



mega[®] 25



PSQ
esquadrias
de alumínio





Tudo foi pensado!

Um conceito de Sistema Construtivo que supera em muito os modelos mais comuns. O Sistema Mega é uma solução completa, com uma incrível combinação para definir modelos e tipologias capaz de atender todos os níveis de obras. O aspecto de inovação está presente nos detalhes e a sofisticação é visível no design. Não há nada igual...

Desde a concepção do desenho dos perfis, até a metodologia para o corte e a montagem foram cuidadosamente planejados para garantir que o Fabricante de Esquadrias ganhe mais tempo e produtividade.

O esquema de montagem é simples e facilita as operações durante o processo de industrialização.



A Linha Mega 25 acompanha o tradicionalíssimo e consagrado padrão 25mm para atender fechamentos de vãos dos mais diferentes níveis e exigências da arquitetura brasileira.



As linhas esbeltas com entornos levemente arredondados incorporam ao conceito do Sistema Mega um toque de classe e elegância que combina ousadia com a indispensável praticidade para se compor tipologias, resultando assim uma melhor performance das peças.



POLÍTICA DE QUALIDADE

Trabalhar com QUALIDADE, unindo forças com a participação de todos e superando sempre as expectativas dos clientes.

A ASA ALUMÍNIO se reserva ao direito de efetuar, a qualquer momento e sem prévio aviso, todas as modificações que julgar necessárias.

As dimensões, espessuras e pesos dos perfis indicados neste catálogo são teóricos, podendo variar em função de tolerâncias previstas nas normas ABNT.

O conteúdo deste catálogo é de propriedade da ASA ALUMÍNIO, e não pode ser copiado em parte ou na sua totalidade sem prévia aprovação.

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O Sistema MEGA é composto por três Linhas personificadas que atendem todos os níveis de exigência.

Conseqüentemente, são três bitolas distintas, com a propriedade de se comunicarem entre si, permitindo, assim, obter-se a mais ampla gama de tipologias.

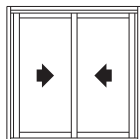
Essa notória versatilidade de composição é uma inovação exclusiva desta família, composta por:



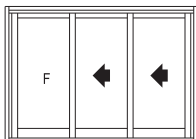
A Linha Mega 25 acompanha o tradicionalíssimo e consagrado padrão 25 mm para atender fechamentos de vãos dos mais diferentes níveis de exigências da arquitetura brasileira.



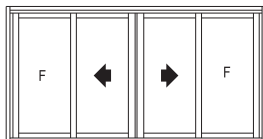
TIPOLOGIAS



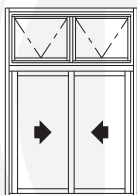
JANELA DE CORRER
2 FOLHAS



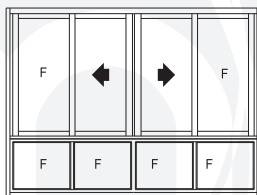
JANELA DE CORRER
3 FOLHAS



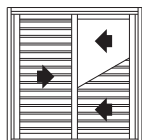
JANELA DE CORRER
4 FOLHAS



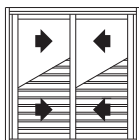
JANELA DE CORRER
2 FOLHAS
COM BANDEIRA MÓVEL



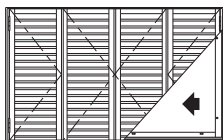
JANELA DE CORRER
4 FOLHAS
COM PEITORIL FIXO



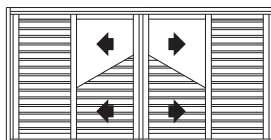
JANELA DE CORRER
3 FOLHAS
COM VENEZIANA



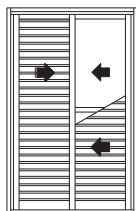
JANELA DE CORRER
4 FOLHAS
COM VENEZIANA



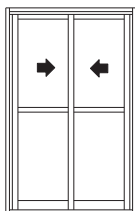
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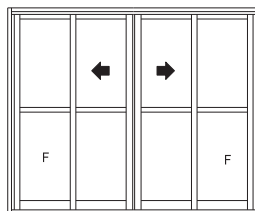
JANELA DE CORRER
6 FOLHAS
COM VENEZIANA



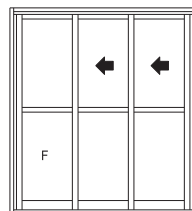
PORTA DE CORRER
3 FOLHAS
COM VENEZIANA



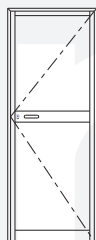
PORTA DE CORRER
2 FOLHAS



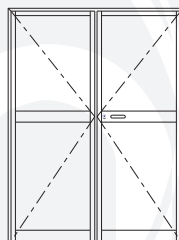
PORTA DE CORRER
4 FOLHAS



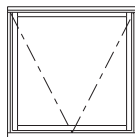
PORTA DE CORRER
3 FOLHAS



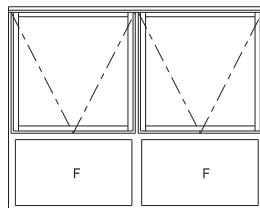
PORTA DE GIRO
1 FOLHA



PORTA DE GIRO
2 FOLHAS



JANELA MAXIM-AR
1 FOLHA



JANELA MAXIM-AR
2 FOLHAS

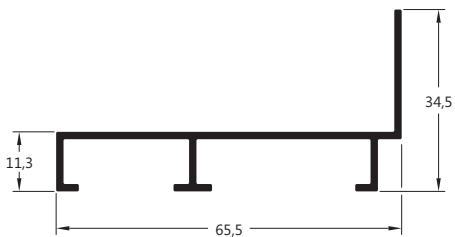




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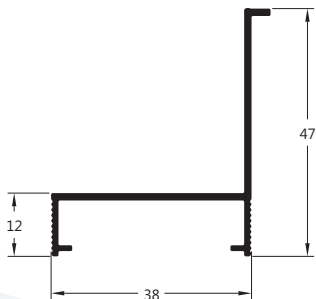
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CA-129

0,493 Kg/m

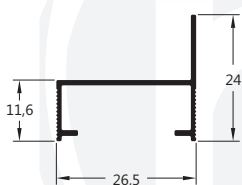
Contramarco



CA-098

0,377 Kg/m

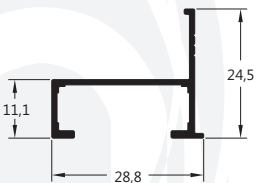
Contramarco



CA-063

0,175 Kg/m

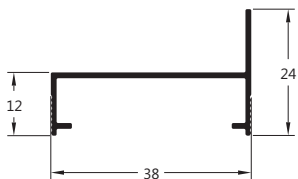
Contramarco



CA-721

0,261 Kg/m

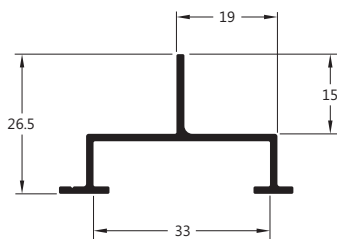
Contramarco



CA-060

0,223 Kg/m

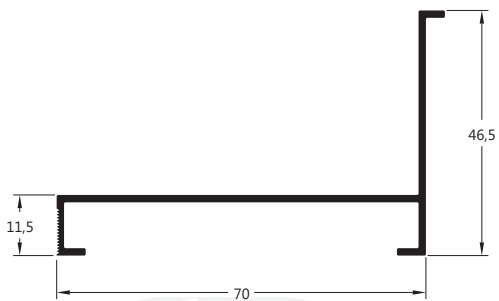
Contramarco



CA-204

0,327 Kg/m

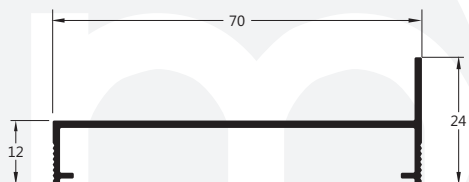
Contramarco



CA-032

0,513 Kg/m

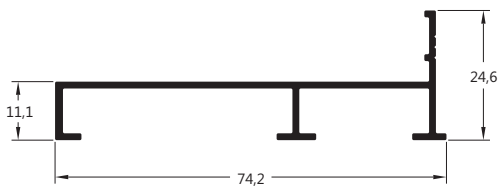
Contramarco



CA-096

0,327 Kg/m

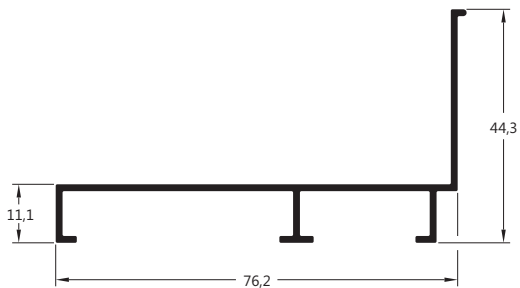
Contramarco



CA-113

0,468 Kg/m

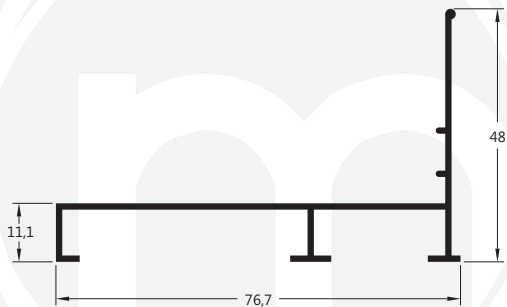
Contramarco



CA-517

0,531 Kg/m

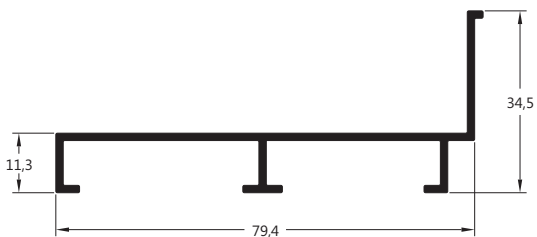
Contramarco



CA-709

0,520 Kg/m

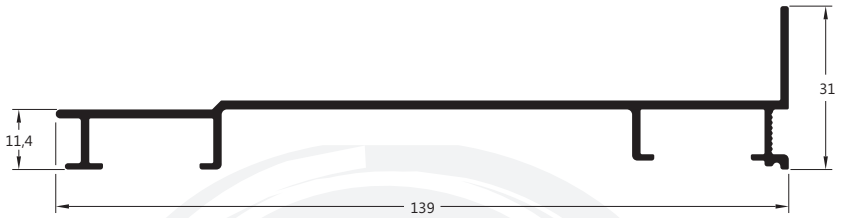
Contramarco



CA-028

0,554 Kg/m

Contramarco



CA-168

0,951 Kg/m

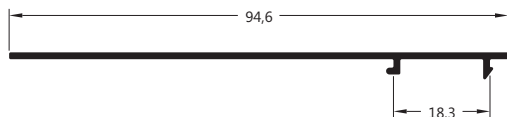
Contramarco



CA-093

0,766 Kg/m

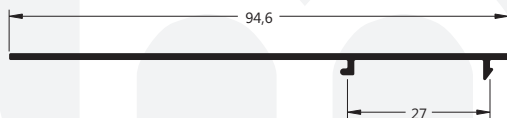
Grapa



CA-207

0,361 Kg/m

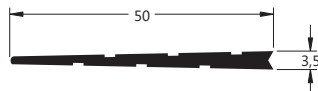
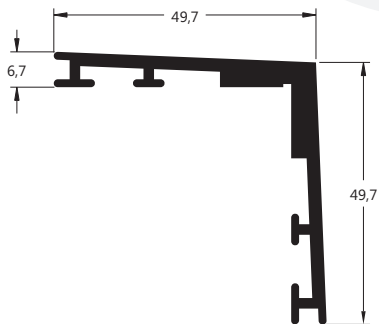
Chumbador para cm-063



CA-209

0,223 Kg/m

Chumbador para cm-060



CA-006

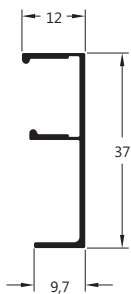
1,006 Kg/m

Macho de conexão

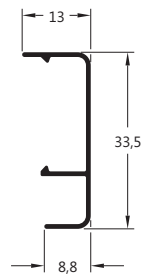
CA-011

0,315 Kg/m

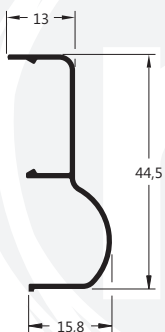
Cunha de conexão



RA-347 0,197 Kg/m Remate



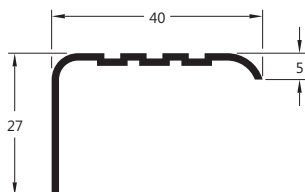
RA-613 0,162 Kg/m Remate



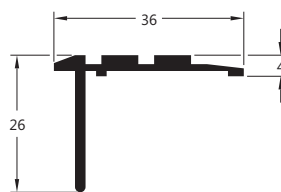
RA-1009 0,209 Kg/m Remate



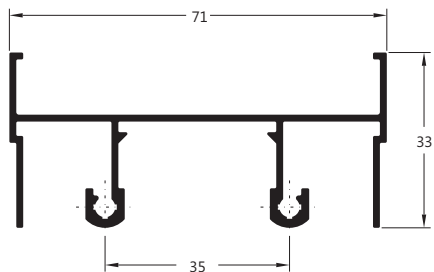
RA-1175 0,297 Kg/m Remate



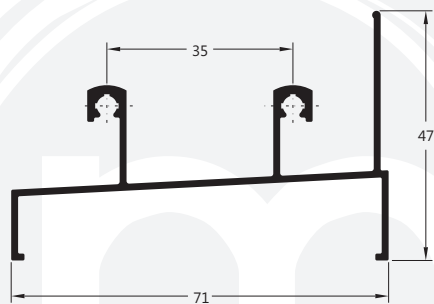
RA-013 0,268 Kg/m Remate



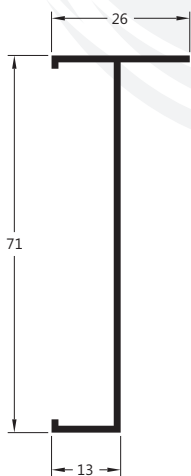
RA-516 0,339 Kg/m Remate



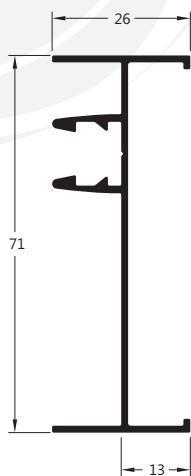
MG25-001 0,773 Kg/m Trilho superior de correr 02 planos



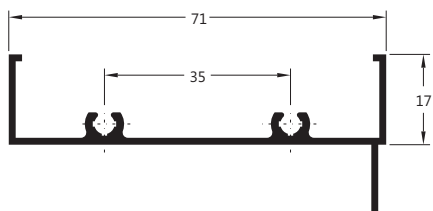
MG25-002 0,711 Kg/m Trilho inferior de correr 02 planos



MG25-007 0,386 Kg/m Marco lateral liso de correr 2 planos



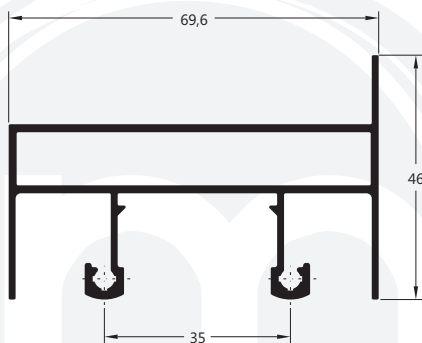
MG25-791 0,561 Kg/m Marco lateral correr 02 planos



MG25-004

0,526 Kg/m

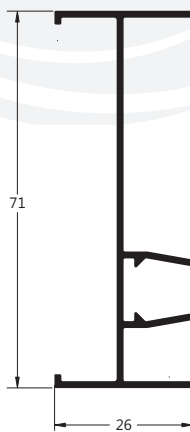
Marco superior e inferior



MG25-005

1,106 kg/m

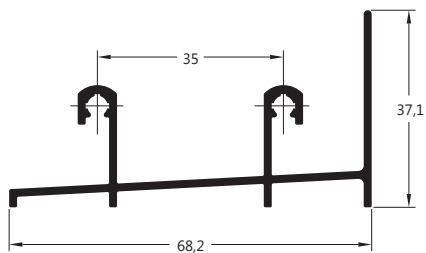
Trilho intermediário superior



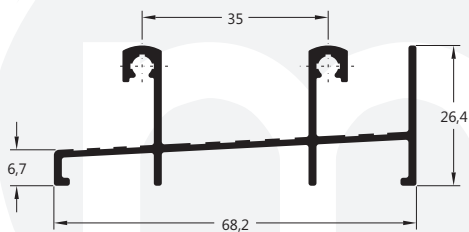
MG25-003

0,537 kg/m

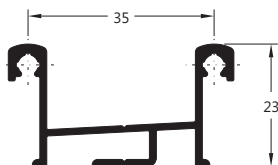
Marco lateral de correr 02 planos
com contra fecho



