

ALUGARBE



Sistema de Batente

Série Corte Térmico

Série Extrusal A.100

EXTRUSAL A.100

SISTEMA DE BATENTE
SÉRIE CORTE TÉRMICO



ALUGARBE
COMÉRCIO DE ALUMÍNIO, LDA.

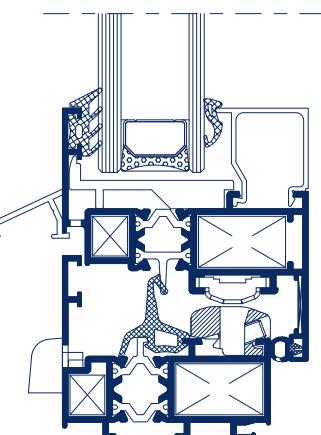
CONSTRUÇÃO SUSTENTÁVEL

O A.100 Extrusal, composto por três sistemas, foi concebido para a construção de janelas com elevados desempenhos proporcionando o máximo conforto das habitações.

A versão A.175, a excelência do sistema, apresenta os melhores resultados AEV, mecânicos, acústicos e térmicos do conjunto. As outras duas soluções, A.165 e A.155, são as versões mais económicas do sistema.

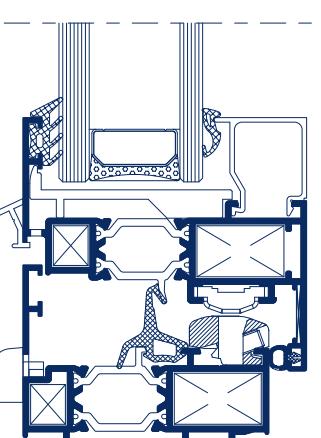
SOLUÇÕES CONSTRUTIVAS

- Aro fixo com corte à meia esquadria - perfis unidos
- Envidraçados fixos;
- Janelas projetantes;
- Abertura oscilo paralela e em harmónio;
- Compatível com o A.055 SISTEMA DE PORTAS;
- Soluções para substituição de janelas em madeira e montagem de janelas em paredes de blocos com isolamento na face interior.



DIMENSIONAMENTO

- Esquadros específicos em alumínio extrudido;
- Perfis com duplo tubular para esquadros de estrutura;
- Esquadros comuns para o aro fixo e móvel;
- Possibilidade de montagem de perfis de remate.



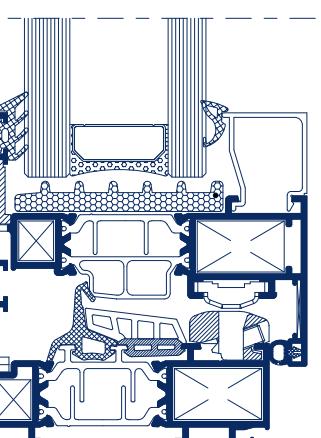
DIMENSIONAMENTO

Folhas móveis:
390 mm ≤ altura ≤ 2700 mm
390 mm ≤ largura ≤ 1400 mm

Valores condicionados pelas diferentes tipologias construtivas.
Medidas superiores sujeitas a consulta.

FERRAGENS

Peso máximo por folha: 130 Kg (solução batente e oscilobatente);
Peso máximo por folha: 120 Kg (solução projectante);
Peso máximo por folha: 70 Kg (solução basculante).



CAPACIDADE DO ENVIRADAÇAMENTO

A.175 : 38 mm < espessura do vidro < 54 mm
- Junta perimetral para gola em espuma elastomérica;

- Vedante central com complemento bicomponente.

A.165 : 30 mm < espessura do vidro < 46 mm

A.155 : 20 mm < espessura do vidro < 36 mm

Vedantes em EPDM.

PERFIS DE ALUMÍNIO

Termicamente melhorados (RPT).

Comprimento standa rd: 6500 mm.

Espessura nominal geral dos perfis: 1.5 mm para janelas e
1.6 mm para sacadas.

Poliamidas Technoform Bautec: PA 6.6 GF 25 (25% fibra de vidro)

- espessuras de 34 mm (A.175), 24.8 mm (A.165) e

Liga EN AW-6060 [Al MgSi].

Composição química de acordo com a norma EN 573-3.

Tolerâncias nas dimensões e na forma de acordo
com a norma EN 755-9.

Estado das propriedades mecânicas EPM T5

(standard) de aço rústico com a norma EN 755-2:

$R_{p0.2} \geq 120$ Mpa .

$R_m \geq 160$ Mpa.

$A_{50mm} \geq 6\%$.



DESEMPENHOS

ENSAIO DO TIPO INICIAL (ITT)

Boletim de ensaio nº 26/2012

Organismo notificado nº 0856

Janela composta por duas folhas giratórias de eixo vertical e um sistema oscilobatente na folha prioritária.

Dimensão: 1600 mm x 2000 mm

Versão: A.175



Boletim de ensaio nº 29/2012

Organismo notificado nº 0856

Janela composta por duas folhas giratórias de eixo vertical e um sistema oscilobatente na folha prioritária.

Dimensão: 1600 mm x 2000 mm

Versão: A.155 / A.165



DESEMPENHO ACÚSTICO

Relatório nº ACU 459/2012 | nºACL 205/12 | nºACL 206/12

Organismo notificado nº 1239



Valor declarado de referência (*) da atenuação acústica segundo o anexo B da norma NP EN 14351-1+A1.

Vidro	Janela Rw (C;Ctr)	
Rw (C;Ctr)	Área ≤ 2.7m ²	Área > 4.6m ²
38 (-1;-4) dB	37 (-1;-4) dB	34 (-1;-4) dB
41 (-1;-3) dB	38 (-1;-4) dB	37 (-1;-4) dB
42 (-1;-3) dB	39 (0;-3) dB	38 (0;-3) dB

COEFICIENTE DE TRANSMISSÃO TÉRMICA

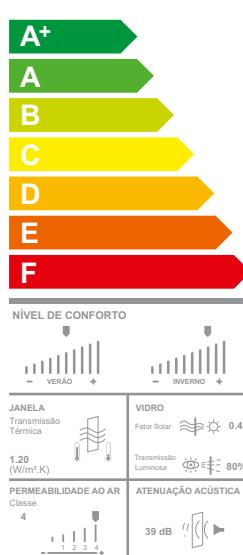
Relatório nº HIG 706/2012; HIG 707/2012;

Organismo notificado nº 2211

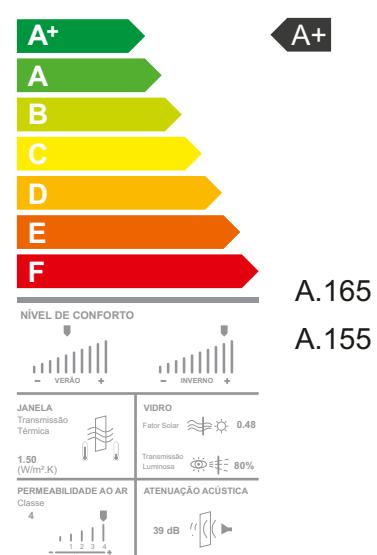


Uw: Coeficiente de transmissão térmica da janela (W/m²K)
Aw: Área da janela (m²)
Ug: Coeficiente de transmissão térmica do vidro (W/m²K)
Uf: Coeficiente de transmissão térmica dos perfis (W/m²K)

SISTEMA DE ETIQUETAGEM ENERGÉTICA DE PRODUTOS



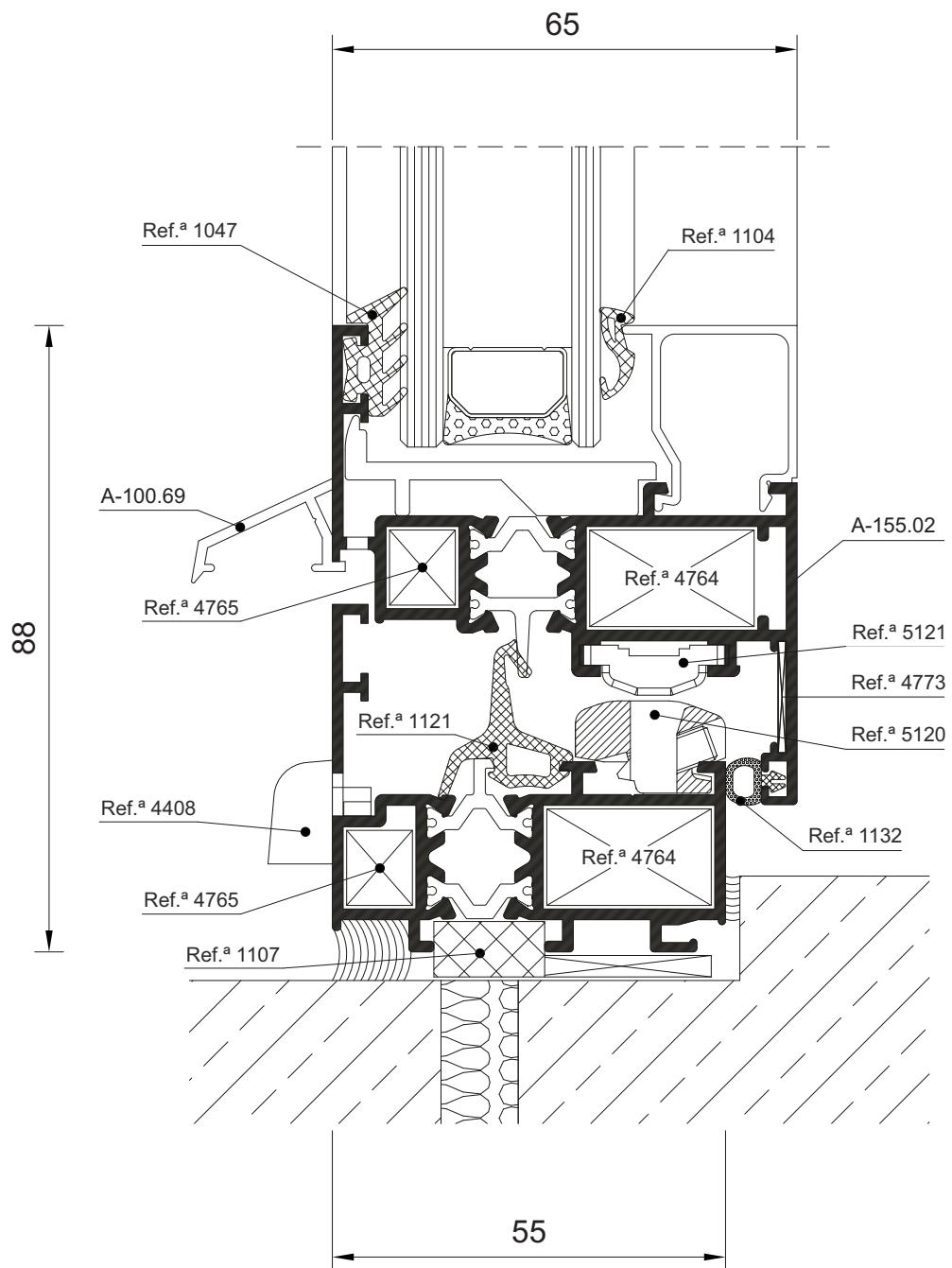
A+ CLASS +





SOLUÇÃO BASE

Envergadura da folha (mm)



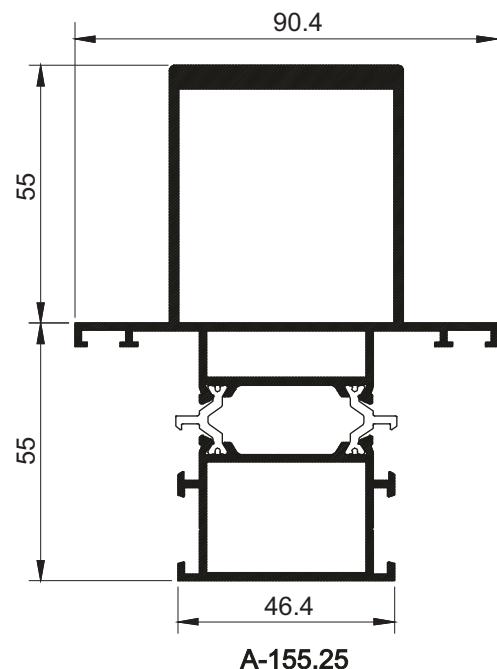
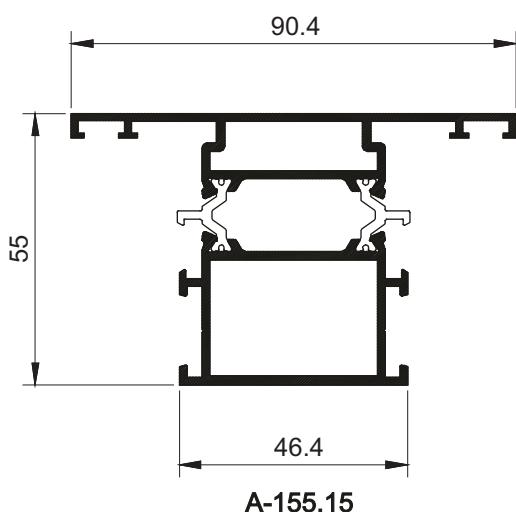
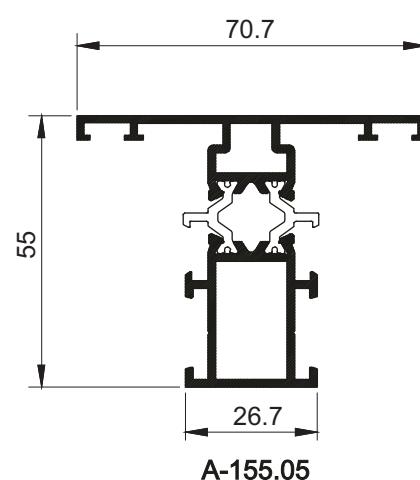
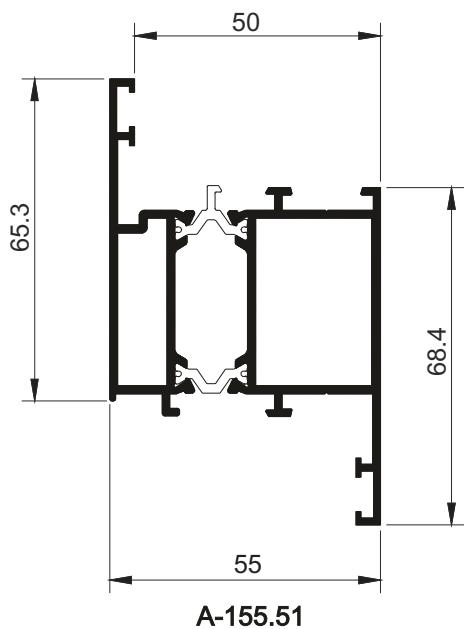
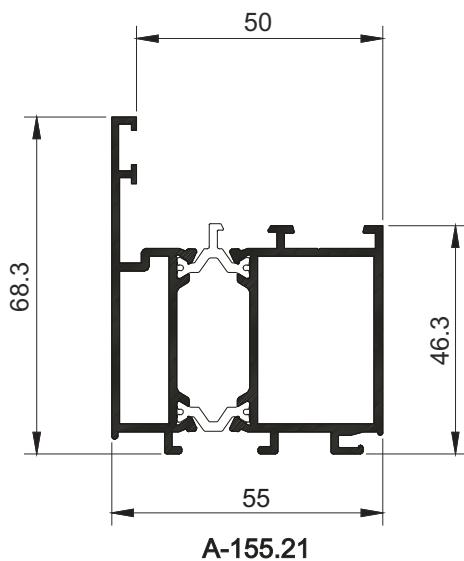
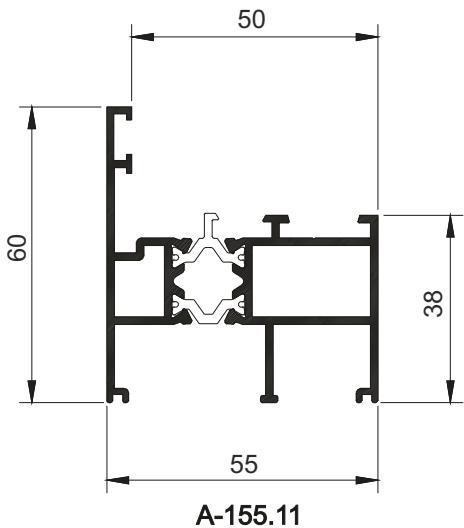
Envergadura do aro (mm)



Referência	Secção	Descrição	Stock
A-155.02		Aro Móvel Peq. Recto	•
A-155.03		Postiço Central	•
A-155.05		«T» Pequeno	•
A-155.06		Perfil de Condensação	
A-155.11		Aro Fixo	•
A-155.12		Aro Móvel Grande Recto	•
A-155.15		«T» Grande	•
A-155.21		Aro Fixo Grande	•
A-155.22		Aro Móvel Peq. Redondo	•
A-155.25		«T» Grande Reforçado	
A-155.33		Aro Móvel Abertura Exterior Recto	•
A-155.35		«T» Grande P/Aro Móvel Redondo	•
A-155.36		Inversor P/Pivotante	
A-155.37		Aro Fixo P/Projectante	
A-155.38		Inversor Sentido de Abertura	
A-155.42		Aro Móvel Grande Redondo	•
A-155.43		Aro Móvel Projectante/Pivotante	
A-155.45		Aro Fixo Decorativo	•
A-155.51		Aro Fixo com Aba Interior	•
A-155.55		«T» Grande P/Aro Móvel Recto	•
A-155.98		Soleira de Vedação	•



Referência	Secção	Descrição	Stock
A-100.21	Λ	Bite 14.5 mm	•
A-100.22	Λ	Bite 16.5 mm	•
A-100.23	Λ	Bite 18.5 mm	•
A-100.24	Λ	Bite 20.5 mm	•
A-100.25	Λ	Bite 22.5 mm	•
A-100.26	Λ	Bite 24.5 mm	•
A-100.27	Λ	Bite 26.5 mm	•
A-100.28	Λ	Bite 28.5 mm	•
A-100.29	Λ	Bite 30.5 mm	•
A-100.30	Λ	Bite 32.5 mm	•
A-100.61	—	Barra de Cremone	•
A-100.69	↗	Pingadeira	•
A-100.80	—	Perfil de Ligação 94x15 mm	•
A-100.81	—	Remate 117x30 mm	
A-100.82	—	Remate 170x22.5 mm	
A-100.83	—	Remate 62x60 mm	
A-100.84	—	Remate 32x30 mm	
A-100.85	—	Remate 60x15 mm	
A-100.96	—	Remate P/Travessa Inferior	•
A-100.97	—	Remate P/Aro Móvel inferior	•
A-100.99	—	Pingadeira de Clipar	•

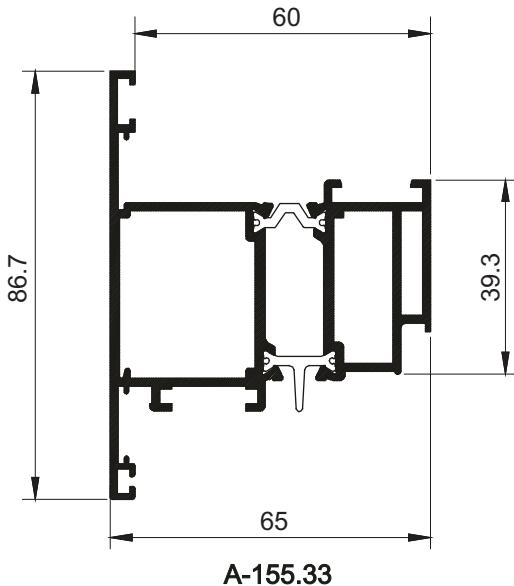
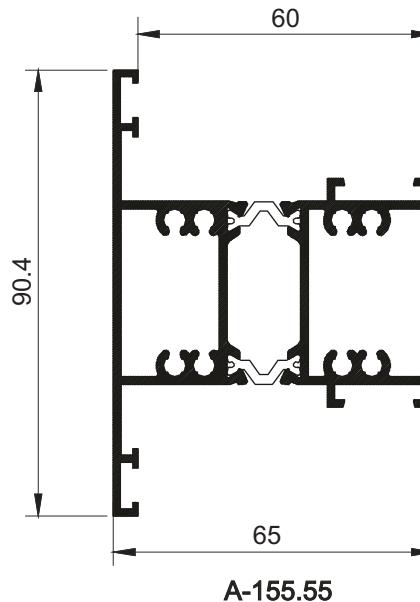
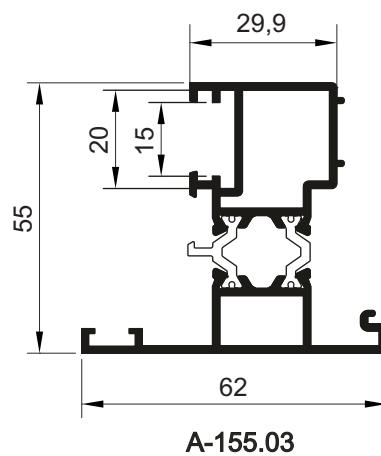
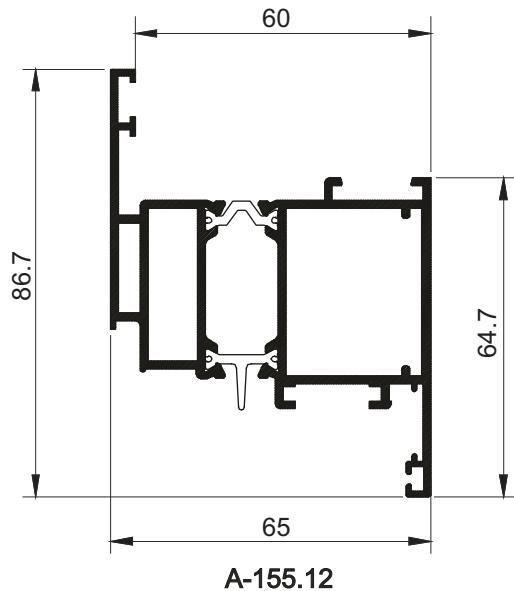
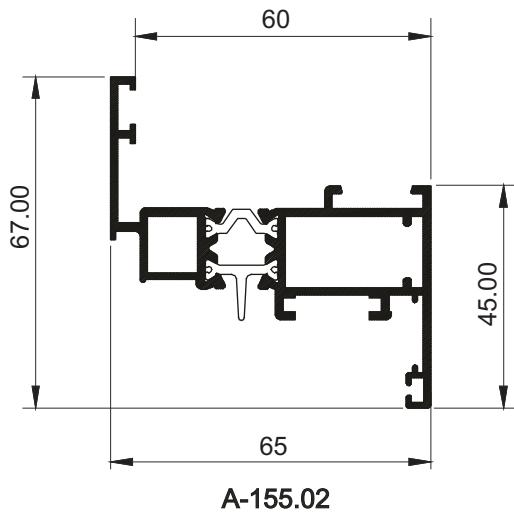


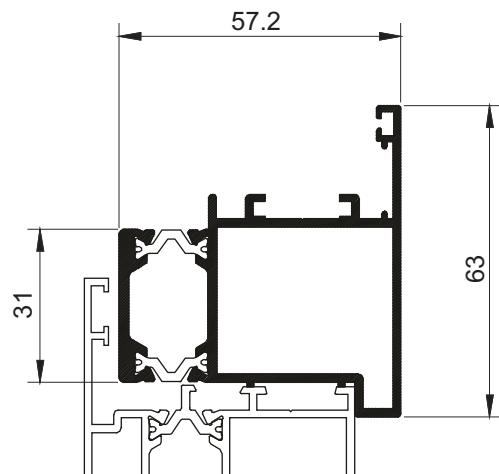
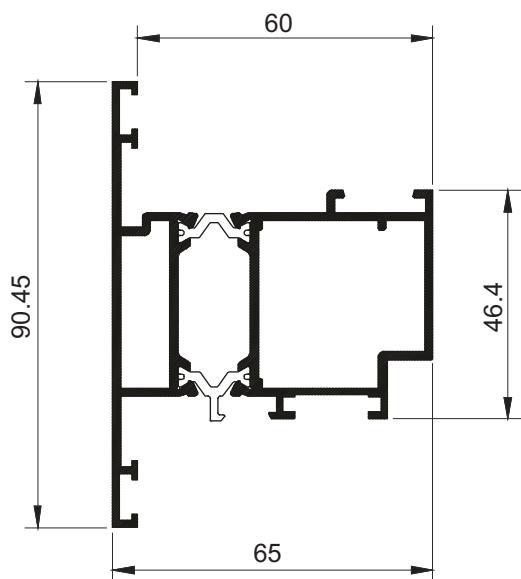
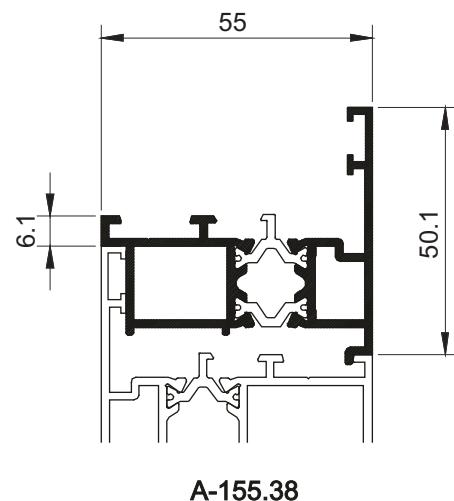
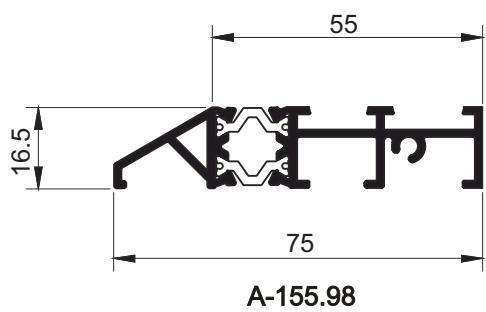
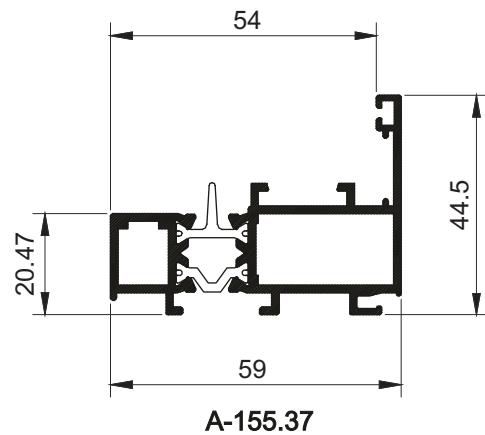
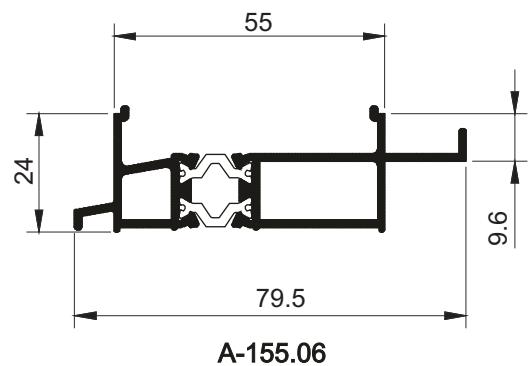
EXTRUSAL A.155

