



sistema de batente de 71mm com corte térmico

71mm opening system with thermal break

système d'ouvrant de 71mm à rupture de pont thermique



SISTEMAS  
**EURO 2000**®  
PERFIS DE ALUMÍNIO E VIDROS PARA ARQUITECTURA



## Características do Sistema

### System features

### Caractéristiques du système

O sistema ST foi projectado para responder às necessidades de grande conforto. A combinação deste sistema de perfis termicamente melhorados com vidros selectivos duplos ou tripos proporciona altas prestações de isolamento térmico e/ou acústico, respondendo assim às maiores exigências da construção sustentável.

The ST system was designed to meet the needs of great comfort. The combination of this system of profiles thermally enhanced with selective double or triple glazing provides high performance of thermal and / or acoustic insulation, thereby responding to the increasing demands of sustainable construction.

Le système ST a été conçu pour répondre aux besoins d'un grand confort. La combinaison de ce système de profils thermiques renforcées avec double ou triple vitrage fournit une isolation de haute performance thermique et / ou acoustique, répondant ainsi aux exigences croissantes de la construction durable.



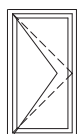
	ST	ST-Oculto   Concealed   Cachée
<b>Apresentação:</b>	<b>Reta   Oval</b>	<b>Reta</b>
Presentation	Straight   Oval	Straight
Présentation	Droite   Ovale	Droite
<b>Dimensões:</b>	<b>Aro Fixo:</b>	<b>71mm   77mm</b>
Dimensions	Fixed frame	
Dimension	Cadre dormant	
	<b>Aro Móvel:</b>	<b>70mm</b>
	Mobile frame	
	Cadre ouvrant	
<b>Bites:</b>	<b>Retos ou Redondos</b>	
Glazing beads	Straight or Round	
Parcloses	Droite ou Arrondie	
<b>Enchimento:</b>	<b>De 19 a 58mm (vidro duplo   vidro triplo)</b>	<b>Máximo 33mm (vidro)</b>
Filling	From 19 to 58mm (double glazing   triple glazing)	Maximum of 33mm (glass)
Remplissage	De 19 à 58mm (double vitrage   triple vitrage)	Maximale 33mm (verre)
<b>Canal:</b>	<b>Câmara Europeia   Canal 16</b>	<b>Câmara Europeia</b>
Channel	European chamber   Channel 16	European chamber
Chenal	Chambre européenne   Chenal 16	Chambre européenne
<b>Cortes:</b>	<b>45°   90°</b>	
Cuts   Coupes		
<b>Vedação:</b>	<b>Junta em EPDM</b>	
Insulation	EPDM joints	
Étanchéité	Joint en EPDM	
<b>Unções:</b>	<b>Com esquadros de alinhamento e de aperto</b>	
Joint	Interior: Com esquadros de aperto e uniões de travessa	
Union	Outer: With blocking and alignment brackets   Inner: blocking brackets and transoms unions	
	Extérieur: Équerres de verrouillage   Intérieur: Équerres de verrouillage et unions des traverses	
<b>Poliamida:</b>	<b>Aro fixo: 39mm   Aro móvel: 35mm</b>	
Polyamide	Fixed frame   Mobile frame	
Poliamyde	Cadre dormant   Cadre ouvrant	
<b>Peso máximo:</b>	<b>Janela batente (int./ext. 1   2 folhas) - 150 Kg/folha</b>	
Maximum weight	Casement (in/out 1   2 leaves)   Fenêtre à la française (int./ext. 1   2 vantaux)	
Poids maximale	<b>Porta batente (int./ext. 1   2 folhas) - 180 Kg/folha</b>	
	French door (in/out 1   2 leaves)   Porte (int./ext. 1   2 vantaux)	
	<b>Oscilo-batente - 150 Kg/folha</b>	
	Tilt and turn   Oscillo-Battant	
	<b>Oscilo-paralela - 160 Kg/folha</b>	
	Tilt and slide   Oscillo-coulissant	
	<b>Projetante - 120 Kg/folha</b>	
	Awning   à l'italienne	
	<b>Basculante - 70 Kg/folha</b>	
	Hopper   À soufflet	
	<b>Harmónio - 80 Kg/folha</b>	
	Fold   Repliable	
<b>Acabamentos:</b>	<b>Lacados   Anodizados   Bicolores</b>	
Finishes	Powder coating   Anodizing   Bicolour	
Finitions	Laqué   Anodisé   Bicolore	



