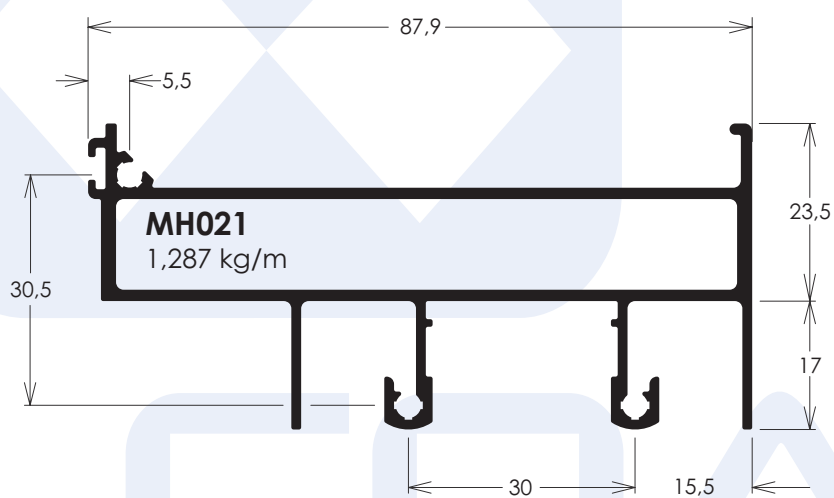
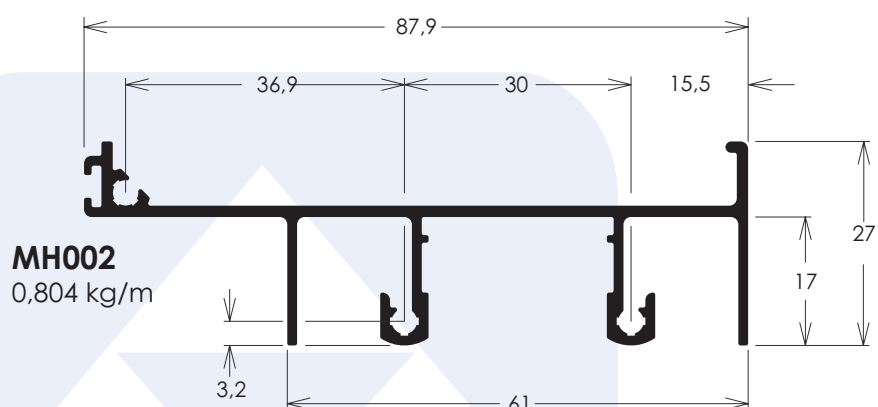
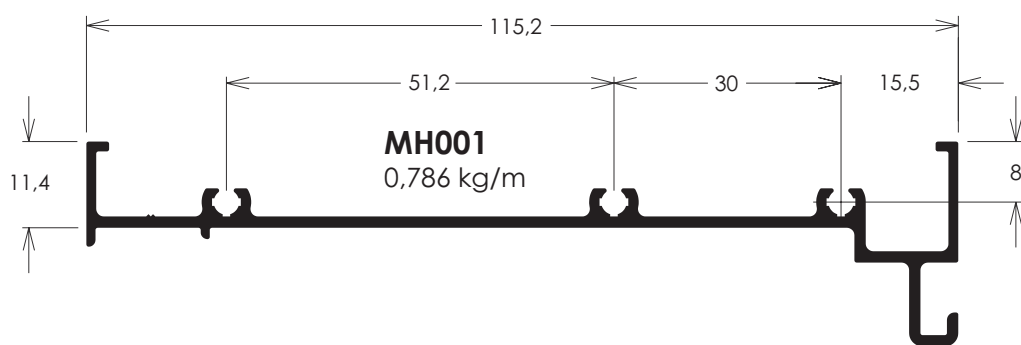


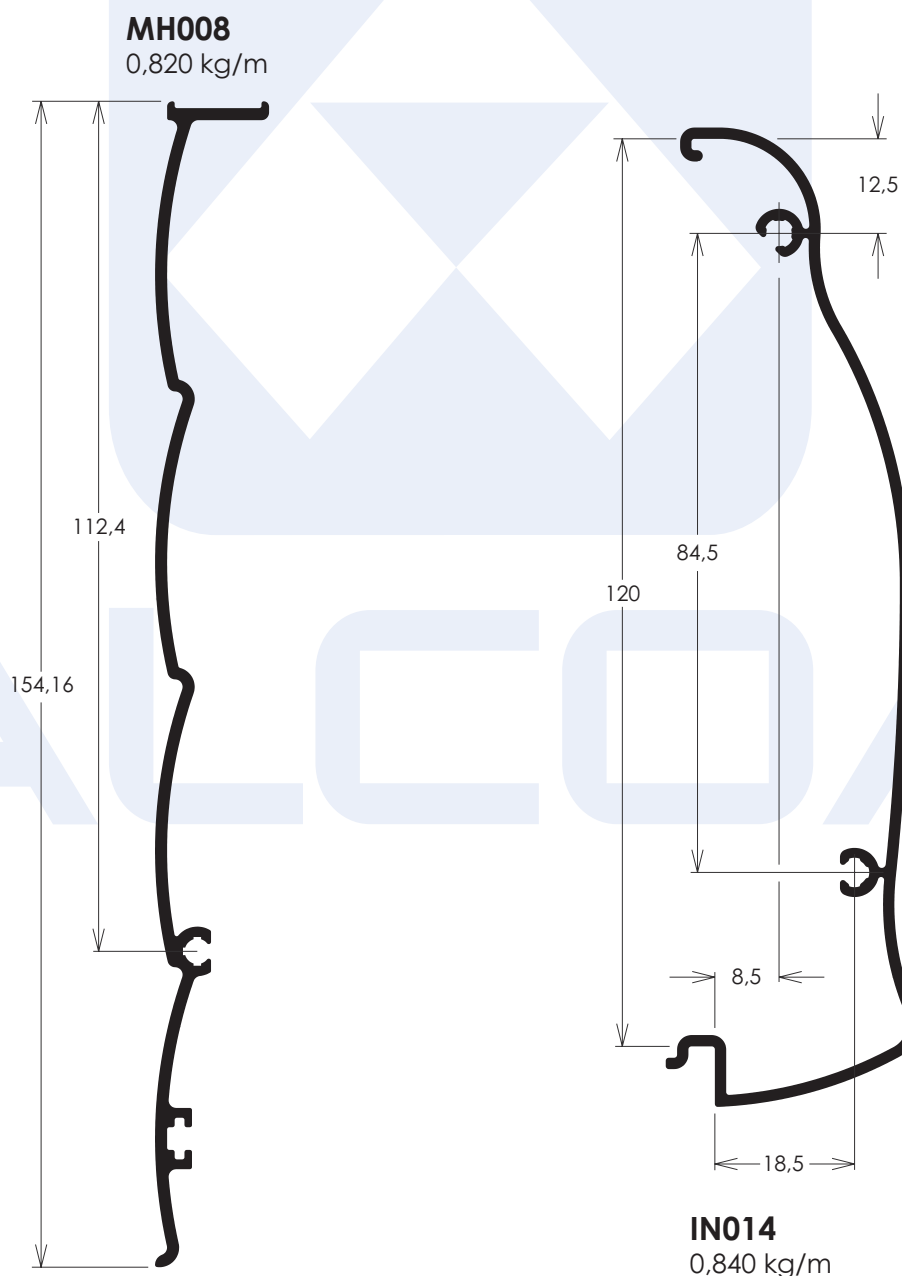
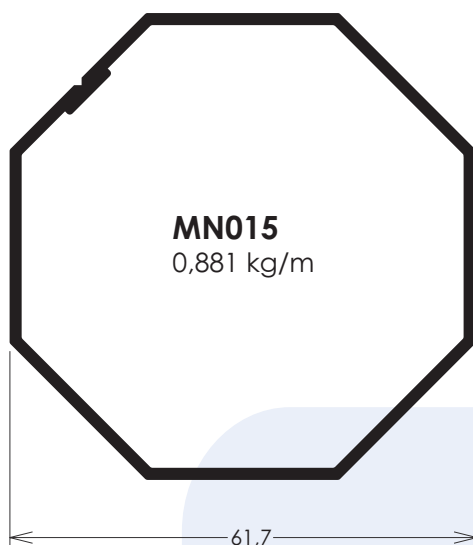