SISTEMA DE BATENTE
SÉRIE CORTE TÉRMICO

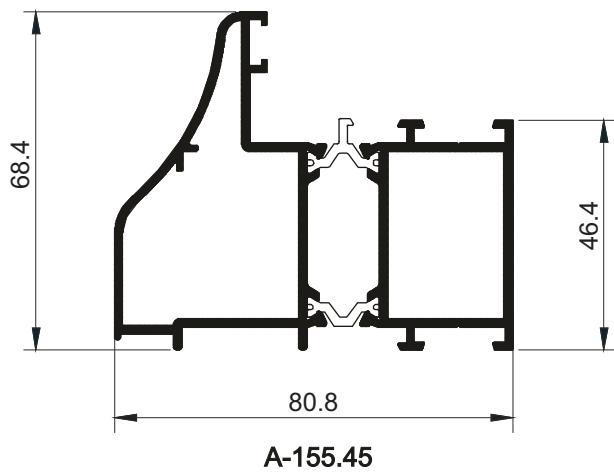
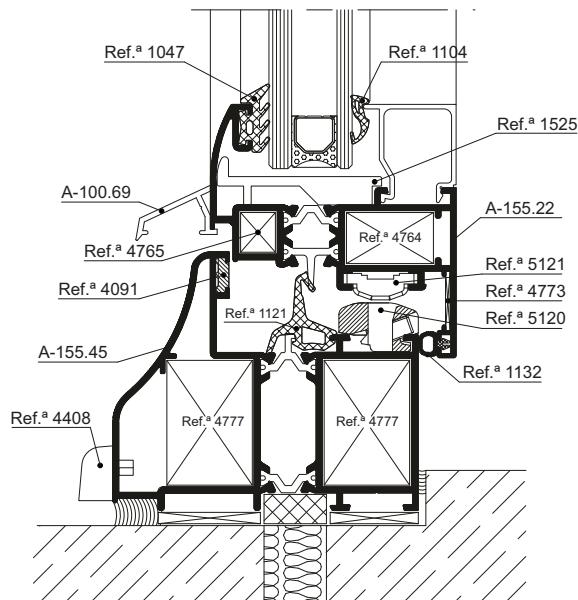


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COMÉRCIO DE ALUMÍNIO, LDA.

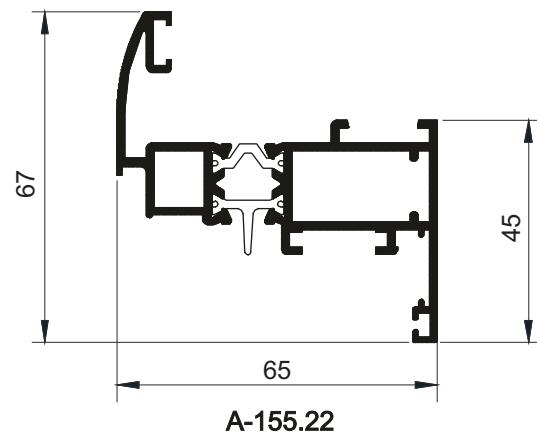




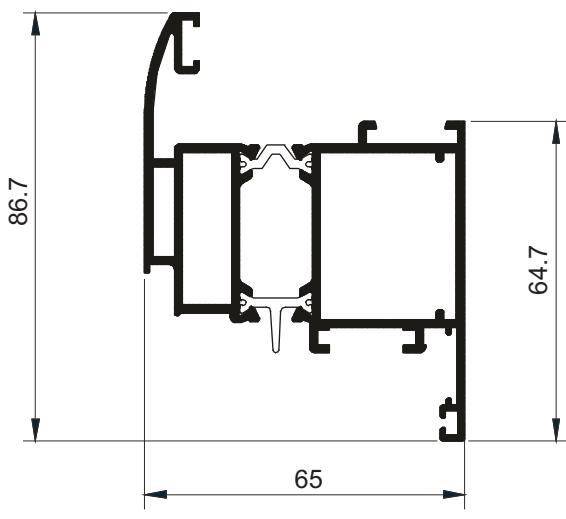
PERFIS CURVOS



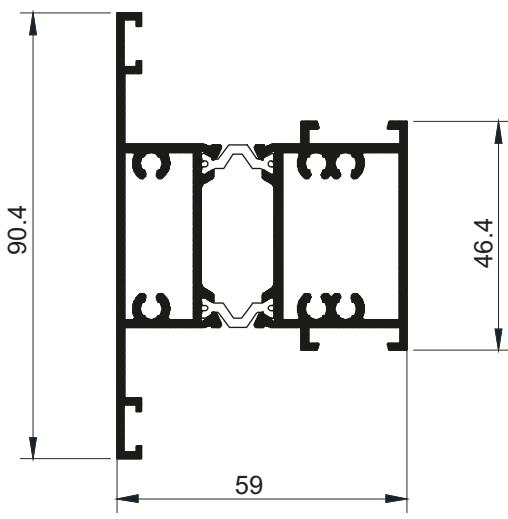
A-155.45



A-155.22



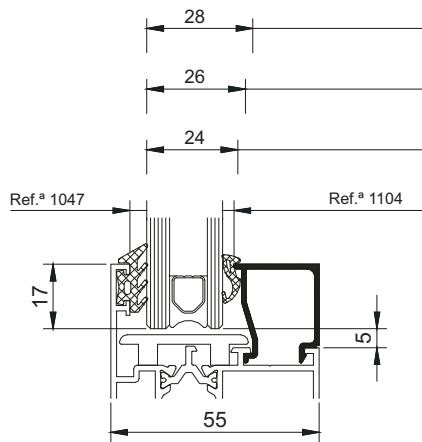
A-155.42



A-155.35



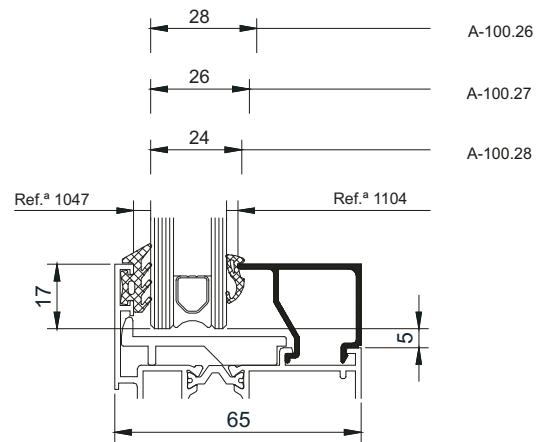
ENVIDRAÇAMENTO



A-100.21

A-100.22

A-100.23

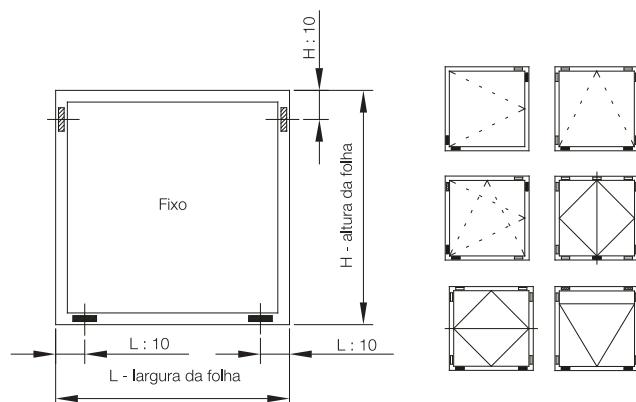


A-100.26

A-100.27

A-100.28

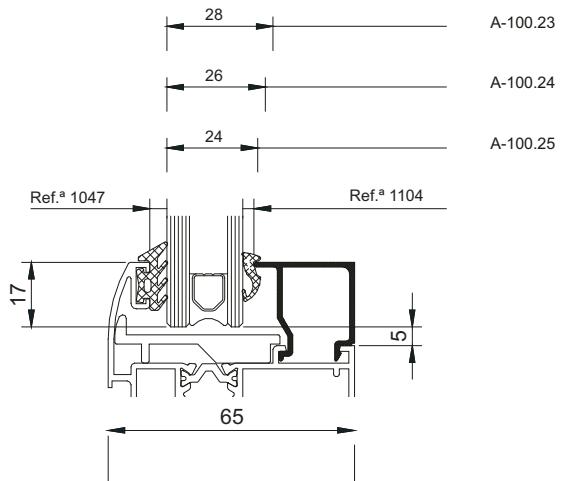
Posicionamento dos calços



CALÇOS DE APOIO

CALÇOS PERIFÉRICOS NORMAIS

CALÇOS PERIFÉRICOS SEGURANÇA



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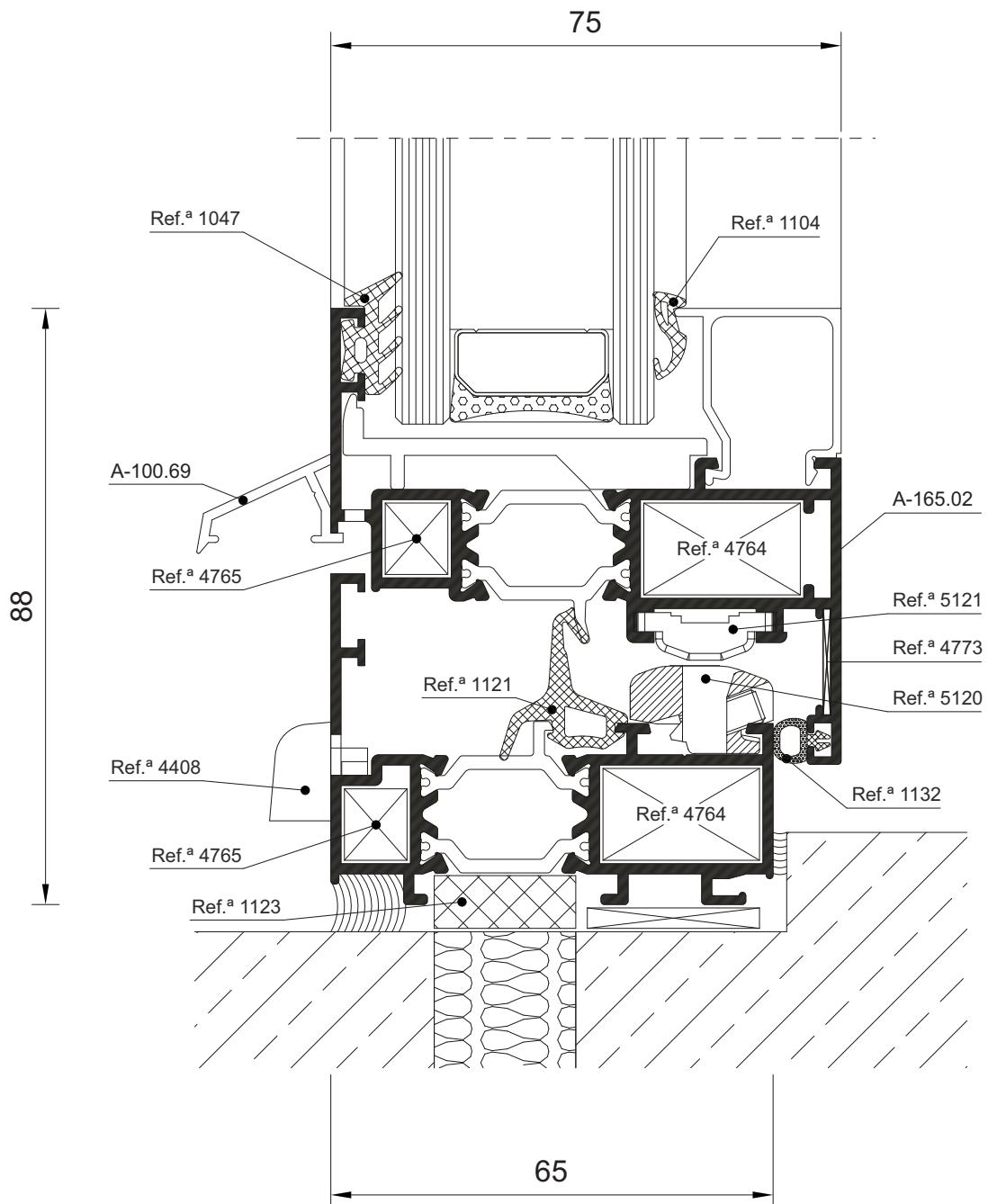
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A-100.25



SOLUÇÃO BASE

Envergadura da folha (mm)



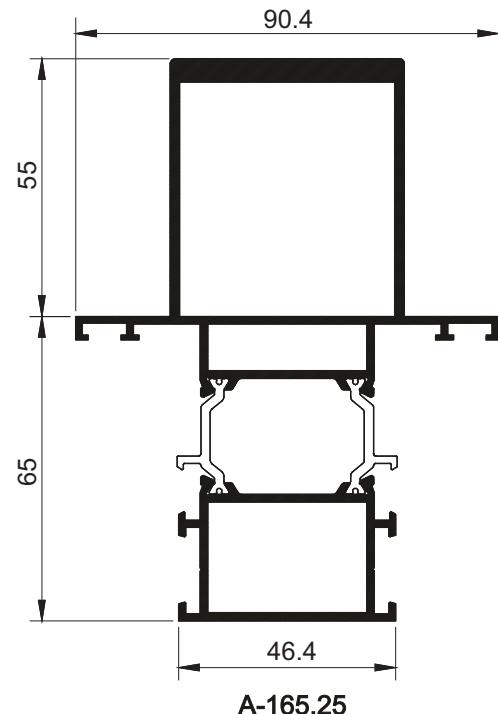
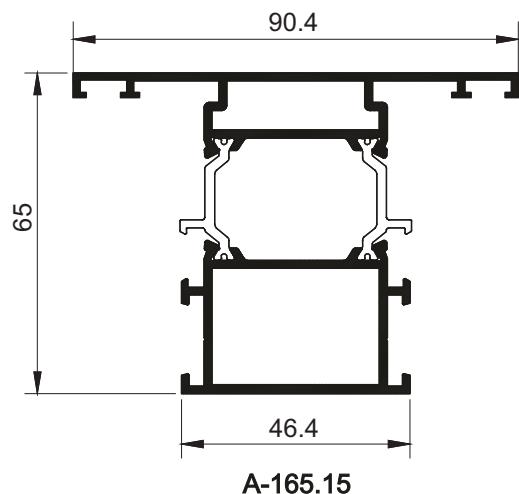
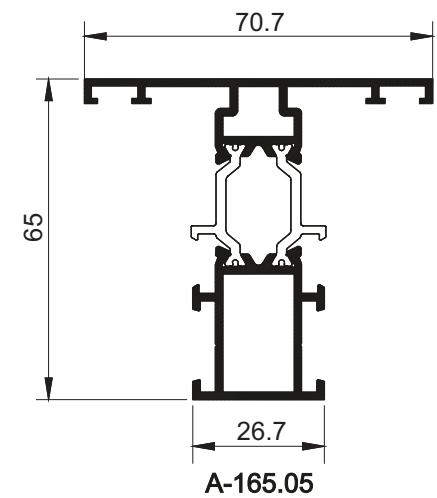
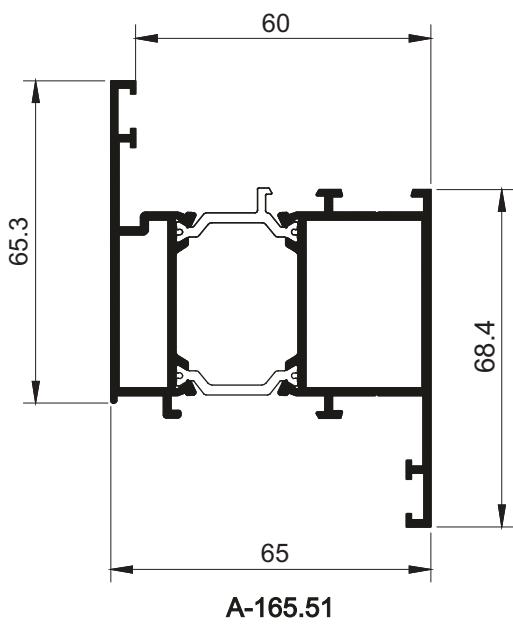
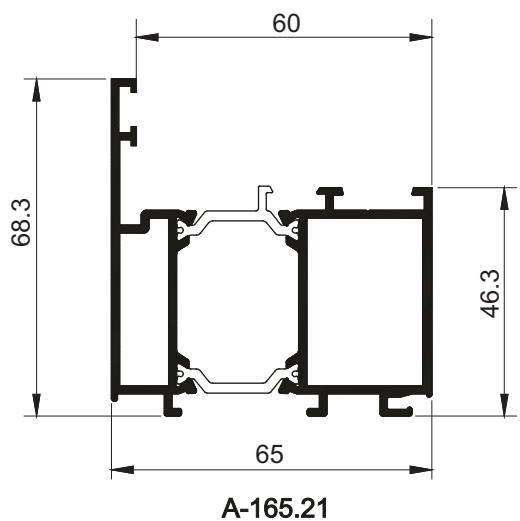
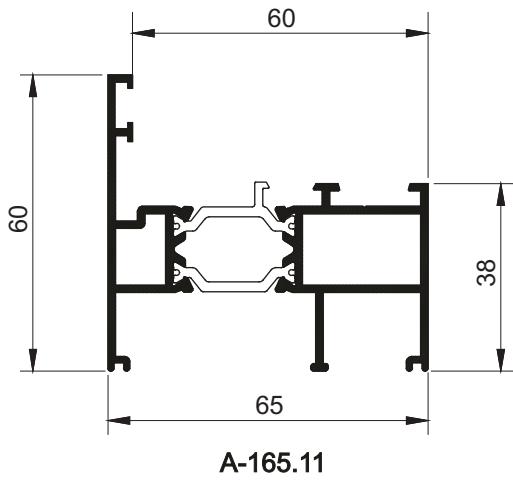
Envergadura do aro (mm)



Referência	Secção	Descrição	Stock
A-165.02		Aro Móvel Peq. Recto	•
A-165.03		Postiço Central	•
A-165.05		«T» Pequeno	•
A-165.06		Perfil de Condensação	
A-165.11		Aro Fixo	•
A-165.12		Aro Móvel Grande Recto	•
A-165.15		«T» Grande	•
A-165.21		Aro Fixo Grande	•
A-165.22		Aro Móvel Peq. Redondo	•
A-165.25		«T» Grande Reforçado	
A-165.33		Aro Móvel Abertura Exterior Recto	•
A-165.35		«T» Grande P/Aro Móvel Redondo	•
A-165.36		Inversor P/Pivotante	
A-165.37		Aro Fixo P/Projectante	
A-165.38		Inversor Sentido de Abertura	
A-165.42		Aro Móvel Grande Redondo	•
A-165.43		Aro Móvel Projectante/Pivotante	
A-165.45		Aro Fixo Decorativo	•
A-165.51		Aro Fixo com Aba Interior	•
A-165.55		«T» Grande P/Aro Móvel Recto	•
A-165.98		Soleira de Vedação	•



Referência	Secção	Descrição	Stock
A-100.21	Λ	Bite 14.5 mm	•
A-100.22	Λ	Bite 16.5 mm	•
A-100.23	Λ	Bite 18.5 mm	•
A-100.24	Λ	Bite 20.5 mm	•
A-100.25	Λ	Bite 22.5 mm	•
A-100.26	Λ	Bite 24.5 mm	•
A-100.27	Λ	Bite 26.5 mm	•
A-100.28	Λ	Bite 28.5 mm	•
A-100.29	Λ	Bite 30.5 mm	•
A-100.30	Λ	Bite 32.5 mm	•
A-100.61	—	Barra de Cremone	•
A-100.69	↗	Pingadeira	•
A-100.80	—	Perfil de Ligação 94x15 mm	•
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A-100.96	—	Remate P/Travessa Inferior	•
A-100.97	—	Remate P/Aro Móvel inferior	•
A-100.99	—	Pingadeira de Clipar	•

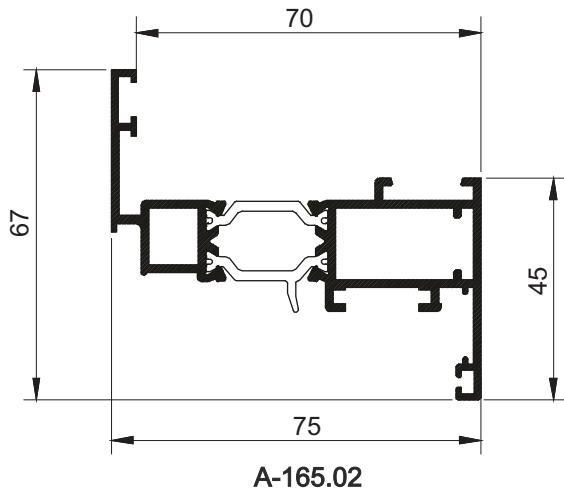


EXTRUSAL A.165

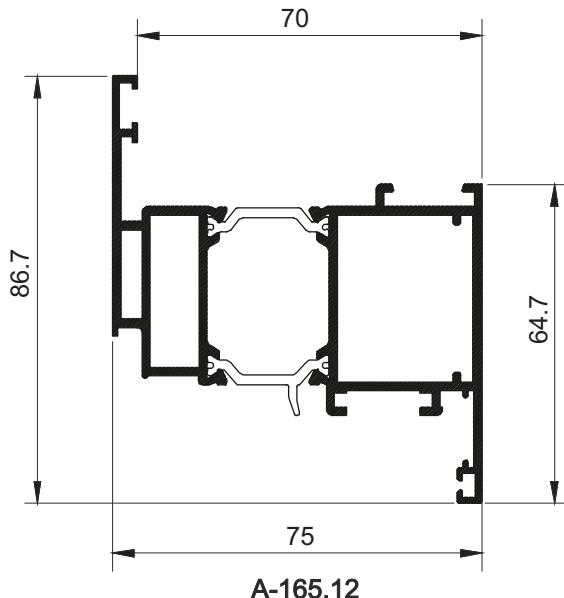
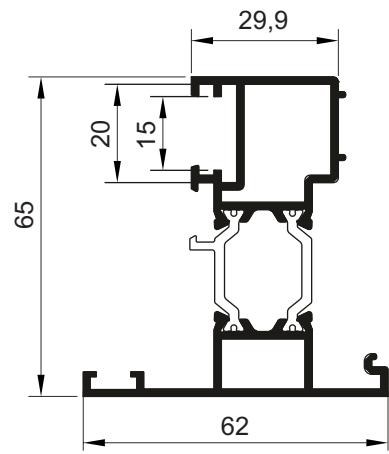
SISTEMA DE BATENTE
SÉRIE CORTE TÉRMICO