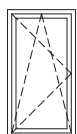
Licença nº. 1406 - Metalfer  
Licença nº. 1411 - Alfa Sul



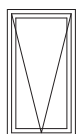
Licença nº. 809



Batente int|ext 1|2 folhas  
casement in|out 1|2 leaves  
française int|ext 1|2 vantaux



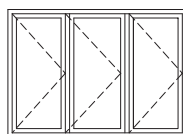
Oscilo-batente 1|2 folhas  
tilt and turn 1|2 leaves  
oscillo-battant 1|2 vantaux



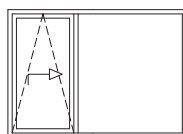
Projetante  
awning  
à l'italienne



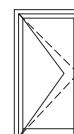
Basculante  
hopper  
à soufflet



Harmónio 3|4|5|6|7 folhas  
fold 3|4|5|6|7 leaves  
repliable 3|4|5|6|7 vantaux



Oscilo-paralela  
tilt and slide  
oscillo-coulissant



Porta | Door | Porte  
Batente int|ext 1|2 folhas  
door in|out 1|2 leaves  
française int|ext 1|2 vantaux



## Desempenho do sistema

System performance

Performance du système

## Marcação CE - Resultados previstos

CE Marking - Predicted results

Marquage CE - Résultats prévus

NP EN 14351-1

Janela 2 folhas com 1.60x1.40m

Vidro : 66.1 + 14 + 6 + 14 + 44.1

2 leaves window 1.60 x 1.40m

Glass: 66.1 + 14 + 6 + 14 + 44.1

Fenêtre 2 vantaux 1.60m x 1.40m

Verre: 66.1 + 14 + 6 + 14 + 44.1

## Permeabilidade ao AR

AIR Permeability

Perméabilité à l'AIR

4

## Estanquidade à ÁGUA

WATER Tightness

Étanchéité à l'EAU

E900

## Resistência ao VENTO

WIND Resistance

Résistance au VENT

C5

## Coef. Transm. TÉRMICA

THERMAL Transmittance

Coef. de Transmission THERMIQUE

**Uw = 0,89 W/m² K**

Ug = 0,6W/m² K (Janela 2 folhas com 1,60x1,40m)

Ug = 0,6W/m²K (2 leaves window with 1,60x1,40m)

Ug = 0,6W/m²K (Fenêtre de 2 vantaux avec 1,60x1,40m)

## Isolamento ACÚSTICO

ACOUSTIC Insulation

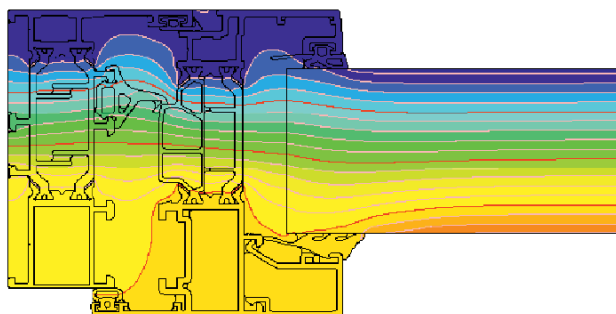
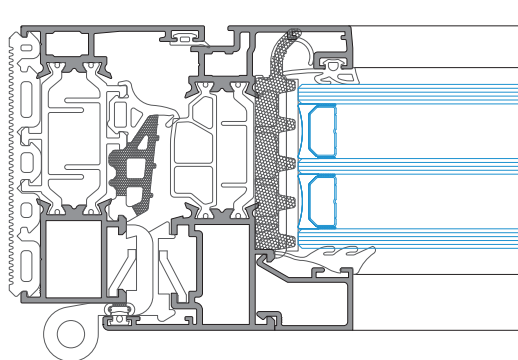
Isolation ACOUSTIQUE