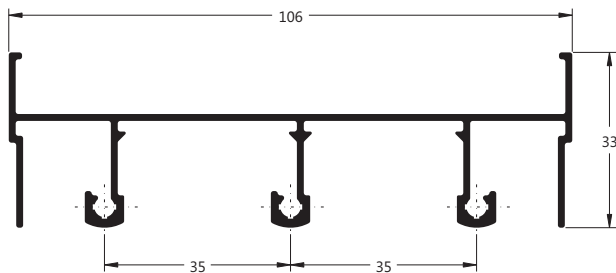
MG25-228	0,791 Kg/m	Trilho inferior correr porta 02 planos
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MG25-578	0,707 Kg/m	Trilho inferior correr porta 02 planos
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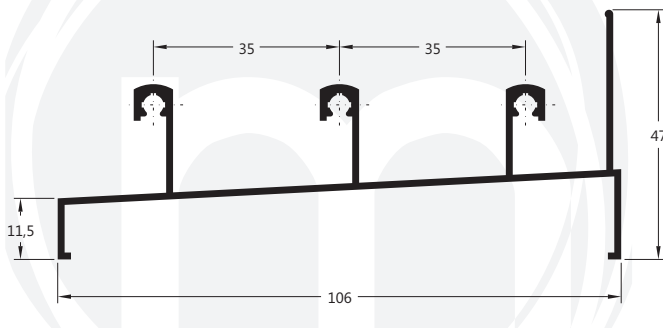
MG25-272	0,430 Kg/m	Trilho inferior porta correr 2 planos
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MG25-010

1,028 Kg/m

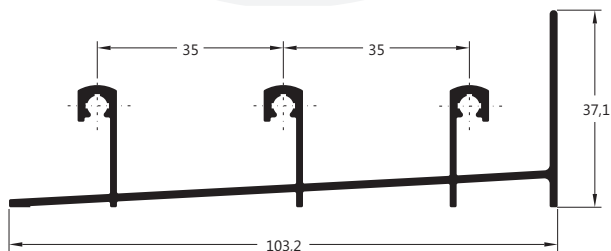
Trilho superior correr
janela 03 planos



MG25-011

0,960 Kg/m

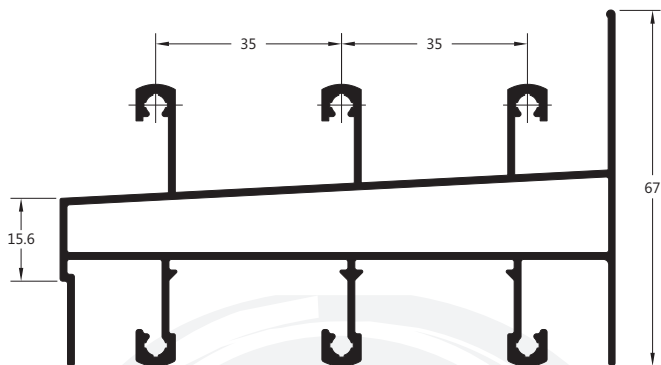
Trilho inferior correr
janela 03 planos



MG25-230

0,976 Kg/m

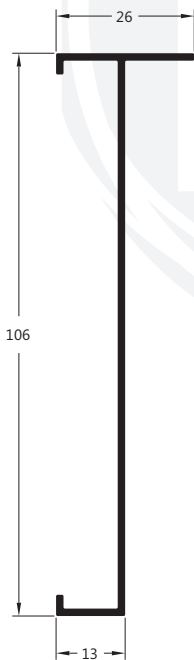
Trilho inferior correr
porta 03 planos



MG25-520

1,856 Kg/m

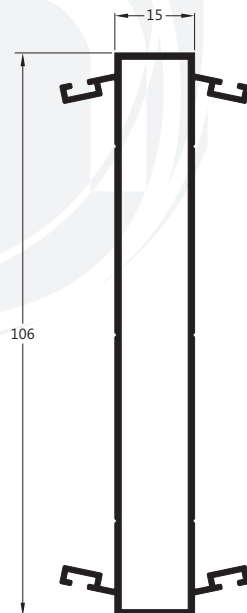
Trilho intermediário
correr 03 planos



MG25-012

0,559 Kg/m

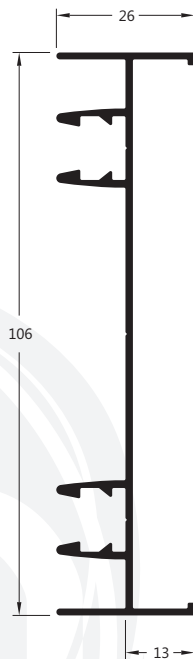
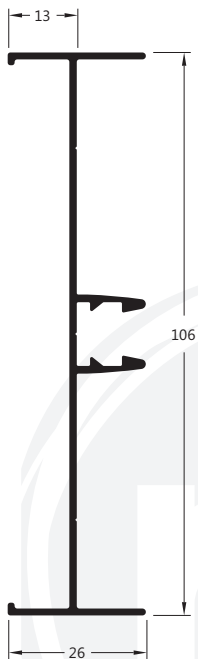
Marco lateral liso
de correr 03 planos



MG25-519

0,963 Kg/m

Coluna telescópica
para marco lateral



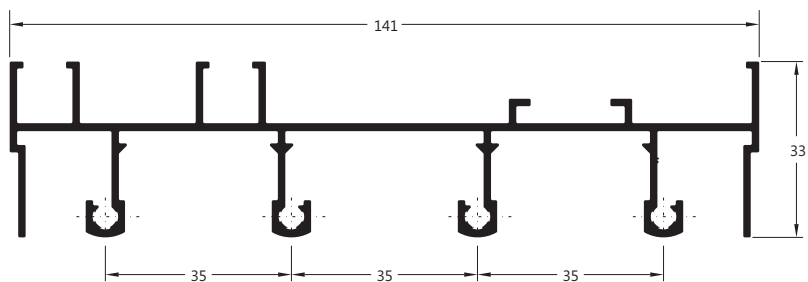
MG25-792 0,710 Kg/m Marco lateral de correr 03 planos

MG25-793 0,840 Kg/m Marco lateral de correr 03 planos

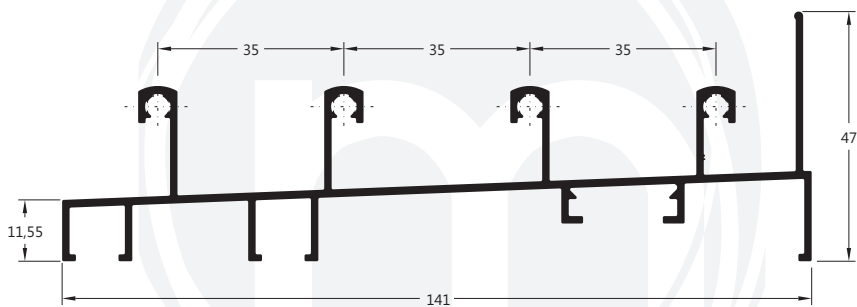


MG25-507 0,383 Kg/m Mata junta

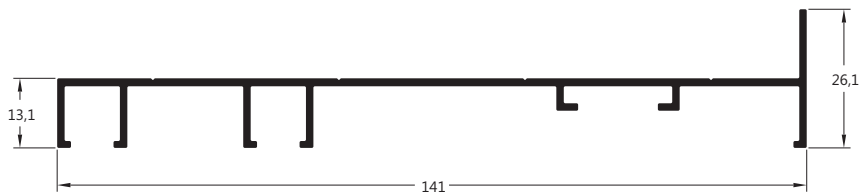
MG25-506 0,303 Kg/m Mata junta central da folha



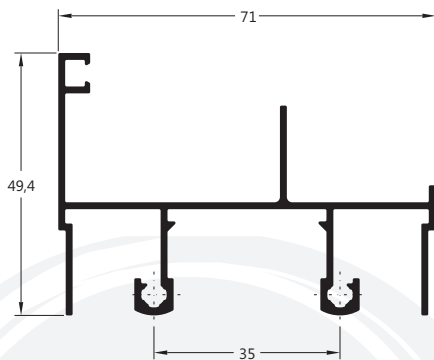
MG25-121 1,585 kg/m Trilho superior de correr 04 planos



MG25-122 1,509 Kg/m Trilho inferior de correr 04 planos



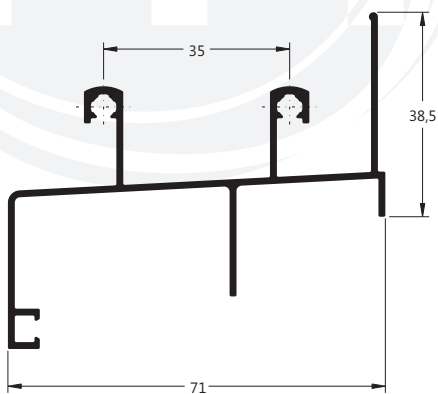
MG25-123 0,917 Kg/m Montante lateral de correr 4 planos



MG25-026

0,855 Kg/m

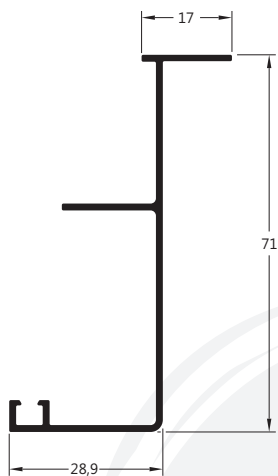
Trilho superior correr 2 planos



MG25-027

0,803 kg/m

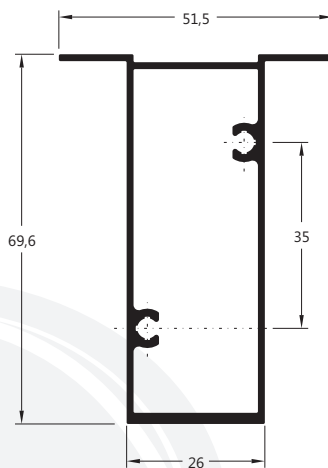
Trilho inferior correr 2 planos



MG25-028

0,487 Kg/m

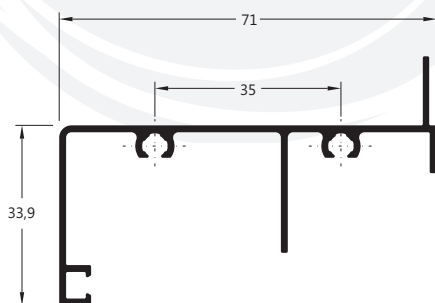
Marco lateral correr 2 planos



MG25-009

0,907 Kg/m

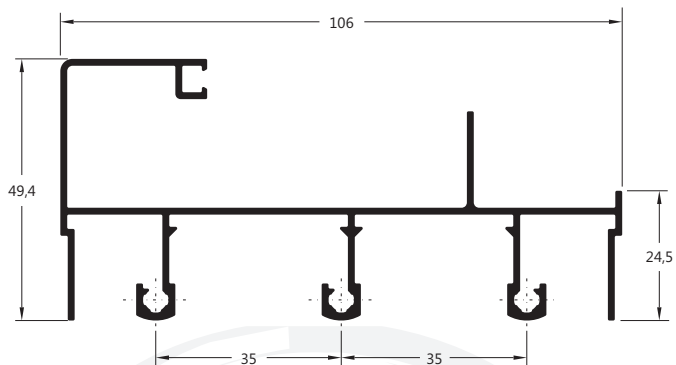
Coluna



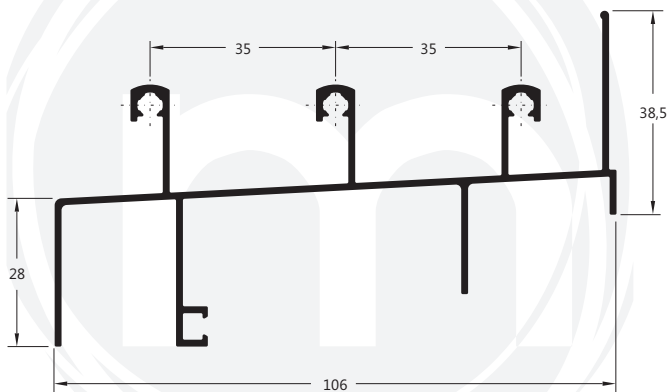
MG25-029

0,630 Kg/m

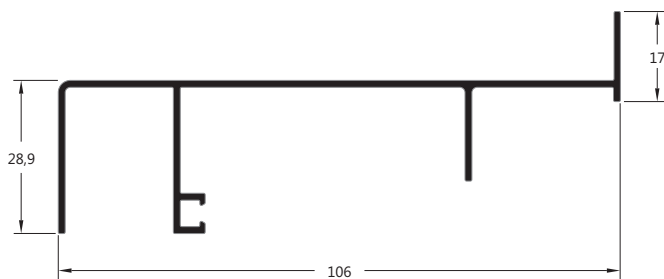
Marco superior e inferior



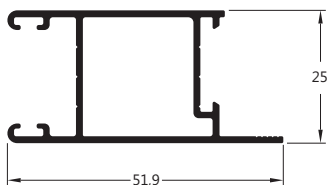
MG25-031 1,200 Kg/m Trilho superior correr 3 planos



MG25-032 1,137 Kg/m Trilho inferior correr 3 planos



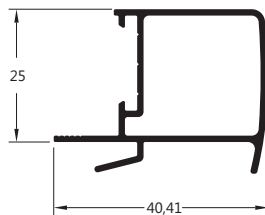
MG25-033 0,703 Kg/m Marco lateral correr 3 planos



MG25-500

0,542 Kg/m

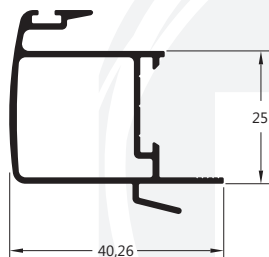
Montante da folha
com bagueete



MG25-501

0,458 Kg/m

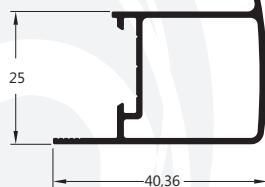
Montante central
interno da folha



MG25-503

0,523 Kg/m

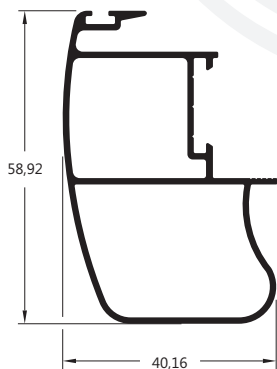
Montante central
intermediário da folha



MG25-502

0,490 Kg/m

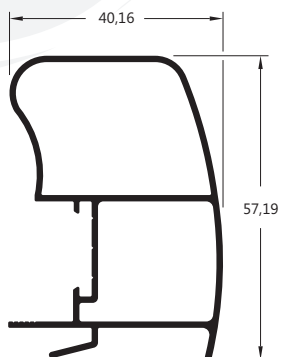
Montante central
externo da folha



MG25-505

0,745 Kg/m

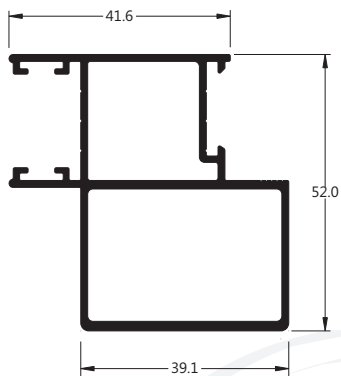
Montante bi-tubular
central externo



MG25-504

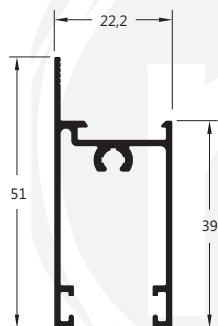
0,757 Kg/m

Montante bi-tubular
central interno

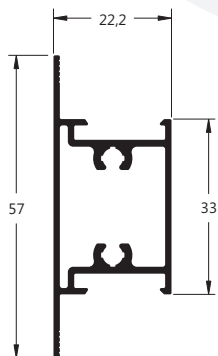


* Ver perfil MG25-796

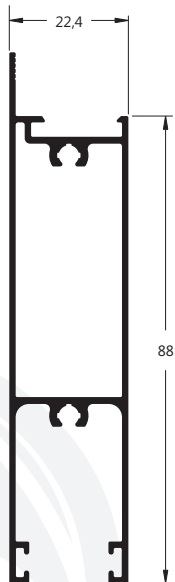
MG25-044	0,997 Kg/m	Montante lateral / central da folha
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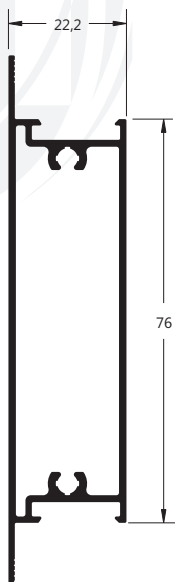
MG25-053	0,542 Kg/m	Travessa da folha
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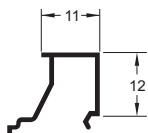
MG25-227	0,574 Kg/m	Travessa intermediária da folha
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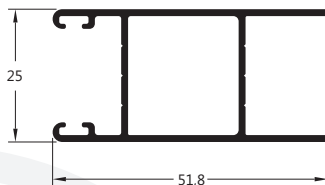
MG25-225	0,926 Kg/m	Montante inferior da porta
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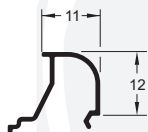
MG25-050	0,926 Kg/m	Travessa intermediária da folha
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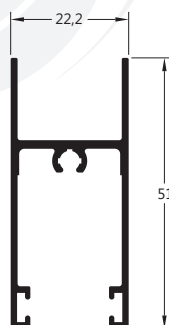
MG25-1230	0,110 Kg/m	Baguete
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MG25-784	0,555 Kg/m	Montante da folha veneziana
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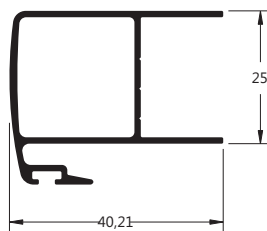