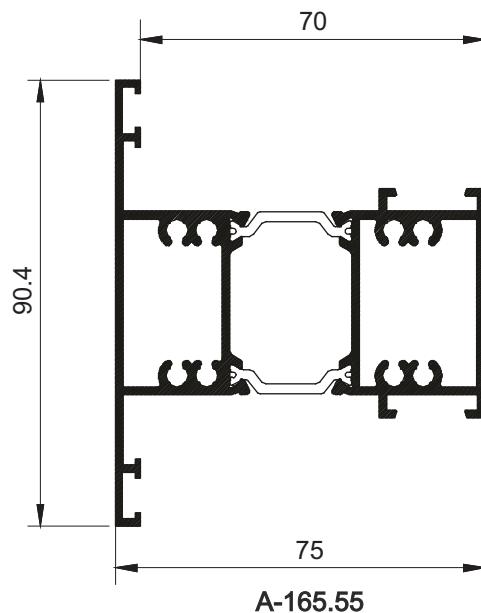
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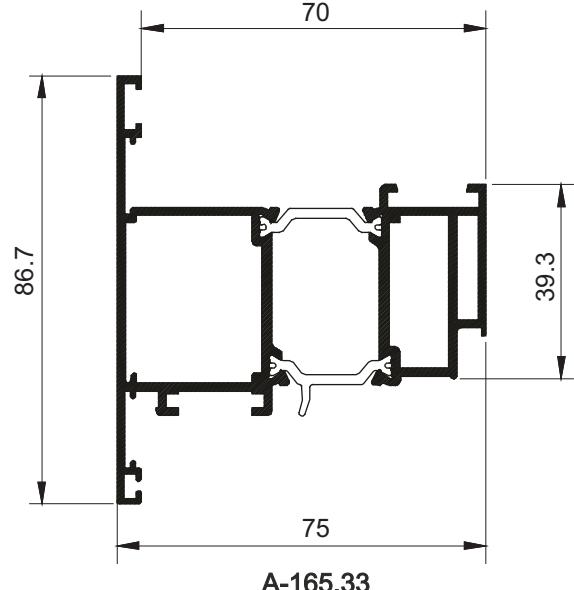
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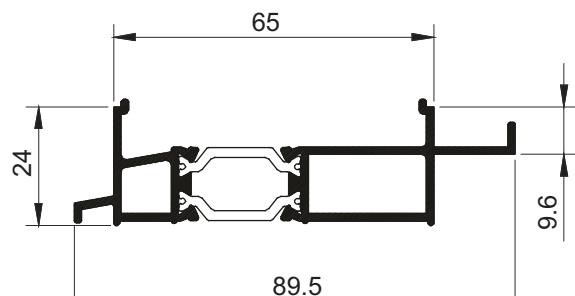
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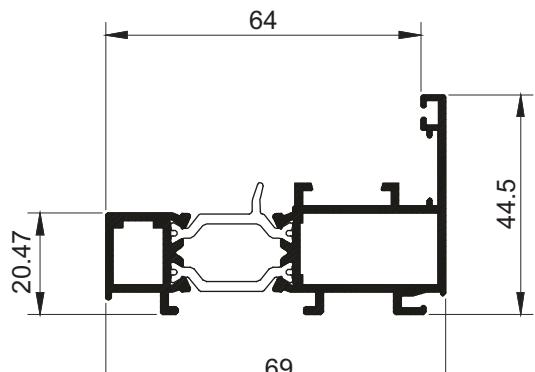
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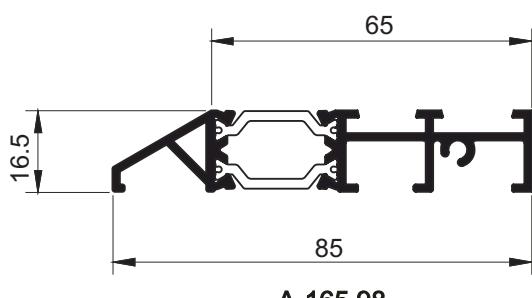
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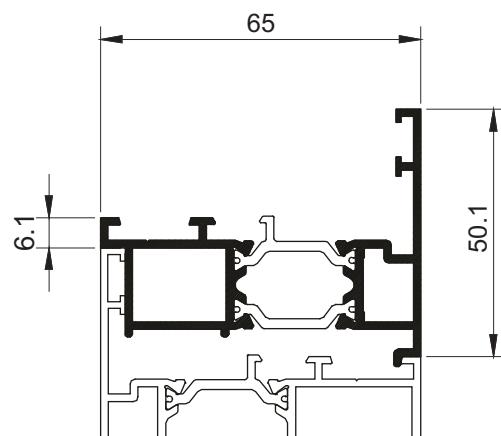
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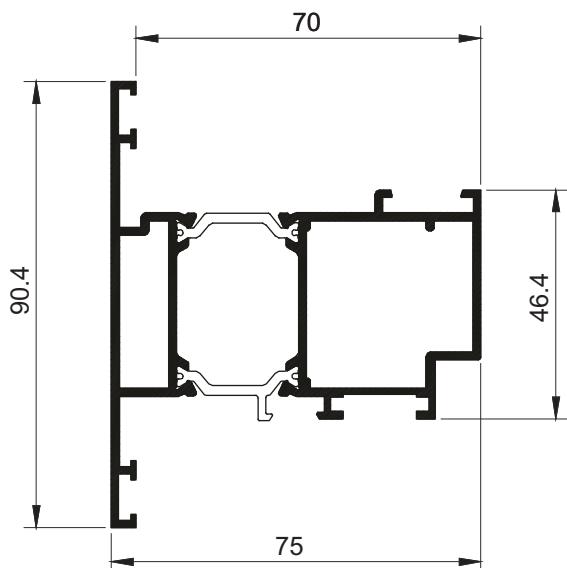
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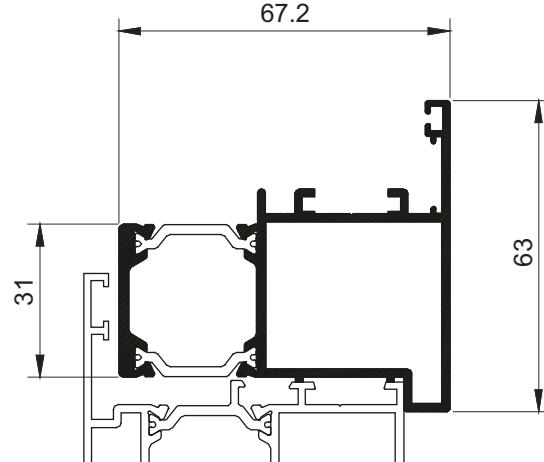
A-165.98



A-165.38



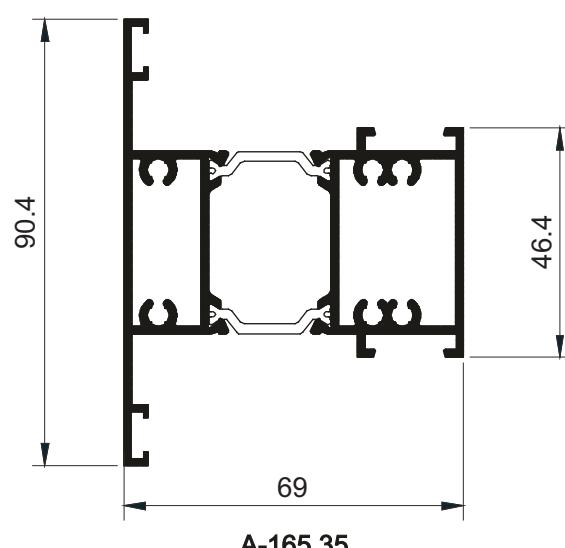
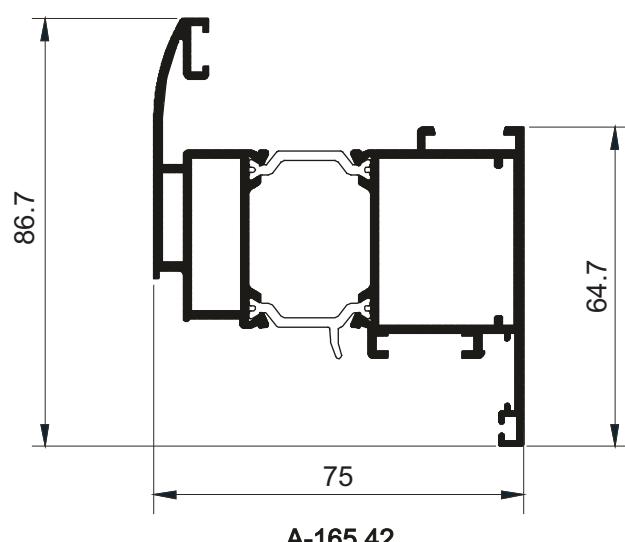
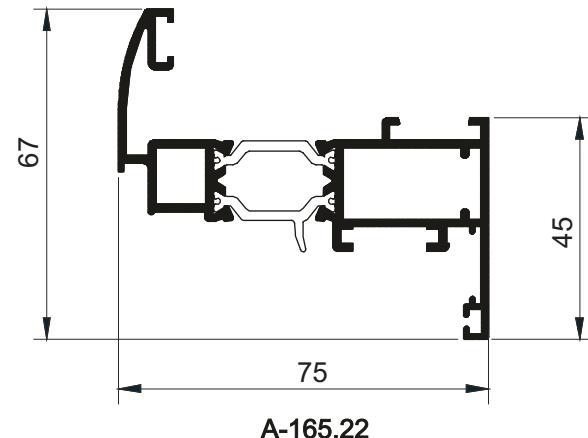
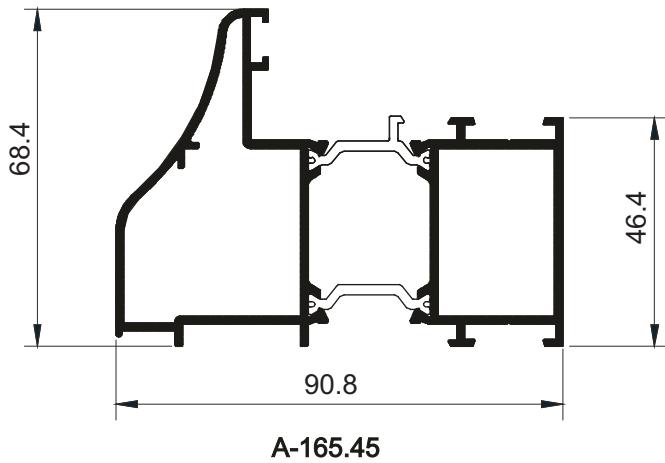
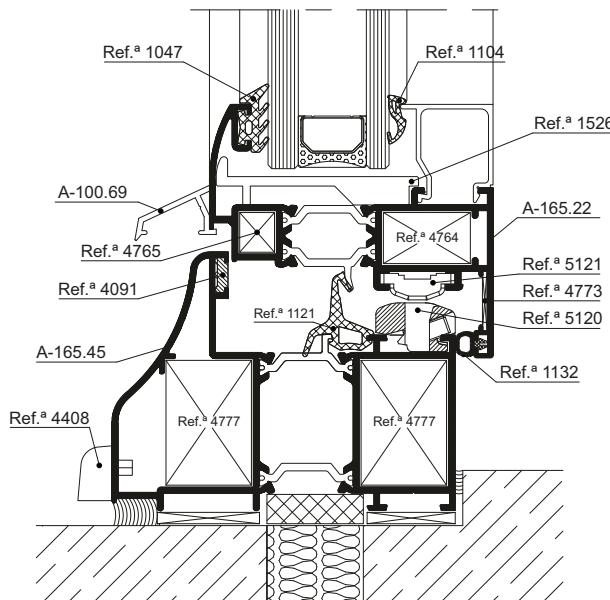
A-165.43



A-165.36

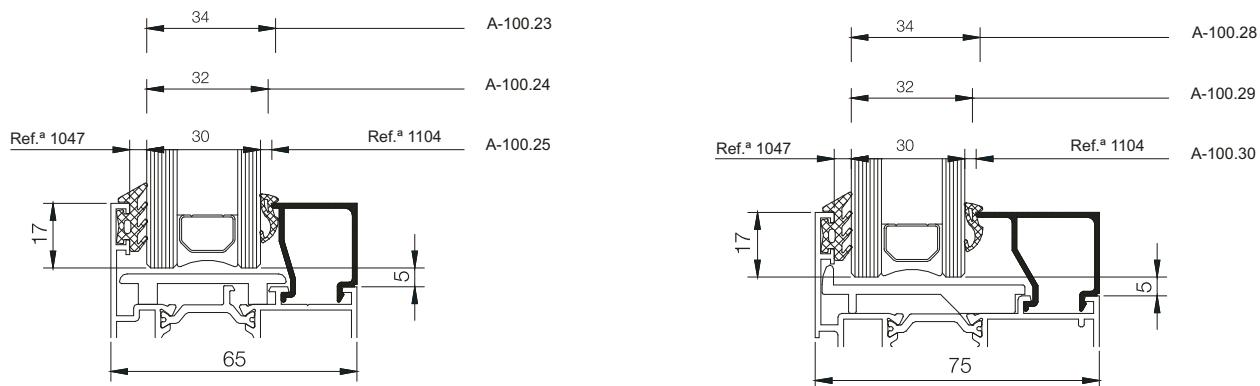


PERFIS CURVOS

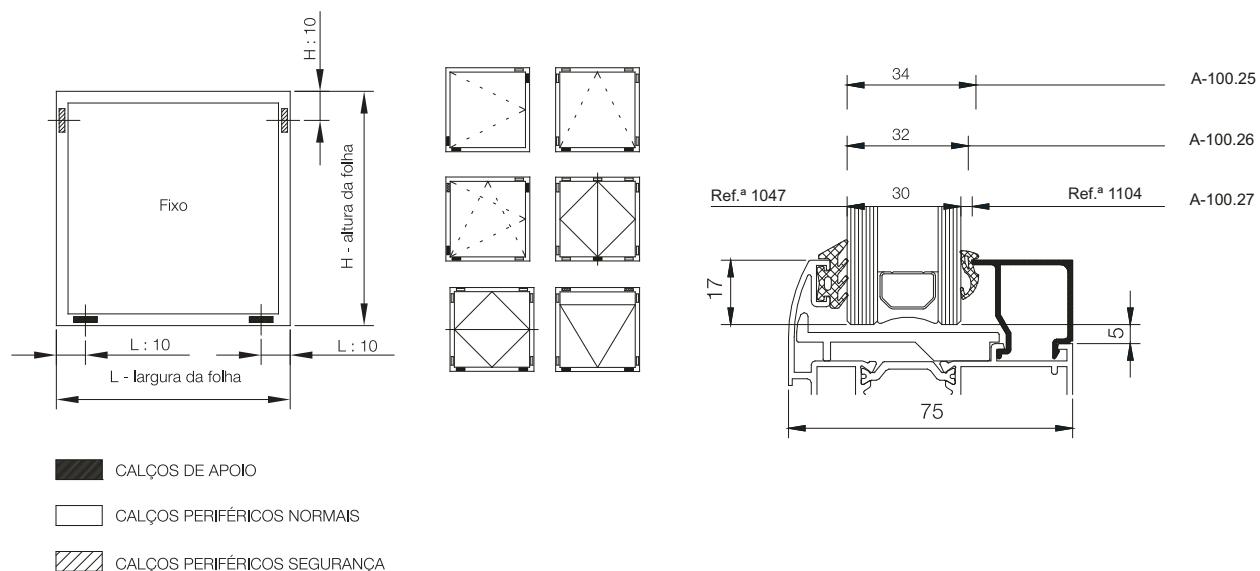




ENVIDRAÇAMENTO



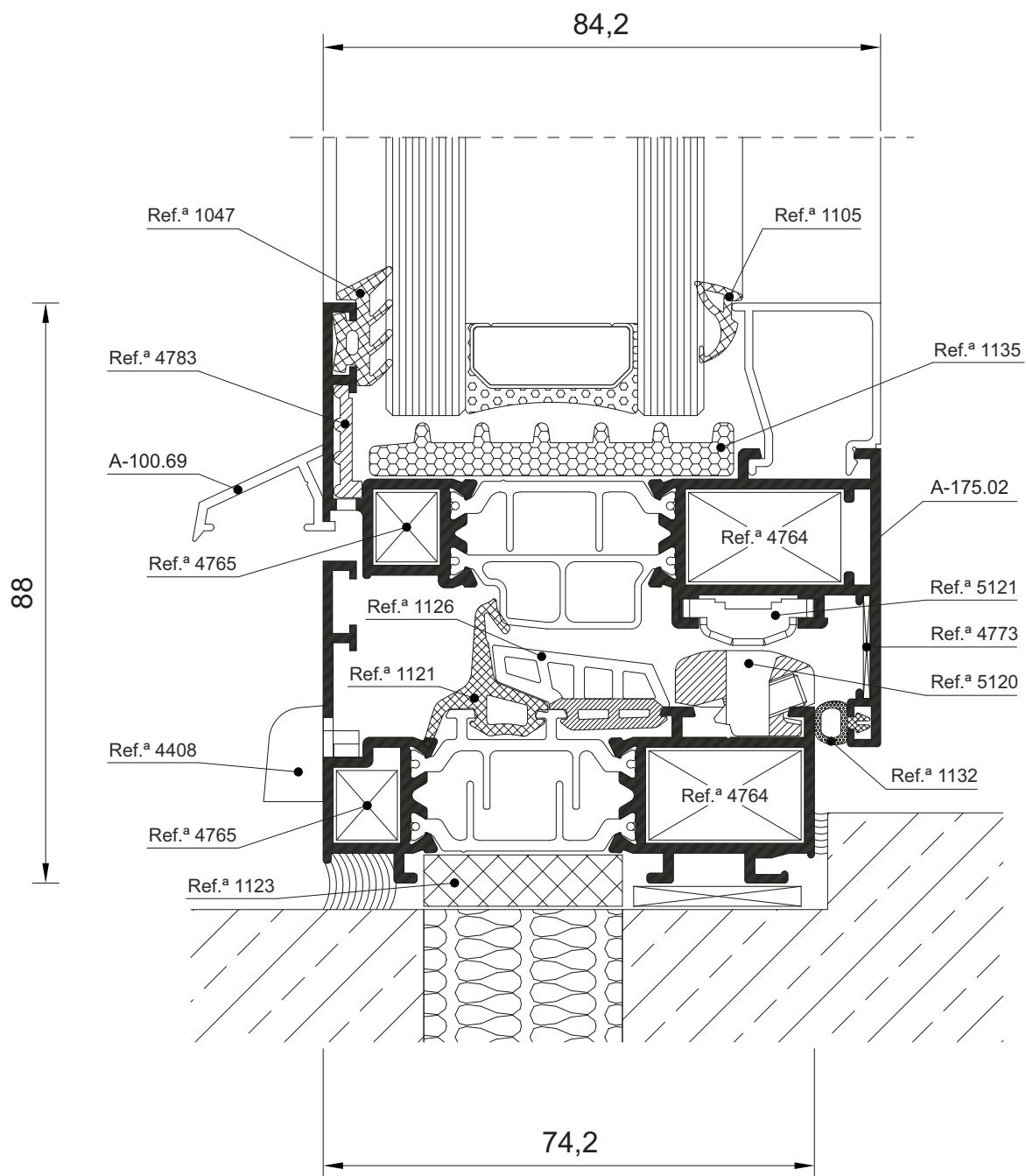
Posicionamento dos calços





SOLUÇÃO BASE

Envergadura da folha (mm)



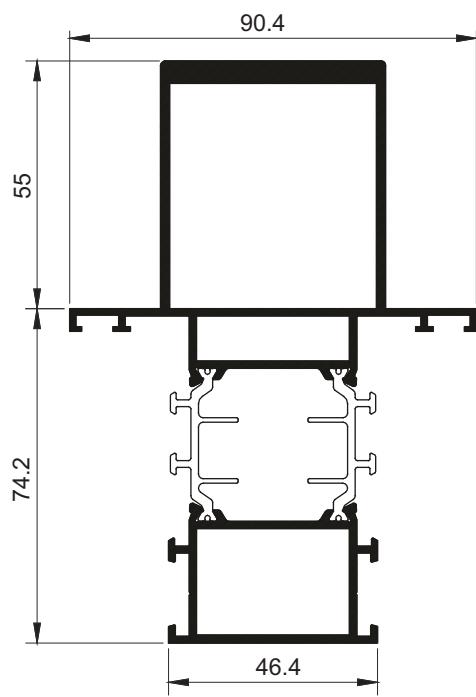
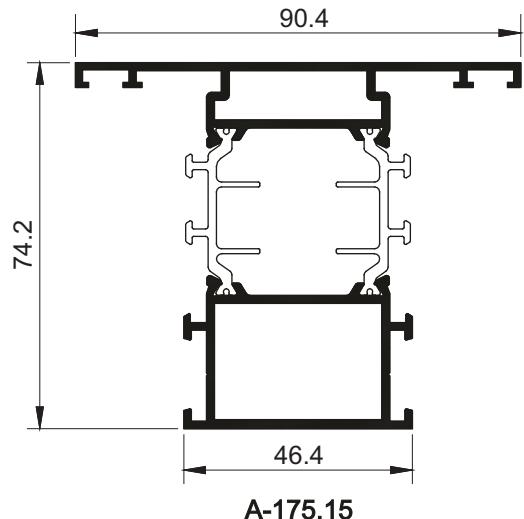
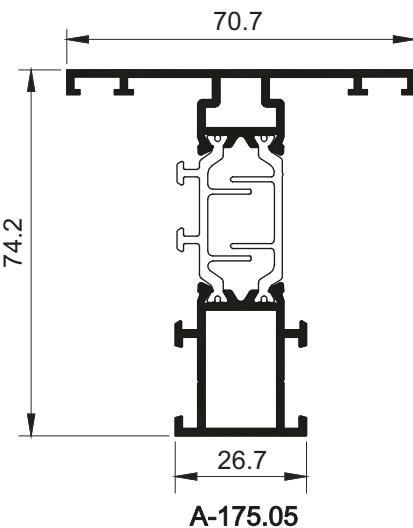
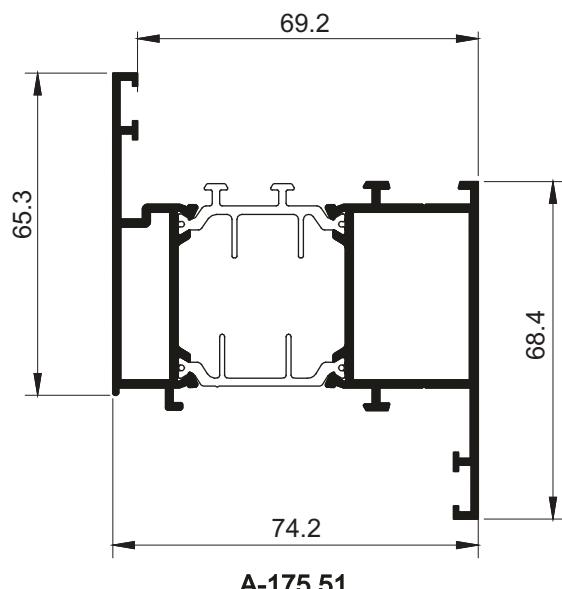
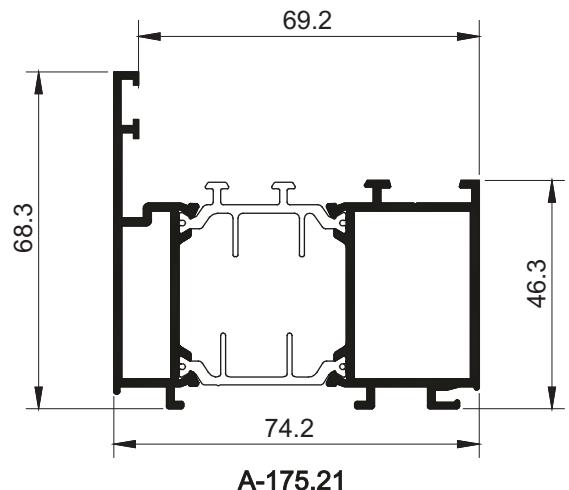
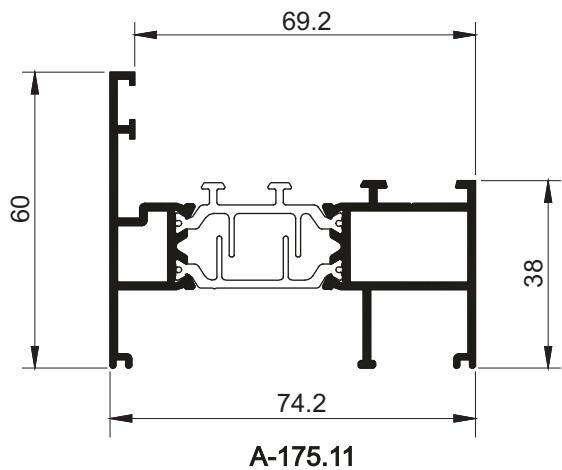
Envergadura do aro (mm)



Referência	Secção	Descrição	Stock
A-175.02		Aro Móvel Peq. Recto	•
A-175.03		Postiço Central	•
A-175.05		«T» Pequeno	•
A-175.06		Perfil de Condensação	•
A-175.11		Aro Fixo	•
A-175.12		Aro Móvel Grande Recto	•
A-175.15		«T» Grande	•
A-175.21		Aro Fixo Grande	•
A-175.22		Aro Móvel Peq. Redondo	•
A-175.25		«T» Grande Reforçado	•
A-175.33		Aro Móvel Abertura Exterior Recto	•
A-175.35		«T» Grande P/Aro Móvel Redondo	•
A-175.36		Inversor P/Pivotante	•
A-175.37		Aro Fixo P/Projectante	•
A-175.38		Inversor Sentido de Abertura	•
A-175.39		Aro Fixo P/Pivotante	•
A-175.42		Aro Móvel Grande Redondo	•
A-175.43		Aro Móvel Projectante	•
A-175.44		Aro Móvel Pivotante	•
A-175.45		Aro Fixo Decorativo	•
A-175.51		Aro Fixo com Aba Interior	•
A-175.55		«T» Grande P/Aro Móvel Recto	•
A-175.98		Soleira de Vedação	