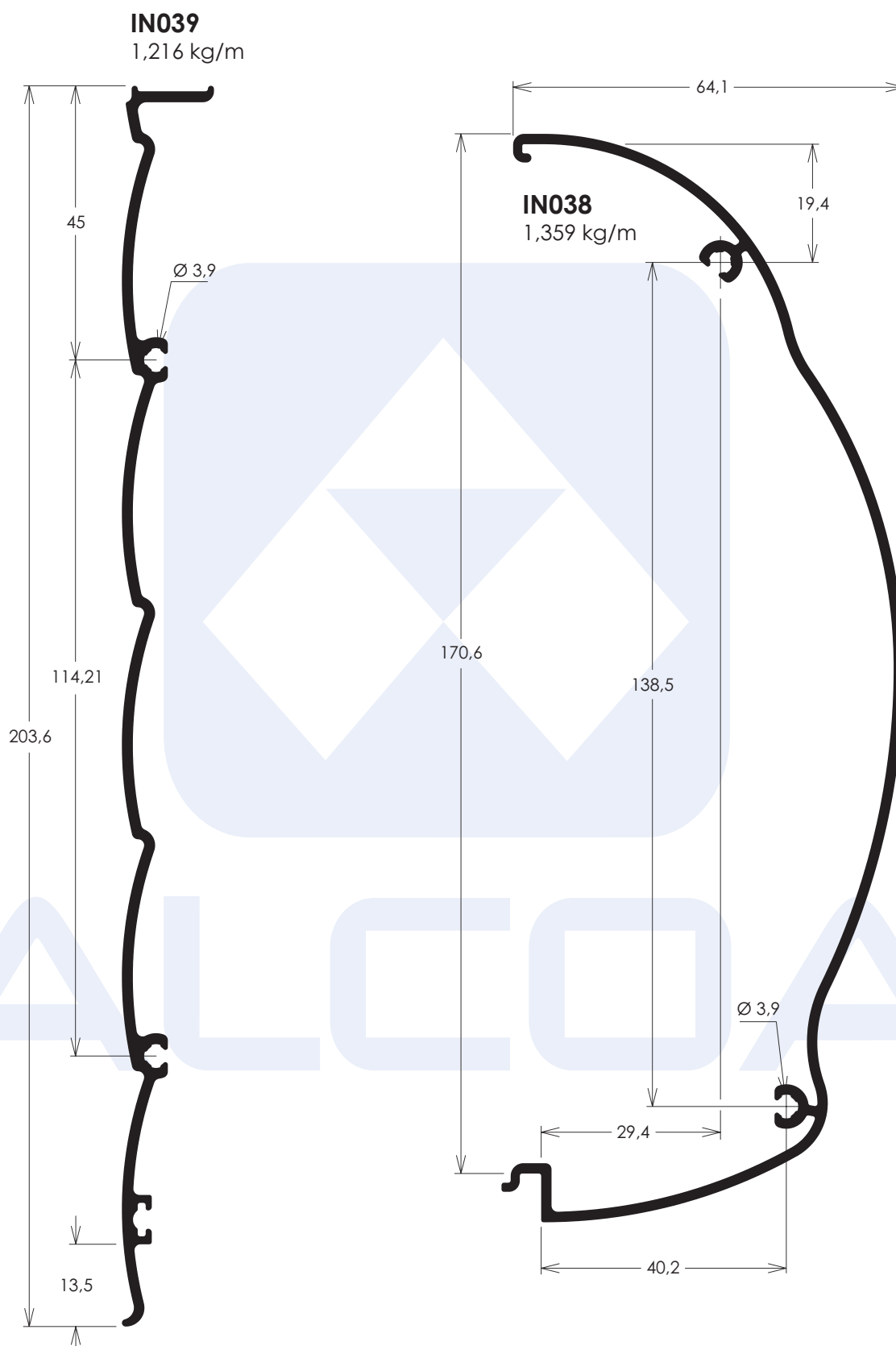
MH038
0,574 kg/m

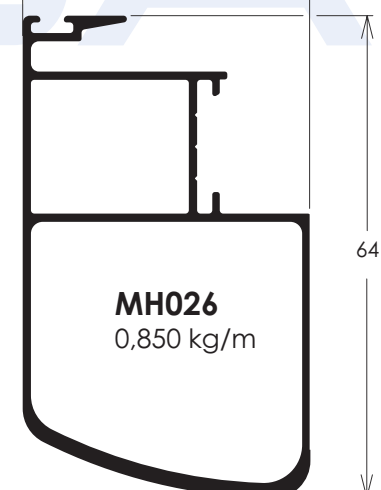
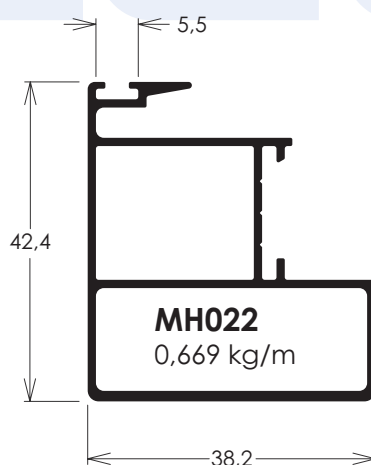
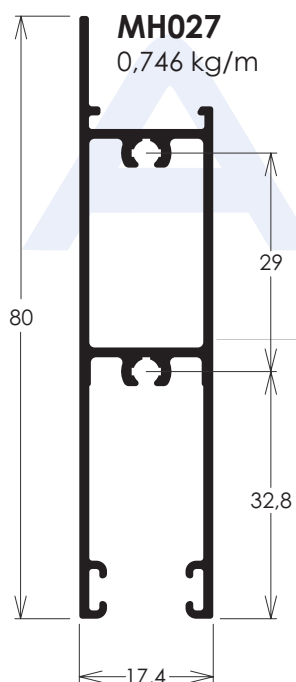
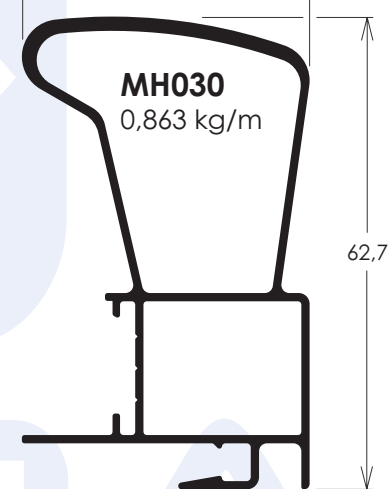
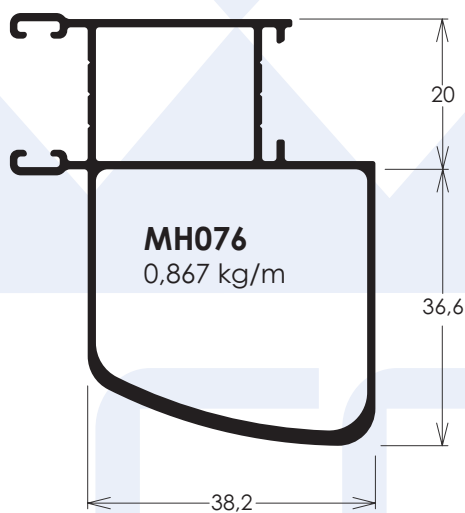
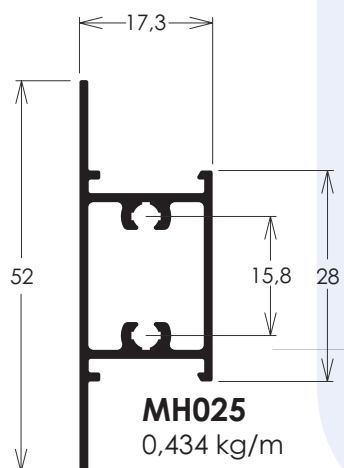
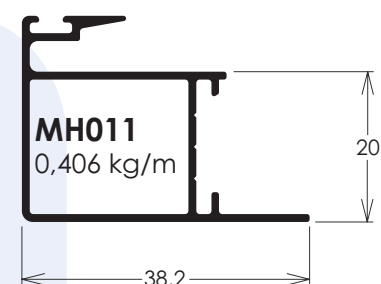
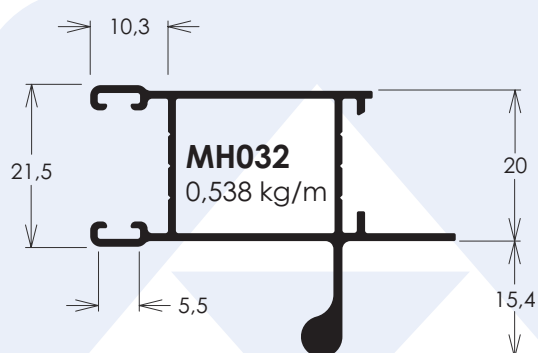
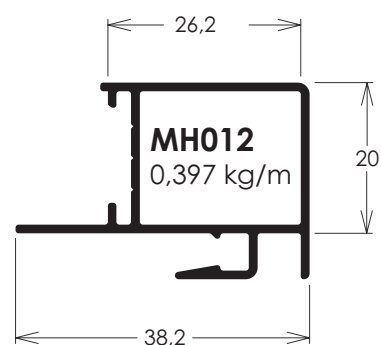
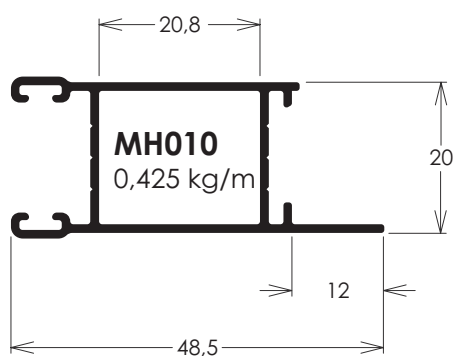
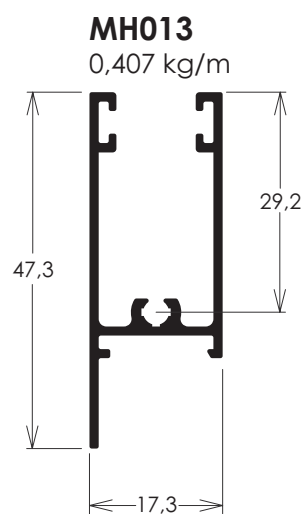