AF-018	0,104 Kg/m	Baguete
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MG25-103	0,156 Kg/m	Baguete para fixo
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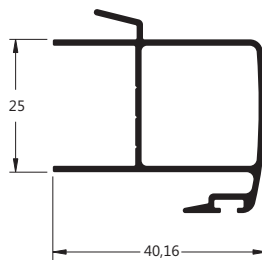
MG25-187	0,534 Kg/m	Travessa da folha para palheta
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MG25-785

0,500 Kg/m

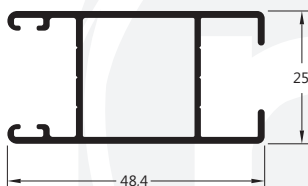
Montante central veneziana



MG25-786

0,535 Kg/m

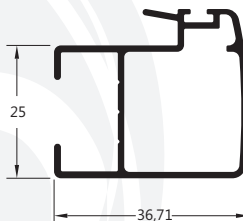
Montante intermediário veneziana



MG25-783

0,565 Kg/m

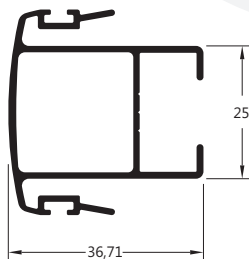
Montante da folha sem baguete



MG25-787

0,513 Kg/m

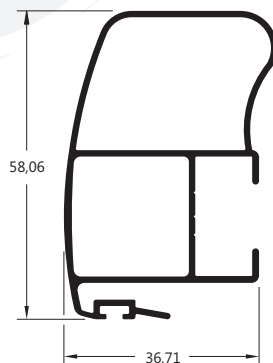
Montante central sem baguete



MG25-788

0,599 Kg/m

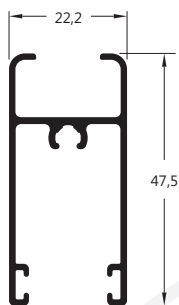
Montante central intermediário sem baguete



MG25-789

0,774 Kg/m

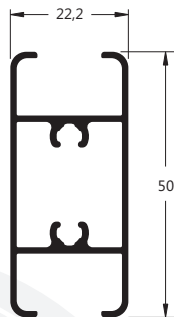
Montante central com reforço sem baguete



MG25-186

0,496 Kg/m

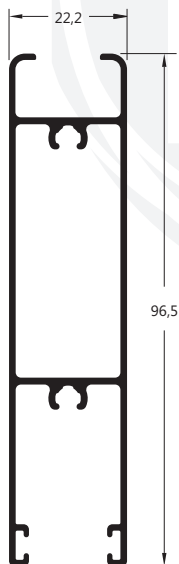
Travessa da folha



MG25-188

0,586 Kg/m

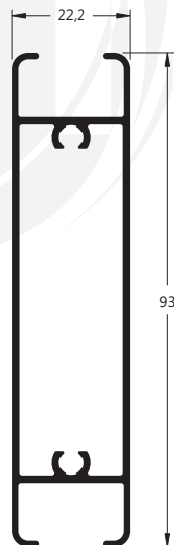
Travessa intermediaria da folha



MG25-266

0,945 Kg/m

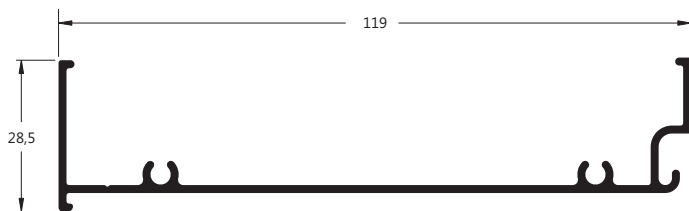
Travessa inferior da folha



MG25-790

0,871 Kg/m

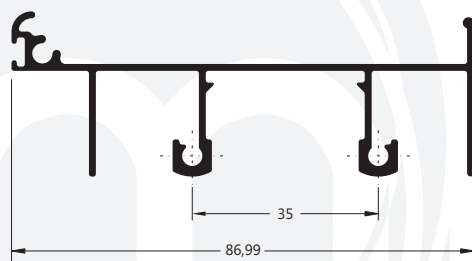
Travessa intermediária da folha



MG25-508

0,810 Kg/m

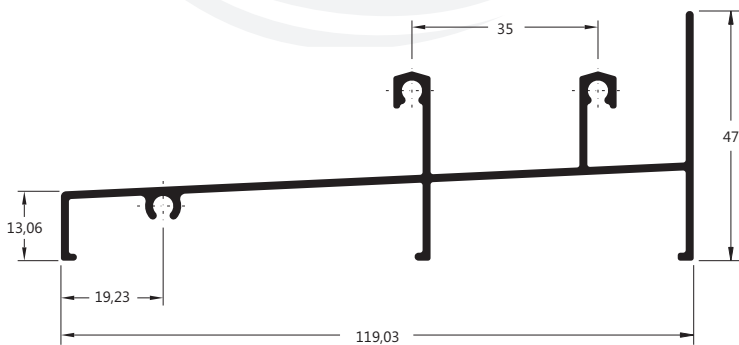
Marco superior integrada



MG25-509

0,843 Kg/m

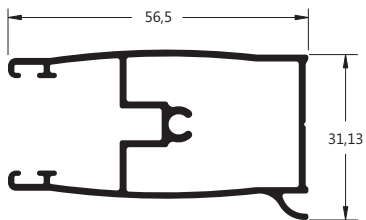
Marco intermediário integrada



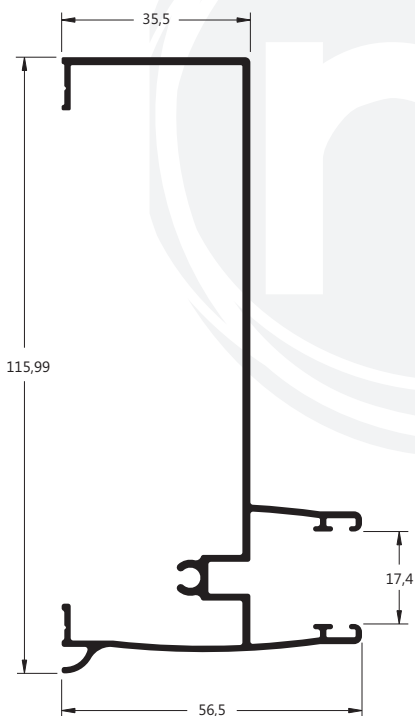
MG25-510

1,085 Kg/m

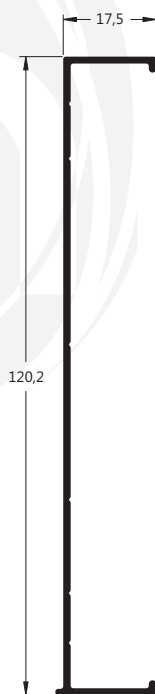
Trilho inferior integrada



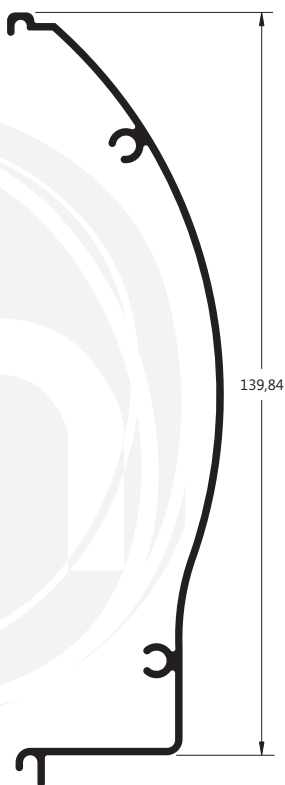
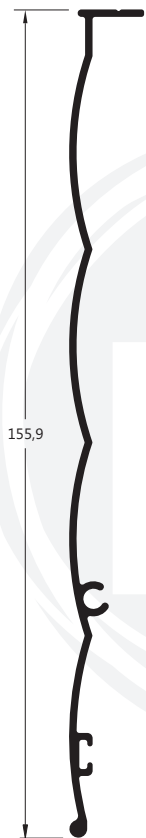
MG25-514	0,741 Kg/m	Complemento lateral persiana
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MG25-513	1,075 Kg/m	Complemento lateral persiana
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MG25-511	0,578 Kg/m	Marco lateral integrada
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MG25-516

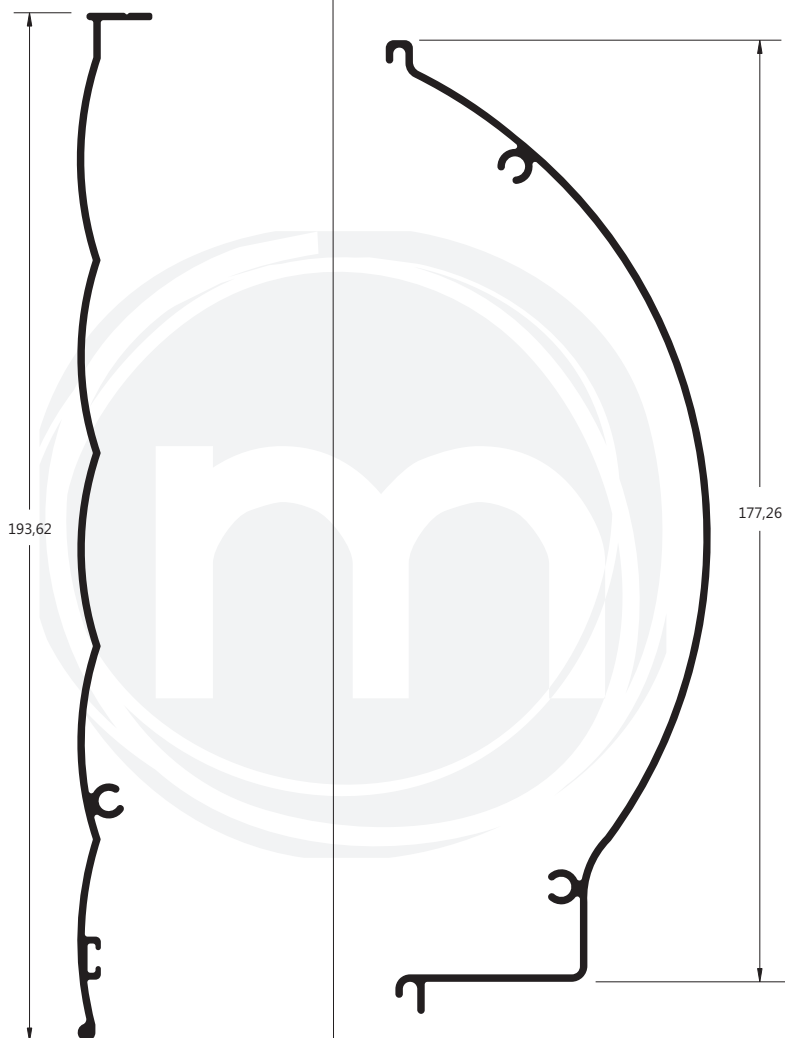
0,724 Kg/m

Tampa externa janela integrada

MG25-515

0,857 Kg/m

Tampa interna janela integrada



MG25-518

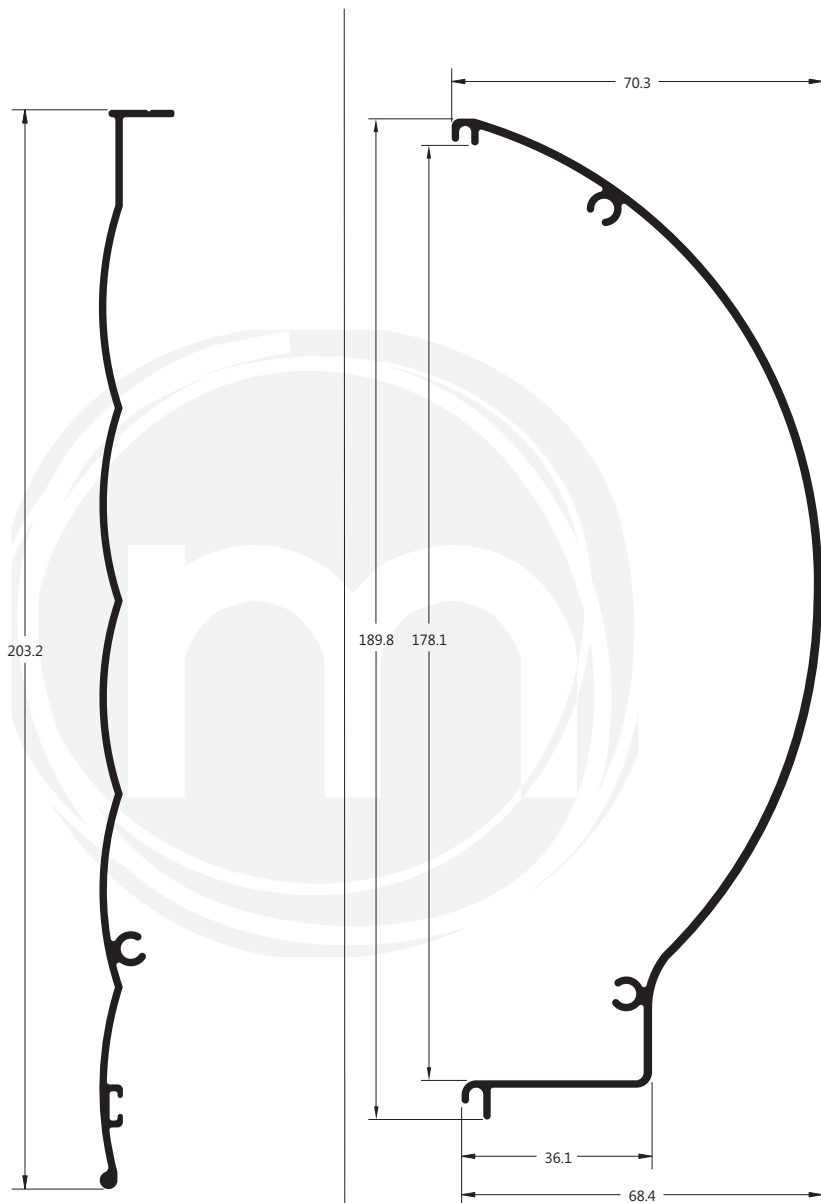
0,885 Kg/m

Tampa externa porta integrada

MG25-517

1,052 Kg/m

Tampa interna porta integrada



MG32-109

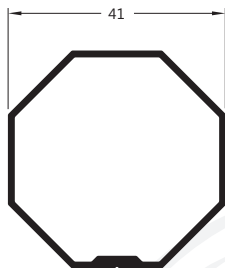
0,922 Kg/m

Tampa externa janela integrada

MG32-110

1,274 Kg/m

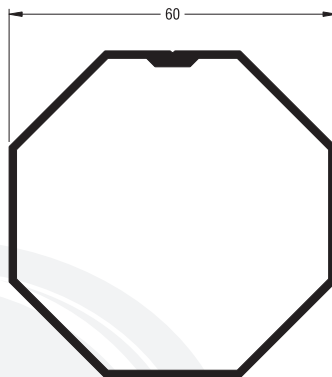
Tampa interna janela integrada



MG32-063

0,489 Kg/m

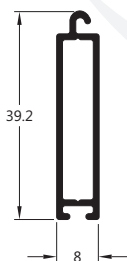
Tubo octogonal de 40 mm



MG32-032

0,792 Kg/m

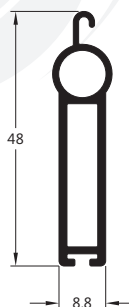
Tubo octogonal de 60 mm



MG32-062

0,270 Kg/m

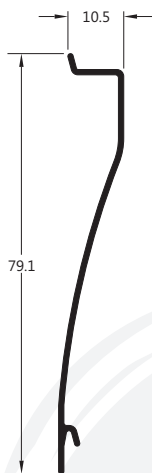
Lamina contra-peso de 39,2 mm



MG32-046

0,430 Kg/m

Lamina contra-peso de 48 mm



VA-012

0,255 Kg/m

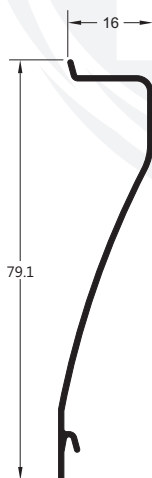
Palheta veneziana 12 mm



VA-012F

0,255 Kg/m

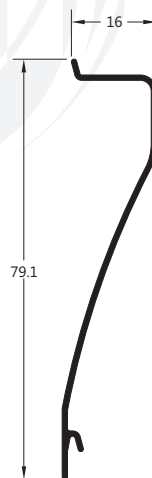
Palheta veneziana 12 mm usinada



VA-017

0,274 Kg/m

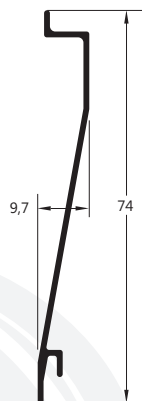
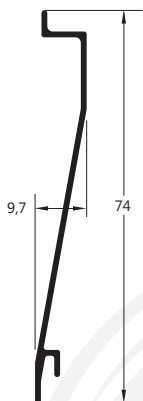
Palheta veneziana 17 mm