Referência	Secção	Descrição	Stock
A-100.21	Λ	Bite 14.5 mm	•
A-100.22	Λ	Bite 16.5 mm	•
A-100.23	Λ	Bite 18.5 mm	•
A-100.24	Λ	Bite 20.5 mm	•
A-100.25	Λ	Bite 22.5 mm	•
A-100.26	Λ	Bite 24.5 mm	•
A-100.27	Λ	Bite 26.5 mm	•
A-100.28	Λ	Bite 28.5 mm	•
A-100.29	Λ	Bite 30.5 mm	•
A-100.30	Λ	Bite 32.5 mm	•
A-100.61	—	Barra de Cremone	•
A-100.69	↗	Pingadeira	•
A-100.80	—	Perfil de Ligação 94x15 mm	•
A-100.81	—	Remate 117x30 mm	
A-100.82	—	Remate 170x22.5 mm	
A-100.83	—	Remate 62x60 mm	
A-100.84	—	Remate 32x30 mm	
A-100.85	—	Remate 60x15 mm	
A-100.96	—	Remate P/Travessa Inferior	•
A-100.97	—	Remate P/Aro Móvel inferior	•
A-100.99	—	Pingadeira de Clipar	•

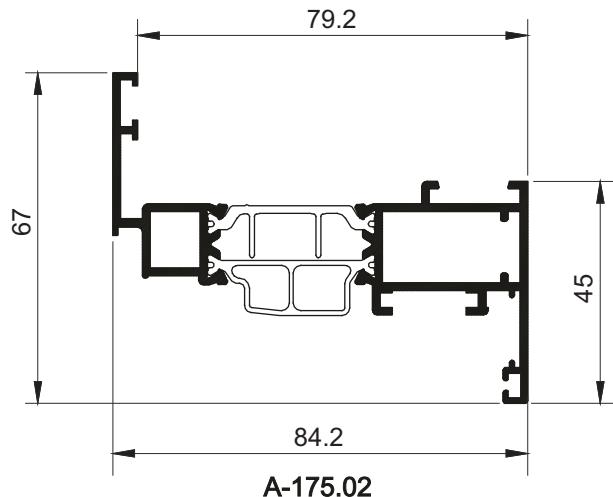


EXTRUSAL A.175

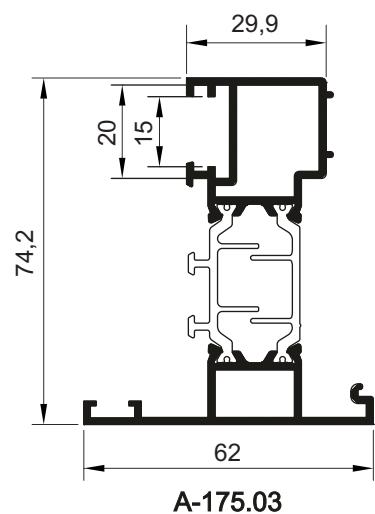
SISTEMA DE BATENTE
SÉRIE CORTE TÉRMICO



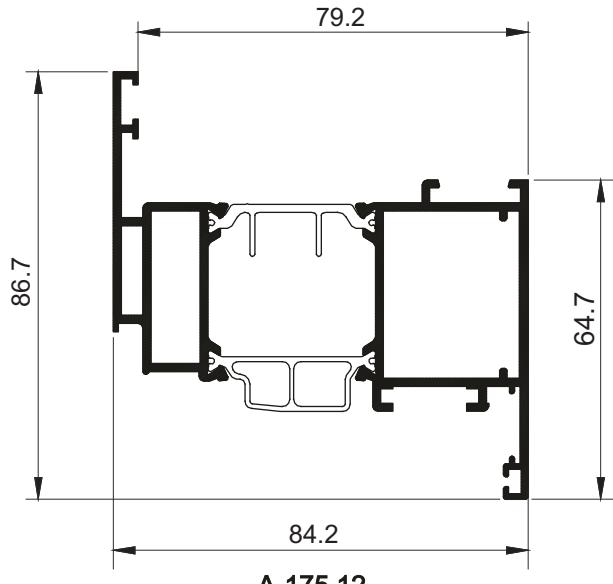
ALUGARBE
COMÉRCIO DE ALUMÍNIO, LDA.



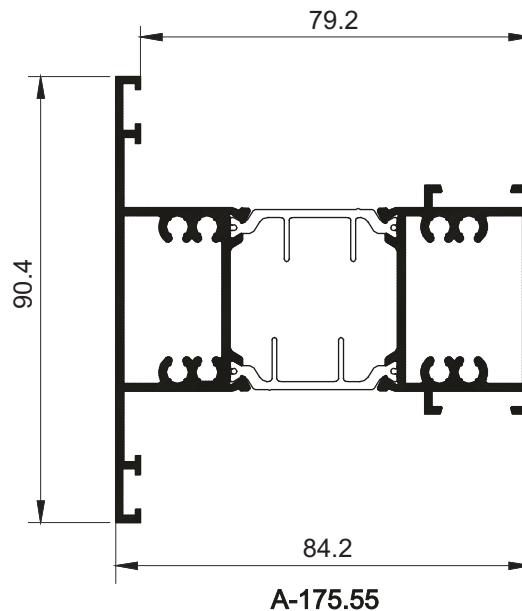
A-175.02



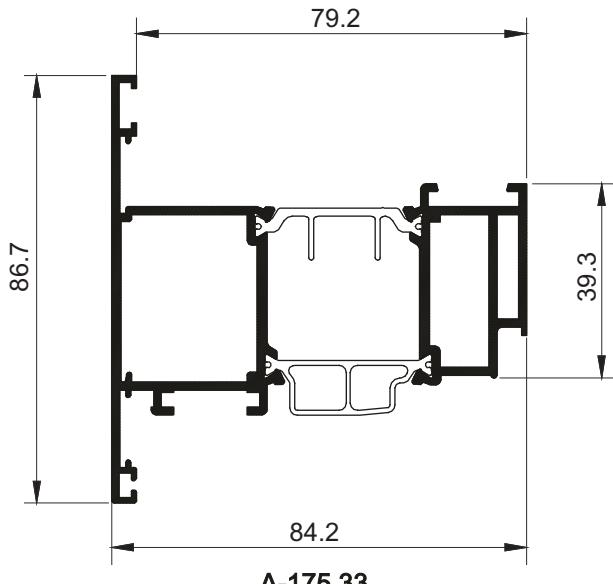
A-175.03



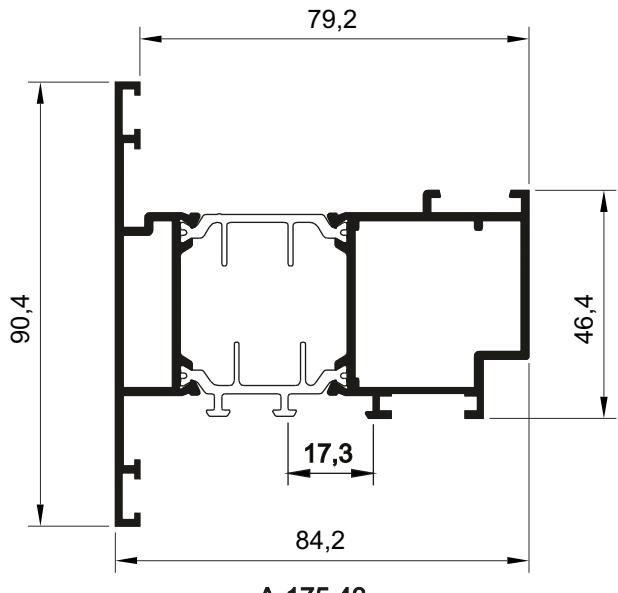
A-175.12



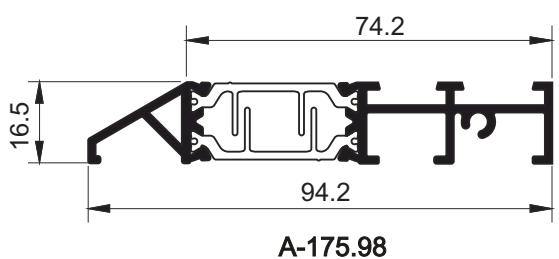
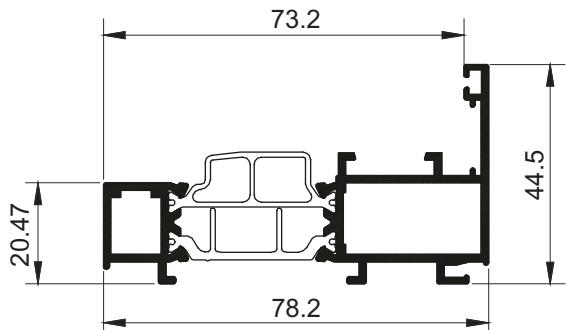
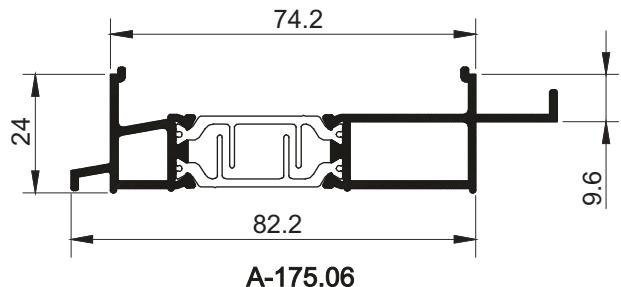
A-175.55



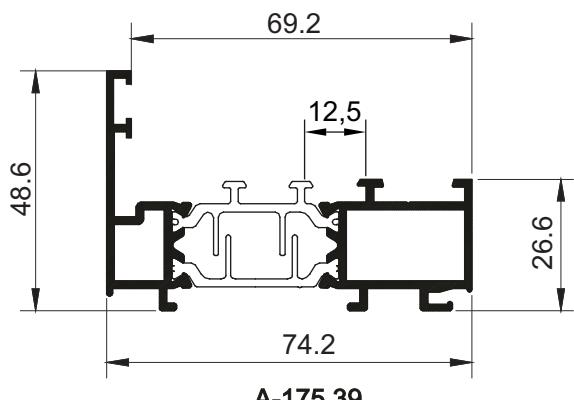
A-175.33



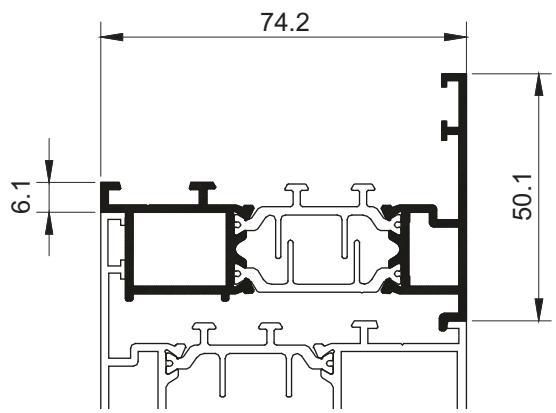
A-175.43



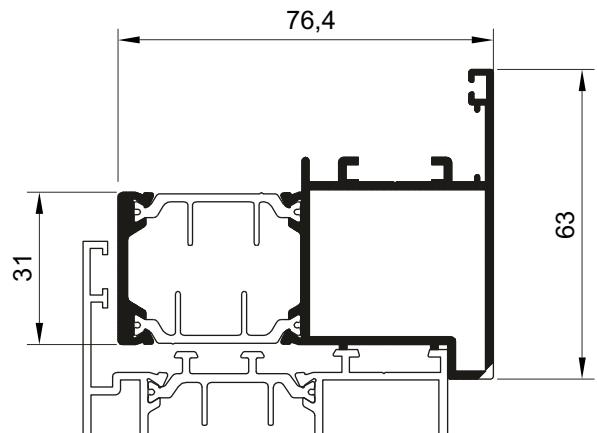
A-175.37



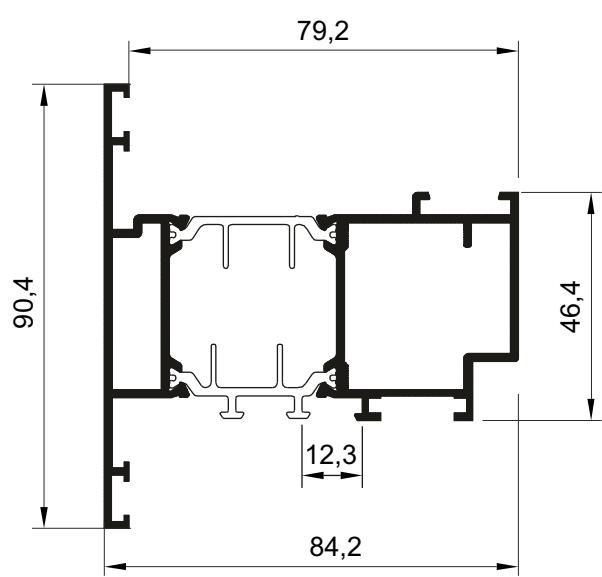
A-175.39



A-175.38



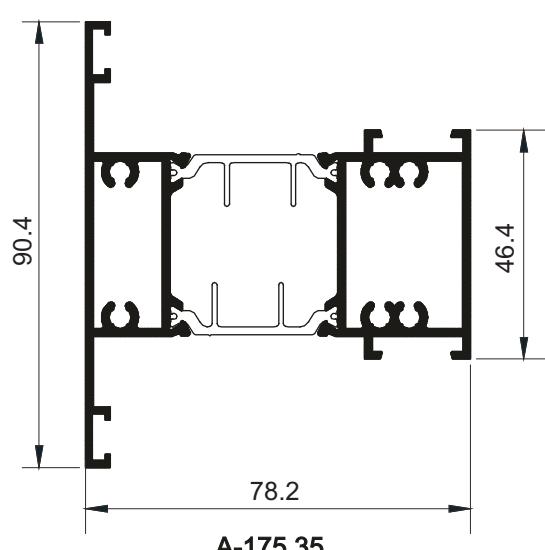
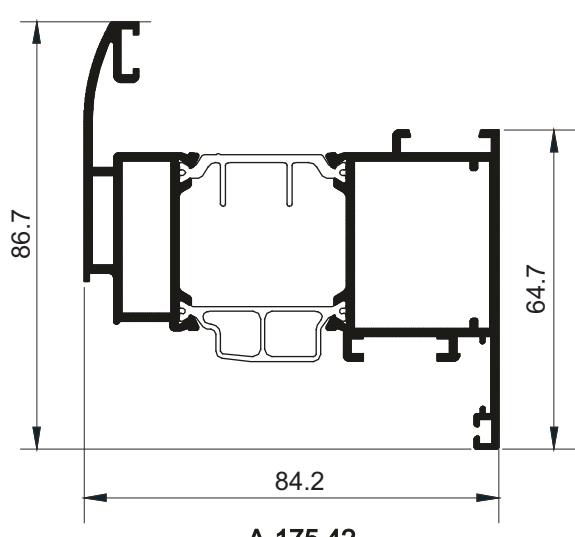
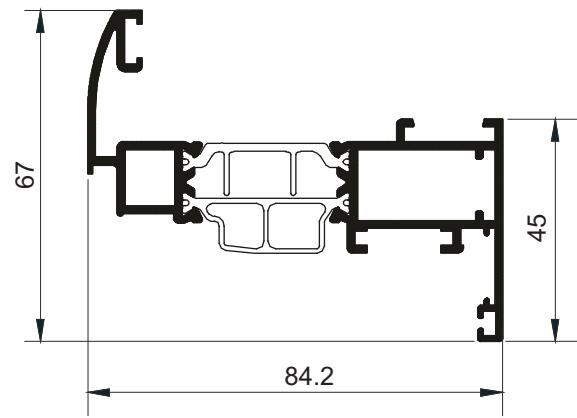
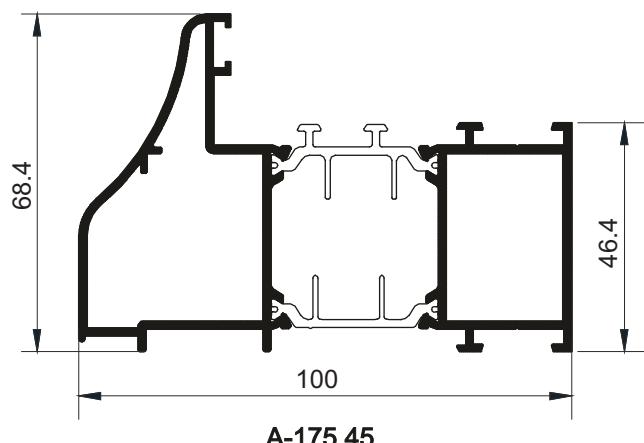
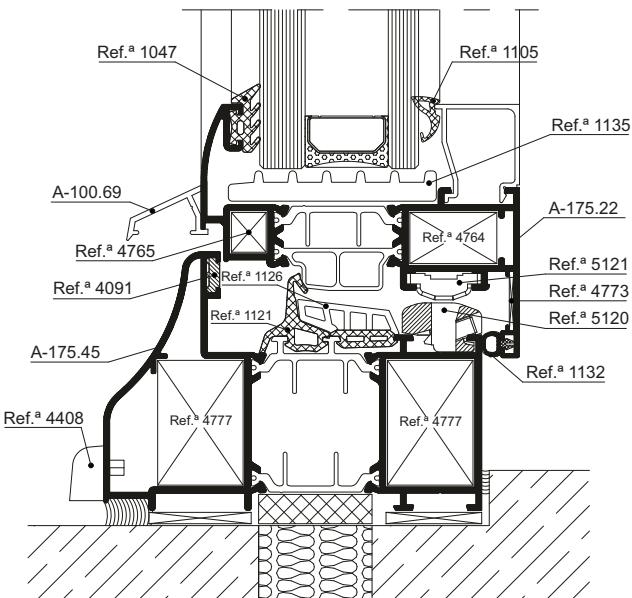
A-175.36



A-175.44

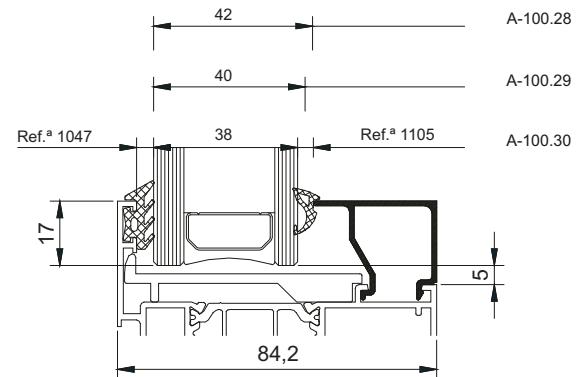
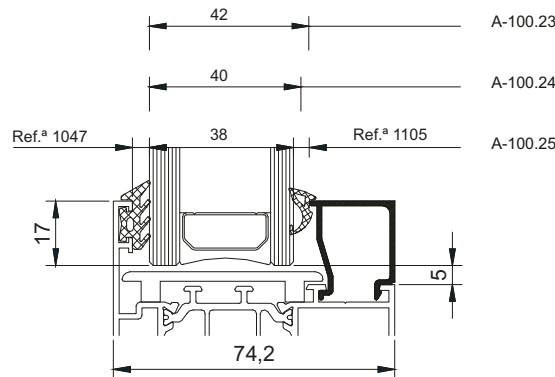


PERFIS CURVOS

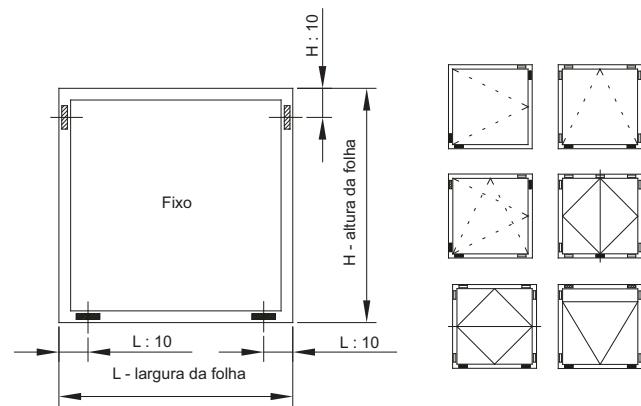




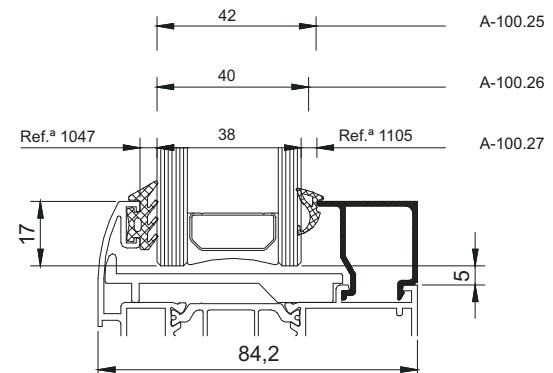
ENVIDRAÇAMENTO



Posicionamento dos calços

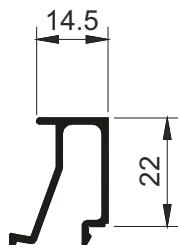


- CALÇOS DE APOIO
- CALÇOS PERIFÉRICOS NORMAIS
- ▨ CALÇOS PERIFÉRICOS SEGURANÇA

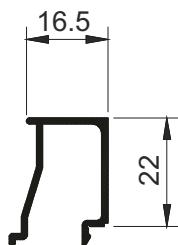




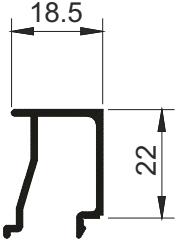
BITES



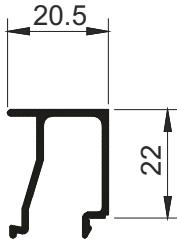
A-100.21



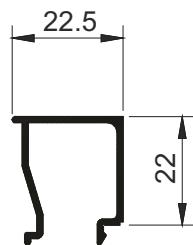
A-100.22



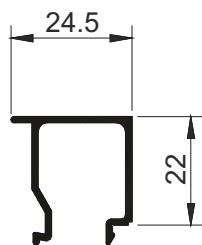
A-100.23



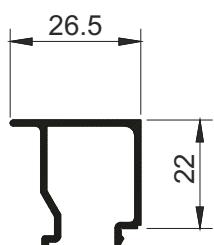
A-100.24



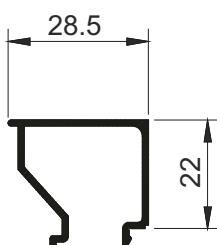
A-100.25



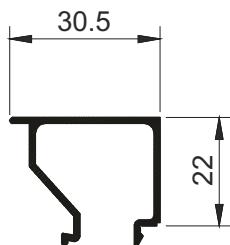
A-100.26



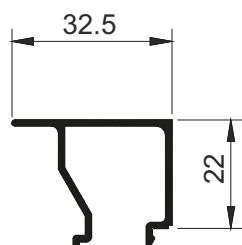
A-100.27



A-100.28



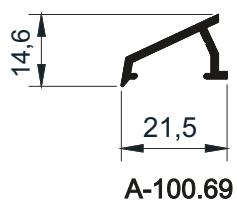
A-100.29



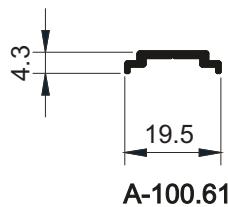
A-100.30



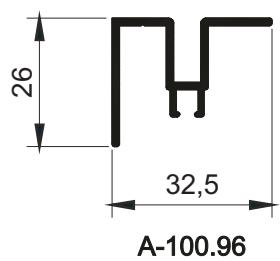
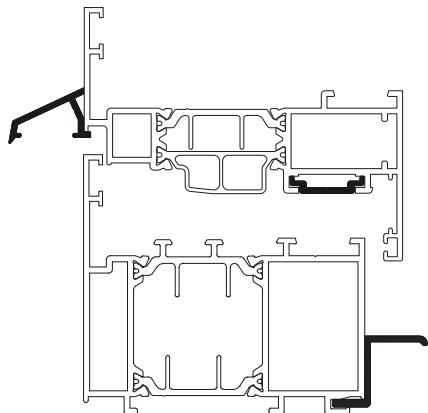
PERFIS DIVERSOS



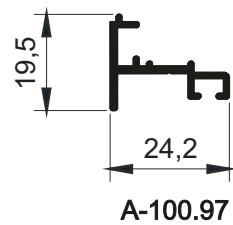
A-100.69



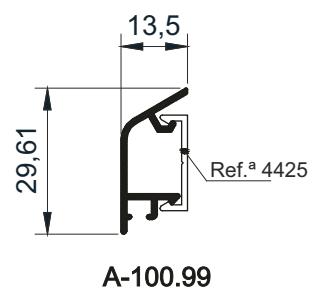
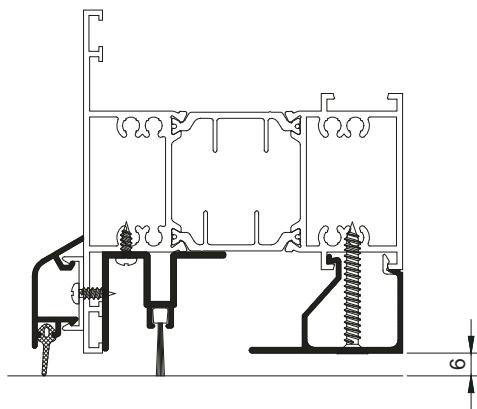
A-100.61