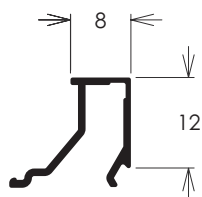




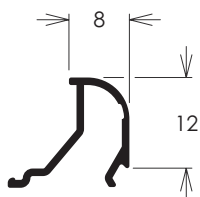




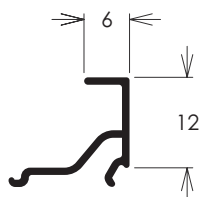




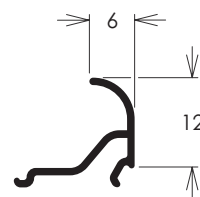
MH014
0,114 kg/m



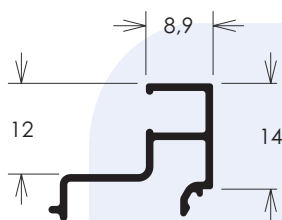
MH015
0,110 kg/m



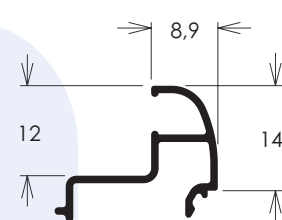
MH107
0,107 kg/m



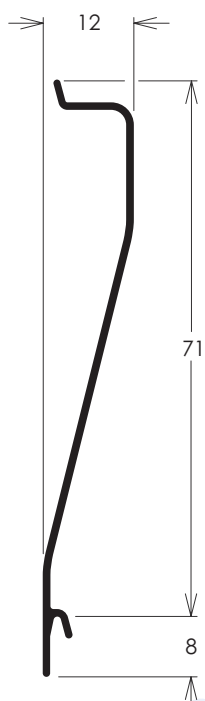
MH108
0,101 kg/m



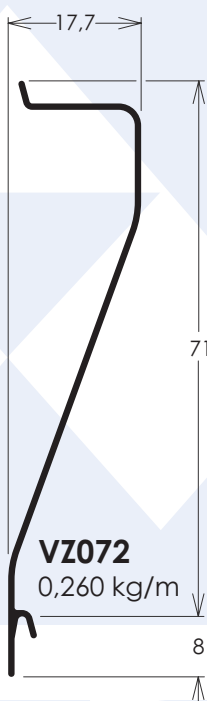
MH106
0,163 kg/m



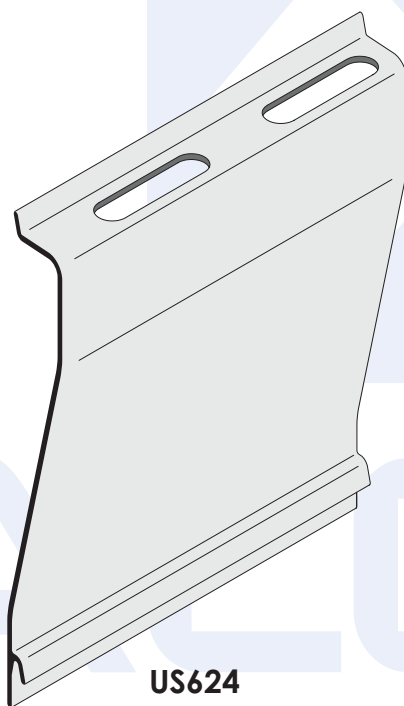
MH125
0,154 kg/m



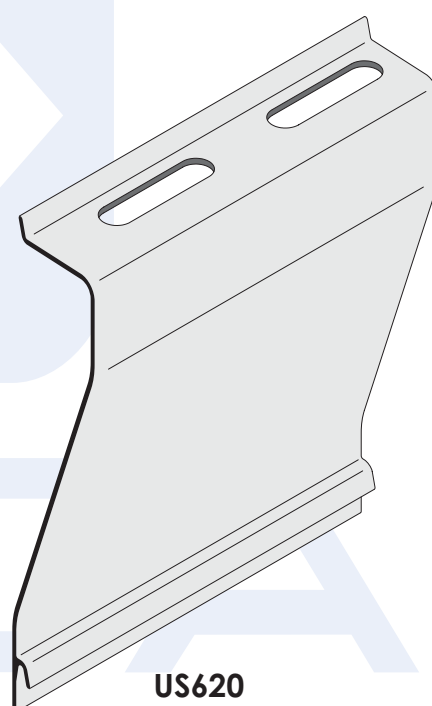
MH087
0,253 kg/m



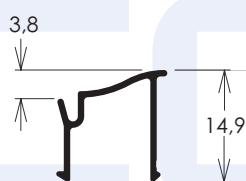
VZ072
0,260 kg/m



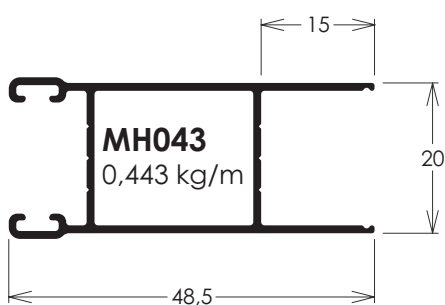
US624
0,253 kg/m



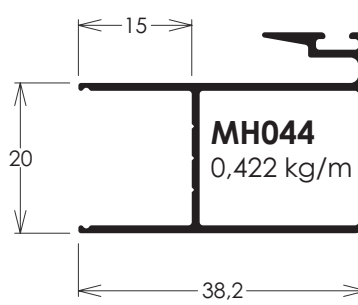
US620
0,260 kg/m



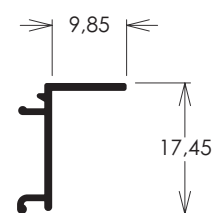
MH039
0,111 kg/m



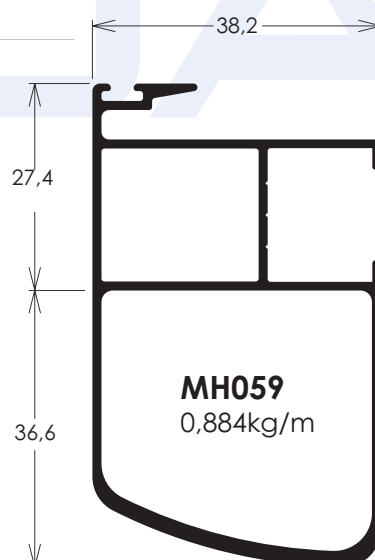
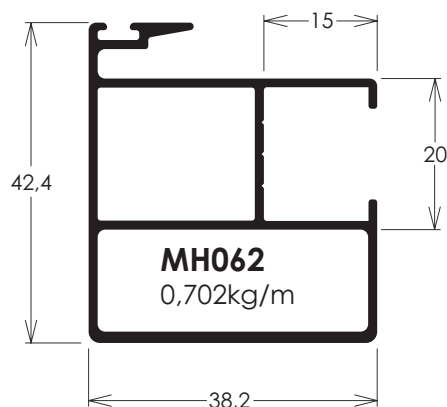
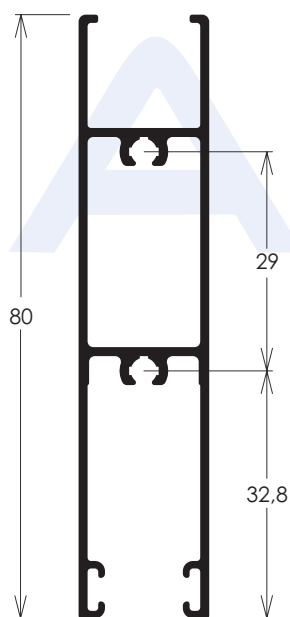
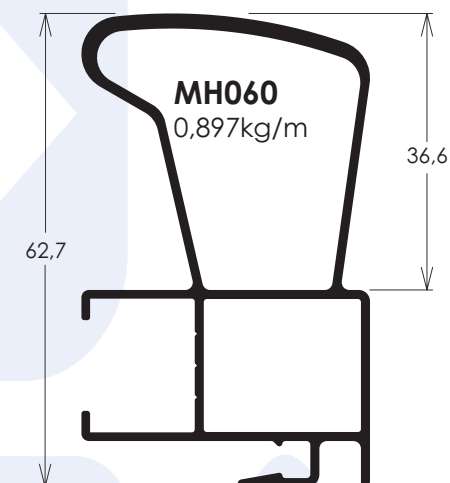
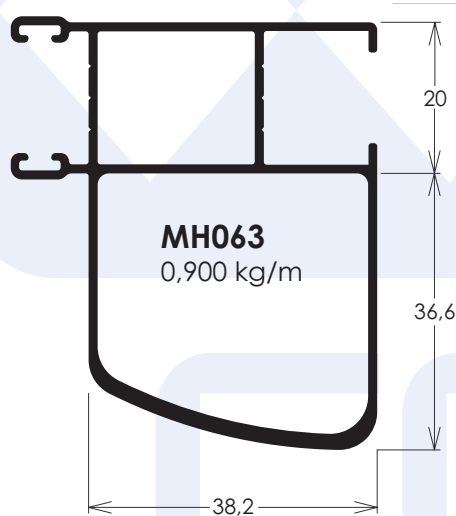
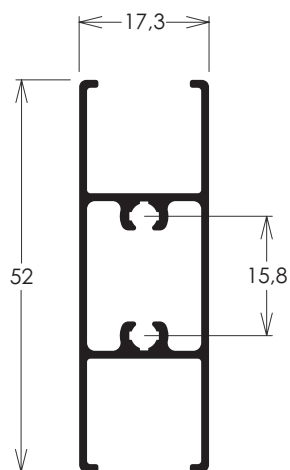
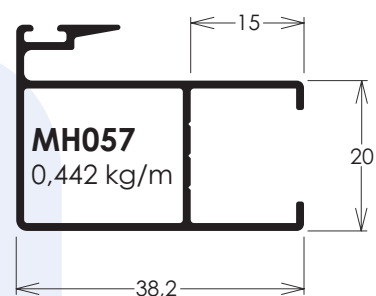
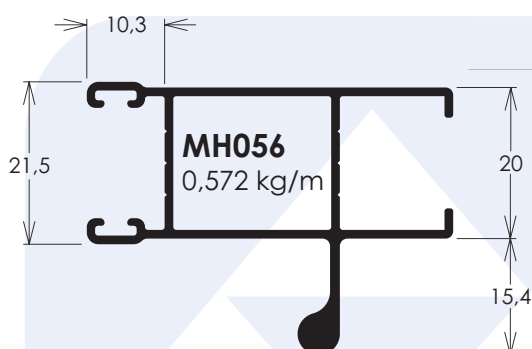
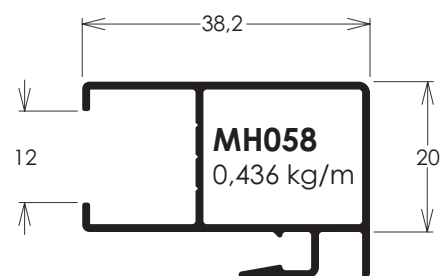
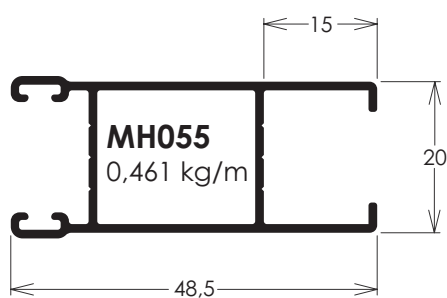
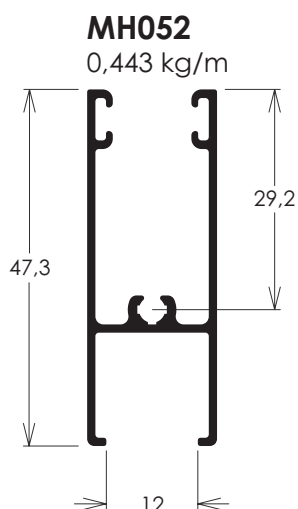
MH043
0,443 kg/m