VA-017F

0,274 Kg/m

Palheta veneziana 17 mm usinada



VA-024

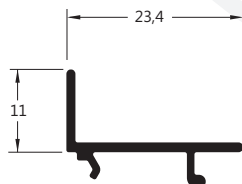
0,271 Kg/m

Palheta veneziana 9,7 mm

VA-024F

0,271 Kg/m

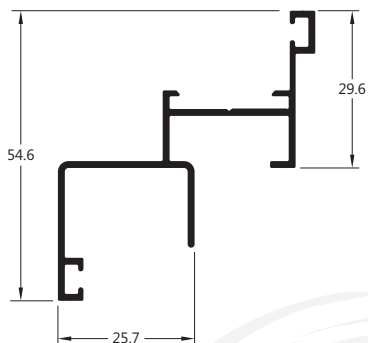
Palheta veneziana 9,7 mm usinada



MG25-108

0,142 Kg/m

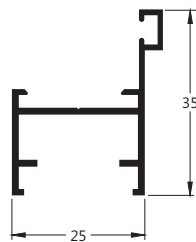
Baguete porta palheta



MG25-030

0,541 Kg/m

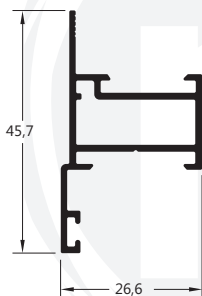
Marco perimetral maxim-ar



MG25-079

0,333 Kg/m

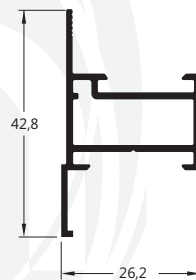
Marco perimetral maxim-ar



MG25-200

0,440 Kg/m

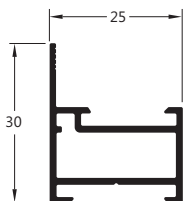
Montante com escova maxim-ar



MG25-081

0,420 Kg/m

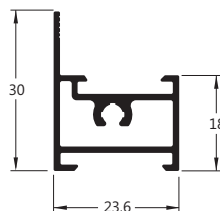
Montante sem escova maxim-ar



MG25-080

0,362 Kg/m

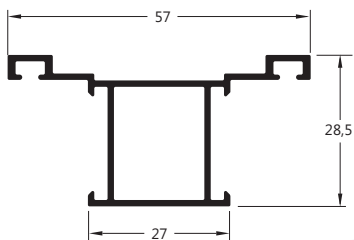
Travessa inferior maxim-ar 45°



MG25-082

0,389 Kg/m

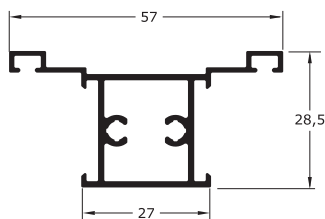
Travessa inferior maxim-ar 90°



MG25-085

0,506 Kg/m

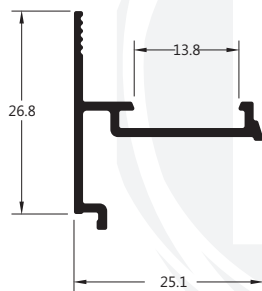
Travessa vertical
sem olhal maxim-ar



MG25-086

0,589 Kg/m

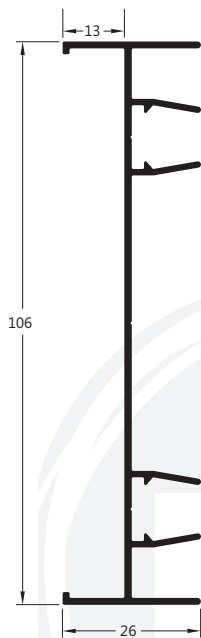
Travessa vertical
com olhal maxim-ar



MG25-292

0,214 Kg/m

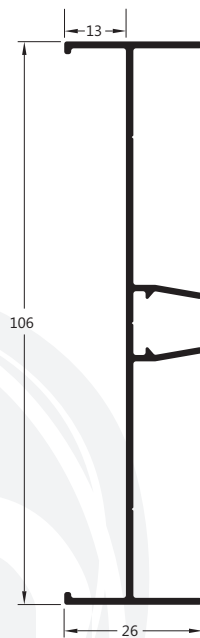
Reversor de Maxim-ar



MG25-013

0,767 Kg/m

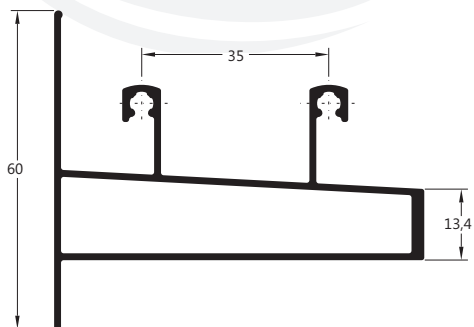
Marco lateral de correr
3 planos



MG25-014

0,671 Kg/m

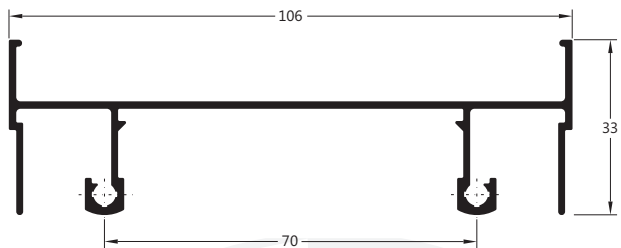
Marco lateral de correr
3 planos



MG25-006

0,999 Kg/m

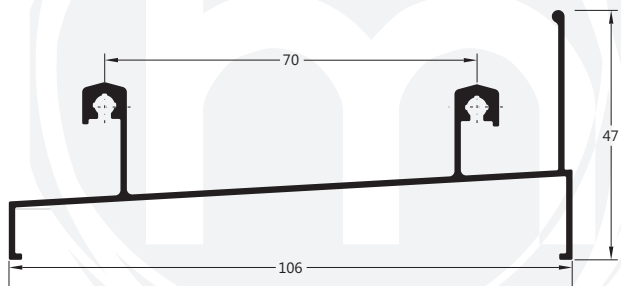
Trilho intermediário
correr 2 planos



MG25-015

0,918 Kg/m

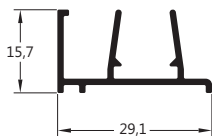
Trilho superior de
correr 2 planos



MG25-016

0,841 Kg/m

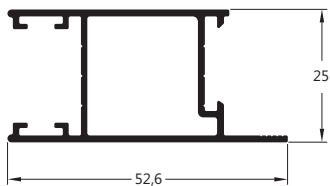
Trilho inferior de
correr 2 planos



MG25-008

0,245 Kg/m

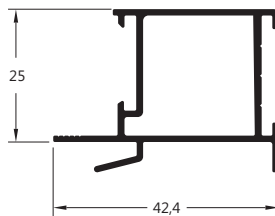
Mata junta



MG25-039

0,554 Kg/m

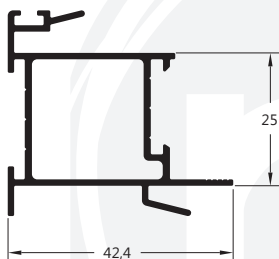
Montante da folha
com bagueete



MG25-040

0,482 Kg/m

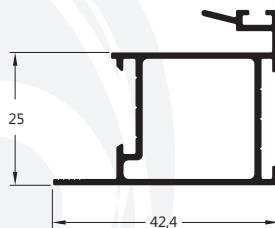
Montante central
interno da folha



MG25-042

0,589 Kg/m

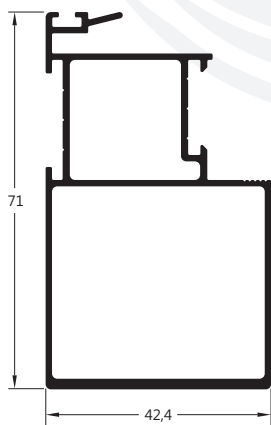
Montante central
intermediário da folha



MG25-041

0,532 Kg/m

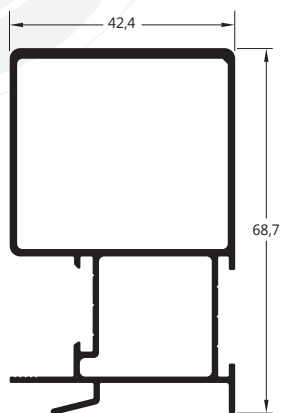
Montante central
externo da folha



MG25-049

0,907 Kg/m

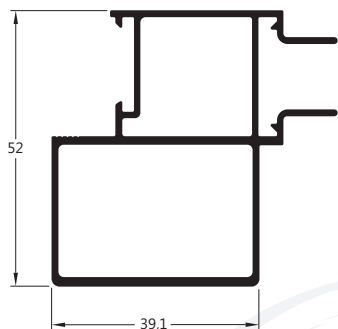
Montante bi-tubular
central externo



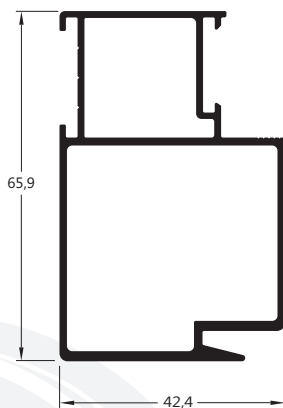
MG25-047

1,040 Kg/m

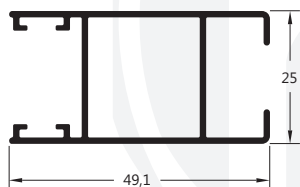
Montante bi-tubular
central interno



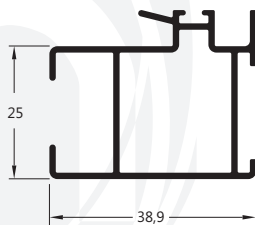
MG25-043 0,947 Kg/m Montante bi-tubular central da folha



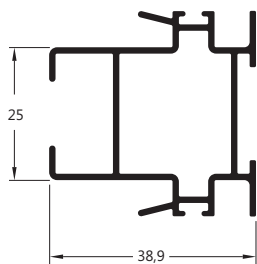
MG25-048 1,037 Kg/m Montante bi-tubular central interno



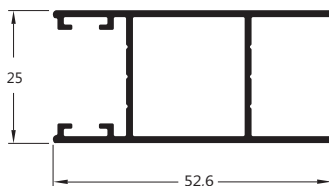
MG25-055 0,545 Kg/m Montante da folha sem baquete



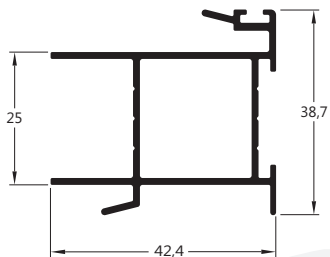
MG25-056 0,538 Kg/m Montante central sem baquete



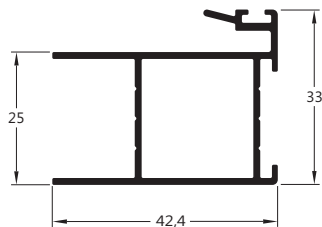
MG25-057 0,632 Kg/m Montante central intermediário sem baquete



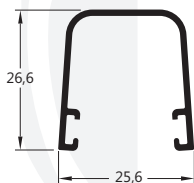
MG25-068 0,574 Kg/m Montante da folha veneziana



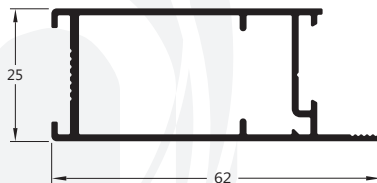
MG25-069 0,613 Kg/m Montante central intermediário veneziana



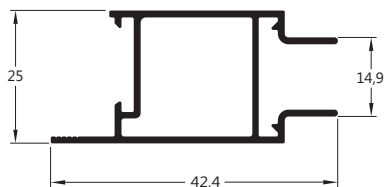
MG25-070 0,559 Kg/m Montante central externo veneziana



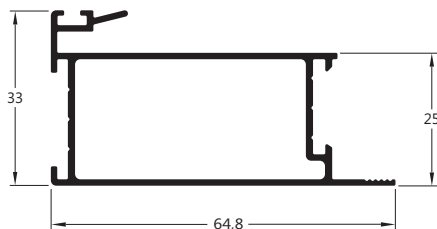
MG25-107 0,269 Kg/m Vedação da folha



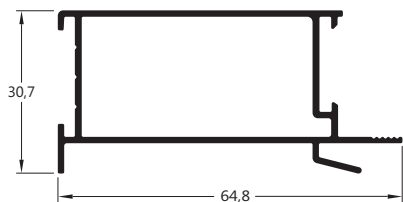
MG25-111 0,634 Kg/m Montante da folha com baquete



MG25-192 0,554 Kg/m Montante central da folha



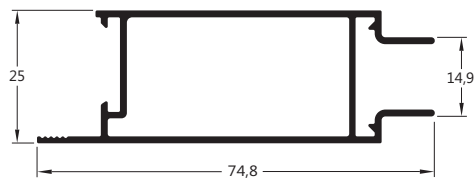
MG25-242 0,674 Kg/m Montante central externo da folha



MG25-243

0,636 Kg/m

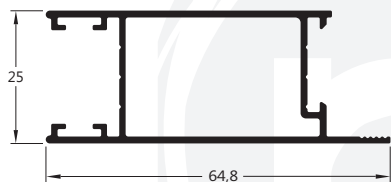
Montante central interno da folha



MG25-244

0,699 Kg/m

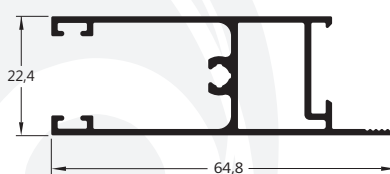
Montante central da folha



MG25-245

0,636 Kg/m

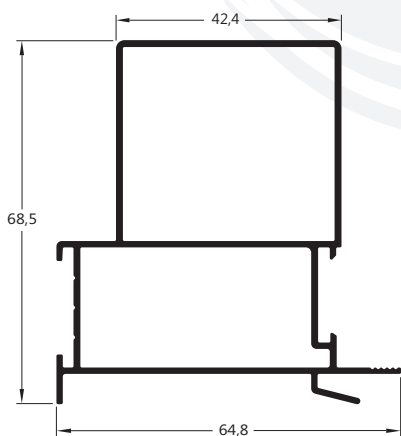
Montante central e lateral



MG25-246

0,645 Kg/m

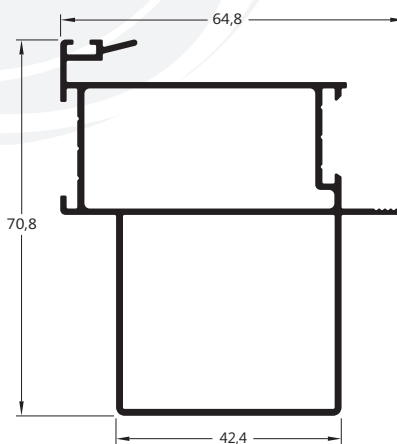
Montante inferior da folha



MG25-289

1,040 Kg/m

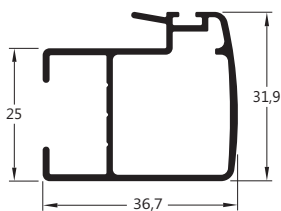
Montante bi-tubular central interno



MG25-290

1,078 Kg/m

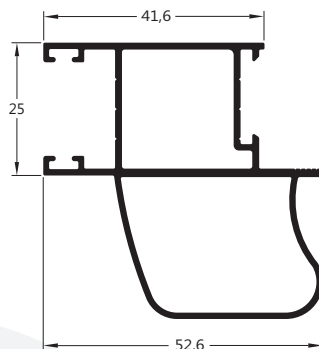
Montante bi-tubular central externo



MG25-787

0,513 Kg/m

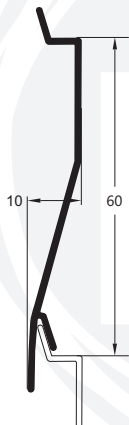
Montante central
sem baguete



MG25-796

0,847 Kg/m

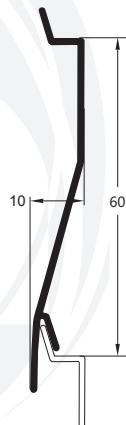
Montante lateral / central
da folha



VA-201

0,261 Kg/m

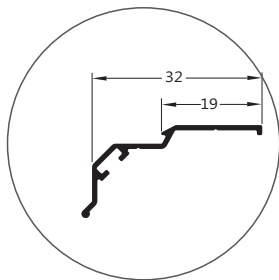
Palheta veneziana 10 mm



VA-201F

0,261 Kg/m

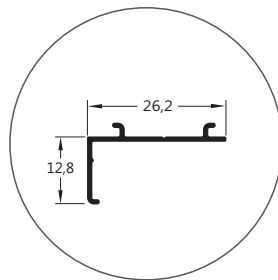
Palheta veneziana 10 mm usinada



MG25-083

0,144 Kg/m

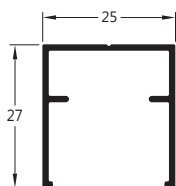
Pingadeira do marco
do maxim-ar



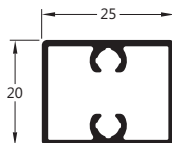
MG25-084

0,125 Kg/m

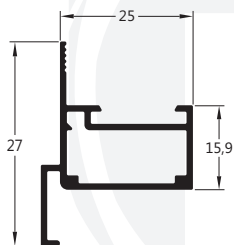
Pingadeira da folha
do maxim-ar



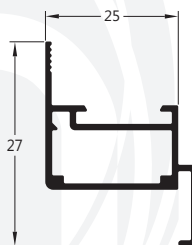
MG25-093 0,280 Kg/m Marco perimétrico para basculante