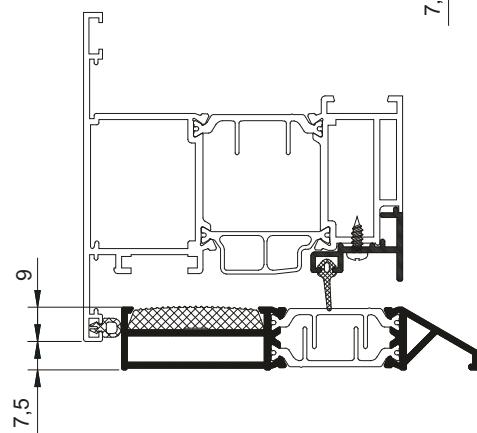
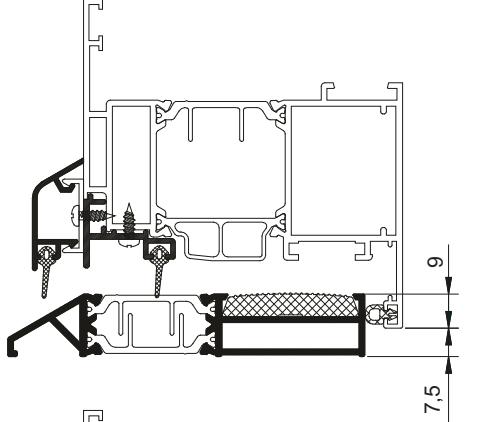
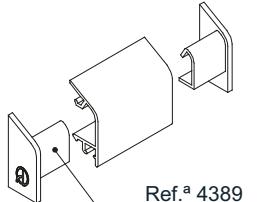
A-100.96



A-100.97

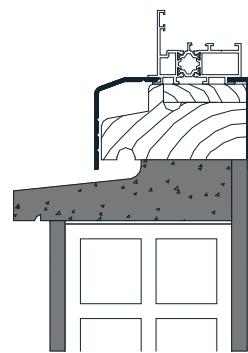
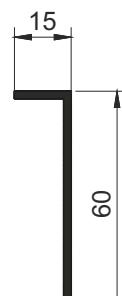
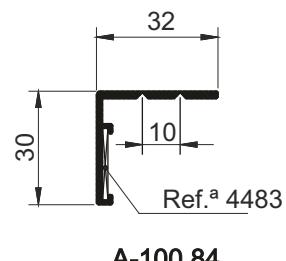
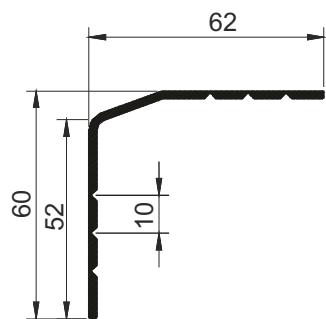
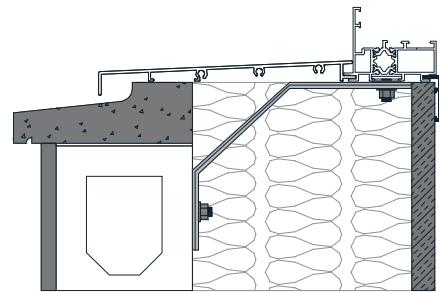
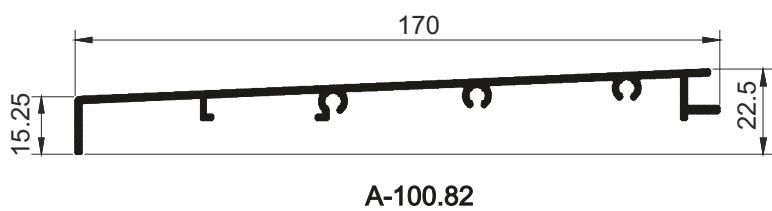
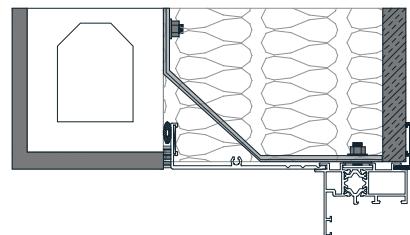
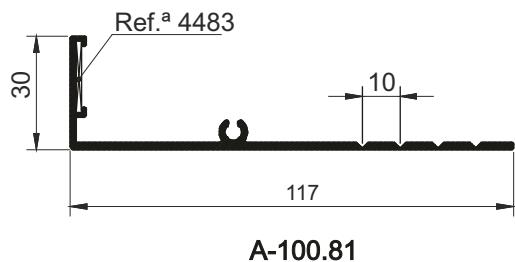


A-100.99



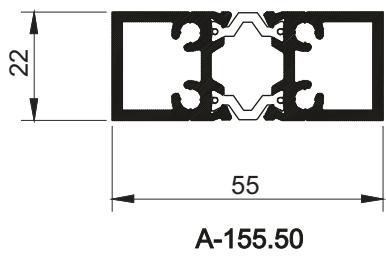


PERFIS DE REMATE

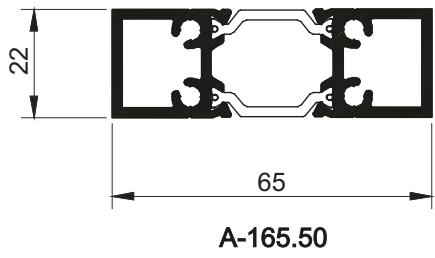




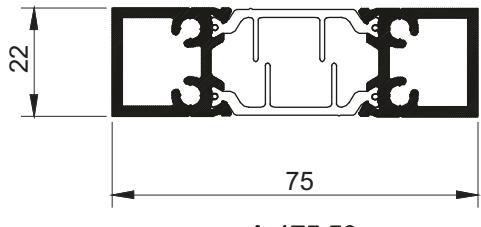
PERFIS DE LIGAÇÃO



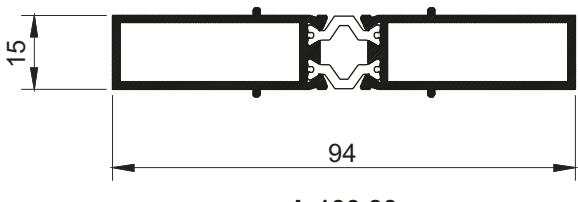
A-155.50



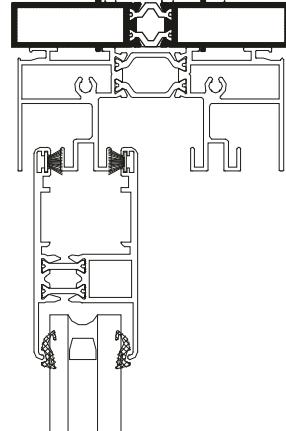
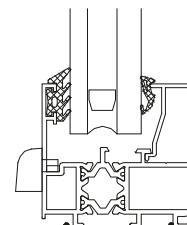
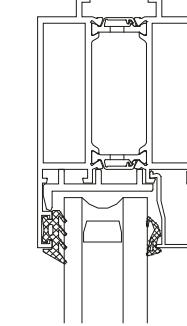
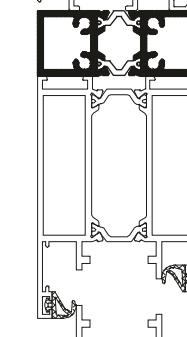
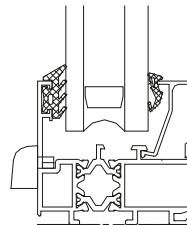
A-165.50



A-175.50

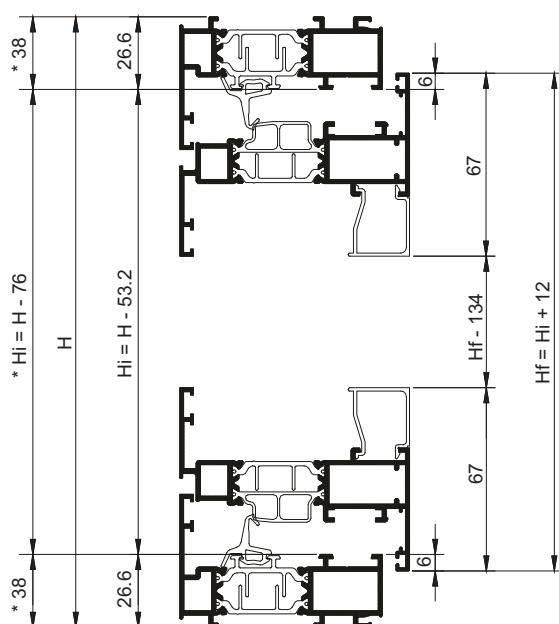
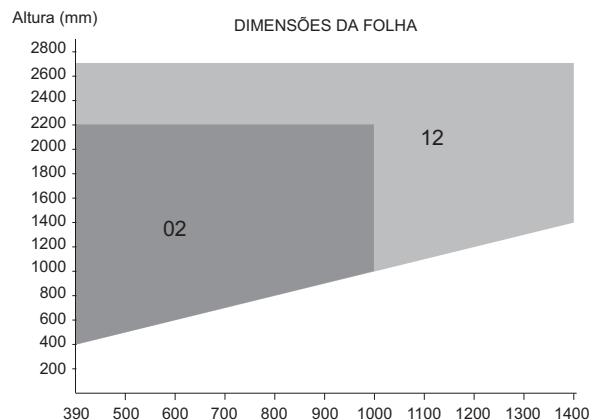
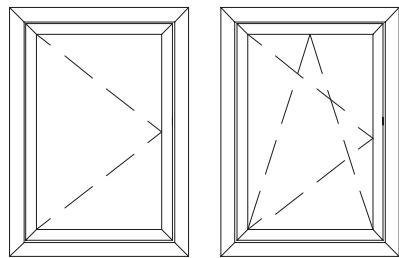


A-100.80



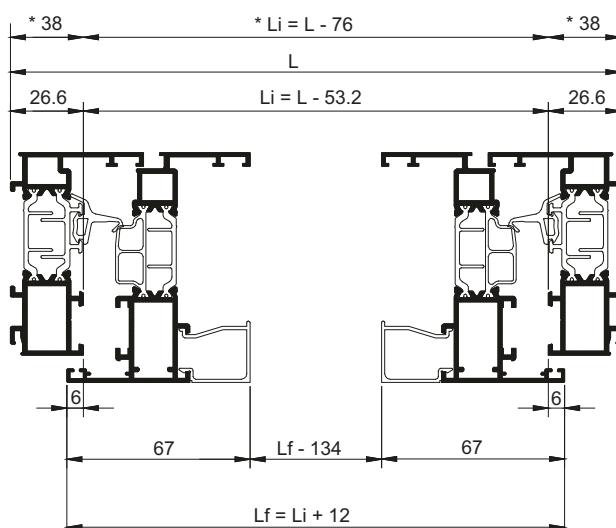


TIPOLOGIAS CONSTRUTIVAS
JANELA DE UMA FOLHA



Pressão de cálculo: 800 Pa.
Peso máximo por folha: 120 Kg.

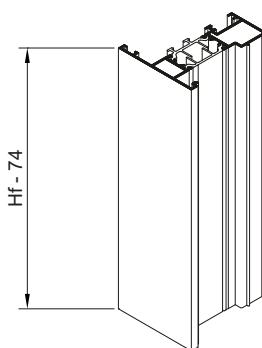
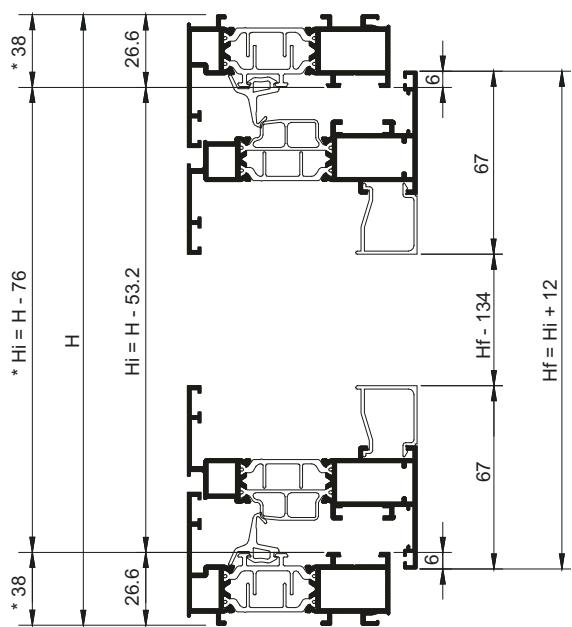
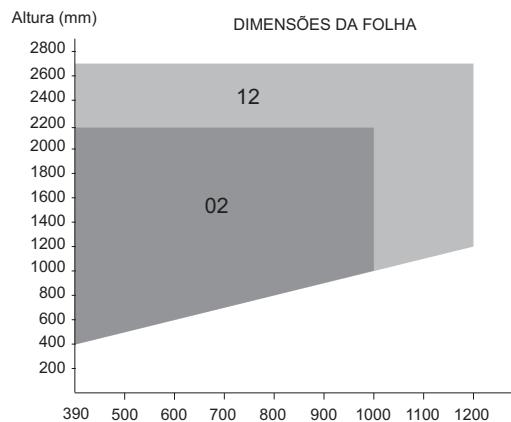
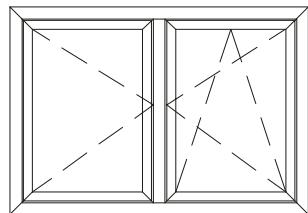
LEGENDA:
L: Largura do caixilho | Lf: Largura da folha | Li: Largura interior do aro
H: Altura do caixilho | Hf: Altura da folha | Hi: Altura interior do aro
NOTA:
Medidas em milímetros (mm).
As medidas de corte são fornecidas a título indicativo.
Deverão ser sempre verificadas e comprovadas pelo fabricante dos caixilhos.
* Cotas para A-15511, A-16511 e A-17511





TIPOLOGIAS CONSTRUTIVAS

JANELA DE DUAS FOLHAS



LEGENDA:
L: Largura do caixilho | Lf: Largura da folha | Li: Largura interior do arco
H: Altura do caixilho | Hf: Altura da folha | Hi: Altura interior do arco

H: Altura do caixilho | Hf: Altura da folha | Hi: Altura interior do aro

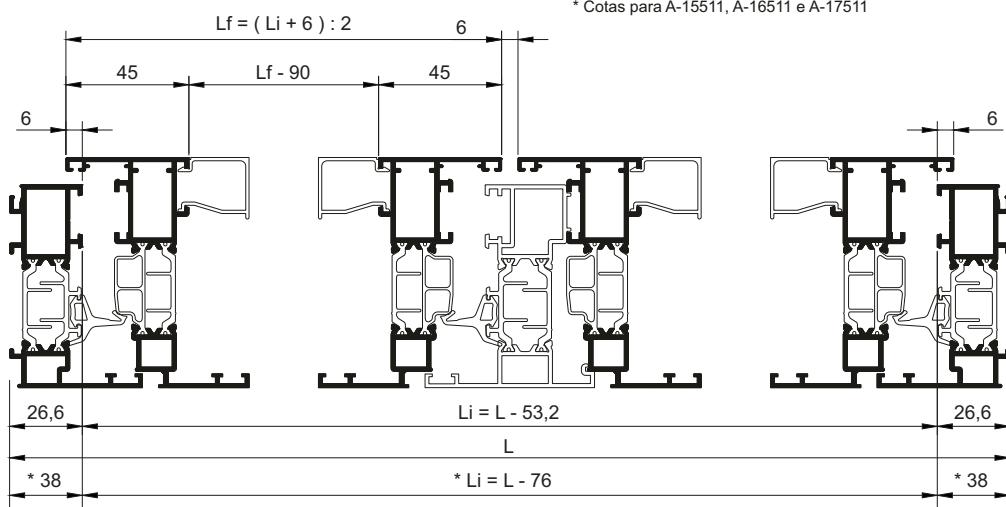
NOTA Média

Medidas em milímetros (mm).
As medidas da carta são fornecidas

As medidas de corte são fornecidas a título indicativo. Deverão ser sempre verificadas e comprovadas pelo f

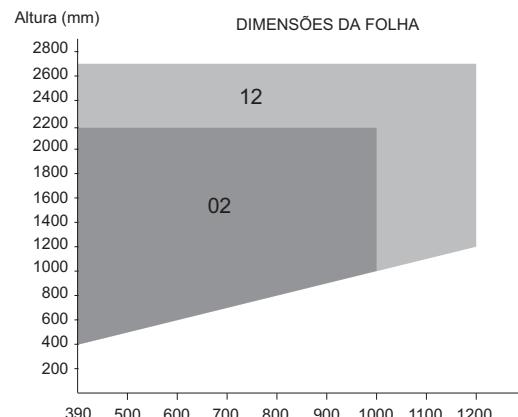
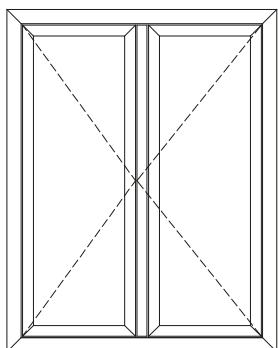
Deverão ser sempre verificadas e comprovadas pelo fabricante dos caixilhos.
* Cotas para A_15511, A_16511 e A_17511

* Cotas para A-15511, A-16511 e A-17511



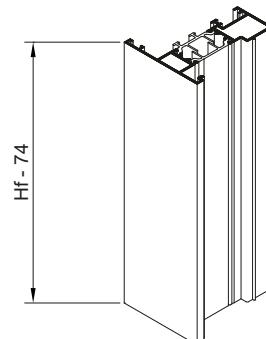
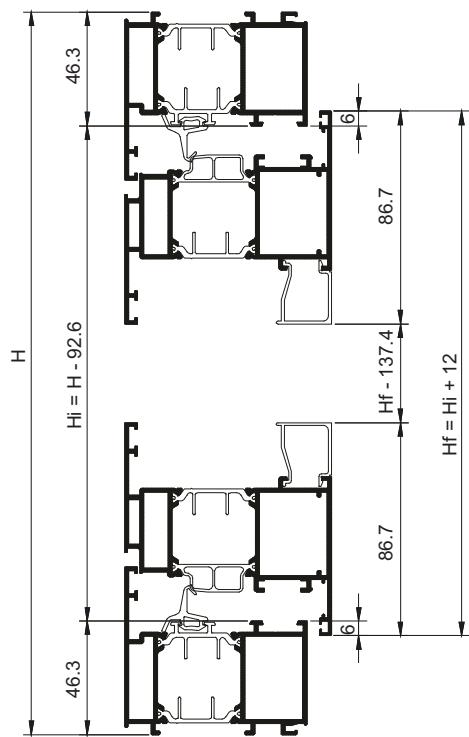


TIPOLOGIAS CONSTRUTIVAS
JANELA DE SACADA DE DUAS FOLHAS

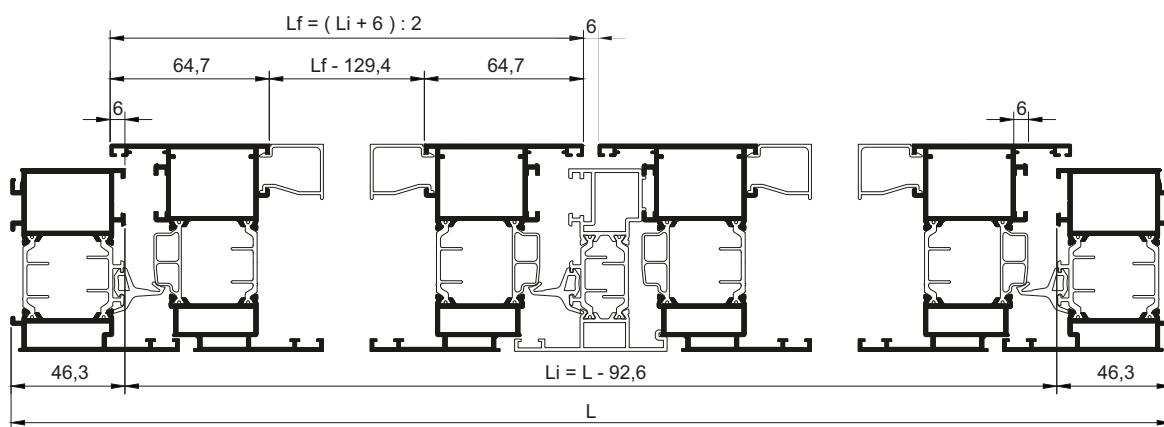


Pressão de cálculo: 800 Pa.
Peso máximo por folha: 120 Kg.

Largura (mm)

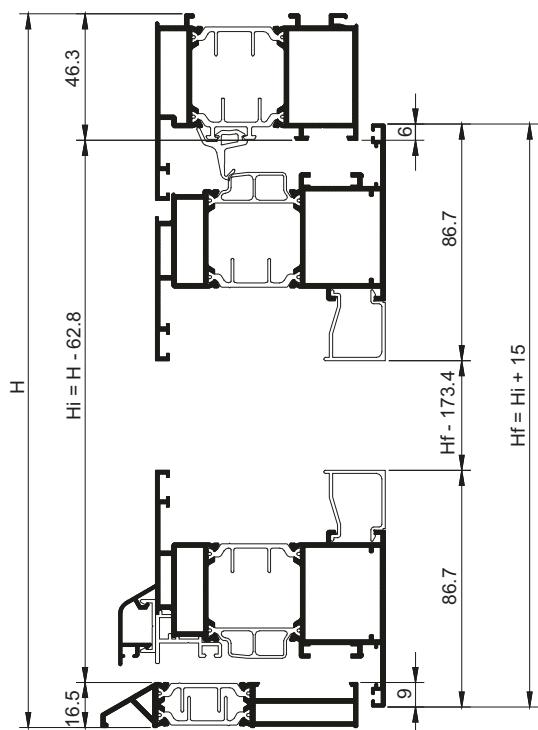
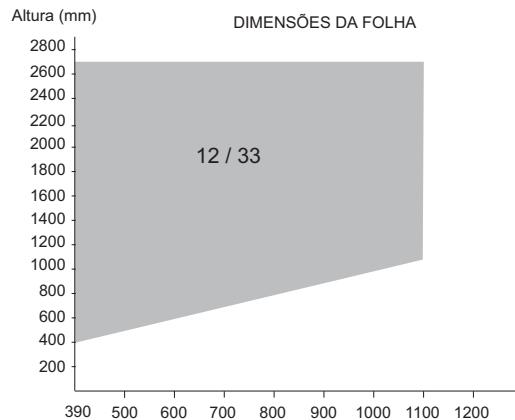
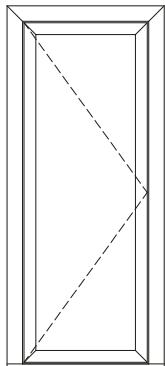


LEGENDA:
L: Largura do caixilho | Lf: Largura da folha | Li: Largura interior do aro
H: Altura do caixilho | Hf: Altura da folha | Hi: Altura interior do aro
NOTA:
Medidas em milímetros (mm).
As medidas de corte são fornecidas a título indicativo.
Deverão ser sempre verificadas e comprovadas pelo fabricante dos caixilhos.