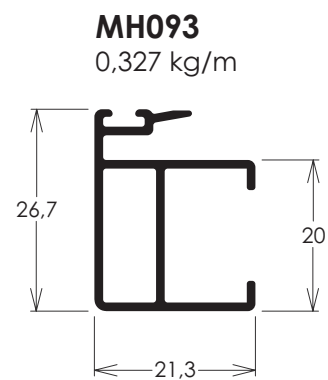
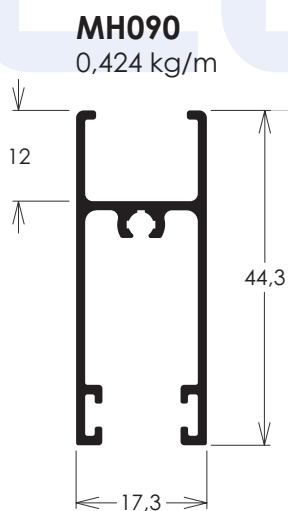
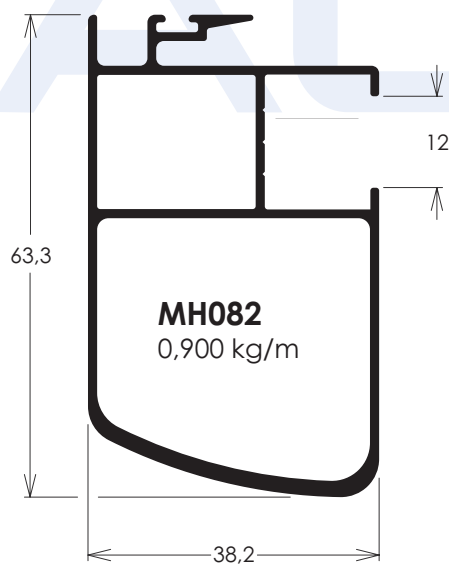
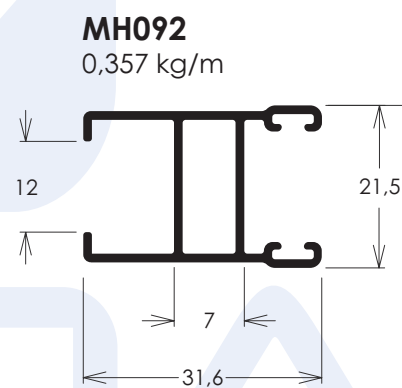
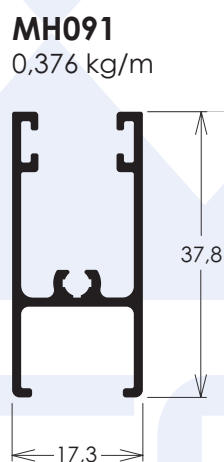
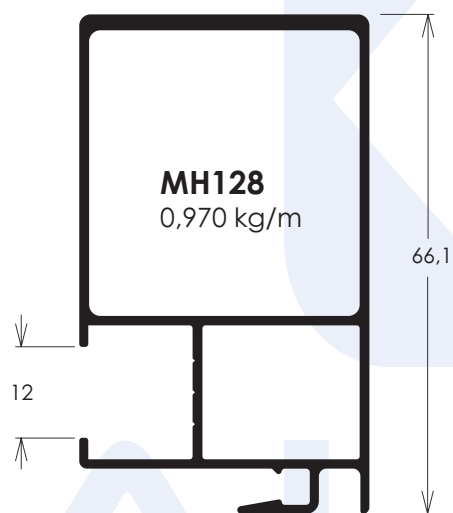
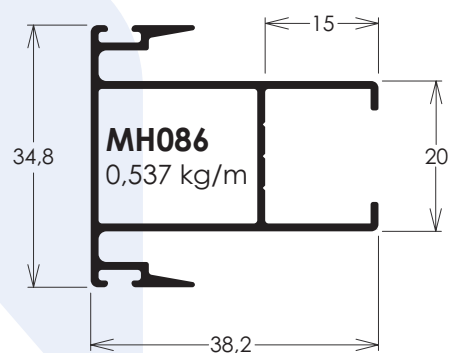
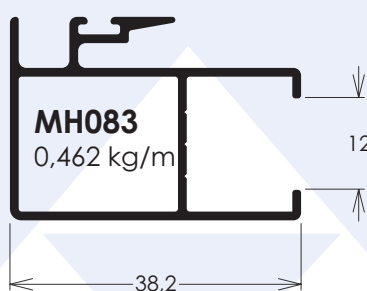
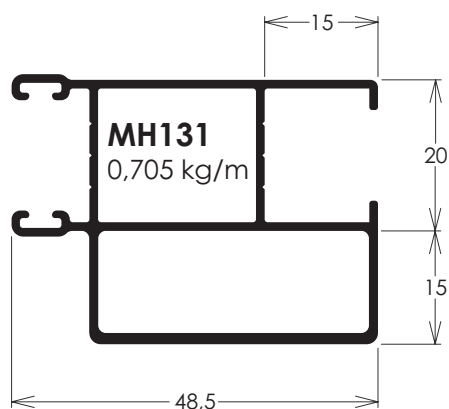
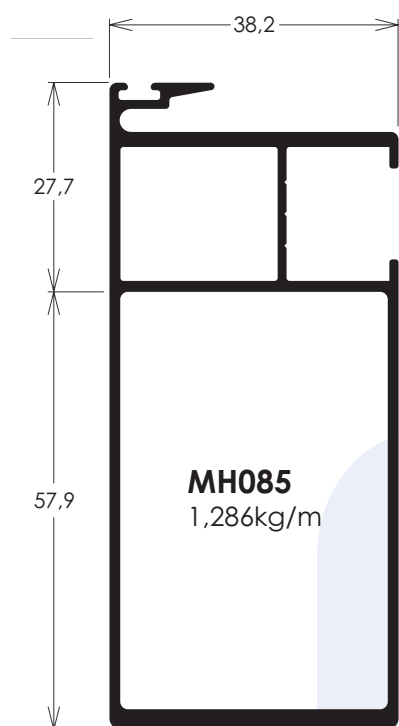


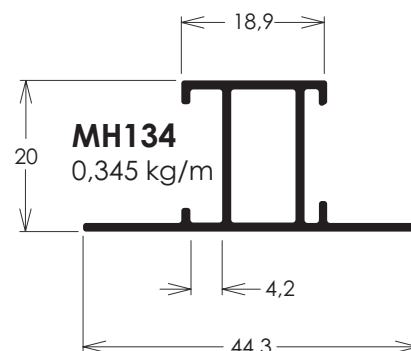
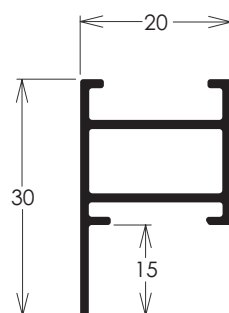
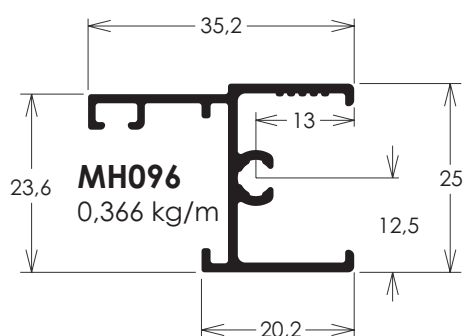
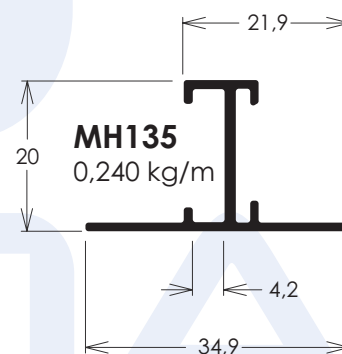
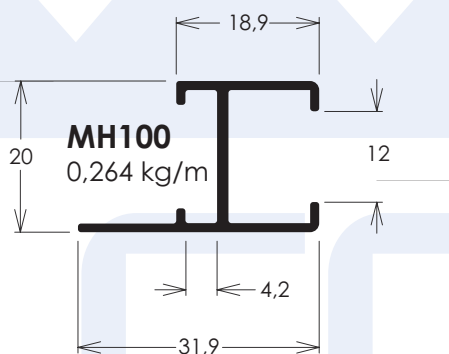
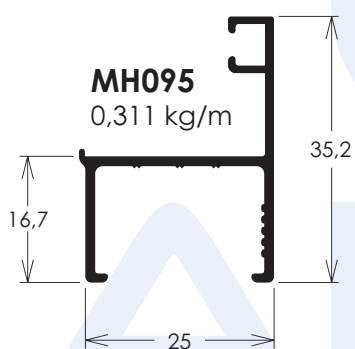
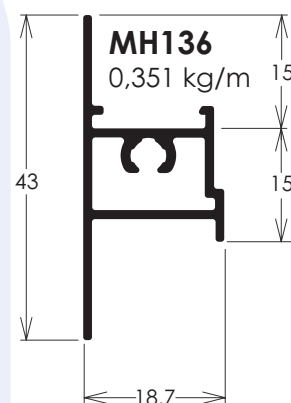
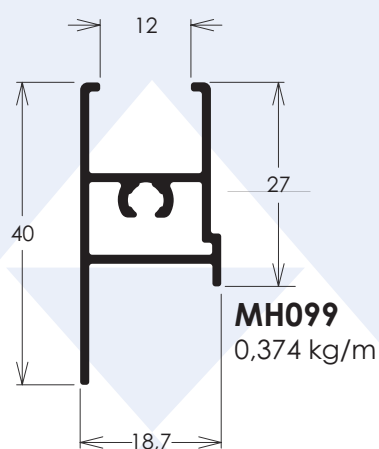
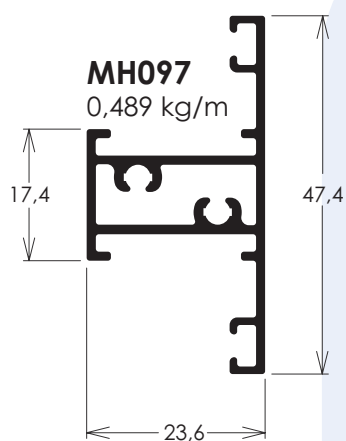
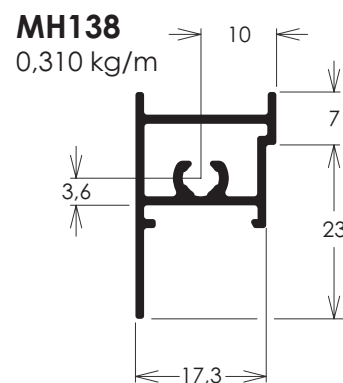
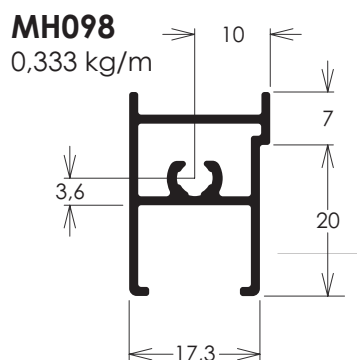
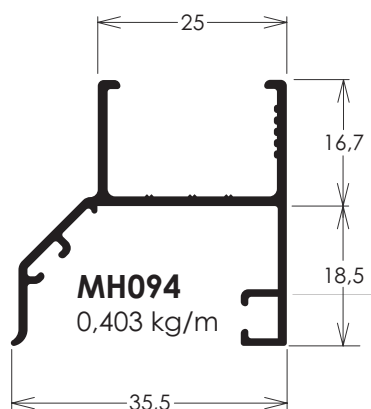
MH044
0,422 kg/m