**Rw janela(dB)= 48dB**

Rw (IGU) = 51dB, área ≤ 2,70m²

Rw (IGU) = 51dB, area ≤ 2,70m²

Rw (IGU)=51dB, aire ≤ 2,70m²





5

**Listagem de perfis**

Profiles list  
Liste des profils

25

**Acessórios**

Accessories  
Accessoires

49

**Pormenores de montagem**

Assembly details  
Détails d'assemblage

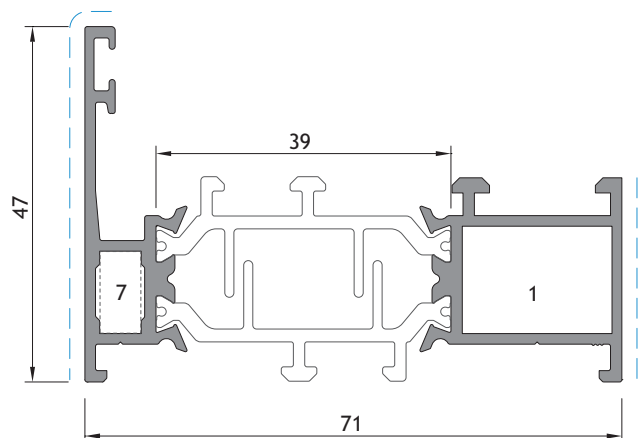




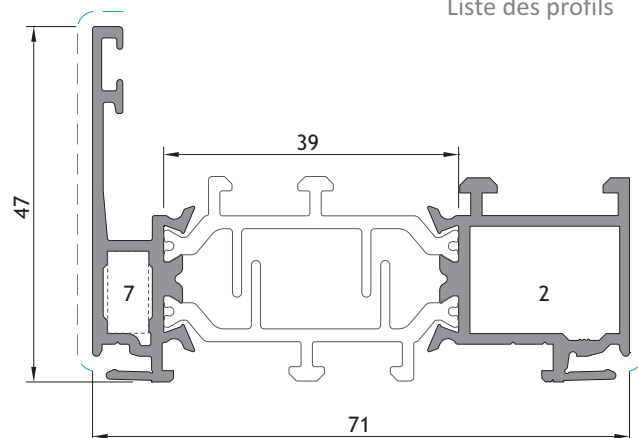
## Listagem de perfis

Profiles list

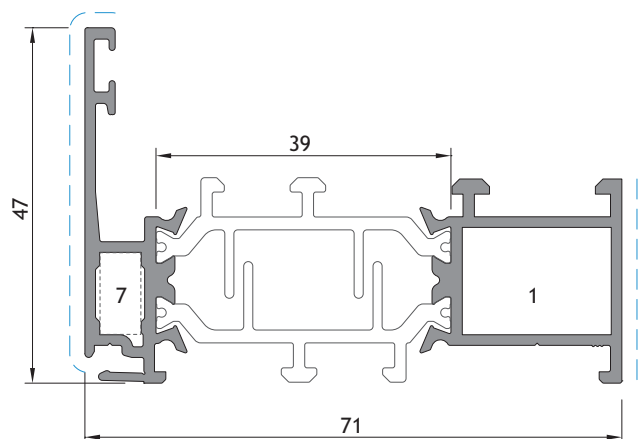
Liste des profils



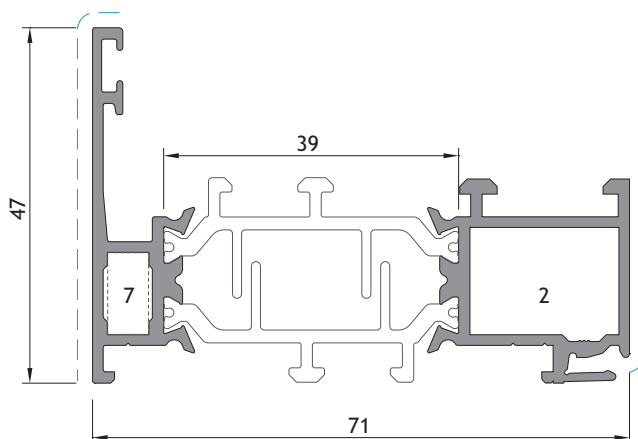
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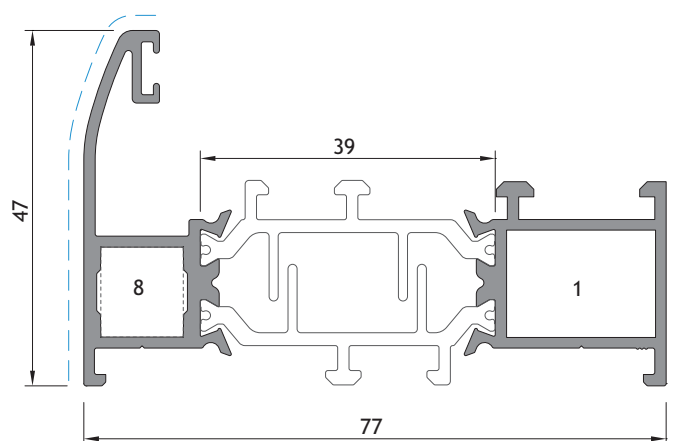
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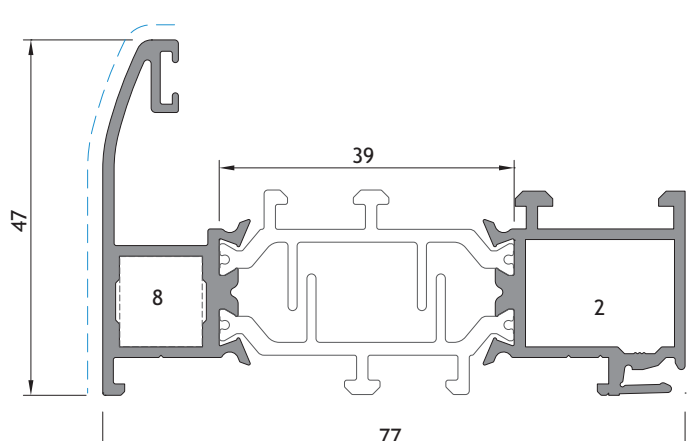
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ST 41