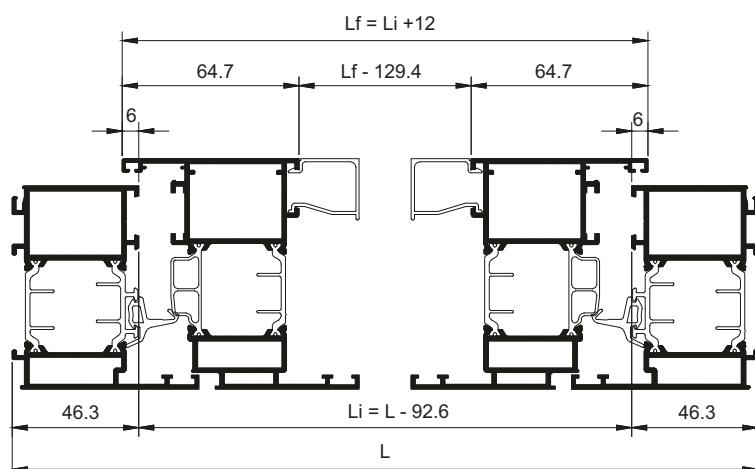




TIPOLOGIAS CONSTRUTIVAS PORTA DE UMA FOLHA

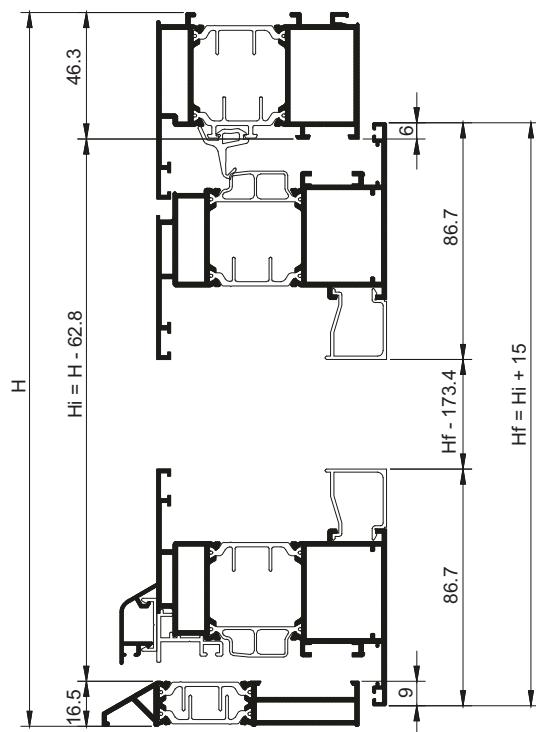
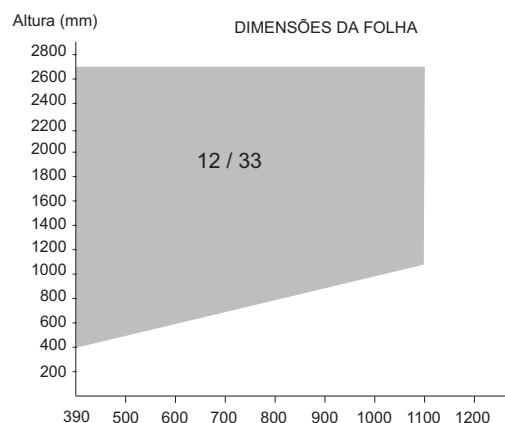
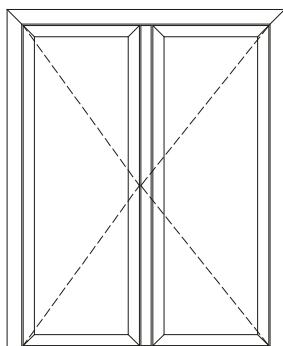


LEGENDA:
L: Largura do caixilho | Lf: Largura da folha | Li: Largura interior do aro
H: Altura do caixilho | Hf: Altura da folha | Hi: Altura interior do aro
NOTA:
Medidas em milímetros (mm).
As medidas de corte são fornecidas a título indicativo.
Deverão ser sempre verificadas e comprovadas pelo fabricante dos caixilhos.

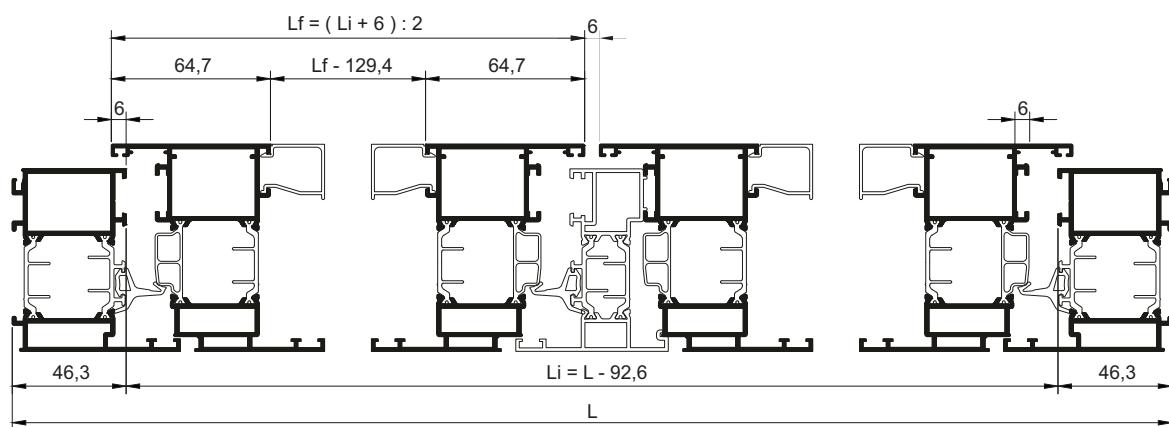




TIPOLOGIAS CONSTRUTIVAS PORTA DE DUAS FOLHAS



LEGENDA:
L: Largura do caixilho | Lf: Largura da folha | Li: Largura interior do aro
H: Altura do caixilho | Hf: Altura da folha | Hi: Altura interior do aro
NOTA:
Medidas em milímetros (mm).
As medidas de corte são fornecidas a título indicativo.
Deverão ser sempre verificadas e comprovadas pelo fabricante dos caixilhos.





ALUGARBE

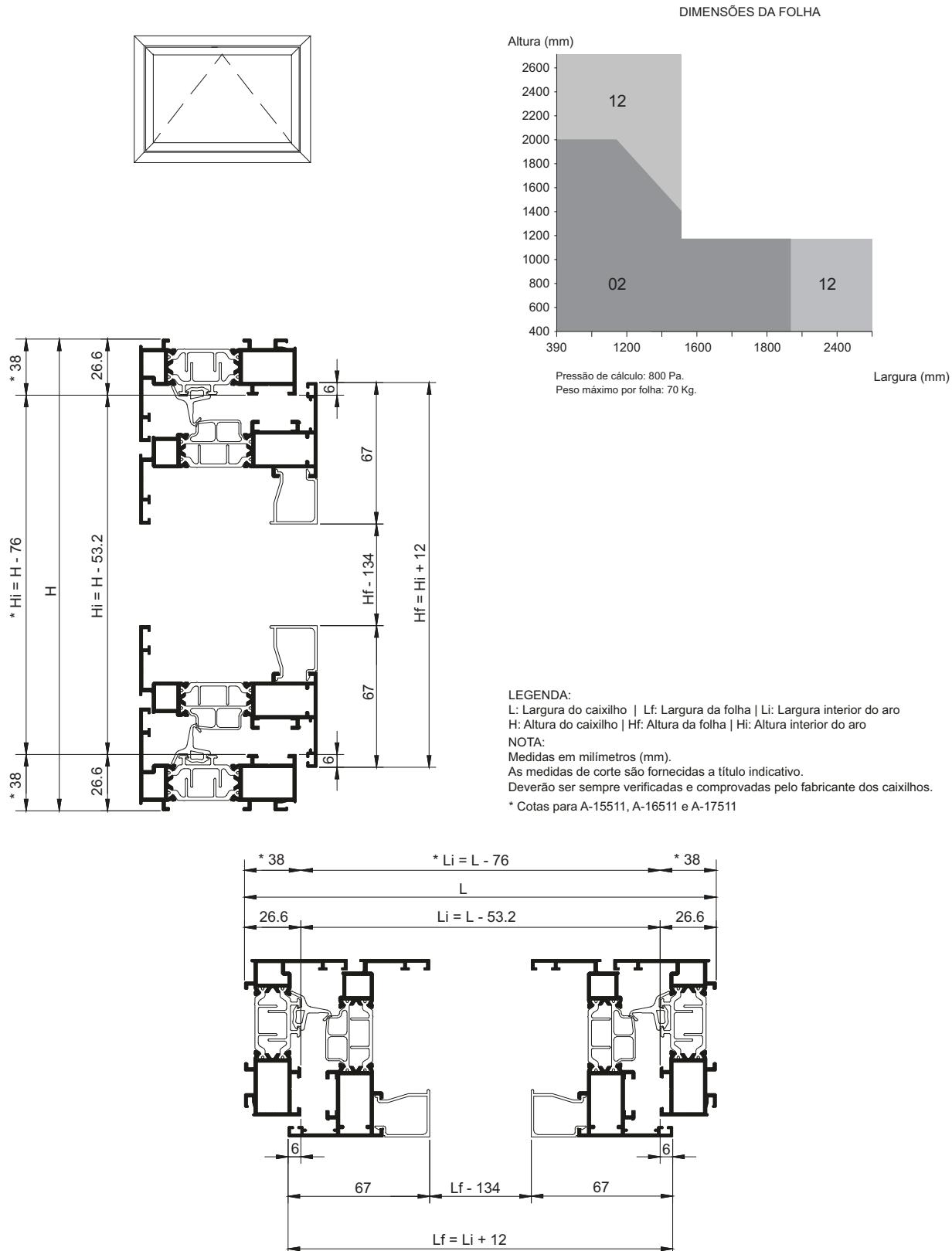
COMÉRCIO DE ALUMÍNIO, LDA.

EXTRUSAL A.100

SISTEMA DE BATENTE SÉRIE CORTE TÉRMICO

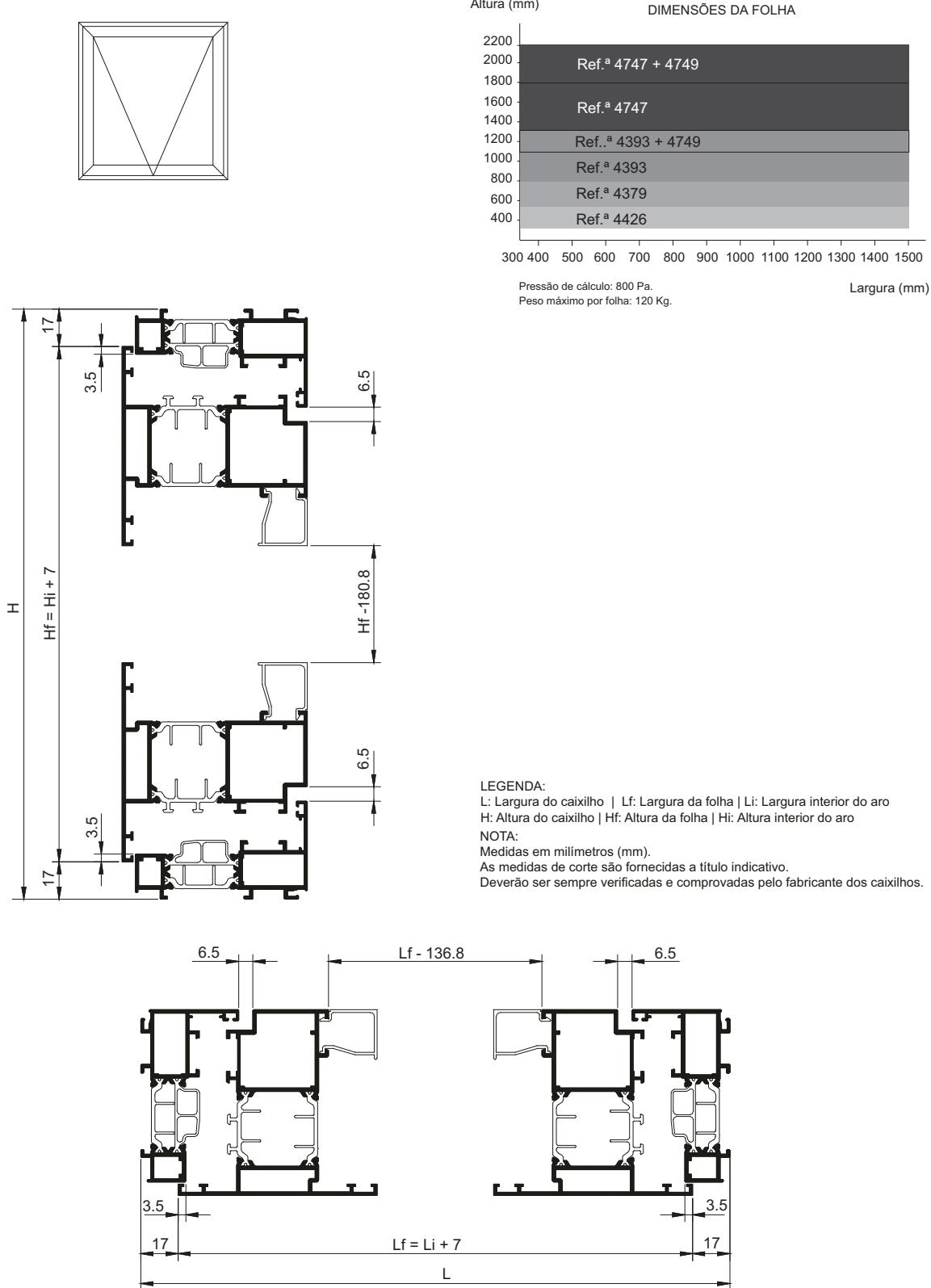
TIPOLOGIAS CONSTRUTIVAS

JANELA BASCULANTE



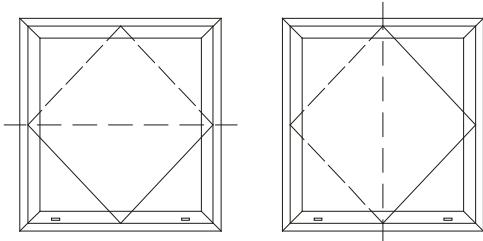


TIPOLOGIAS CONSTRUTIVAS JANELA PROJECTANTE

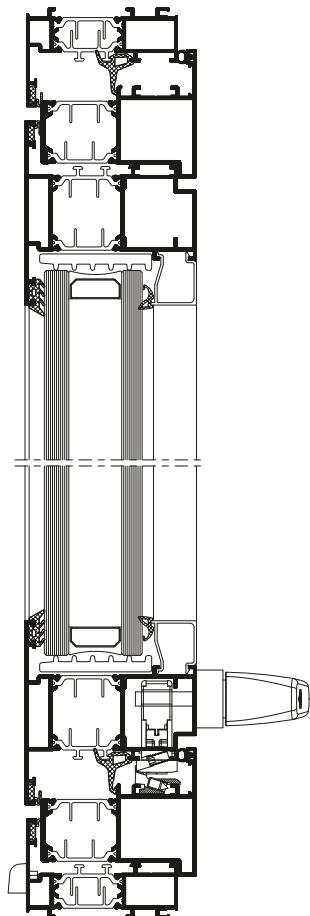
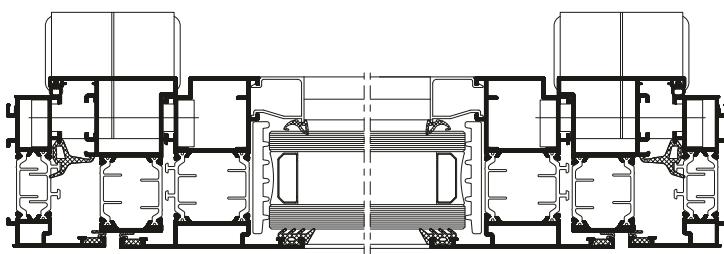




TIPOLOGIAS CONSTRUTIVAS JANELA PIVOTANTE



Largura máxima: 1500 mm
Altura máxima: 1800 mm
Peso máximo: 100 Kg

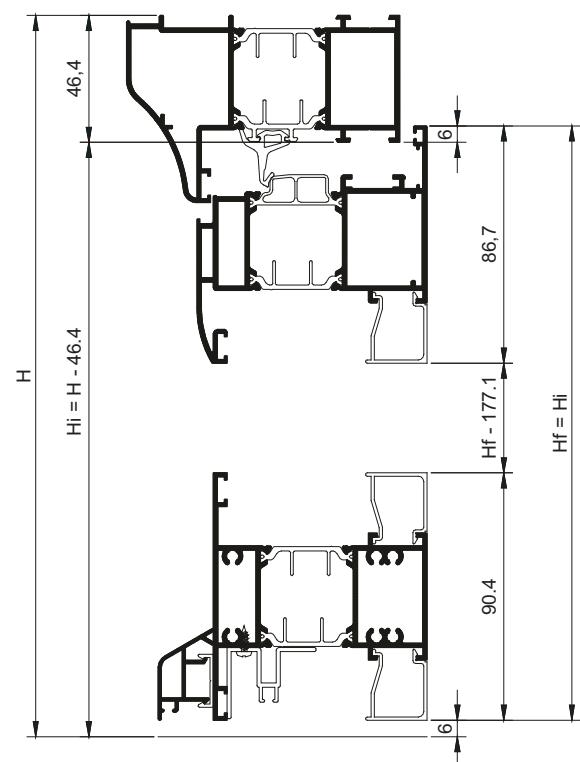
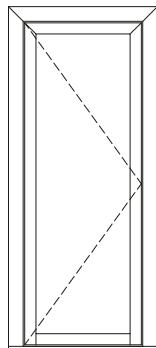


LEGENDA:
L: Largura do caixilho | Lf: Largura da folha | Li: Largura interior do aro
H: Altura do caixilho | Hf: Altura da folha | Hi: Altura interior do aro

NOTA:
Medidas em milímetros (mm).
As medidas de corte são fornecidas a título indicativo.
Deverão ser sempre verificadas e comprovadas pelo fabricante dos caixilhos.

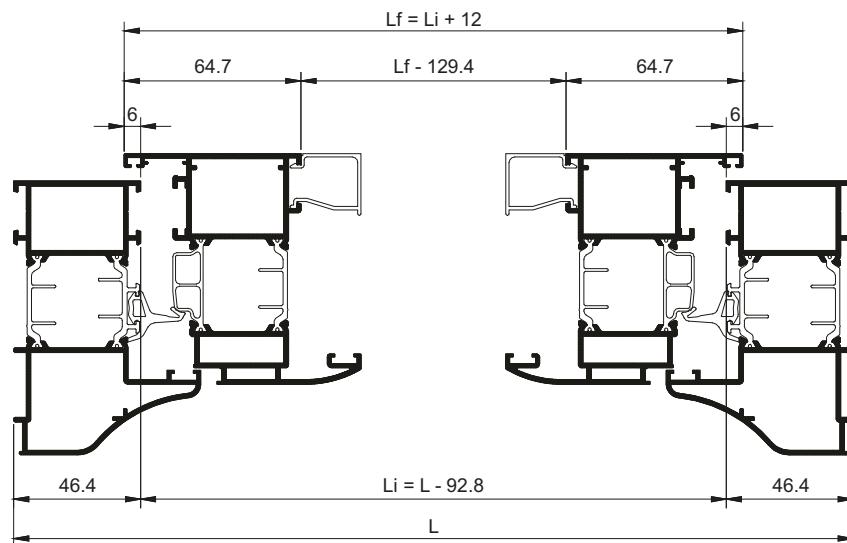


TIPOLOGIAS CONSTRUTIVAS
PORTA COM TRAVESSA INFERIOR



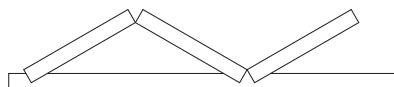
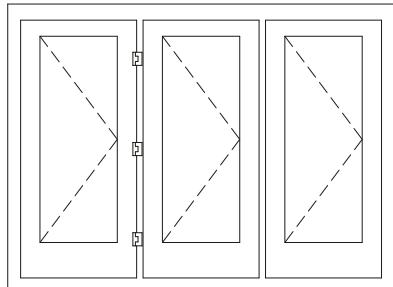
LEGENDA:

L: Largura do caixilho | Lf: Largura da folha | Li: Largura interior do aro
H: Altura do caixilho | Hf: Altura da folha | Hi: Altura interior do aro
NOTA:
Medidas em milímetros (mm).
As medidas de corte são fornecidas a título indicativo.
Deverão ser sempre verificadas e comprovadas pelo fabricante dos caixilhos.





TIPOLOGIAS CONSTRUTIVAS PORTAS DE HARMÓNIO

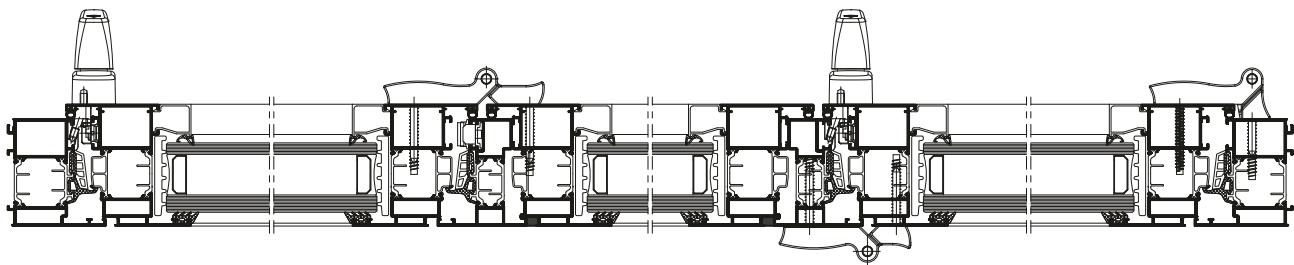
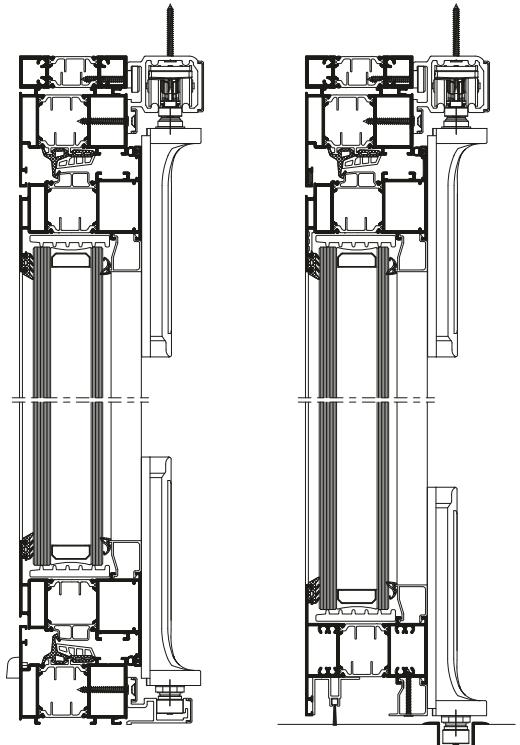


Folhas que abrem para lado esquierdo

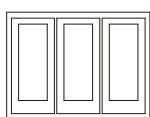
330

Numero total de folhas

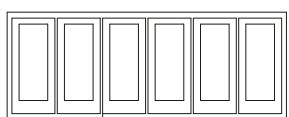
Folhas que abrem para lado direito



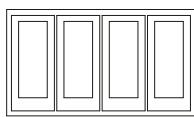
330 | 321



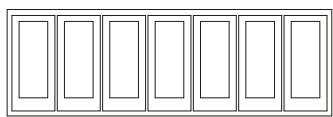
651 | 633



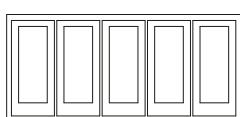
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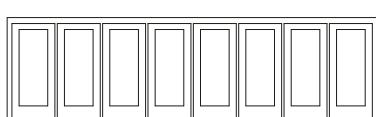
770 | 761 | 752 | 743



550 | 541 | 532



871



Largura folha prioritária: 480mm - 1230mm (folha independente)

Largura folha prioritária: 480mm - 930mm (folhas desdobráveis)

Altura das folhas: 630mm - 2830mm

Peso máximo da folha: 80Kg

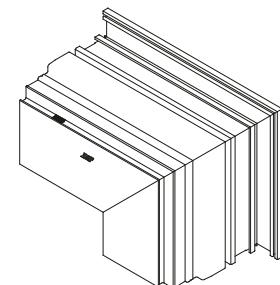
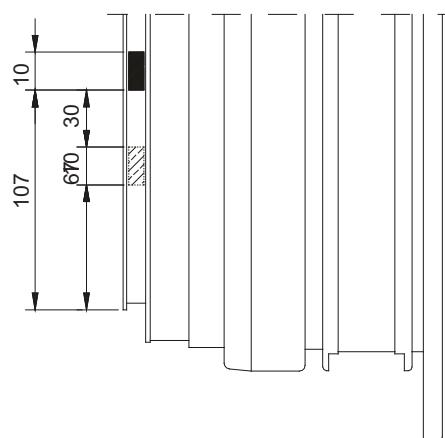
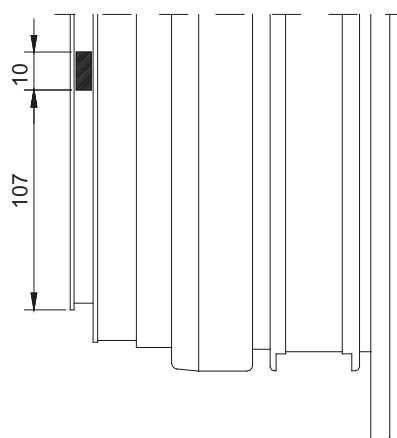
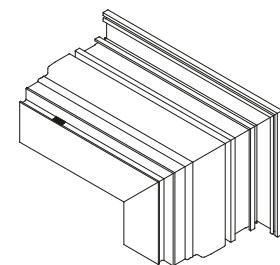
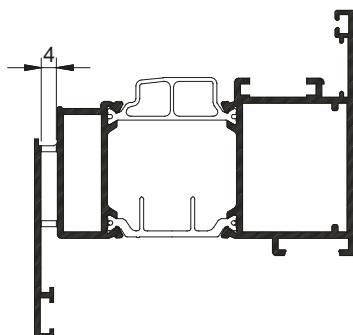
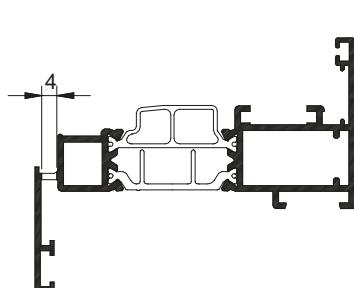
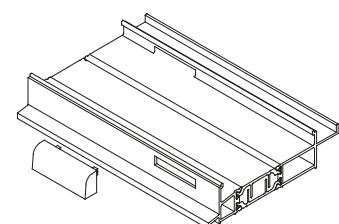
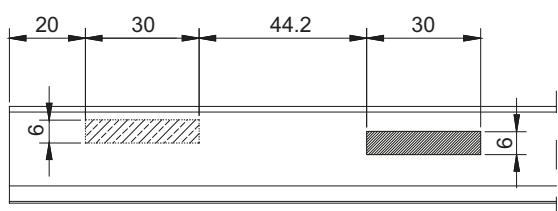
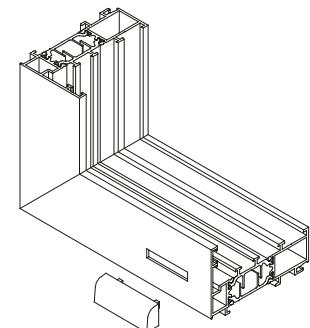
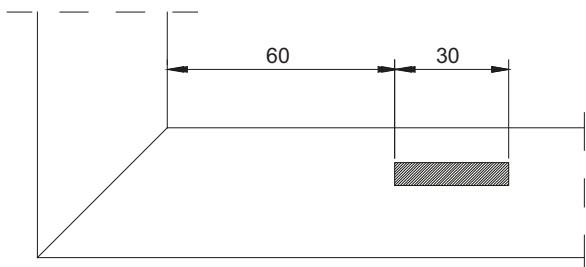
Comprimento máximo das calhas 6m