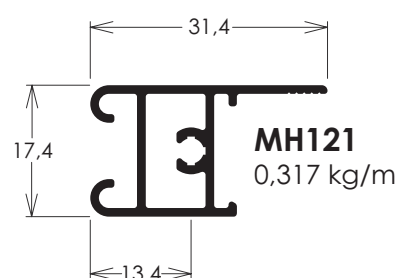
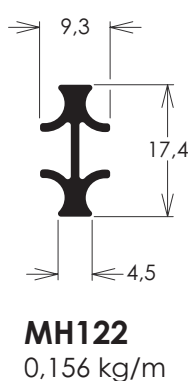
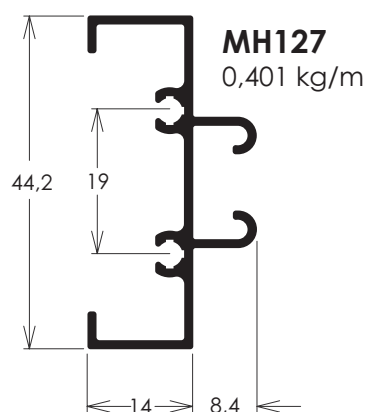
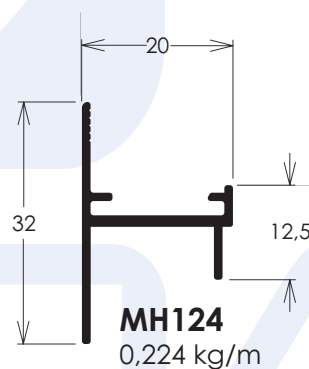
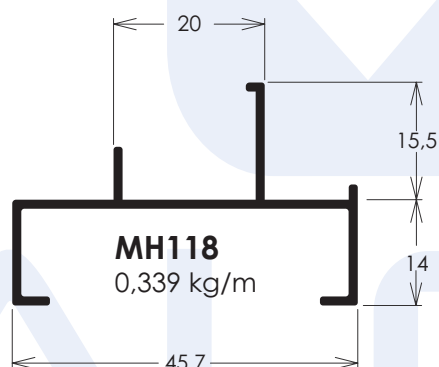
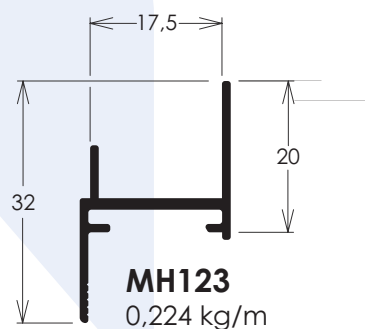
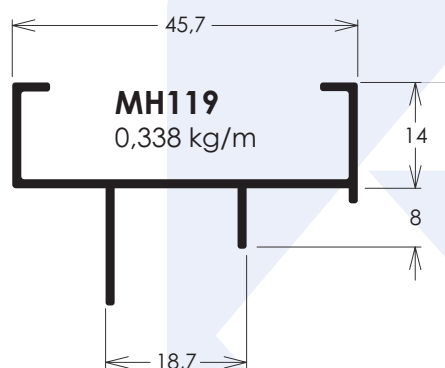
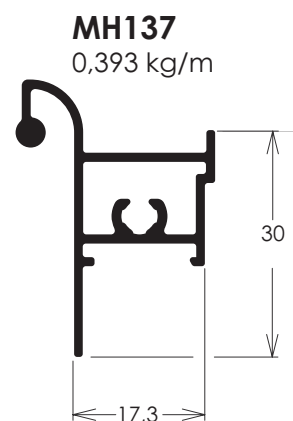
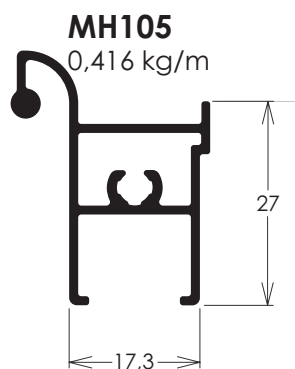
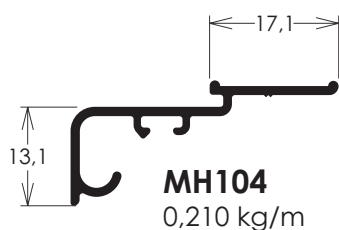


MH041
0,109 kg/m



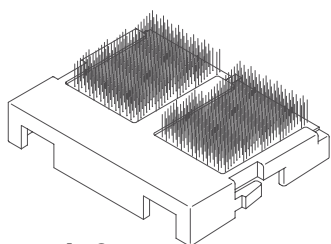




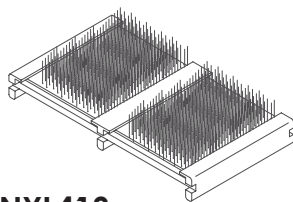


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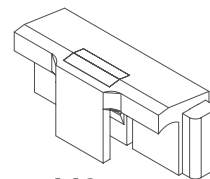
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**NYL412**

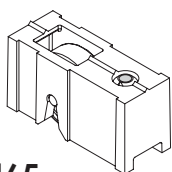
Caixa de Dreno
Nylon Preto ou Branco

**NYL413**

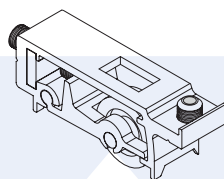
Vedação Superior
Nylon Preto ou Branco

**NYL442**

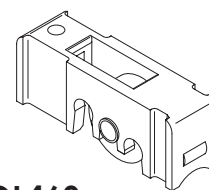
Batedeira
Nylon Preto ou Branco

**ROL465**

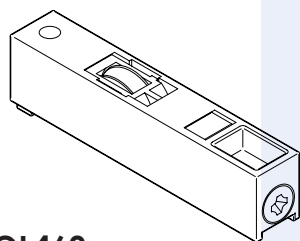
Roldana sem Regulagem
Janela
Capacidade: 15 kg/folha
Nylon Preto

**ROL458**

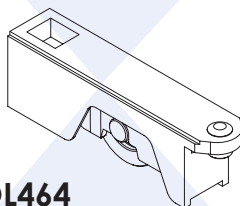
Roldana com Regulagem,
sem Rolamento - Janela.
Capacidade: 15 kg/folha
Alumínio Natural

**ROL469**

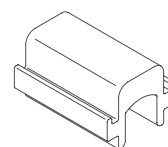
Roldana com Regulagem,
sem Rolamento - Janela.
Capacidade: 15 kg/folha
Alumínio Natural

**ROL460**

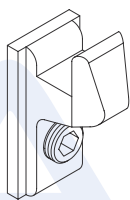
Roldana com Reg. e Rolam.
Janela
Capacidade: 40 kg/folha
Nylon

**ROL464**

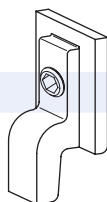
Roldana com Reg. e Rolam.
Porta
Capacidade: 40 kg/folha
Nylon

**NYL443**

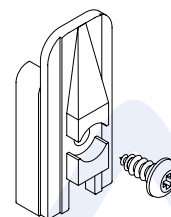
Calço da Folha Fixa
Nylon Preto

**CON370**

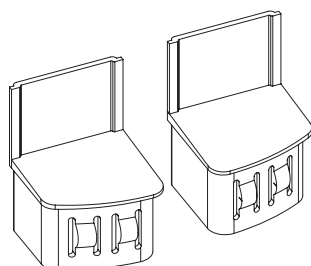
Contrafecho - Janela e Porta
Zamak Preto ou Branco

**CON452**

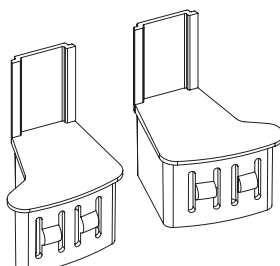
Trava da Folha Fixa
Alumínio Natural

**NYL450**

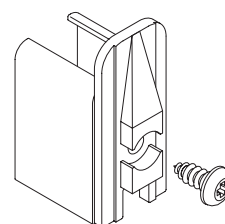
Guia Deslizante
Nylon Preto ou Branco

**NYL441**

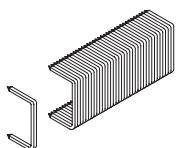
Tampa do Montante MH026
Nylon Preto ou Branco

**NYL440**

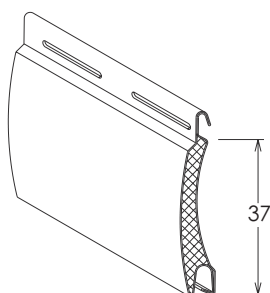
Tampa do Montante MH030
Nylon Preto ou Branco

**NYL444**

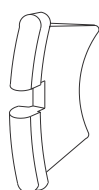
Guia Deslizante
com Vedação
Nylon Preto ou Branco



GRA001
Fixador das tampas
13mm x 8mm
Aço Inox



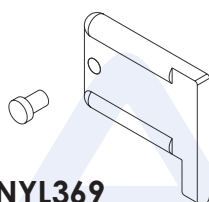
NYL370
Guia da Persiana
Nylon Preto ou Branco