ST 38



ST 28

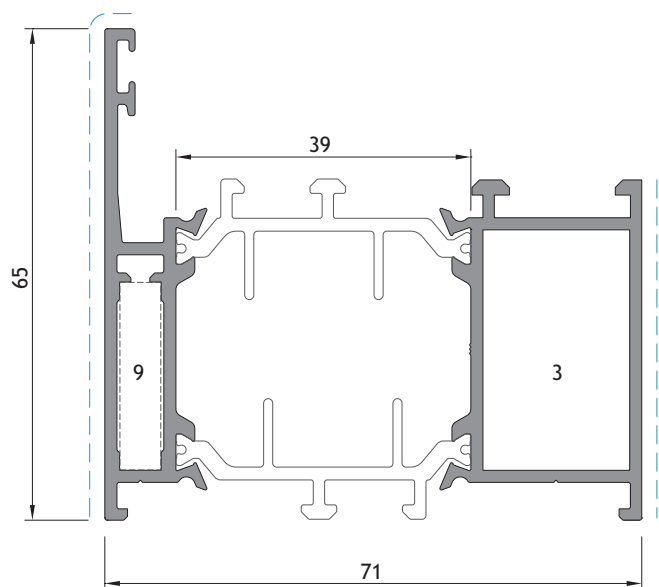


1 - ESQUADRO IT/ST Nº 1  
6 - ESQUADRO IT/ST Nº 6  
10 - ESQUADRO 18-1130-C  
14 - ESQUADRO 1108  
18 - UNIÃO T. SA 2001G

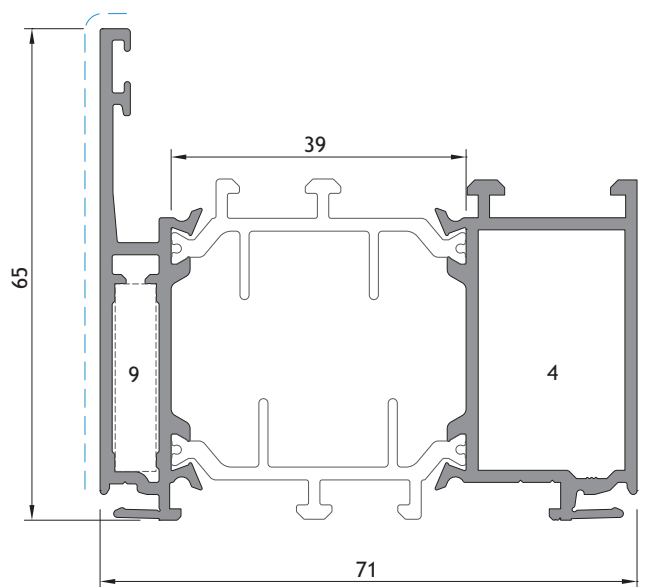
2 - ESQUADRO IT/ST Nº 2  
7 - ESQ. 18-0512-C (ou CANTO CR 0018)  
11 - ESQUADRO AT ESPECIAL GRANDE  
15 - ESQUADRO 26-2537-140  
19 - UNIÃO T. SA 2001XP