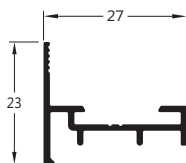
MG25-094 0,362 Kg/m Travessa para basculante



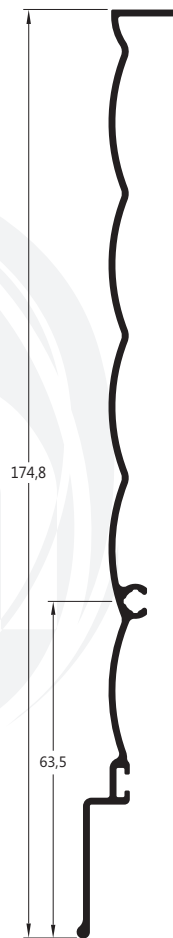
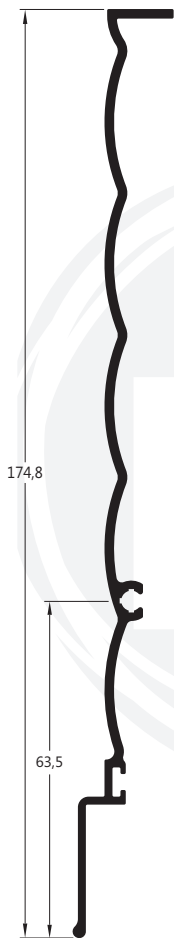
MG25-097 0,399 Kg/m Montante báscula



MG25-098 0,399 Kg/m Montante báscula



MG25-099 0,228 Kg/m Montante fixo



MG25-360

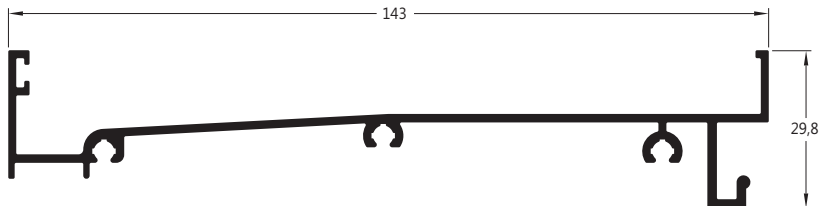
0,984 Kg/m

Tampa externa integrada

MG25-710

0,753 Kg/m

Tampa externa integrada



MG25-370

1,108 Kg/m

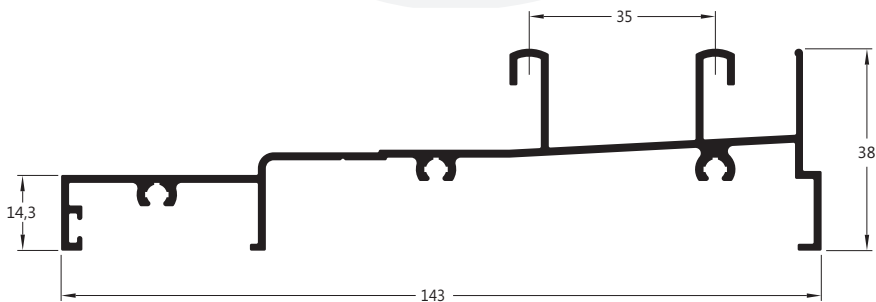
Marco superior integrada



MG25-380

0,794 Kg/m

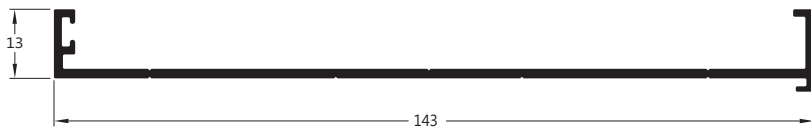
Tampa interna lisa integrada



MG25-390

1,291 Kg/m

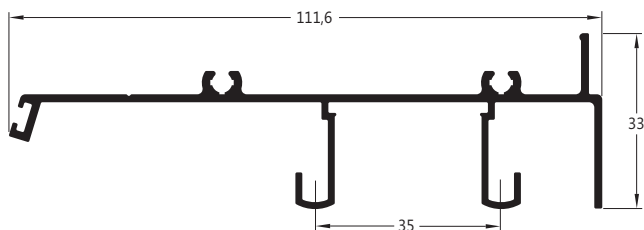
Trilho inferior integrada



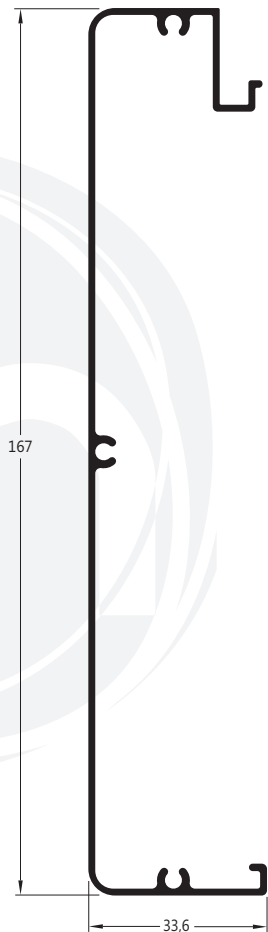
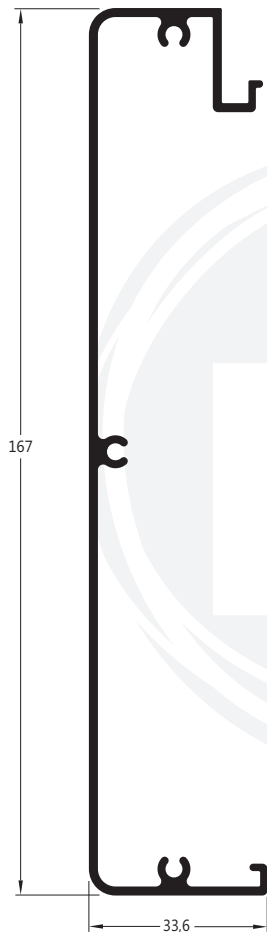
MG25-400 0,845 Kg/m Marco lateral integrada



MG25-420 1,207 Kg/m Complemento lateral persiana



MG25-430 0,948 Kg/m Trilho intermediário integrada



MG25-450

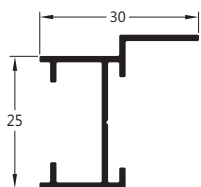
1,332 Kg/m

Tampa interna integrada

MG25-690

1,006 Kg/m

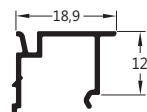
Tampa interna integrada



MG25-782

0,279 Kg/m

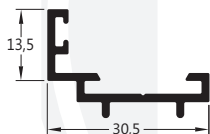
Marco perimétrico



MG25-797

0,107 Kg/m

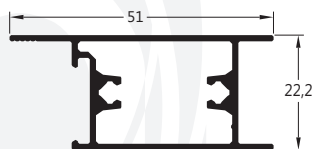
Baguete acoplador veneziana



MG25-798

0,283 Kg/m

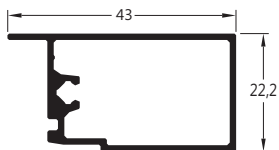
Batedeira porta de giro



MG25-799

0,554 Kg/m

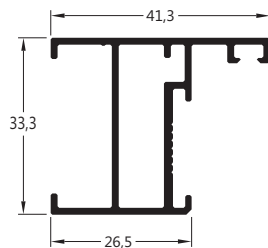
Montante da folha



MG25-800

0,456 Kg/m

Montante folha



MG25-801

0,565 Kg/m

Marco Lateral

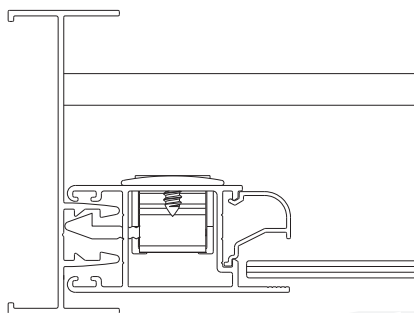




ACESSÓRIOS

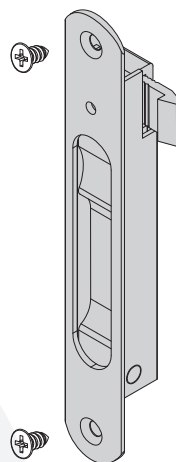
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NYLO0014BCO	Batedeira (branca)	63	TAMP10016BCO	Tampa lateral da janela c/ persiana (branca)	65
NYLO0014PTO	Batedeira (preta)	63	TAMP10016PTO	Tampa lateral da janela c/ persiana (preta)	65
NYLO0024BCO	Botão tapa furo (branco)	63			
NYLO00329BCO	Vedação inferior (branca)	62			
NYLO00329PTO	Vedação inferior (preta)	62			
NYLO00335BCO	Vedação superior (branca)	62			
NYLO00335PTO	Vedação superior (preta)	62			

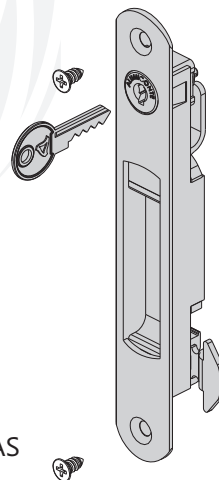
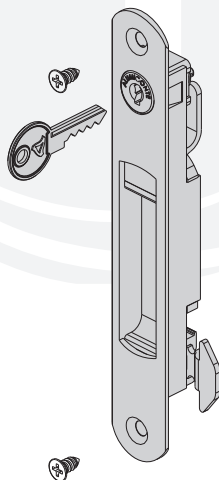
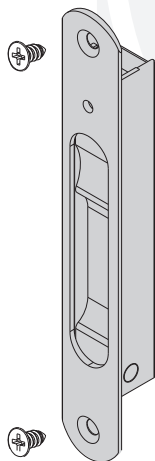


DETALHE DE APLICAÇÃO
sem escala

Código	Descrição
FECH10006PTO	Fecho conha (preto)
FECH10006FCO	Fecho conha (fosco)
FECH10006BZE	Fecho conha (bronze)
FECH10006BCO	Fecho conha (branco)



PERSPECTIVA
sem escala

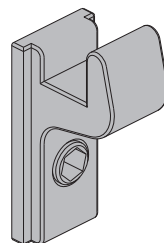
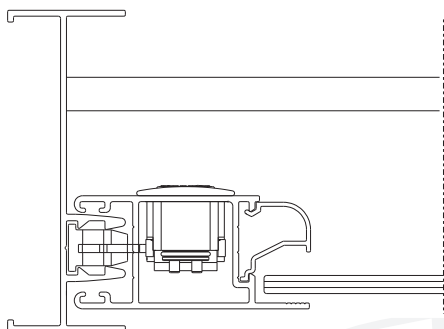


PERSPECTIVAS
sem escala

Código	Descrição
FEC00448PTO	Fecho conha (preto)
FEC00448FCO	Fecho conha (fosco)
FEC00448BCO	Fecho conha (branco)

Código	Descrição
FEC1035	Fecho manual (preto)
FEC10350	Fecho manual (fosco)
FEC1035EB	Fecho manual (branco)

Código	Descrição
FEC1036	Fecho autom. (preto)
FEC10360	Fecho autom. (fosco)
FEC1036EB	Fecho autom. (branco)



DETALHE DE APLICAÇÃO

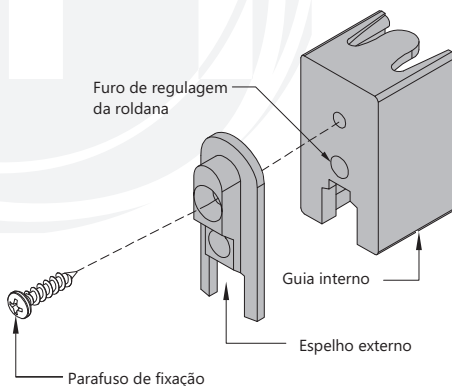
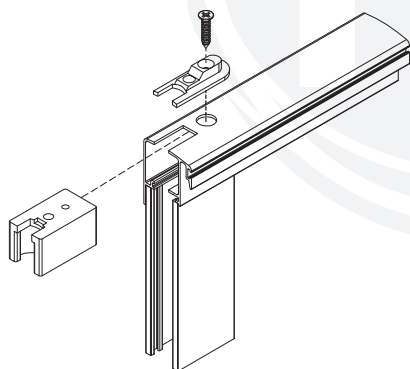
sem escala

Código	Descrição
COM00370PTO	Contra fecho (preto)
COM00370FCO	Contra fecho (fosco)
COM00370BCO	Contra fecho (branco)

PERSPECTIVA
sem escala

Código (ver tabela)

Contra fecho



DETALHE DE APLICAÇÃO

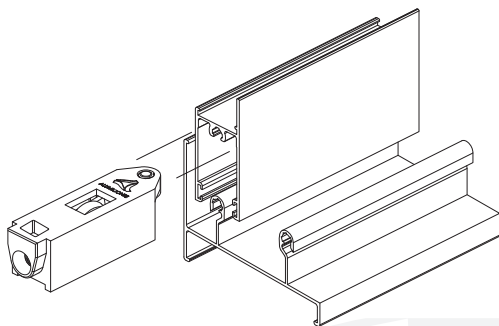
sem escala

Código	Descrição
GUIA10001PTO	Guia limitadora (preta)
GUIA10001BCO	Guia limitadora (branca)

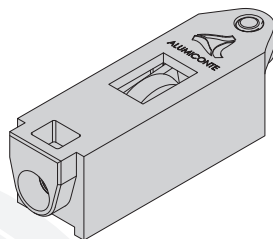
PERSPECTIVA
sem escala

Código (ver tabela)

Guia limitadora



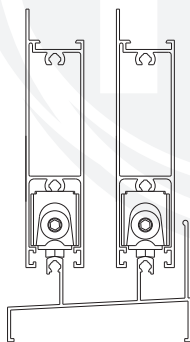
DETALHE DE APLICAÇÃO
sem escala



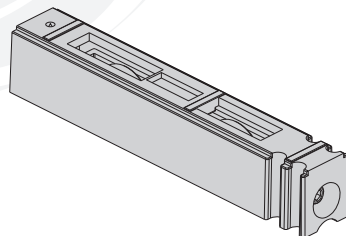
PERSPECTIVA
sem escala

Código	Descrição
ROLD00426PTO	Roldana com regulagem (sem rolamento)
ROLD00426BCO	Roldana com regulagem (sem rolamento)
ROLD00440PTO	Roldana com regulagem (com rolamento)
ROLD00440BCO	Roldana com regulagem (com rolamento)

Código (ver tabela)	Roldana com regulagem
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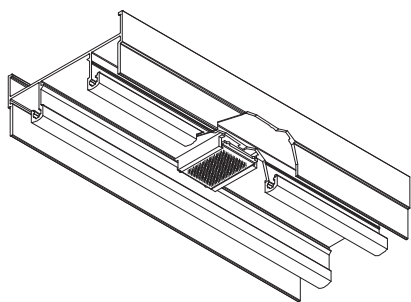
DETALHE DE APLICAÇÃO
sem escala



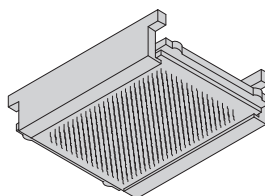
PERSPECTIVA
sem escala

Código	Descrição
ROLD00439PTO	Roldana dupla c/ regulagem (sem rolamento)
ROLD00439BCO	Roldana dupla c/ regulagem (sem rolamento)
ROL-439R	Roldana dupla c/ regulagem (com rolamento)