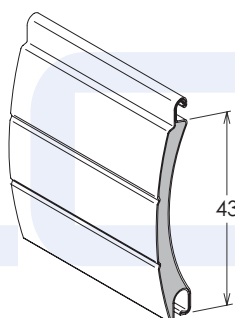
NYL375
Tampa da Persiana
Nylon Preto



NYL447
Tampa da Persiana
Grampeada
Nylon Preto



NYL369
Guia e Limitador
Nylon Branco ou Preto



NYL468
Tampa da Caixa
Porta Integrada
Nylon Branco ou Preto



NYL477
Tampa da Persiana
VZP042 / VZC122
Nylon Preto

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

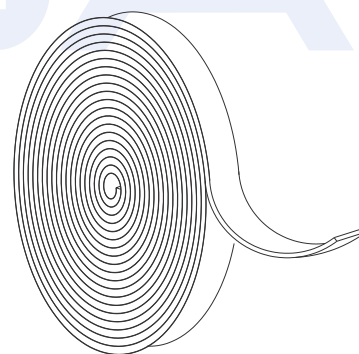
Persiana Nacional / Barras com 6000 mm

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

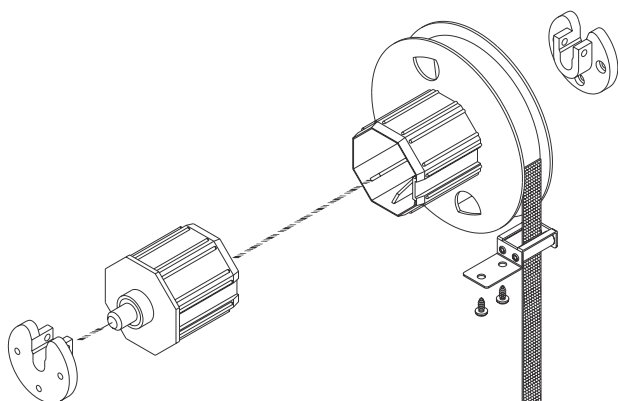
Persiana Importada / Barras com 5800 mm

	Com Ventilação	Sem Ventilação
Branco	VZP0420BCO	VZC1220BCO
Preto	VZP0420PTO	VZC1220PTO
Bronze 1003	VZP0420BRZ	VZC1220BRZ
Fosco	VZP0420FCO	VZC1220FCO

Persiana Nacional / Barras com 6000 mm

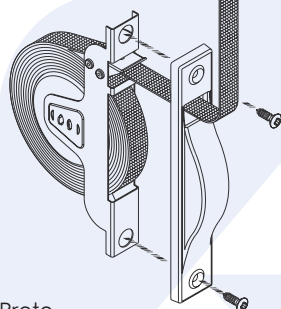


FIT247
Fita de Ligação
da Persiana
Nylon Preto



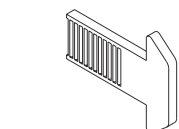
REC011

Recolhedor
Capacidade: 13 kg
Espelho em Alumínio Branco ou Preto



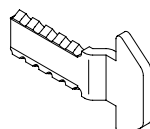
REC013

Recolhedor
Capacidade: 18 kg
Espelho em Alumínio Branco ou Preto



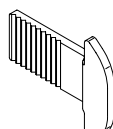
TRA005

Trava para fecho
Aço Inox



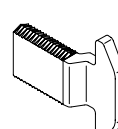
TRA006

Trava para fecho
Aço Inox



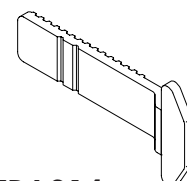
TRA007

Trava para fecho
Aço Inox



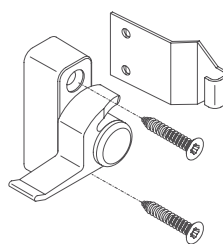
TRA013

Trava para fecho
Aço Inox



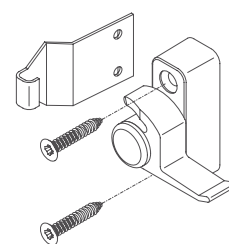
TRA014

Trava para fecho
Aço Inox



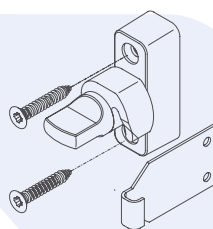
FEC475

Fecho Apito
Direito
Alumínio Branco ou Preto



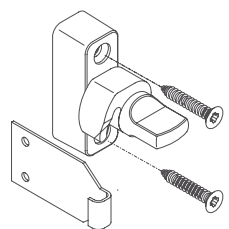
FEC474

Fecho Apito
Esquerdo
Alumínio Branco ou Preto



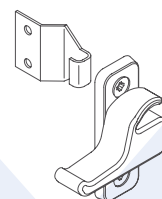
FEC477

Fecho Caracol
Direito
Alumínio Branco ou Preto



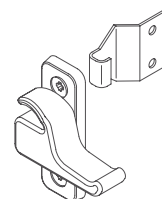
FEC476

Fecho Caracol
Esquerdo
Alumínio Branco ou Preto



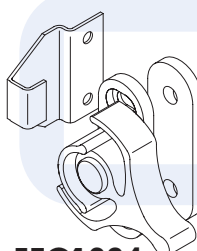
FEC1011

Fecho Central
Direito
Alumínio Branco ou Preto



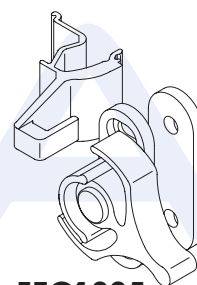
FEC1010

Fecho Central
Esquerdo
Alumínio Branco ou Preto



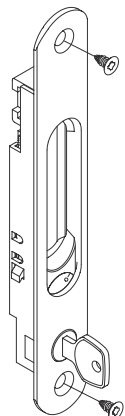
FEC1024

Fecho Central
Sem bagueete
Alumínio Preto



FEC1025

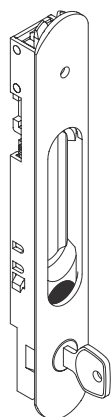
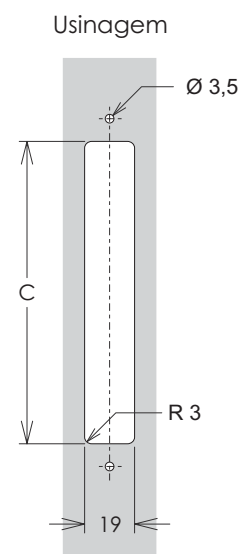
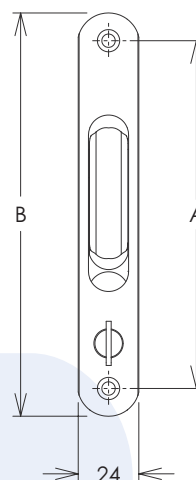
Fecho Central
Com bagueete
Alumínio Preto



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

Alumínio Branco ou Preto

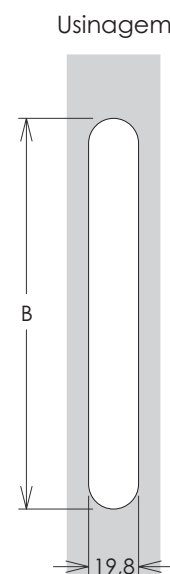
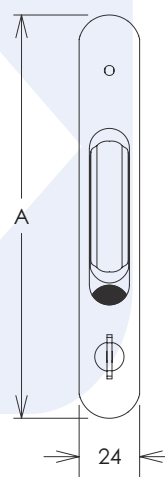
Medidas das usinagens	Janelas	Portas
A	138	170
B	160	192
C	120	120



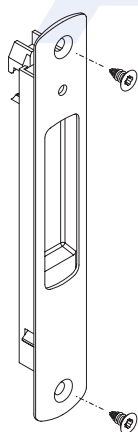
	Janelas	Portas
Fecho Concha	FEC1032	FEC1034
Concha com Chave	FEC1031	FEC1033
Concha Cega	CON446	CON447

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 TRA005

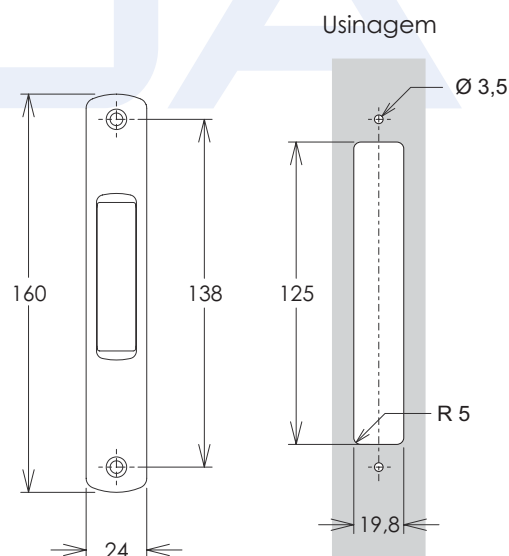


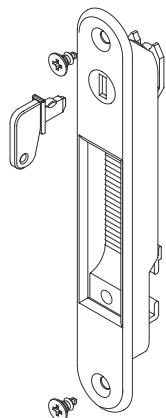
FEC1026

Fecho Concha
Alumínio Branco ou Preto
(Utiliza lingüeta TRA006)

CON443

Concha Cega
Alumínio Branco ou Preto

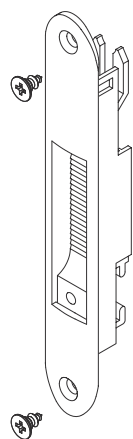
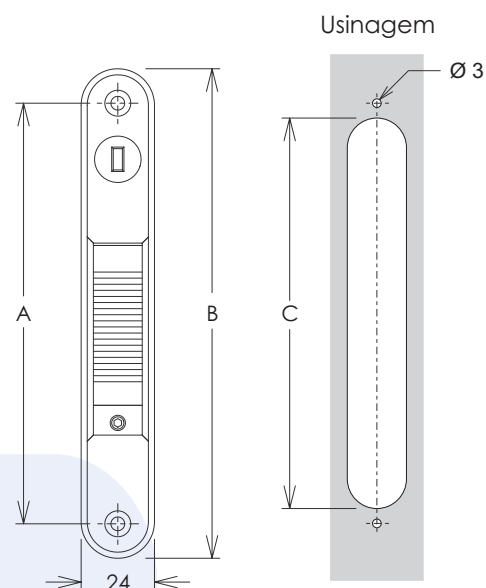




	Janelas	Portas
Fecho Concha com Chave	FEC1043	FEC1047
Fecho Concha	FEC1045	FEC1049
Concha Cega	CON450	CON451

Alumínio Branco ou Preto

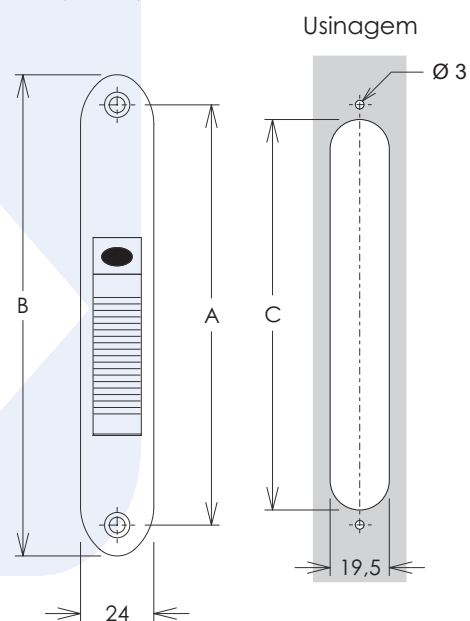
Medidas das usinagens	Janelas	Portas
A	138	170
B	161	192
C	125	158