Abertura para o interior

PARA MAIS INFORMAÇÕES CONSULTE
INFORMAÇÃO TÉCNICA RESPECTIVA



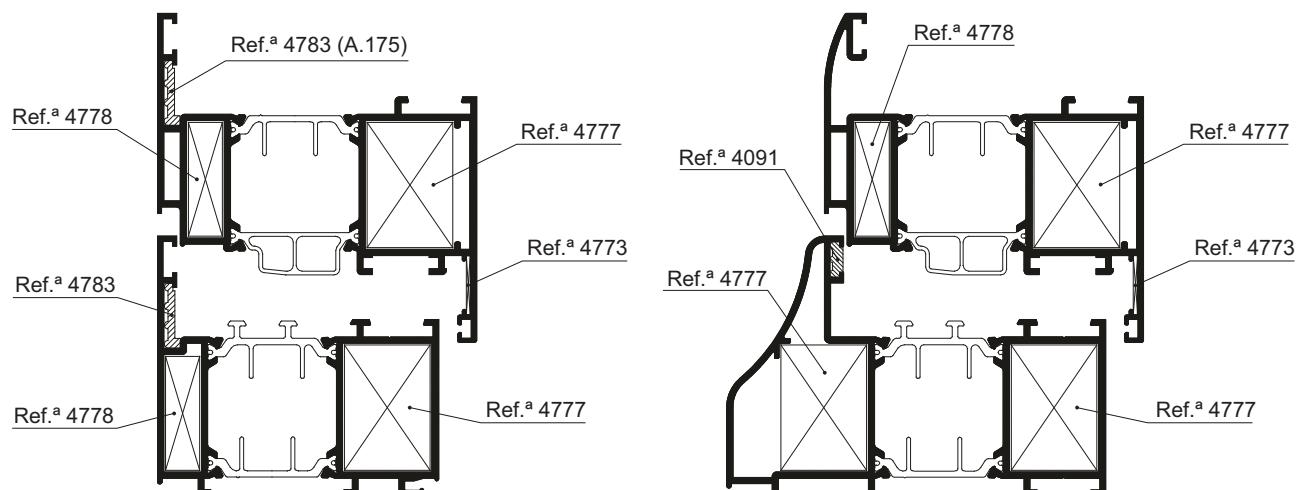
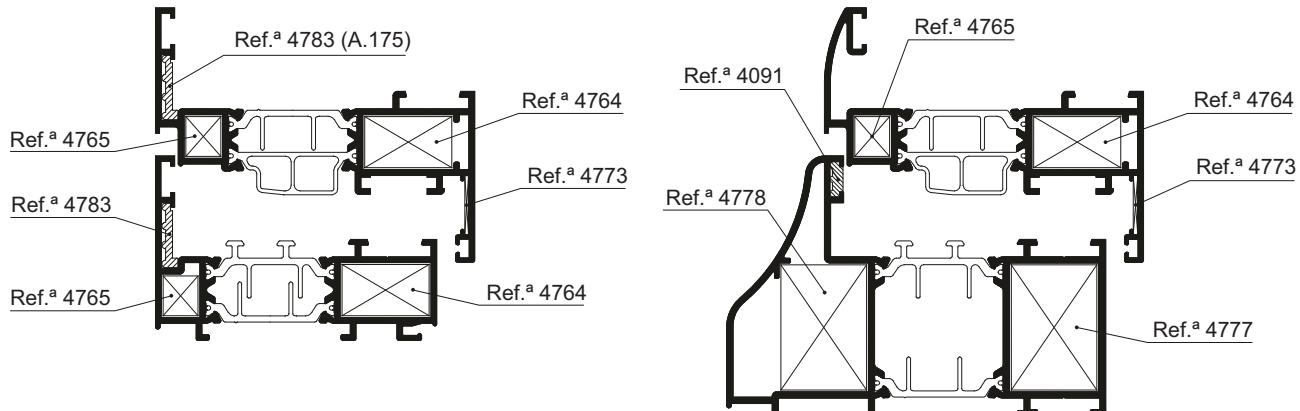
PLANOS DE DRENAGEM



NOTA:
Medidas em milímetros (mm).
Nas ligações entre perfis aplicar cola ou mástique adequado.



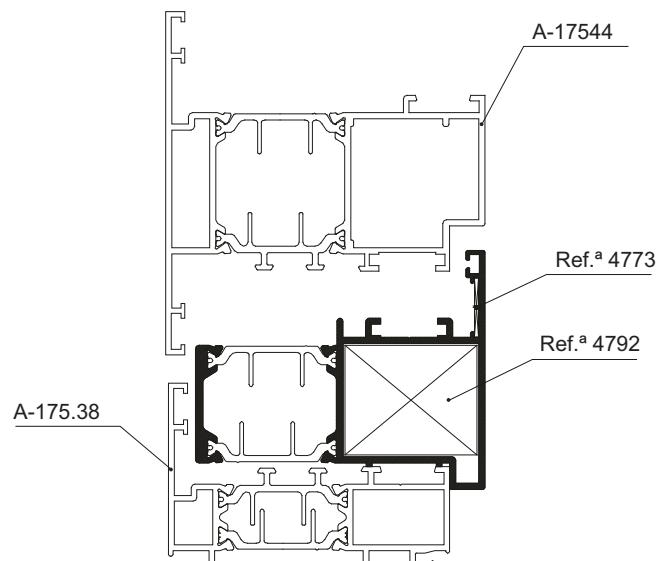
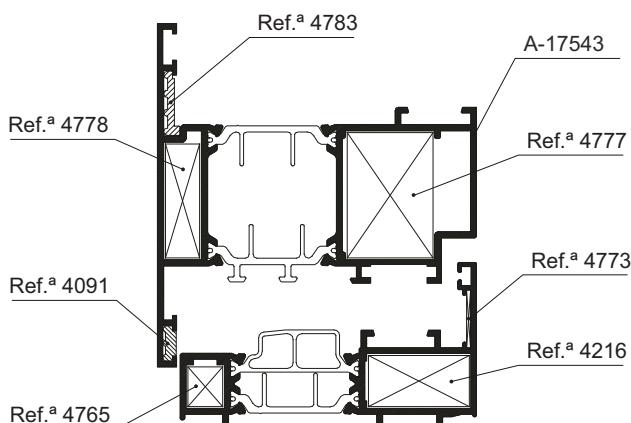
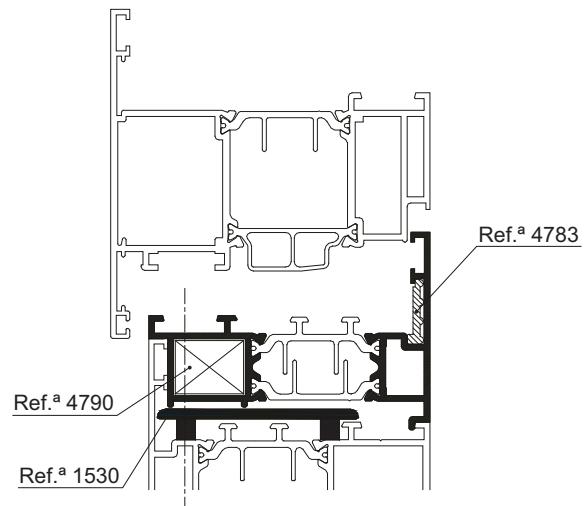
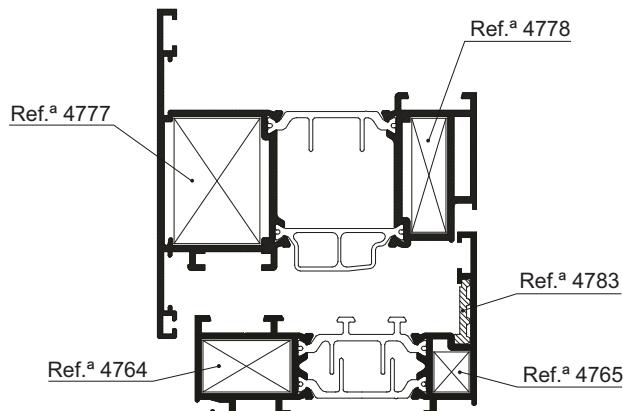
INSTRUÇÕES DE FABRICO



NOTA:
Nas ligações entre perfis aplicar cola ou mástique adequado.



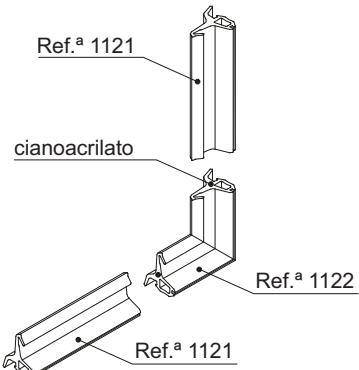
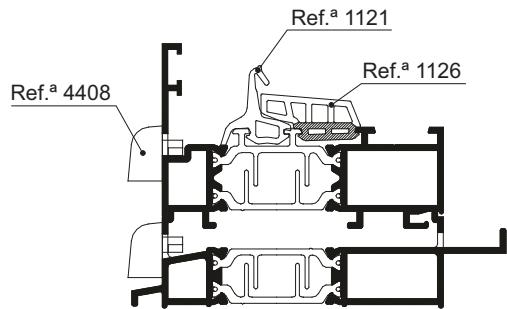
INSTRUÇÕES DE FABRICO



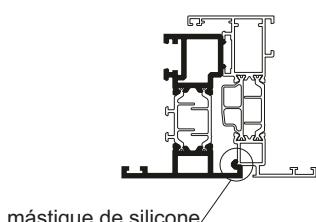
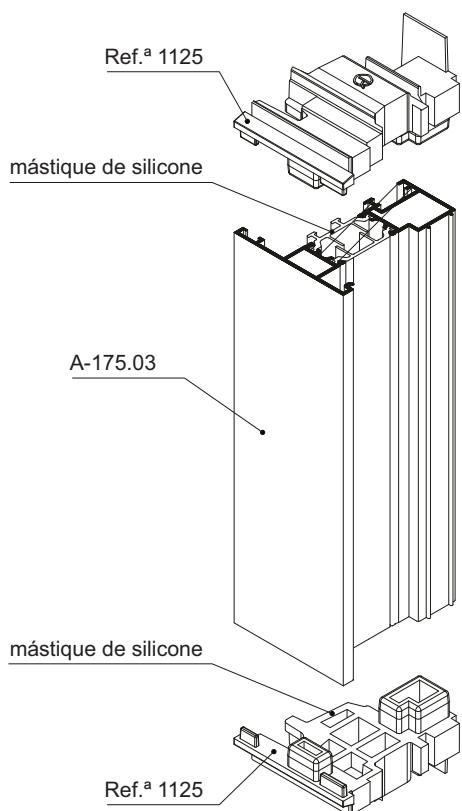
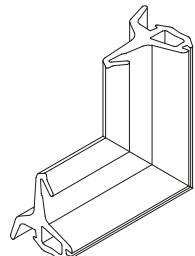
NOTA:
Nas ligações entre perfis aplicar cola ou mástique adequado.



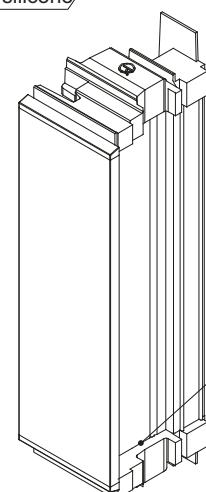
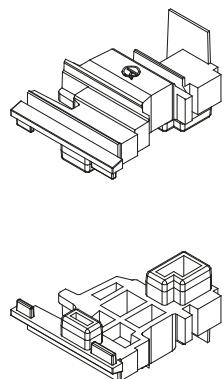
INSTRUÇÕES DE FABRICO



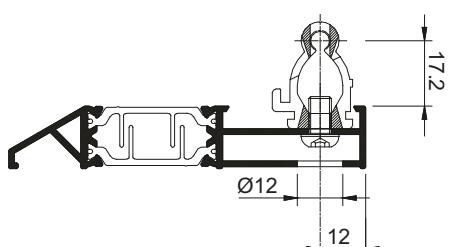
Ref.º 1122



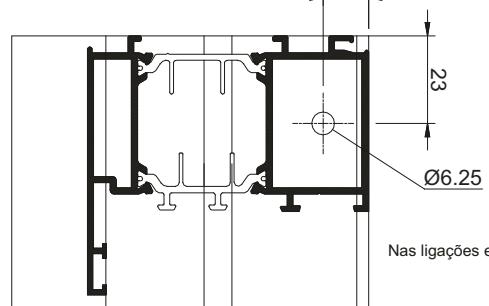
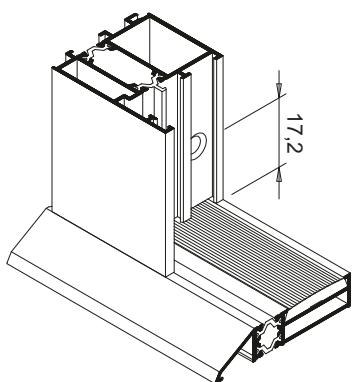
Ref.º 1125



mástique de silicone



Ref.º 4789

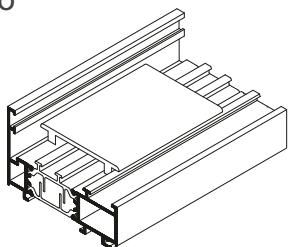


NOTA:
Medidas em milímetros (mm)
Nas ligações entre perfis aplicar cola ou mástique adequado.

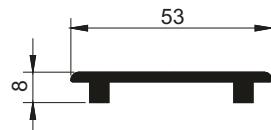


INSTRUÇÕES DE FABRICO

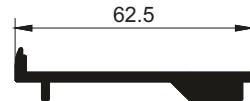
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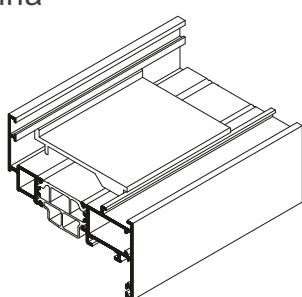
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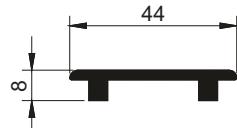
Ref.º 1527



Folha



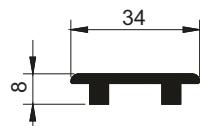
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Ref.º 1526



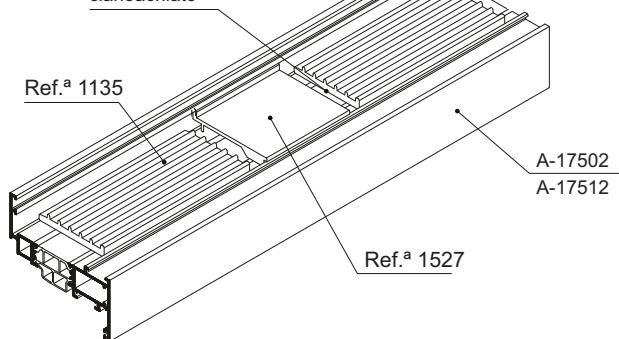
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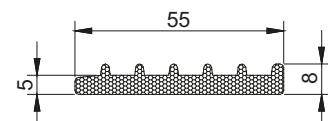
Ref.º 1525



cianoacrilato



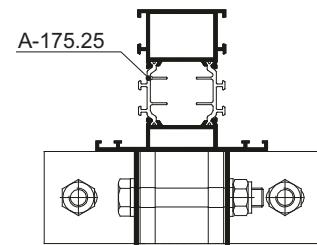
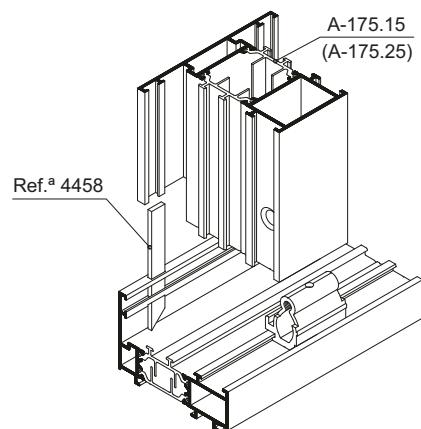
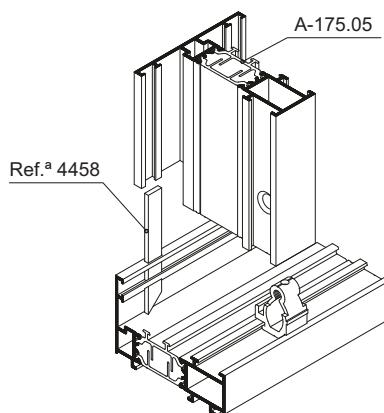
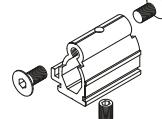
Ref.º 1135



Ref.º 4088



Ref.º 4781

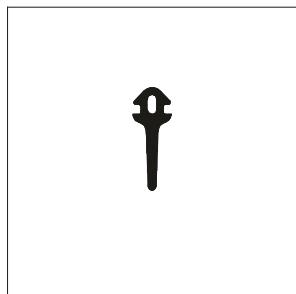


NOTA:
Medidas em milímetros (mm)
Nas ligações entre perfis aplicar cola ou mástique adequado.

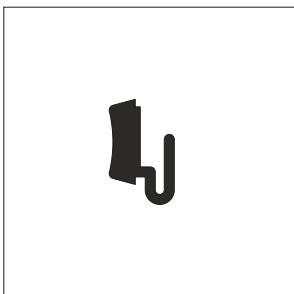


ACESSÓRIOS

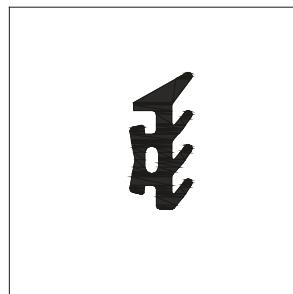
Ref.º 1032
Vedante para pingadeira
EPDM



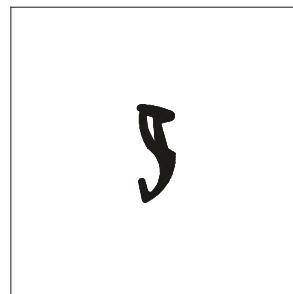
Ref.º 1040
Vedante
EPDM



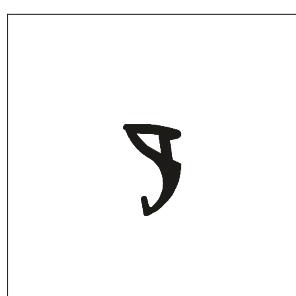
Ref.º 1047
Vedante exterior para vidro
EPDM



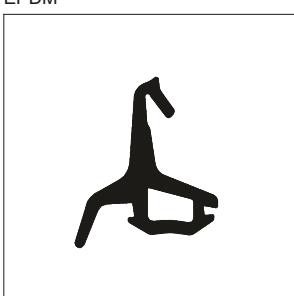
Ref.º 1104
Vedante interior para vidro
EPDM



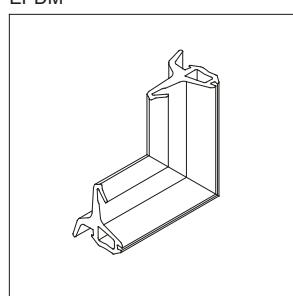
Ref.º 1105
Vedante interior para vidro
EPDM



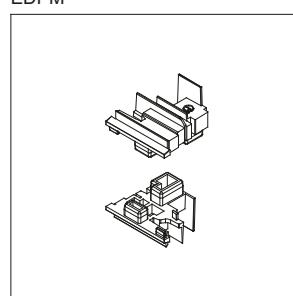
Ref.º 1121
EPDM



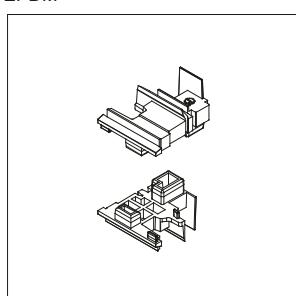
Ref.º 1122
Canto vulcanizado
EPDM



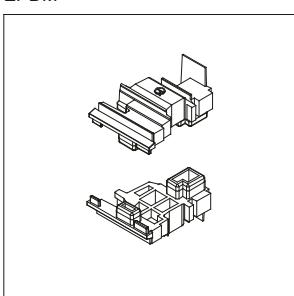
Ref.º 1123
Conjunto topos para o A-155.03
EDPM



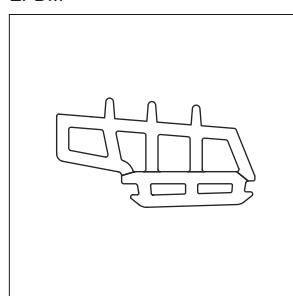
Ref.º 1124
Conjunto topos para o A-165.03
EPDM



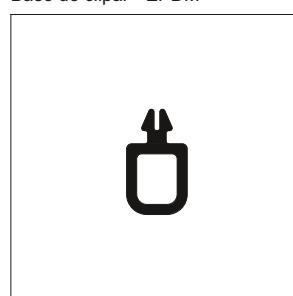
Ref.º 1125
Conjunto topos para o A-175.03
EPDM



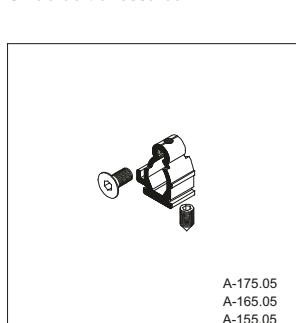
Ref.º 1149
Complemento vedante central A.175
EPDM



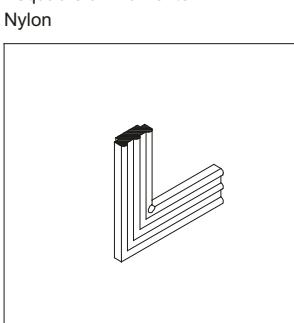
Ref.º 1132
Vedante batente
Base de clipar - EPDM



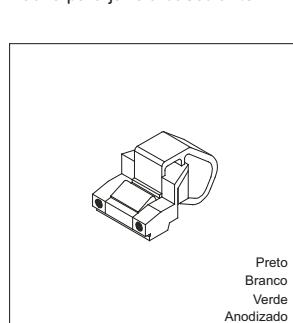
Ref.º 4088
União de travessa com 14 mm



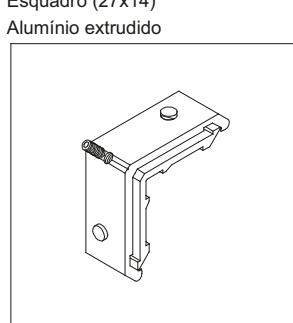
Ref.º 4091
Esquadro alinhamento
Nylon



Ref.º 4173
Fecho para janela basculante



Ref.º 4216
Esquadro (27x14)
Alumínio extrudido

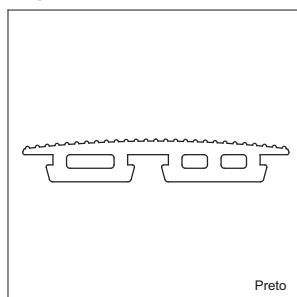




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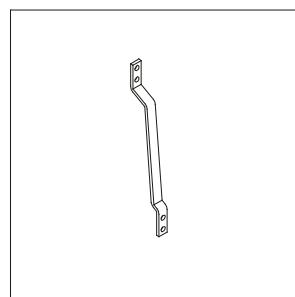
Ref.º 4239