Código (ver tabela)	Roldana dupla com regulagem
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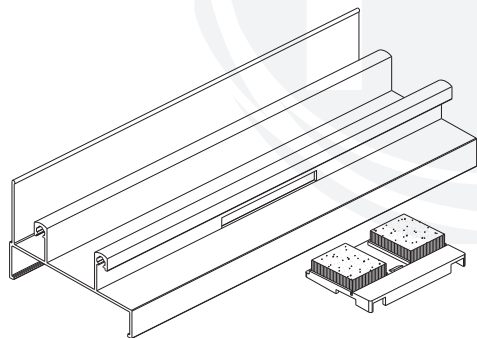


DETALHE DE APLICAÇÃO
sem escala

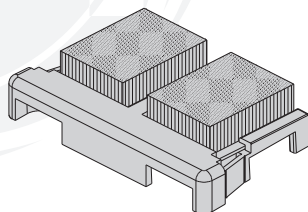


PERSPECTIVA
sem escala

Código	Descrição
NYLO00335PTO	Vedação superior (preta)
NYLO00335BCO	Vedação superior (branca)
Código (ver tabela)	Vedação superior

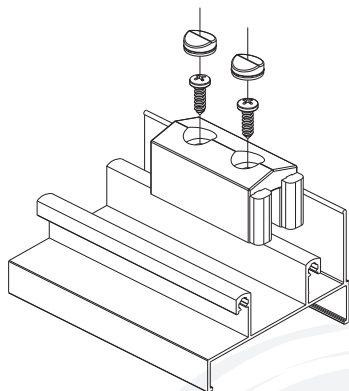


DETALHE DE APLICAÇÃO
sem escala



PERSPECTIVA
sem escala

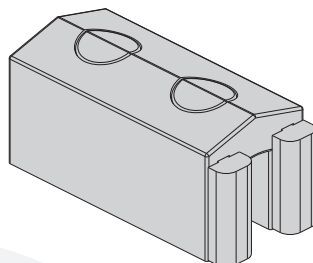
Código	Descrição
NYLO00329PTO	Vedação inferior (preta)
NYLO00329BCO	Vedação inferior (branca)
Código (ver tabela)	Vedação inferior



DETALHE DE APLICAÇÃO

sem escala

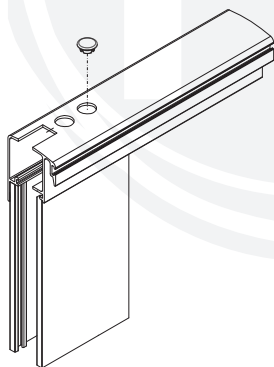
Código	Descrição
NYLO00414PTO	Batedeira (preta)
NYLO00414BCO	Batedeira (branca)



PERSPECTIVA

sem escala

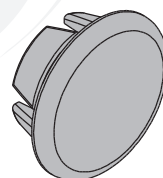
Código (ver tabela)	Batedeira
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DETALHE DE APLICAÇÃO

sem escala

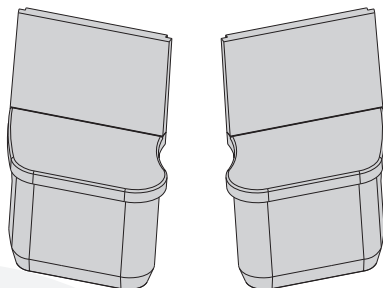
Código	Descrição
NYLO00420PTO	Botão tapa furo (preto)
NYLO00420BCO	Botão tapa furo (branco)



PERSPECTIVA

sem escala

Código (ver tabela)	Botão tapa furo
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DETALHE DE APLICAÇÃO

sem escala

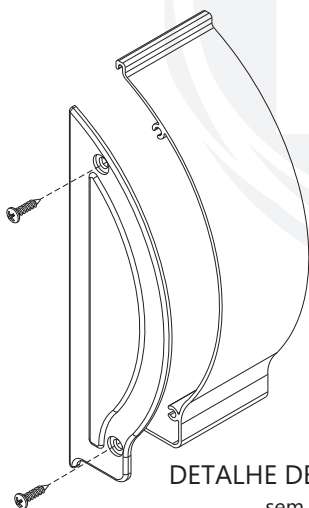
Código	Descrição
TAMP10015PTO	Tampa superior e inferior (preta)
TAMP10015BCO	Tampa superior e inferior (branca)

PERSPECTIVA

sem escala

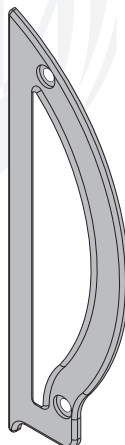
Código (ver tabela)

Tampa superior e inferior



DETALHE DE APLICAÇÃO

sem escala



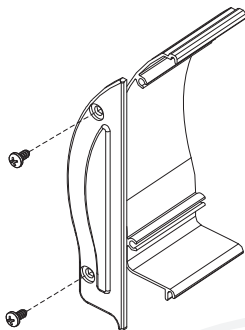
PERSPECTIVA

sem escala

Código	Descrição
TAMP10018PTO	Tampa lateral da porta com persiana (preta)
TAMP10018BCO	Tampa lateral da porta com persiana (branca)

Código (ver tabela)

Tampa lat. da porta com persiana integrada

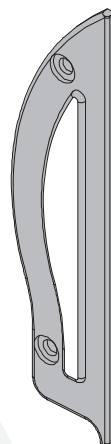


DETALHE DE APLICAÇÃO
sem escala

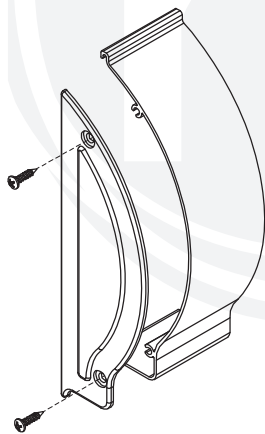
Código	Descrição
TAMPA10014PTO	Tampa lateral da janela c/persiana (preta)
TAMPA10014BCO	Tampa lateral da janela c/persiana (branca)

Código (ver tabela)

Tampa lat. da janela c/persiana integrada



PERSPECTIVA
sem escala

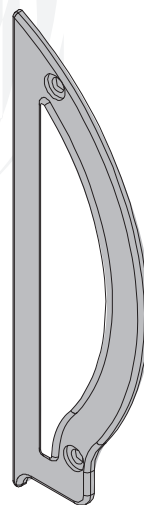


DETALHE DE APLICAÇÃO
sem escala

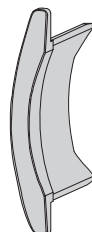
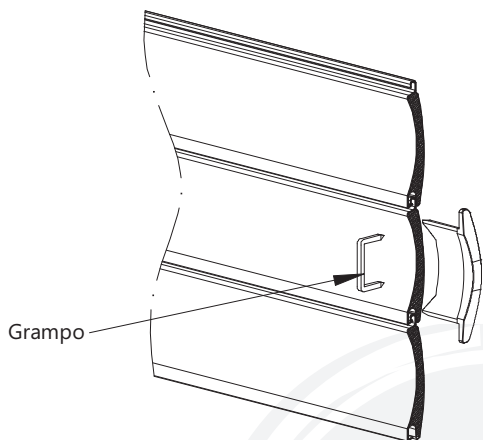
Código	Descrição
TAMPA10016PTO	Tampa lateral da janela c/persiana (preta)
TAMPA10016BCO	Tampa lateral da janela c/persiana (branca)

Código (ver tabela)

Tampa lat. da janela c/persiana integrada



PERSPECTIVA
sem escala



DETALHE DE APLICAÇÃO

sem escala

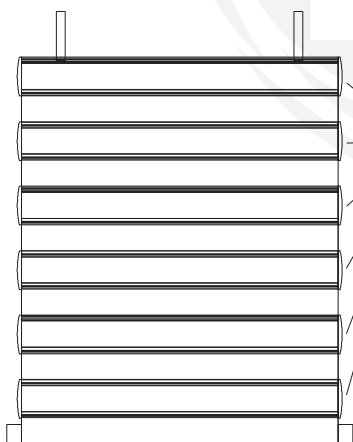
PERSPECTIVA

sem escala

Código	Descrição
NYLO00447PTO	Tampa lateral da palheta (preta)
NYLO00447BCO	Tampa lateral da palheta (branca)

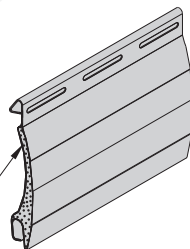
Código (ver tabela)

Tampa lateral da palheta



NYLO00447

Poliuretano
injetado



DETALHE DE APLICAÇÃO

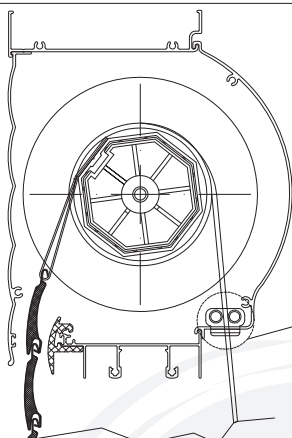
sem escala

PERSPECTIVA

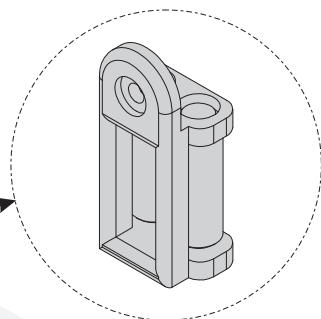
sem escala

Palheta

Esteira montada



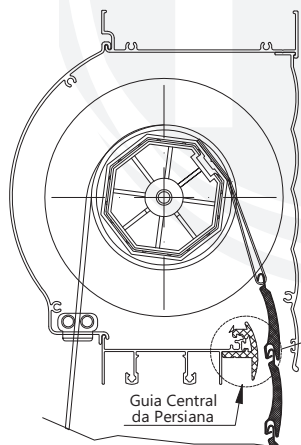
DETALHE DE APLICAÇÃO
sem escala



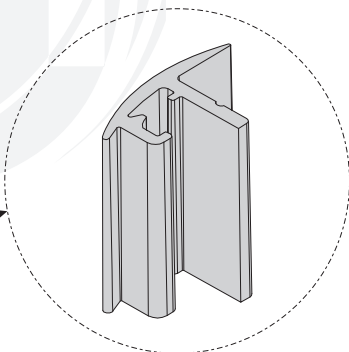
PERSPECTIVA
sem escala

Código	Descrição
GUIA10002PTO	Guia da cinta do recolhedor (preta)
GUIA10002BCO	Guia da cinta do recolhedor (branca)

Código (ver tabela)	Guia da cinta do recolhedor em poliamida
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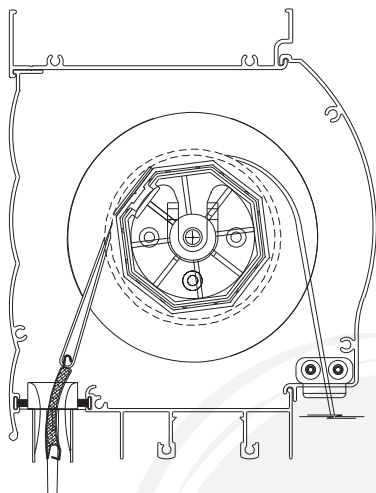
DETALHE DE APLICAÇÃO
sem escala



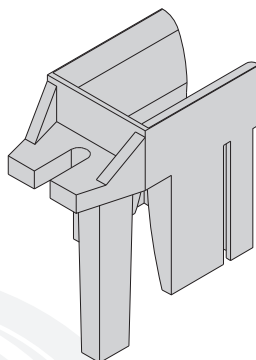
PERSPECTIVA
sem escala

Código	Descrição
GUIA10003PTO	Guia central da persiana em poliamida (preta)
GUIA10003BCO	Guia central da persiana em poliamida (branca)

Código (ver tabela)	Guia central da persiana em poliamida
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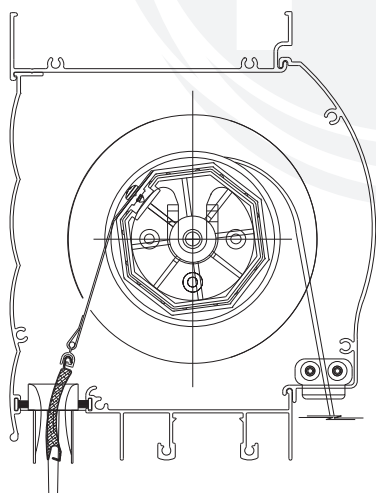
DETALHE DE APLICAÇÃO
sem escala



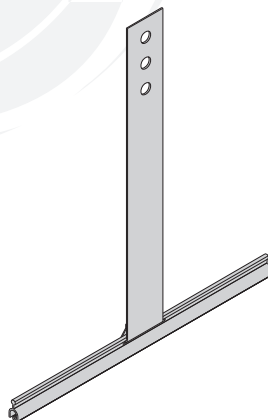
PERSPECTIVA
sem escala

Código	Descrição
NYLO00370PTO	Guia da persiana em poliamida (preto)
NYLO00370BCO	Guia da persiana em poliamida (branco)

Código (ver tabela)	Guia da persiana em poliamida
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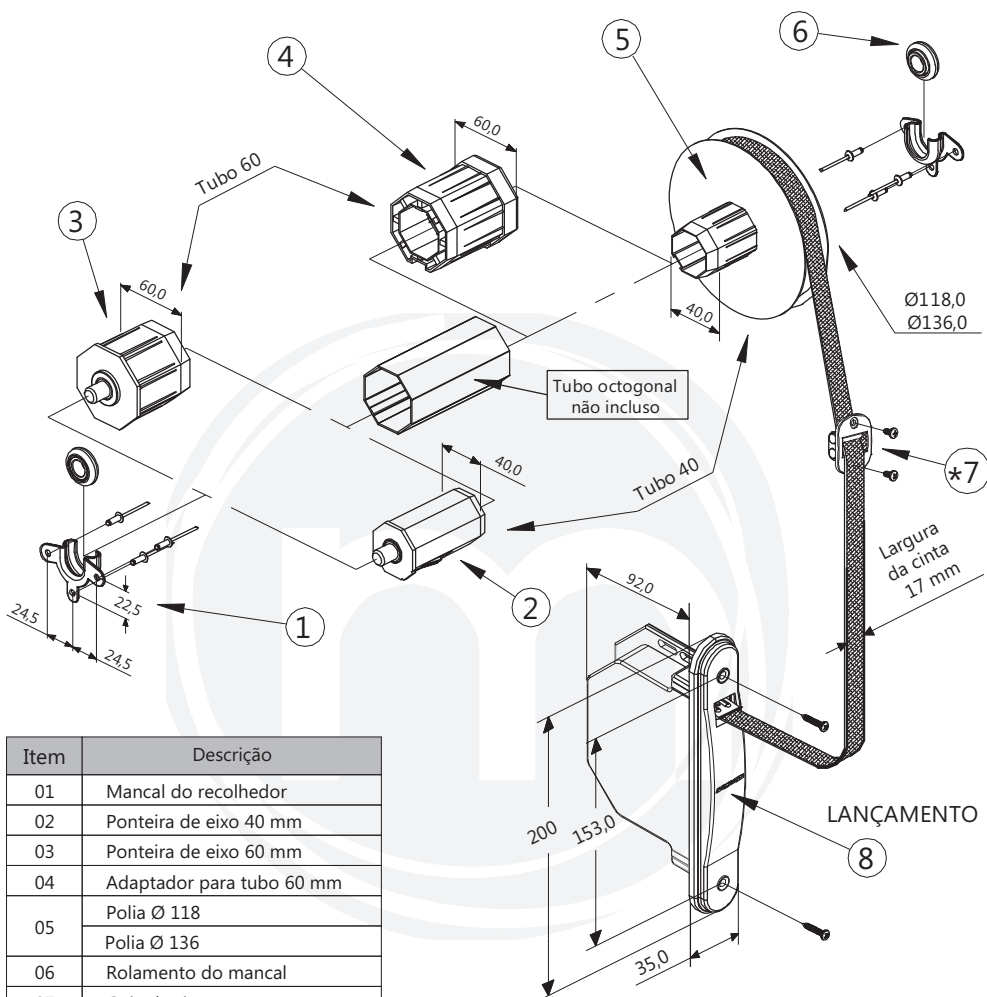


DETALHE DE APLICAÇÃO
sem escala



PERSPECTIVA
sem escala

FITO007490	Mola de segurança para fixação da esteira
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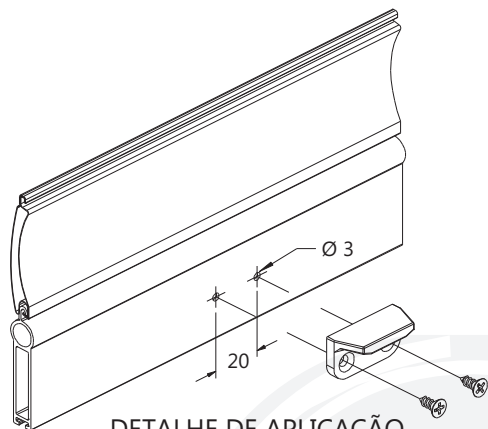