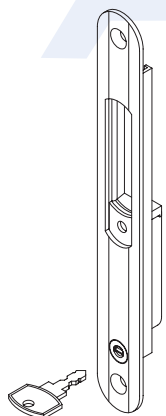
	Janelas	Portas
Fecho Autom. Com Chave	FEC1036	FEC1040
Fecho Concha Automático	FEC1038	FEC1042
Concha Cega	CON448	CON449

Alumínio Branco ou Preto

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



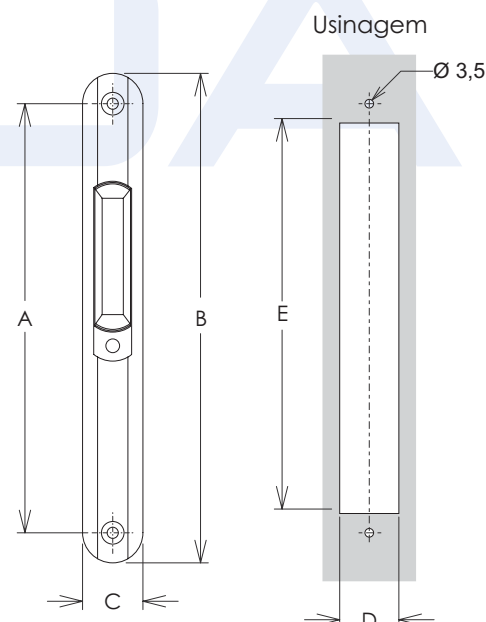
Obs.: Todos os fechos e conchas com chave acima, utilizam lingüeta TRA007

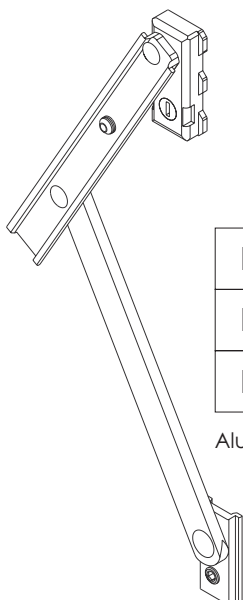


	Janelas	Portas
Fecho Concha com Chave	FEC1064	FEC1063
Fecho Concha	FEC1061	FEC1062
Concha Cega	CON280	FEC1013
Lingüeta	TRA014	TRA013

Alumínio Branco ou Preto

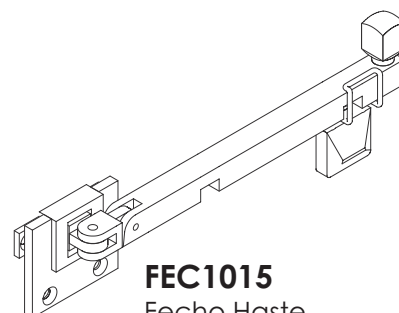
Medidas das usinagens	Janelas	Portas
A	138	170
B	153	194
C	26	24
D	20,5	20
E	120	142



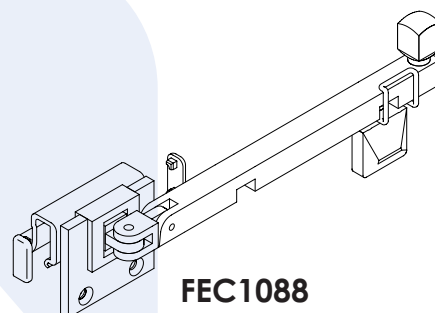


	Dimensão	Altura da Folha	Carga Máxima
BRA783	180	Min: 200 Max: 300	4,2 kg
BRA775	250	Min: 270 Max: 430	6 kg
BRA776	400	Min: 420 Max: 610	8 kg

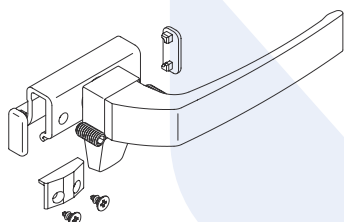
Alumínio Natural



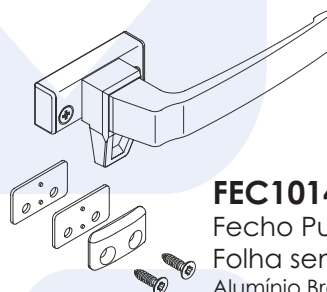
FEC1015
Fecho Haste
Folha sem Baguele
Alumínio Branco ou Preto



FEC1088
Fecho Haste
Folha com Baguele
Alumínio Branco ou Preto

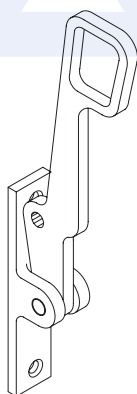


FEC1087
Fecho Punho
Folha com Baguele
Alumínio Branco ou Preto

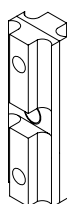


FEC1014
Fecho Punho
Folha sem Baguele
Alumínio Branco ou Preto

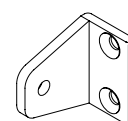
Consulte outros modelos na Rede Alumínio & Cia



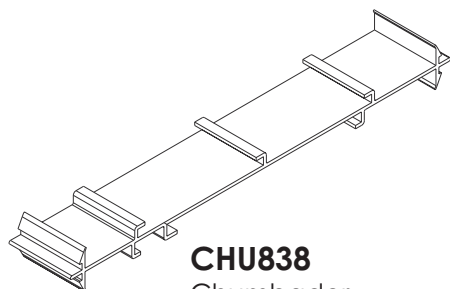
ALA057
Alavanca com cavalete
Janela basculante
Alumínio Branco ou Preto



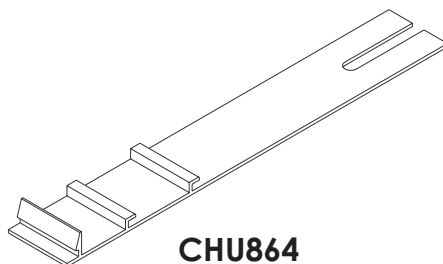
PIV758
Pivô macho-e-fêmea
Janela Basculante
Nylon Branco ou Preto



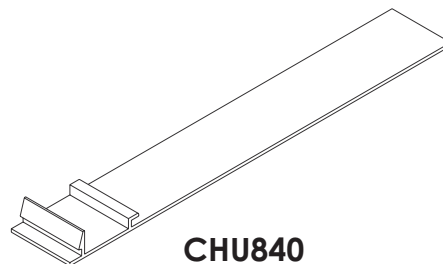
CON456
Conector com parafuso
Basculante
Nylon Branco ou Preto

**CHU838**

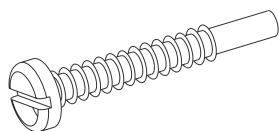
Chumbador
Alumínio Natural
(CM093)

**CHU864**

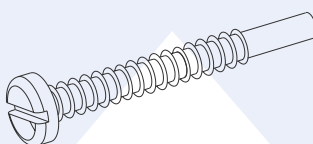
Chumbador
Alumínio Natural
(CM175)

**CHU840**

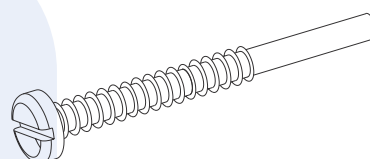
Chumbador
Alumínio Natural
(CM099)

**PAR436**

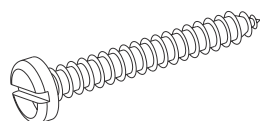
Parafuso AA Ø 3,9 x 28mm
Aço Inox

**PAR428**

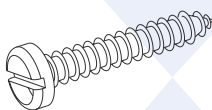
Parafuso AA Ø 4,8 x 32mm
Aço Inox

**PAR431**

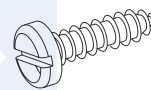
Parafuso AA Ø 4,8 x 50mm
Aço Inox

**PAR694**

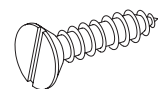
Parafuso AA Ø 4,2 x 32mm
Aço Inox

**PAR693**

Parafuso AA Ø 4,2 x 25mm
Aço Inox

**PAR936**

Parafuso AA Ø 4,2 x 16mm
Aço Inox

**PAR720**

Parafuso AA Ø 4,2 x 16mm
Aço Inox

**PAR437**

Parafuso AA Ø 3,5 x 9,5mm
Aço Inox

**PAR703**

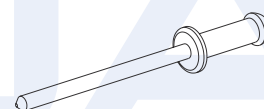
Parafuso AA Ø 3,5 x 9,5mm
Aço Inox Preto

**PAR434**

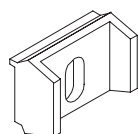
Parafuso AA Ø 3,9 x 9,5mm
Aço Inox

**PAR704**

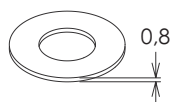
Parafuso AA Ø 3,9 x 6,5mm
Aço Inox Preto