3 - ESQUADRO IT/ST Nº 3  
8 - ESQUADRO 18-1112-C  
12 - ESQ. AT E. PEQUENO  
16 - ESQ. 18-2523-C

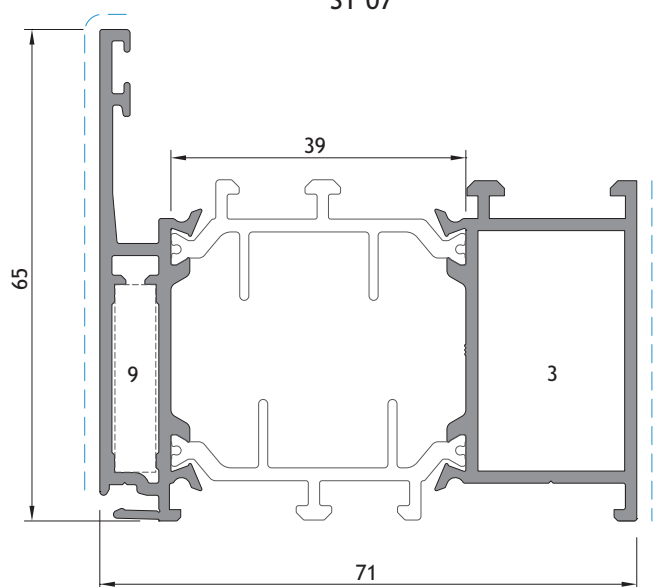
5 - ESQUADRO IT/ST Nº 5  
9 - ESQ. 18-0525-C (ou CANTO CR 0182)  
13 - ESQ. 18-1414-C  
17 - ESQ. SA 35 CORTADO PEQUENO



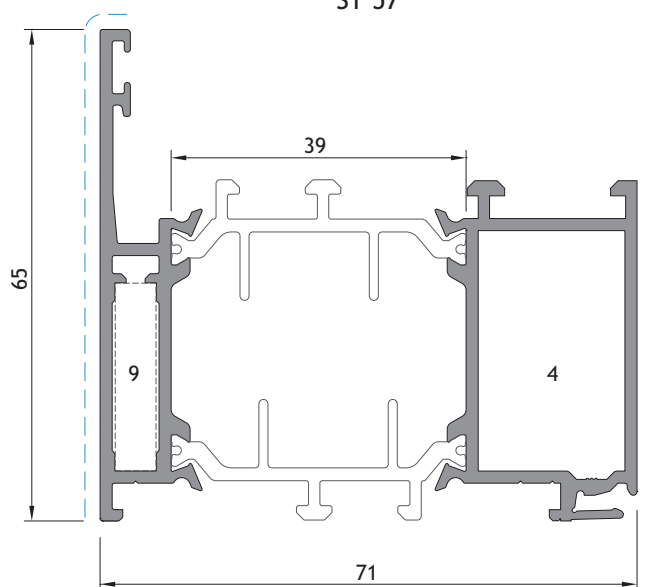
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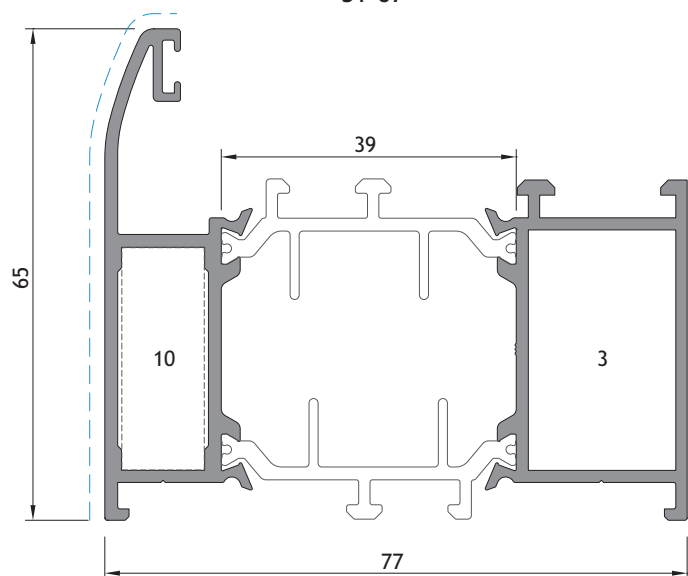
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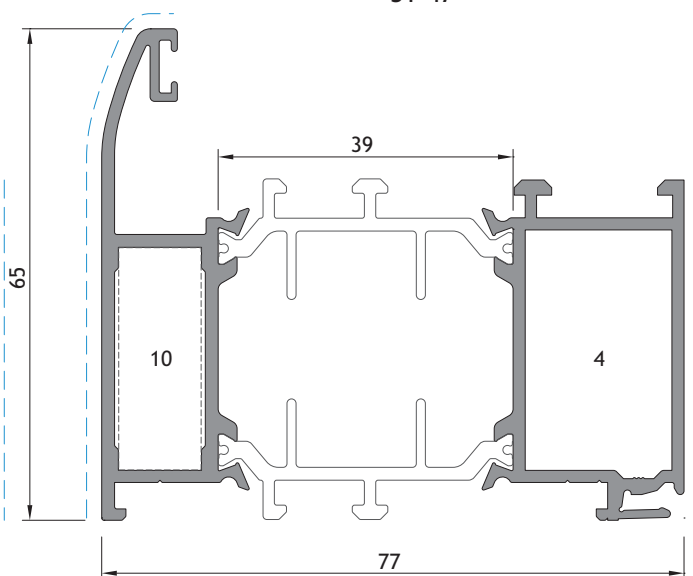
ST 67