Item	Descrição
01	Mancal do recolhedor
02	Ponteira de eixo 40 mm
03	Ponteira de eixo 60 mm
04	Adaptador para tubo 60 mm
05	Polia Ø 118
	Polia Ø 136
06	Rolamento do mancal
07	Guia da cinta
08	Máquina com espelho e caixa

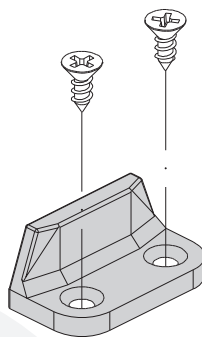
Código (preto)	Código (branco)	Tubo (mm)	Polia (mm)	Aplicação
REC-120	REC-120 EB	40	Ø 118	Janela
REC-121	REC-121 EB	40	Ø 136	Porta
REC-122	REC-122 EB	60	Ø 118	Janela
REC-123	REC-123 EB	60	Ø 136	Porta

Código (ver tabela)

Recolhedor



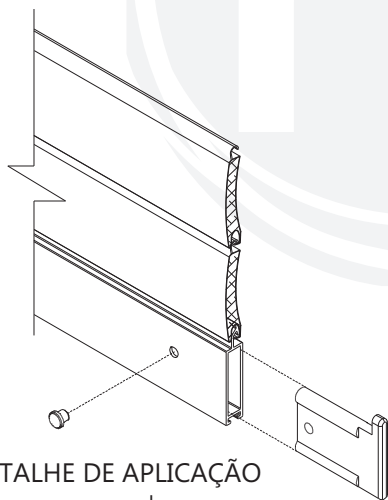
DETALHE DE APLICAÇÃO
sem escala



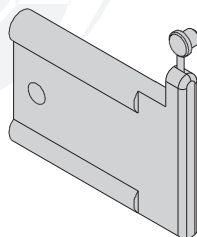
PERSPECTIVA
sem escala

Código	Descrição
NYLO00738PTO	Limitador de abertura (preto)
NYLO00738BCO	Limitador de abertura (branco)

Código (ver tabela)	Limitador de abertura
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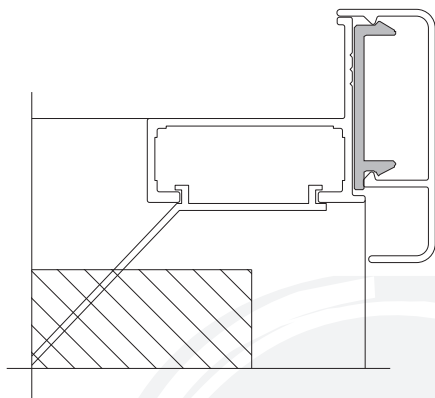
DETALHE DE APLICAÇÃO
sem escala



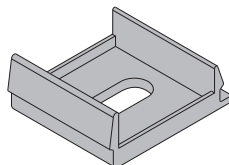
PERSPECTIVA
sem escala

Código	Descrição
NYLO00369PTO	Guia e limitador da persiana (preta)
NYLO00369BCO	Guia e limitador da persiana (branca)

NYLO00369	Guia e limitador da persiana
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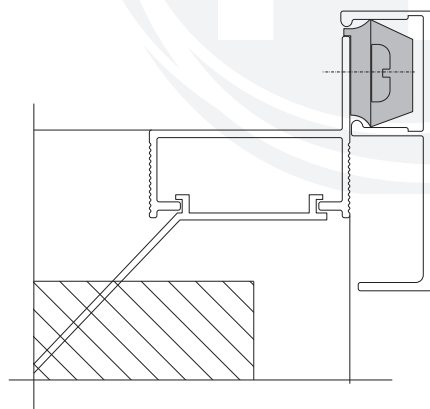
DETALHE DE APLICAÇÃO
sem escala



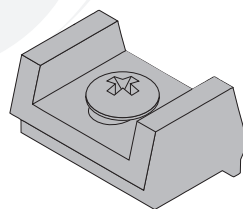
PERSPECTIVA
sem escala

PREO0965PTO

Presilha do arremate



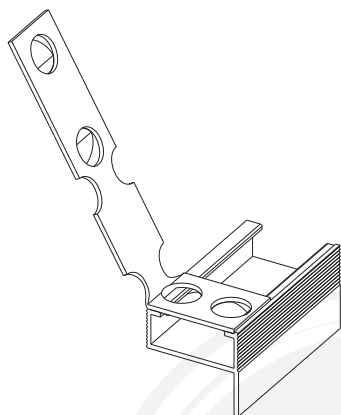
DETALHE DE APLICAÇÃO
sem escala



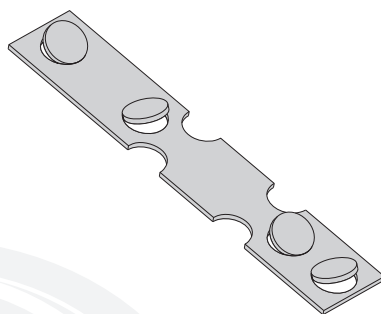
PERSPECTIVA
sem escala

NYLO0190PTO

Presilha do arremate



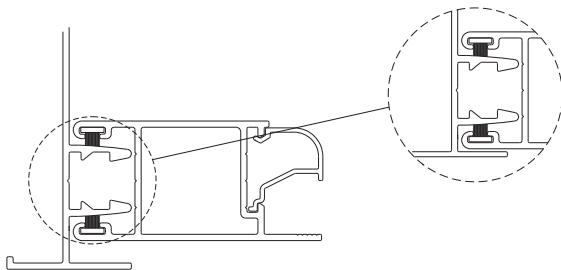
DETALHE DE APLICAÇÃO
sem escala



PERSPECTIVA
sem escala

CHU-00787

Chumbador para contramarcos (natural)

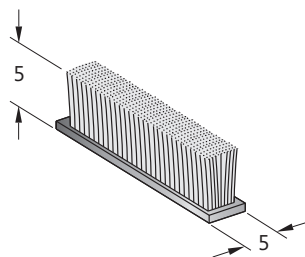


DETALHES DE APLICAÇÃO

sem escala

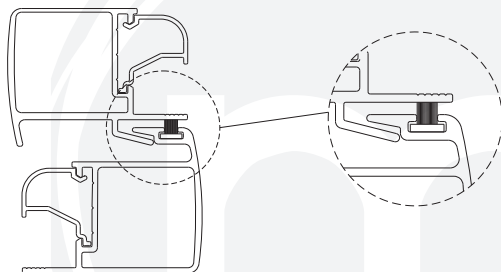
FITASB05X05BCO

Fita vedadora s/ barreira plástica 5 x 5 mm



PERSPECTIVA

sem escala

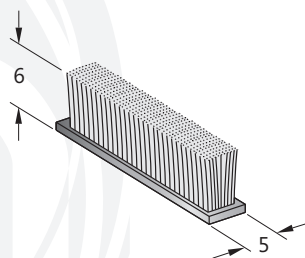


DETALHES DE APLICAÇÃO

sem escala

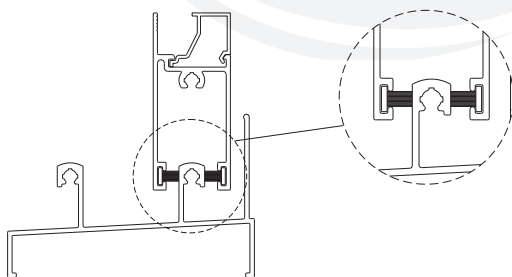
FITASB05X06BCO

Fita vedadora s/ barreira plástica 5 x 6 mm



PERSPECTIVA

sem escala

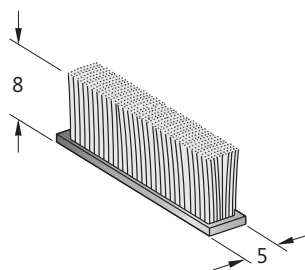


DETALHES DE APLICAÇÃO

sem escala

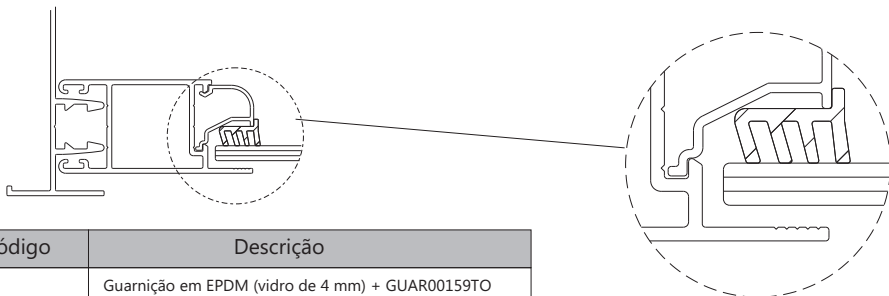
FITASB05X08BCO

Fita vedadora s/ barreira plástica 5 x 8 mm



PERSPECTIVA

sem escala



Código	Descrição
GUAR00256PTO	Guarnição em EPDM (vidro de 4 mm) + GUAR00159TO
	Guarnição em EPDM (vidro de 5 mm) + GUAR00258PTO
GUAR00259PTO	Guarnição em EPDM (vidro de 6 mm) + GUAR00258PTO

Código (ver tabela)	Guarnição em EPDM (preta)
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DETALHE DE APLICAÇÃO
sem escala



Código	Descrição
GUAR00157PTO	Guarnição em EPDM (vidro de 4 mm)
GUAR00258PTO	Guarnição em EPDM (vidro de 5 mm)
	Guarnição em EPDM (vidro de 6 mm)

Código (ver tabela)	Guarnição em EPDM (preta)
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DETALHE DE APLICAÇÃO
sem escala



Código	Descrição
GUAR00284PTO	Guarnição em EPDM (vidro de 4 mm)
GUAR00283PTO	Guarnição em EPDM (vidro de 5 mm)
	Guarnição em EPDM (vidro de 6 mm)

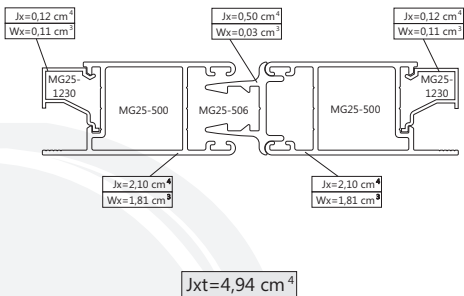
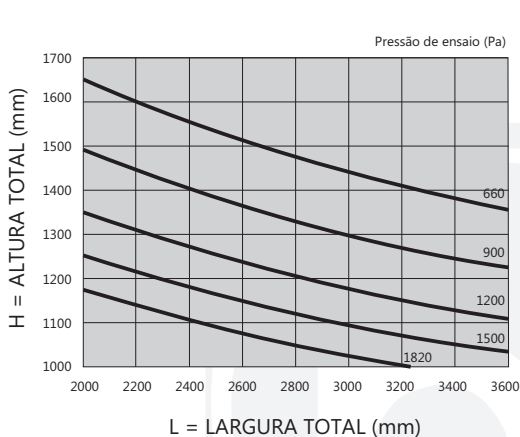
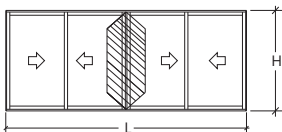
Código (ver tabela)	Guarnição em EPDM (preta)
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DETALHE DE APLICAÇÃO
sem escala

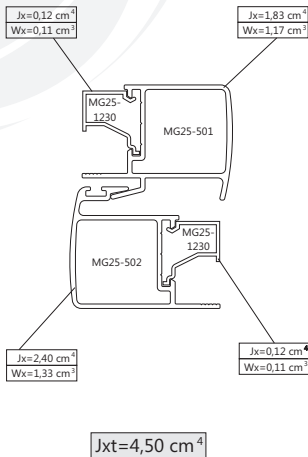
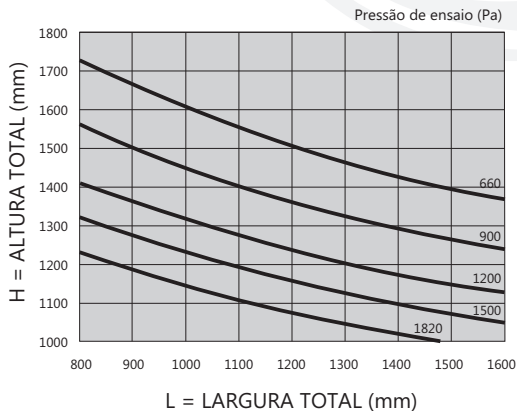
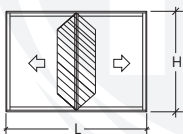


GRÁFICOS

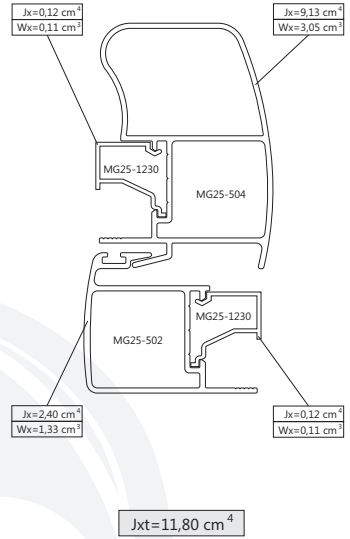
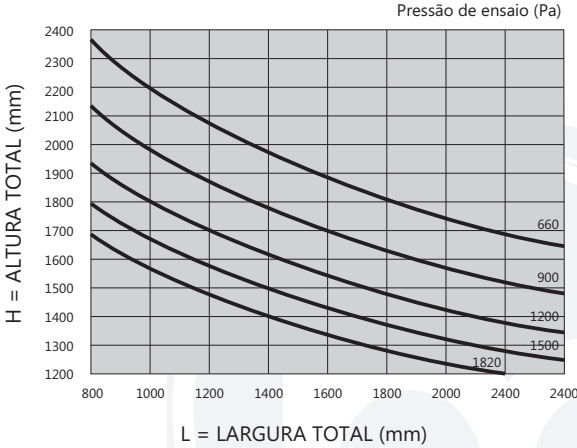
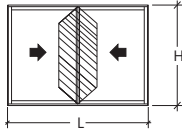
Central 4 Folhas



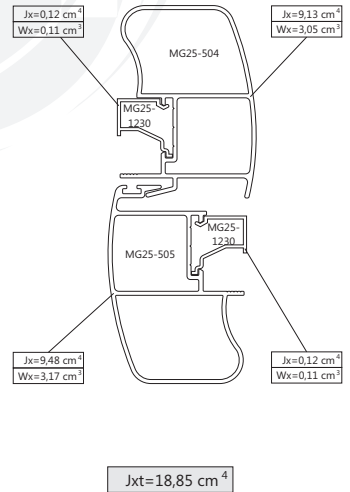
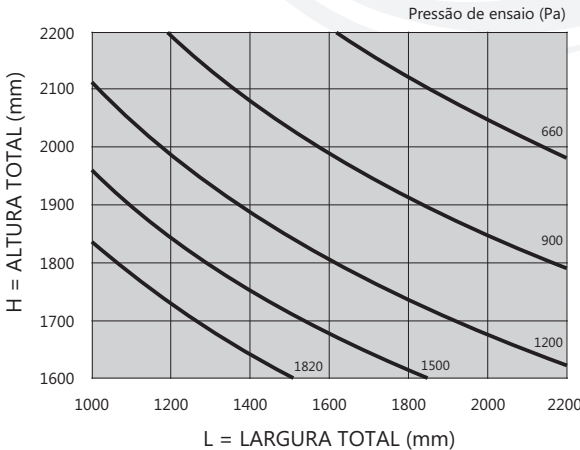
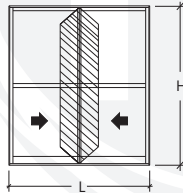
Montante Central



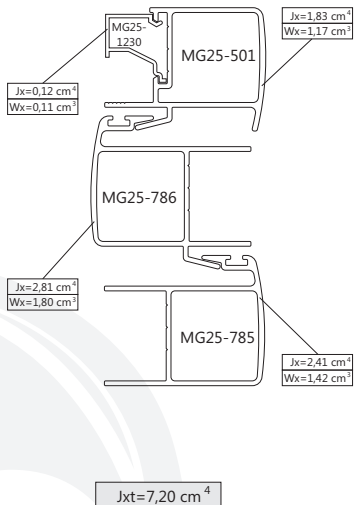
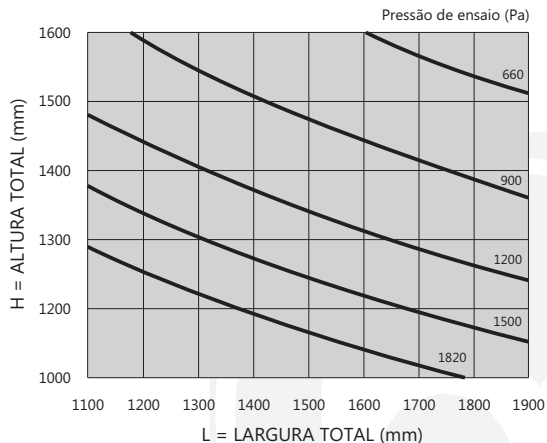
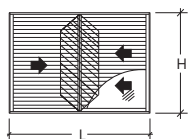
Montante Central