**REB117**

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

**NYL190**

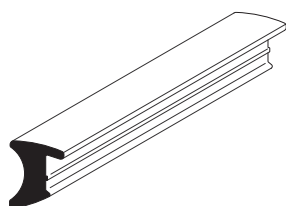
Fixação do Remate
Nylon Preto

**ARR569**

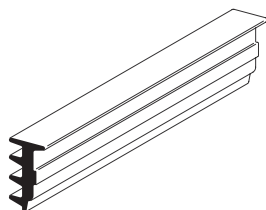
Arruela Lisa
Ø 4,3 x Ø 9mm
Aço Inox

**NYL042**

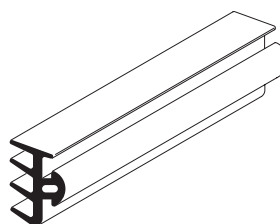
Botão Tampa furo
Nylon Preto ou Branco



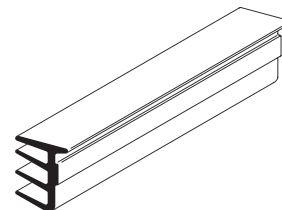
GUA039
Guarnição Cunha
EPDM Preto



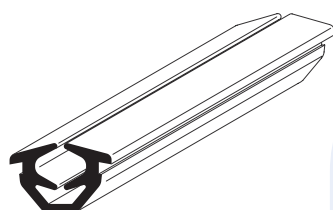
GUA259
Guarnição do Vidro
EPDM Preto



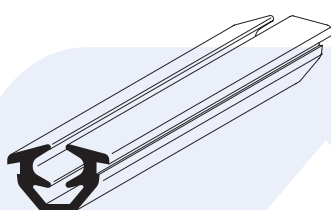
GUA399
Guarnição do Vidro
EPDM Preto



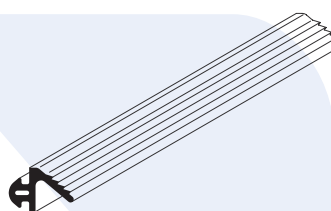
GUA256
Guarnição do Vidro
EPDM Preto



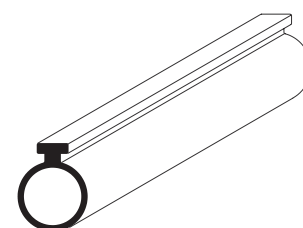
GUA284
Guarnição para Vidro
de 3mm e 4mm
EPDM Preto



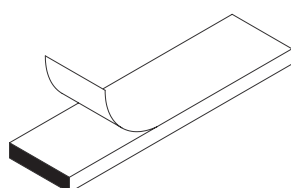
GUA283
Guarnição para Vidro
de 5mm e 6mm
EPDM Preto



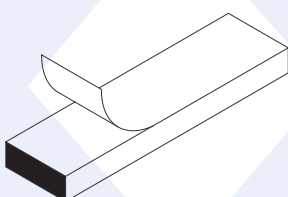
GUA239
Guarnição do Marco
EPDM Preto



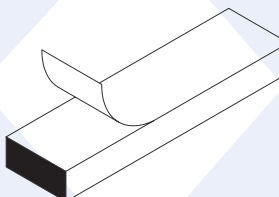
GUA007
Guarnição
da Pingadeira
EPDM Preto



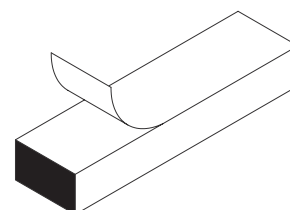
GUA172
Guarn. Ades. Esponjosa
11mm x 1,8mm
Preta



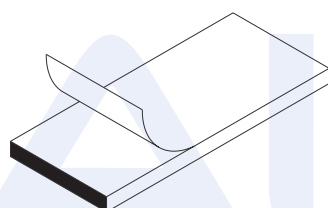
GUA171
Guarn. Ades. Esponjosa
11mm x 3,2mm
Preta



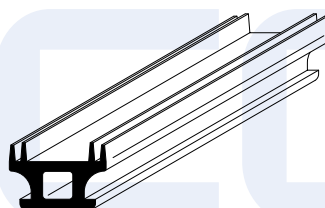
GUA258
Guarn. Ades. Esponjosa
11mm x 4,8mm
Preta



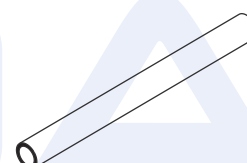
GUA157
Guarn. Ades. Esponjosa
11mm x 6,4mm
Preta



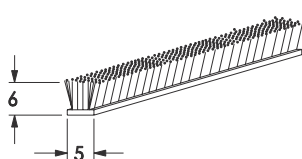
GUA228
Guarn. Adesiva Esponjosa
17,5mm x 1,81mm
Preta



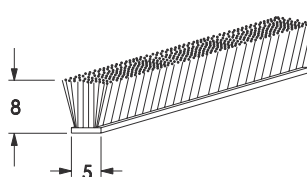
GUA394
Guarnição do Basculante
EPDM Preto



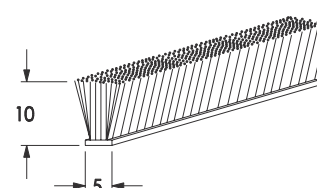
GUA006
Vedação do Engate
Ø 5mm
EPDM Preto



FIT206
Fita Vedadora 5 x 6mm
Preta

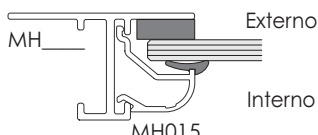
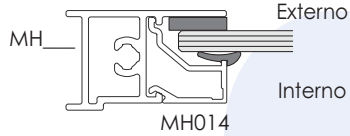
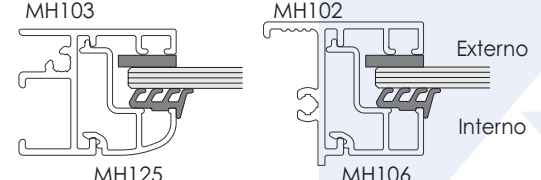
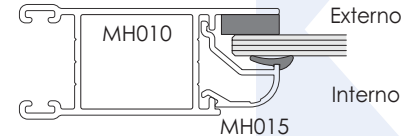
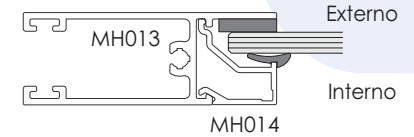
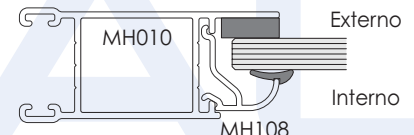
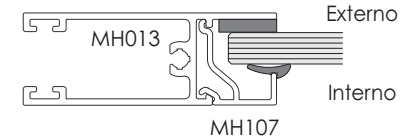
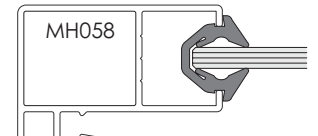


FIT212
Fita Vedadora 5 x 8mm
Preta



FIT214
Fita Vedadora 5 x 10mm
Preta

Alternativas construtivas - Guarnições para vidro

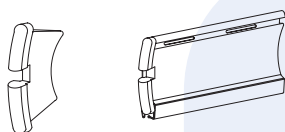
Detalhes	Espessura do vidro	Guarnição Interna	Guarnição Externa
	3	GUA039	GUA171
	4	GUA039	GUA171
	3	GUA039	GUA172
	4	GUA039	GUA172
	3	GUA256	GUA258
	4	GUA256	GUA258
	5	GUA256	GUA171
	6	GUA259	GUA171
	3	GUA039	GUA171
	4	GUA039	GUA171
	3	GUA039	GUA172
	4	GUA039	GUA172
	5	GUA039	GUA171
	6	GUA039	GUA171
	5	GUA039	GUA172
	6	GUA039	GUA172
	3	GUA284	- X -
	4	GUA284	- X -
	5	GUA283	- X -
	6	GUA283	- X -

Orientação de montagem dos painéis de Persiana

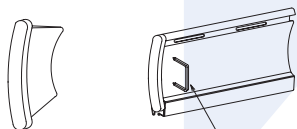
Devido ao retorno da mola, utilizar venezianas cegas na parte superior, na proporção de 20% do total das lâminas

(*) Tampas das Persianas

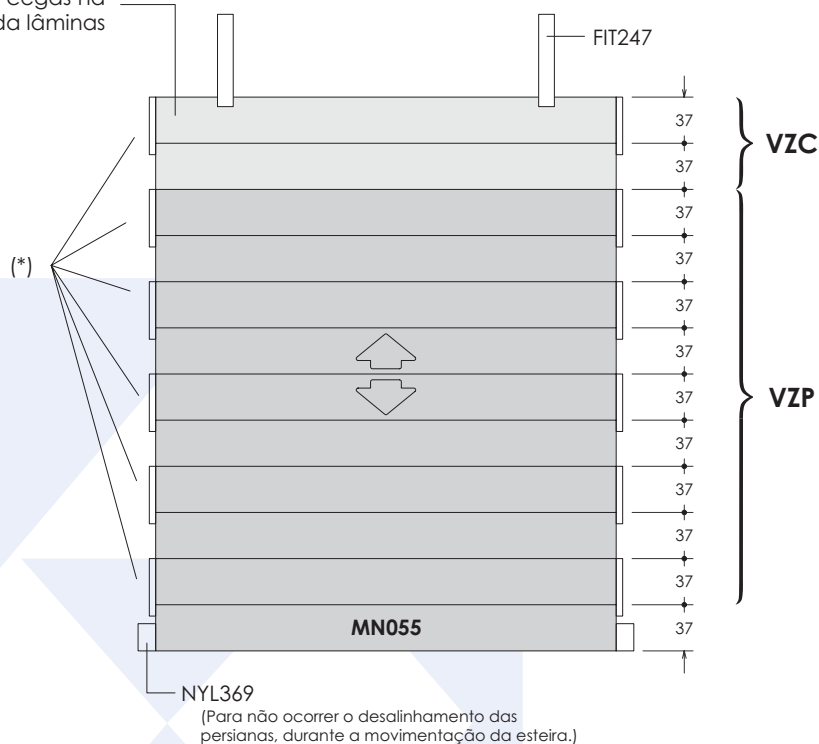
Para persiana nacional:
NYL375



Para persiana importada:
NYL447

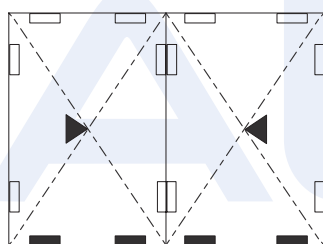


Grampo de aço inox
(não fornecido pela Alcoa)

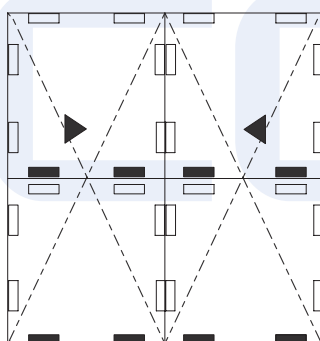


Instrução de posicionamento dos calços do vidro

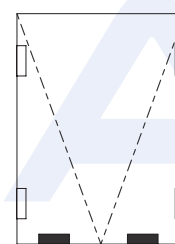
Janela de Correr



Porta de Correr



Maxim ar



Calço periférico
Calço de apoio

Os capítulos referentes a

7

LinhaMaster

Usinagens

8

LinhaMaster

Instruções de montagem

9

LinhaMaster

Desenhos de montagem

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

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