Vedante para soleira
PVC



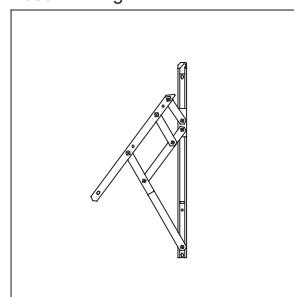
Ref.º 4355

Transmissão para pivotante



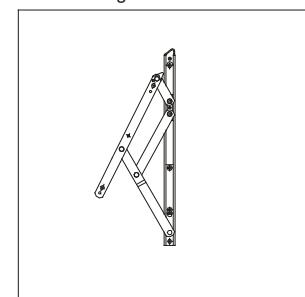
Ref.º 4379

Compasso projectante
Peso < 24 Kg



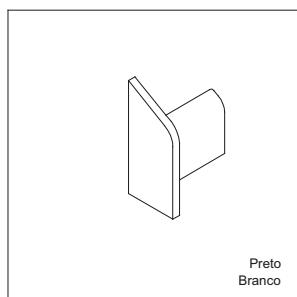
Ref.º 4393

Compasso projectante
Peso < 65 Kg



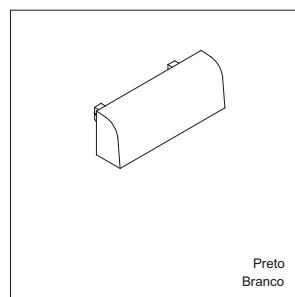
Ref.º 4389

Topo pingadeira



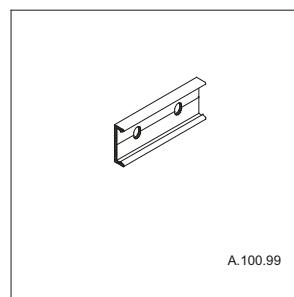
Ref.º 4408

Goteira



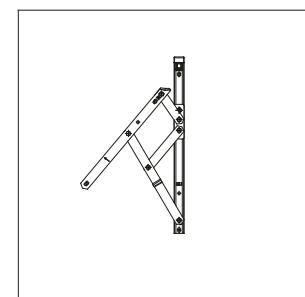
Ref.º 4425

Fixador pingadeira



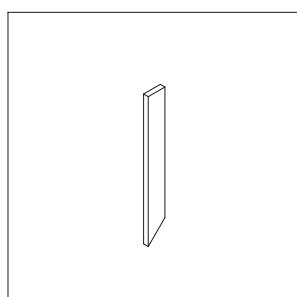
Ref.º 4426

Compasso projectante
Peso < 20 kg



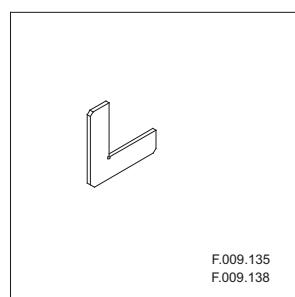
Ref.º 4458

Cavilha elástica fixação travessa
Inox



Ref.º 4483

Esquadro alinhamento
Inox



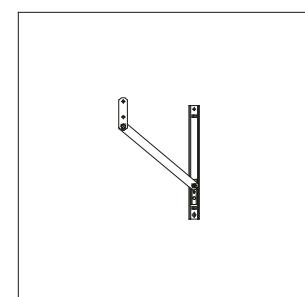
Ref.º 4747

Compasso projectante
Peso < 120 Kg



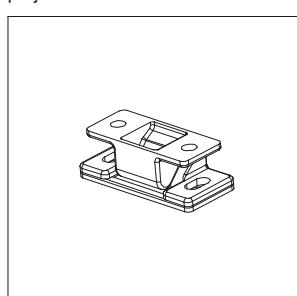
Ref.º 4749

Limitador de abertura com 200mm
Janela projectante



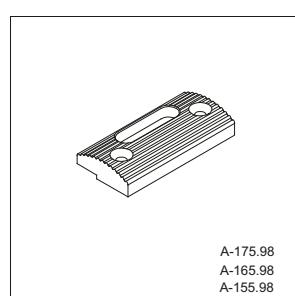
Ref.º 4750

Limitador de flecha para janela
projectante



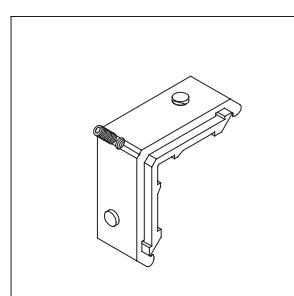
Ref.º 4753

Engate inferior para porta duas folhas



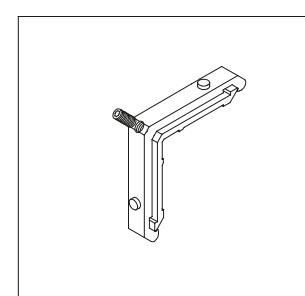
Ref.º 4764

Esquadro (23.5 x 14.5)
Alumínio extrudido



Ref.º 4765

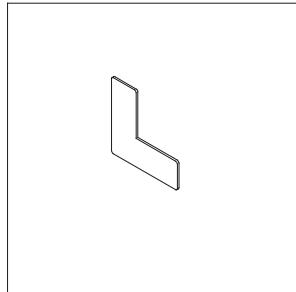
Esquadro (9.5 x 11.5)
Alumínio extrudido



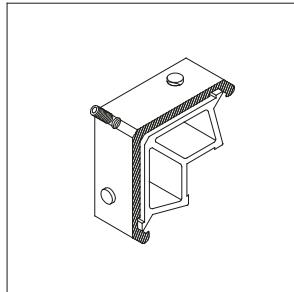


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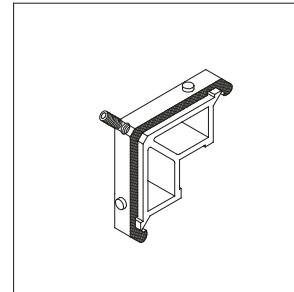
Ref.º 4773
Esquadro alinhamento
Inox



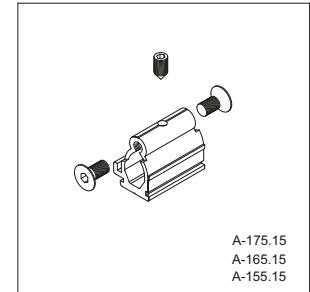
Ref.º 4777
Esquadro (23 x 34)
Alumínio extrudido



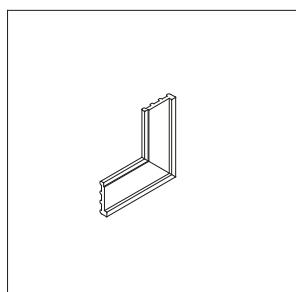
Ref.º 4778
Esquadro (9.5 x 31)
Alumínio extrudido



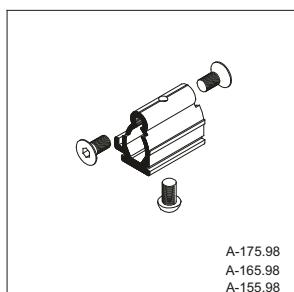
Ref.º 4781
União de travessa com 33.5 mm
Alumínio extrudido



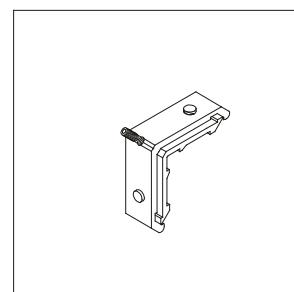
Ref.º 4783
Esquadro alinhamento - A.175



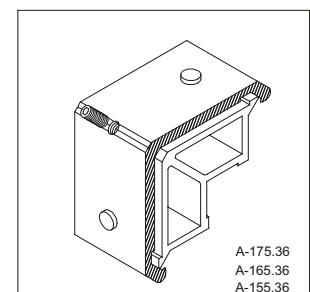
Ref.º 4789
União soleira/aro com 33.5 mm
Alumínio extrudido



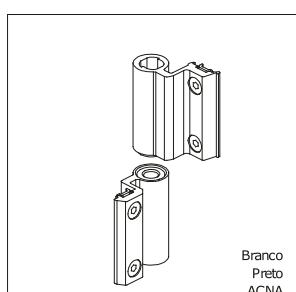
Ref.º 4783
Esquadro (18.5 x 14.5)
Alumínio extrudido



Ref.º 4792
Esquadro (35 x 29)
Alumínio extrudido



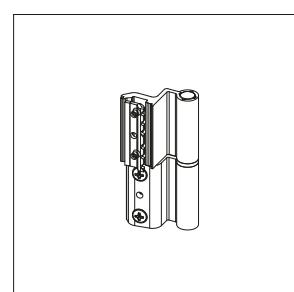
Ref.º 4826
Dobradiça EU para porta



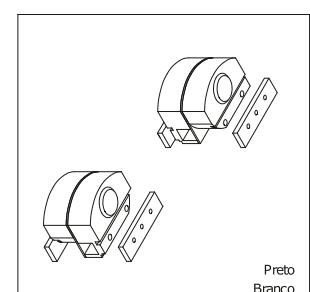
Ref.º 4851
Kit fecho bidirecional
2ªfolha



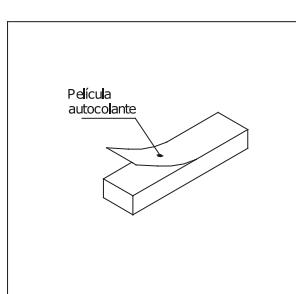
Ref.º 4862
Dobradiça para 3ªfolha



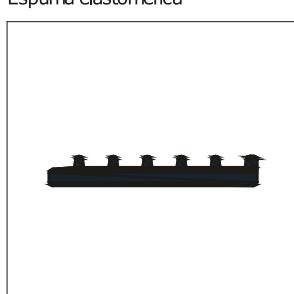
Ref.º 5017
Jogo pivotante



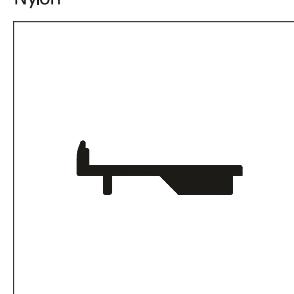
Ref.º 1107
Junta autocolante (rolo)



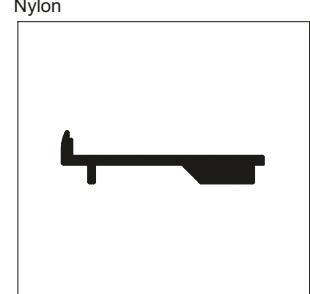
Ref.º 1535
Junta para gola do vidro A.175
Espuma elastomérica



Ref.º 1525
Calço para vidro folha A.155
Nylon



Ref.º 1526
Calço para vidro folha A.165
Nylon

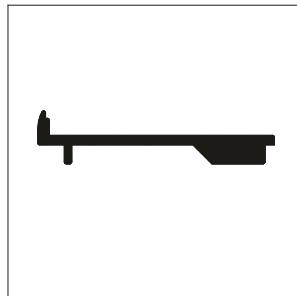




ACESSÓRIOS

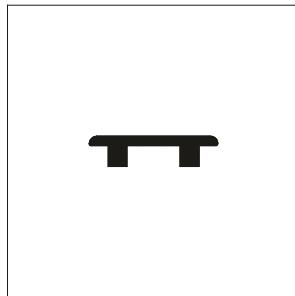
Ref.º 1527

Calço para vidro folha A.175
Nylon



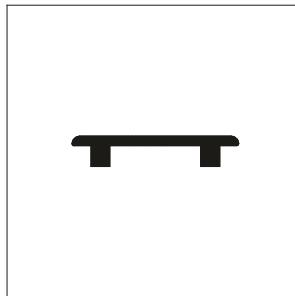
Ref.º 1528

Calço para vidro aro A.155
Nylon



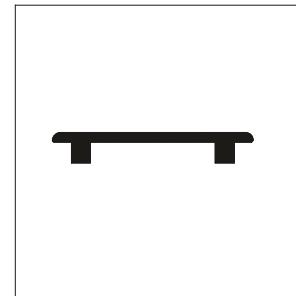
Ref.º 1529

Calço para vidro aro A.165
Nylon



Ref.º 1530

Calço para vidro aro A.175
Nylon



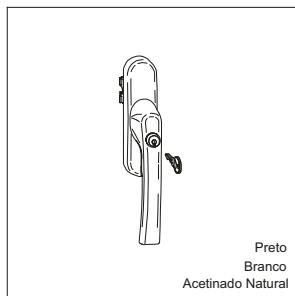
Ref.º 5100

Cremone 1G



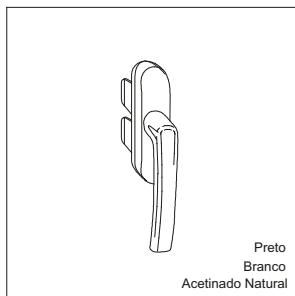
Ref.º 5101

Cremone 1G com chave
Dobradiça oculta



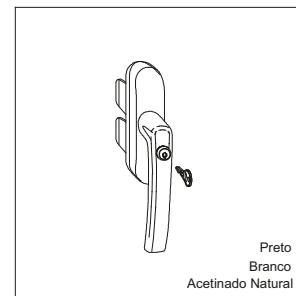
Ref.º 5102

Cremone 2G



Ref.º 5103

Cremone 2G com chave



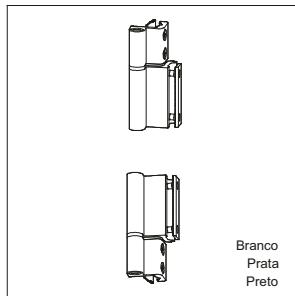
Ref.º 5104

Dobradiça direita
2-50 Kg/ 3-70 Kg



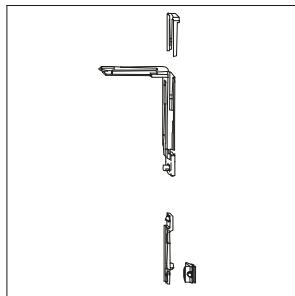
Ref.º 5107

Jogo de dobradiças 2ª F OB
80 Kg



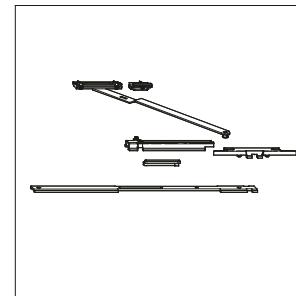
Ref.º 5111

Ângulo de reenvio OB



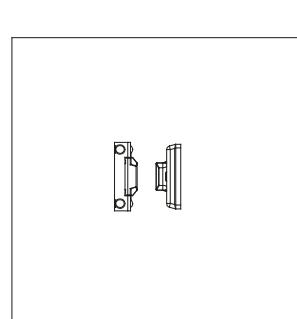
Ref.º 5112

Compasso suplementar OB
L > 1301 mm



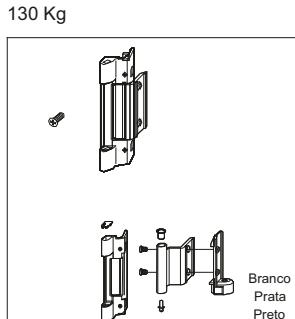
Ref.º 5113

Limitador de flecha



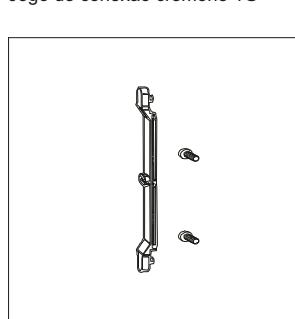
Ref.º 5115

Jogo de dobradiças 2ºF OB
130 Kg



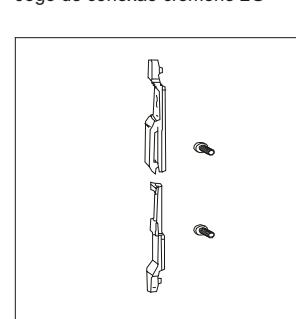
Ref.º 5118

Jogo de conexão cremone 1G



Ref.º 5119

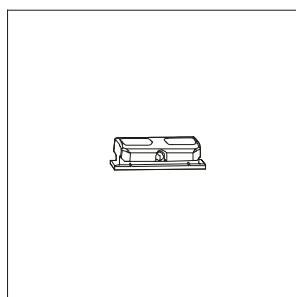
Jogo de conexão cremone 2G



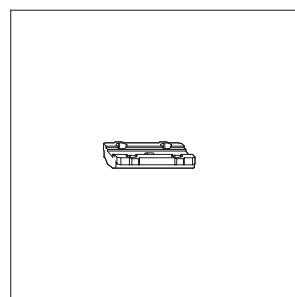


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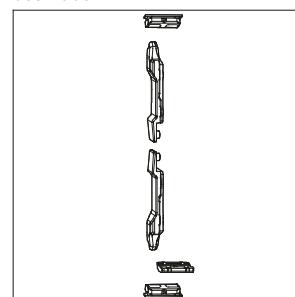
Ref.º 5120
Engate para ponteira



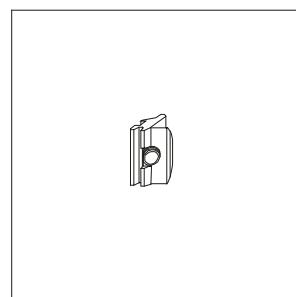
Ref.º 5121
Placa deslizadora



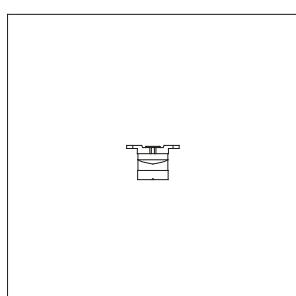
Ref.º 5122
Conjunto ponteiras, engate e
deslizador



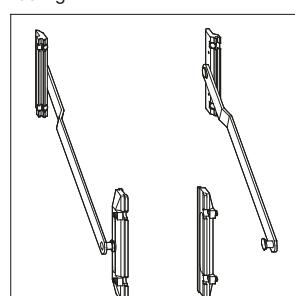
Ref.º 5123
Ponto de fecho aro fixo



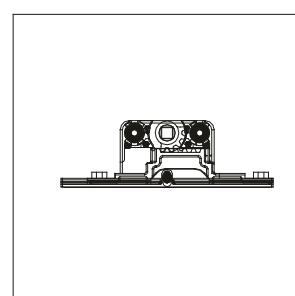
Ref.º 5124
Ponto de fecho folha móvel



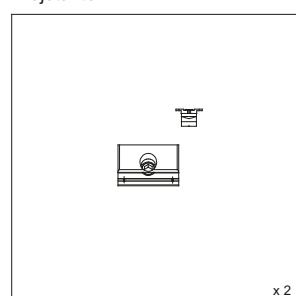
Ref.º 5126
Compasso basculante
130 Kg



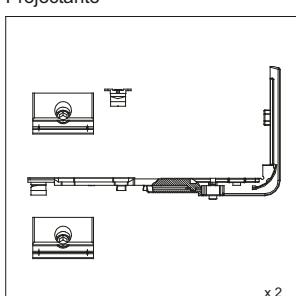
Ref.º 5127
Mecanismo para projectante



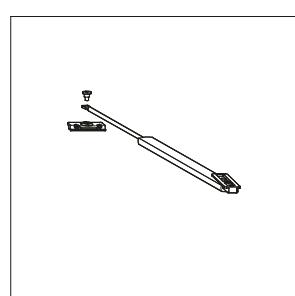
Ref.º 5128
Conjunto ponto de fecho
Projetante



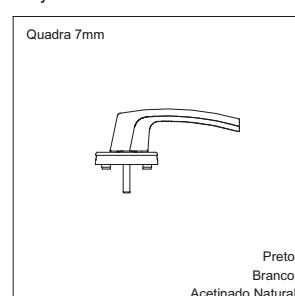
Ref.º 5129
Conjunto ângulo de reenvio
Projectante



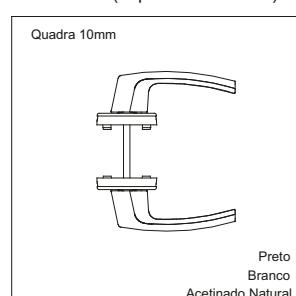
Ref.º 5130
Limitador de abertura



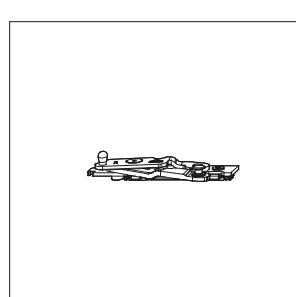
Ref.º 5131
Manete projectante ROTOLINE
Projectante



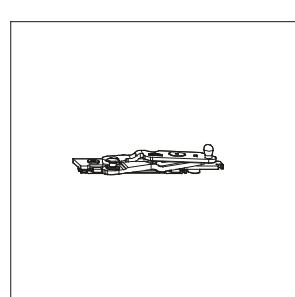
Ref.º 5132
Cremone duplo para porta
ROTOLINE (espelhos incluídos)



Ref.º 5133
Pivot de repouso esquerdo



Ref.º 5134
Pivot de repouso direito



Ref.º 5135
Dobradiça de canto esquerda
com peça de ajuste



Ref.º 5136
Dobradiça de canto direita com
peça de ajuste





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Ref.º 5137

Dispositivo esquerdo de transferência
de carga - 150 Kg



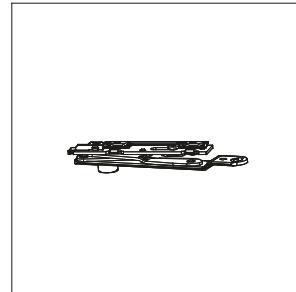
Ref.º 5138

Dispositivo direito de
transferência de carga: 150 Kg



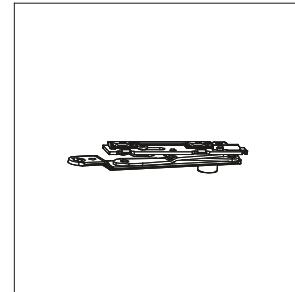
Ref.º 5139

Compasso falso esquerdo



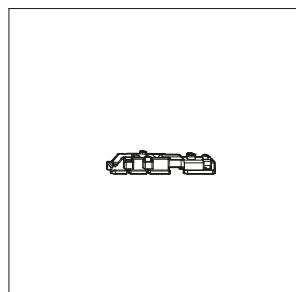
Ref.º 5140

Compasso falso direito



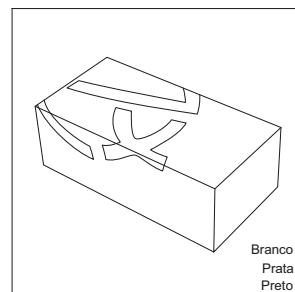
Ref.º 5141

Base para compasso falso



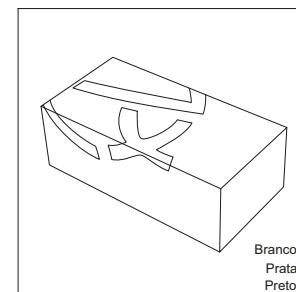
Ref.º 5400

Kit oscilobatente 80Kg
390-700mm



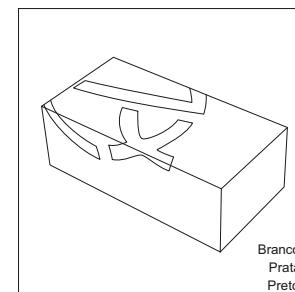
Ref.º 5401

Kit oscilobatente 80Kg
701-1600mm



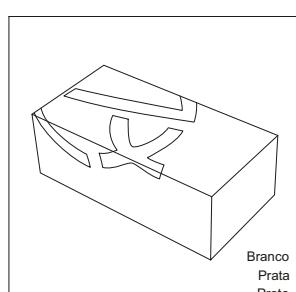
Ref.º 5402

Kit oscilobatente 130Kg
405-600mm



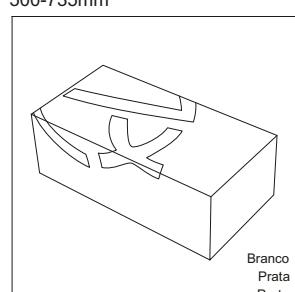
Ref.º 5403

Kit oscilobatente 130Kg
601-1600mm



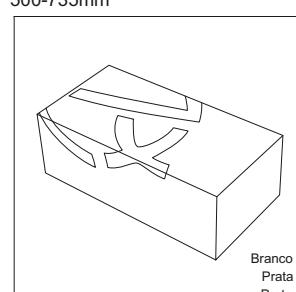
Ref.º 5404

Kit oscilobatente dob esq oculta 100Kg
500-735mm



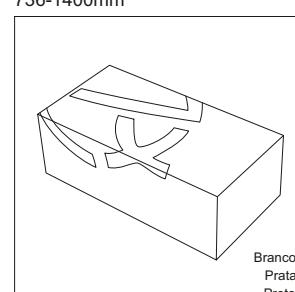
Ref.º 5405

Kit oscilobatente dob dta oculta 100Kg
500-735mm



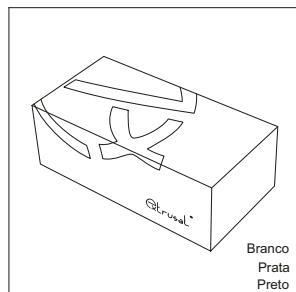
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Kit oscilobatente dob esq oculta 100Kg
736-1400mm



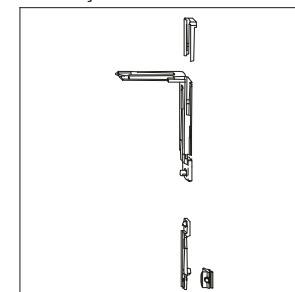
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Kit oscilobatente dob dta oculta 100Kg
736-1400mm



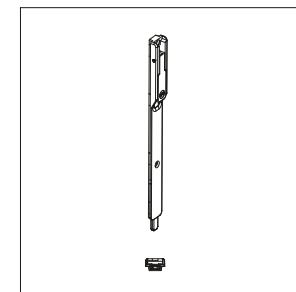
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Ângulo de reenvio OB
Dobradiça oculta



Ref.º 1025

Kit de fecho 2 folha porta



Ref.º 1026

Testa inox para fecho 2 folha porta