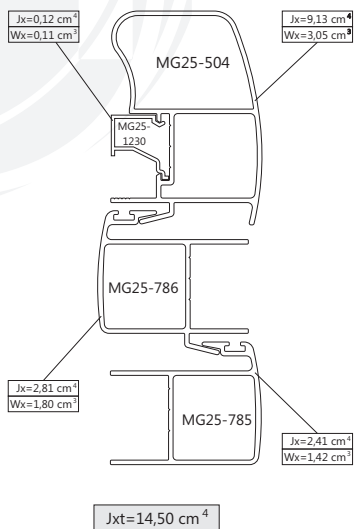
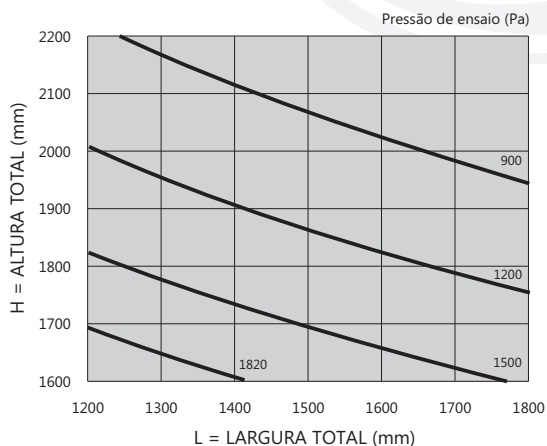
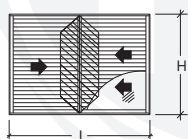
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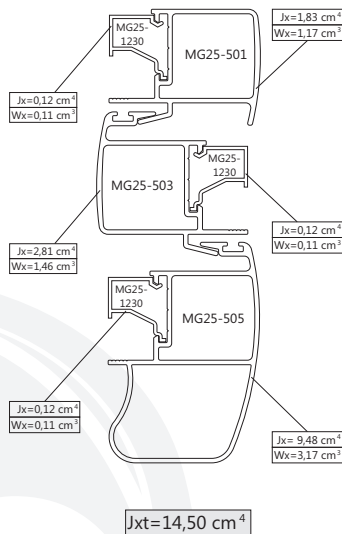
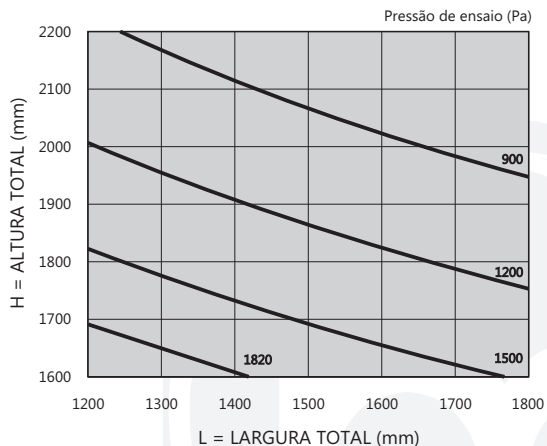
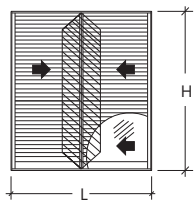
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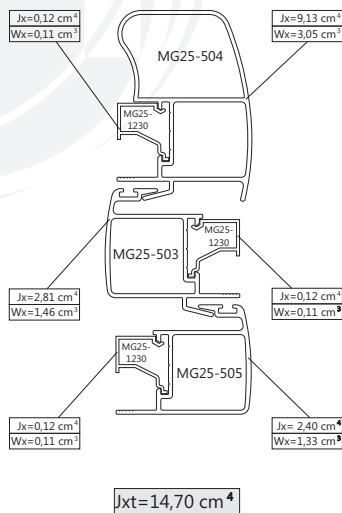
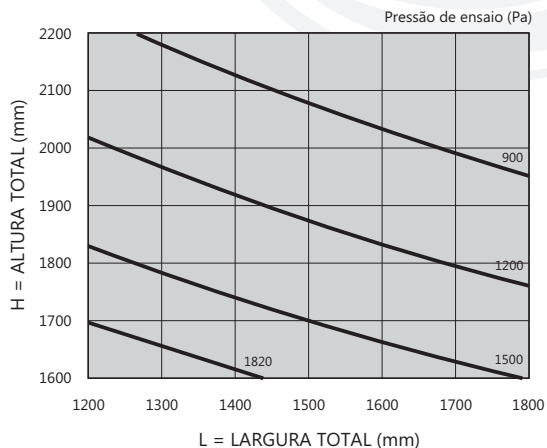
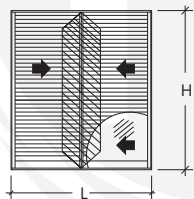
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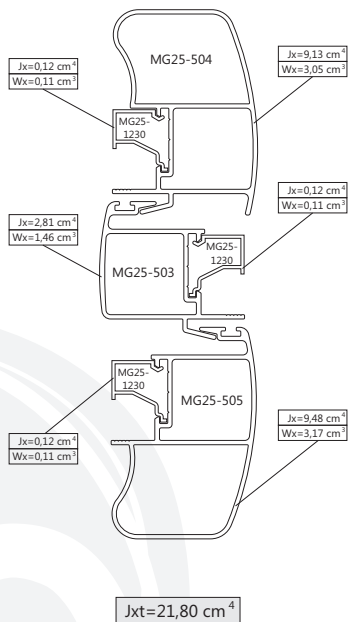
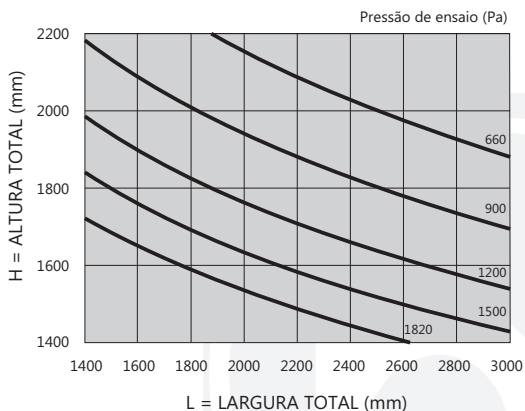
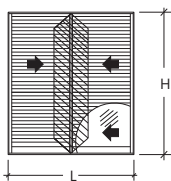
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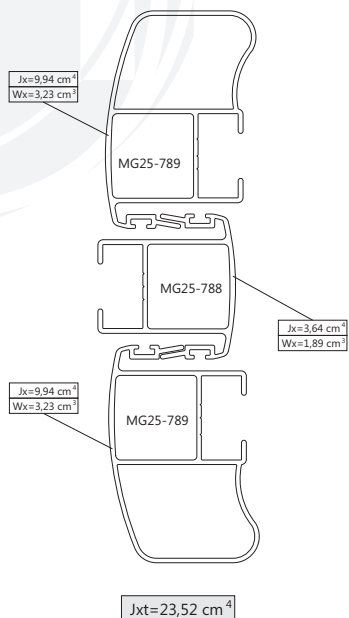
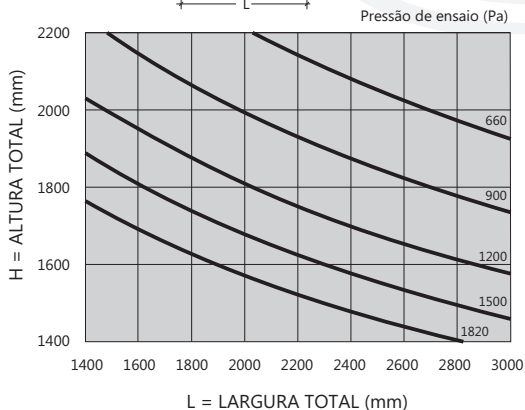
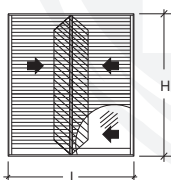
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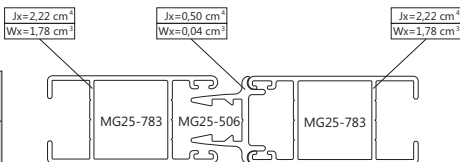
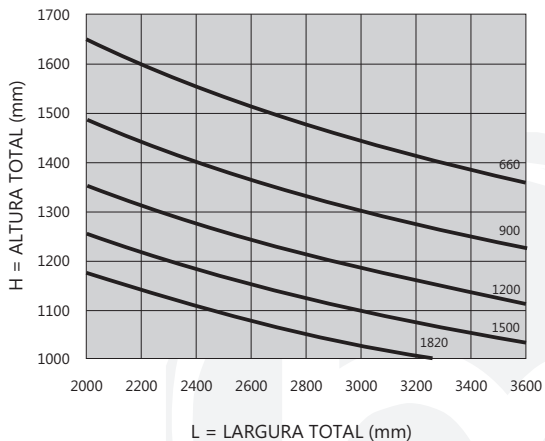
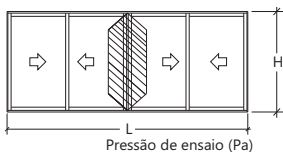
Montante Central



Montante Central

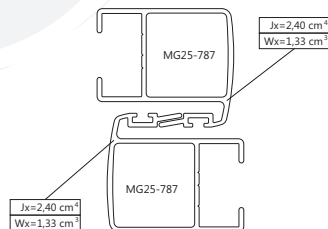
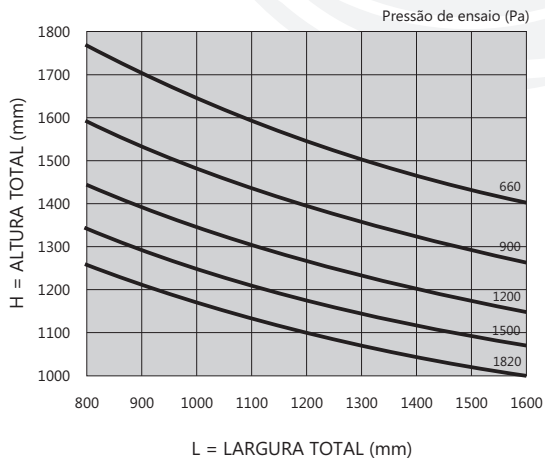
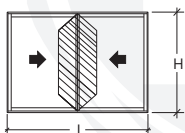


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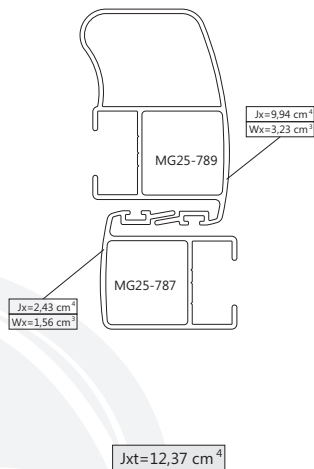
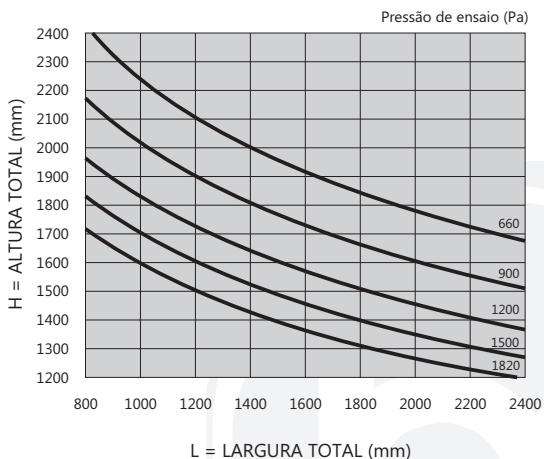
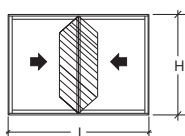
$J_{xt}=4,94 \text{ cm}^4$

Montante Central

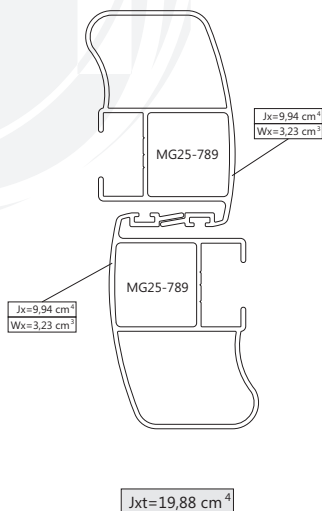
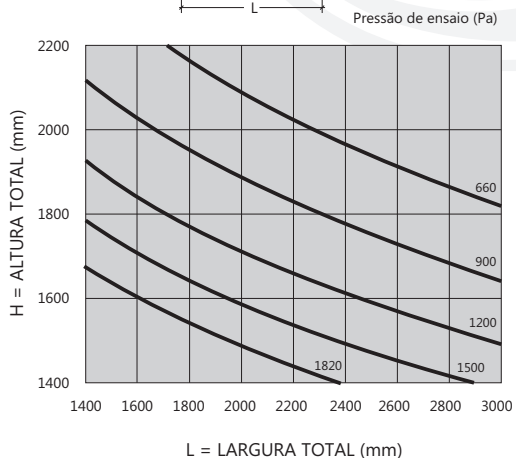
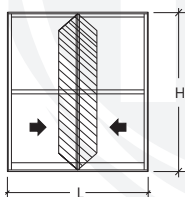


$J_{xt}=4,50 \text{ cm}^4$

Montante Central

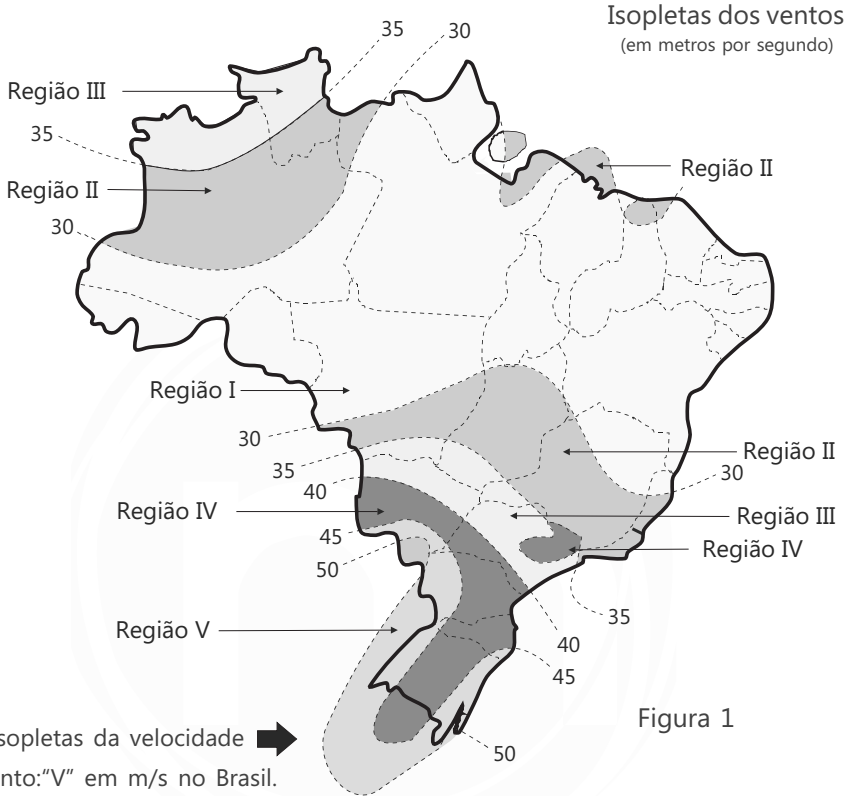


Montante Central





NORMAS



No Brasil, o comportamento estrutural de uma esquadria esta regulamentada pela NORMA NBR 10821.

Esta norma fixa as condições de desempenho de caixilhos em edificações residenciais e comerciais e visa assegurar ao consumidor, o recebimento de produtos com condições mínimas exigíveis de

desempenho, especificamente quanto à resistência a cargas uniformemente distribuídas e que apresenta um roteiro de cálculo da pressão de ensaio (vento e vedação).

ABNT NBR 10821 - Esquadrias externas para edificações

Tabela 1

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



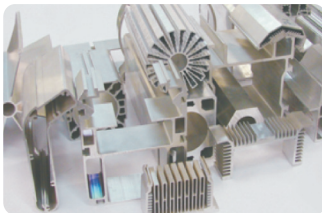
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A Asa Alumínio é uma empresa atuante, possui as instalações mais modernas do setor e está preparada para atender os mercados mais exigentes do mundo. Ocupando uma área com mais de 540 mil m², sendo 120 mil m² de área construída, a Asa Alumínio está dividida em duas Unidades.

O **Complexo Industrial 1**, unidade matriz onde estão instaladas as quatro prensas, **P-15, P-18, P-20 e P-35**.

E, o novíssimo complexo 2, com as duas prensas, **P-21 e P-40**. A proposta foi construir a nova fábrica, mantendo a integração com a planta existente. Juntas somam uma capacidade para 70 mil toneladas de perfis por ano.



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