ST 47



ST 56



ST 69

1 - ESQUADRO IT/ST Nº 1  
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14 - ESQUADRO 1108  
18 - UNIÃO T. SA 2001G

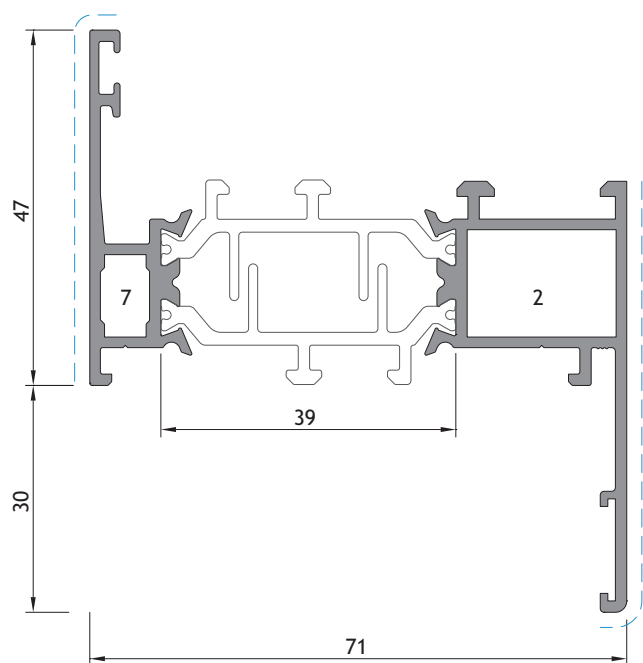
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15 - ESQUADRO 26-2537-140  
19 - UNIÃO T. SA 2001XP

3 - ESQUADRO IT/ST Nº 3

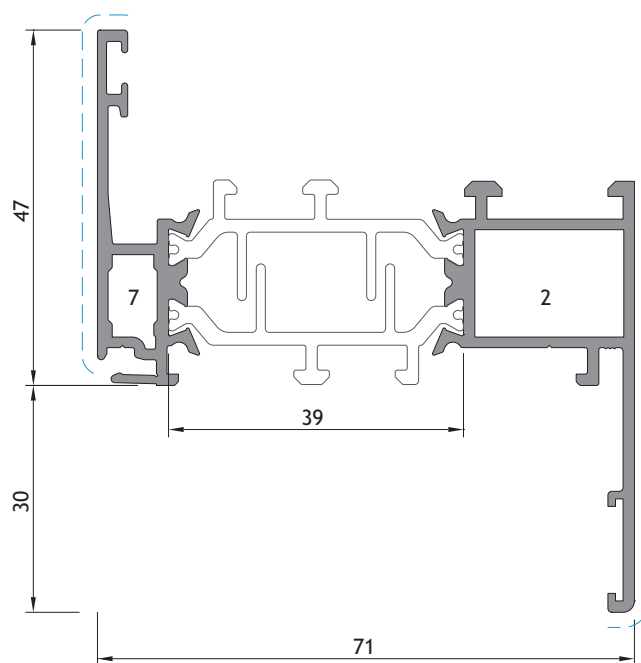
4 - ESQUADRO IT/ST Nº 4  
8 - ESQUADRO 18-1112-C  
12 - ESQ. AT E. PEQUENO  
16 - ESQ. 18-2523-C

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9 - ESQ. 18-0525-C (ou CANTO CR 0182)  
13 - ESQ. 18-1414-C  
17 - ESQ. SA 35 CORTADO PEQUENO

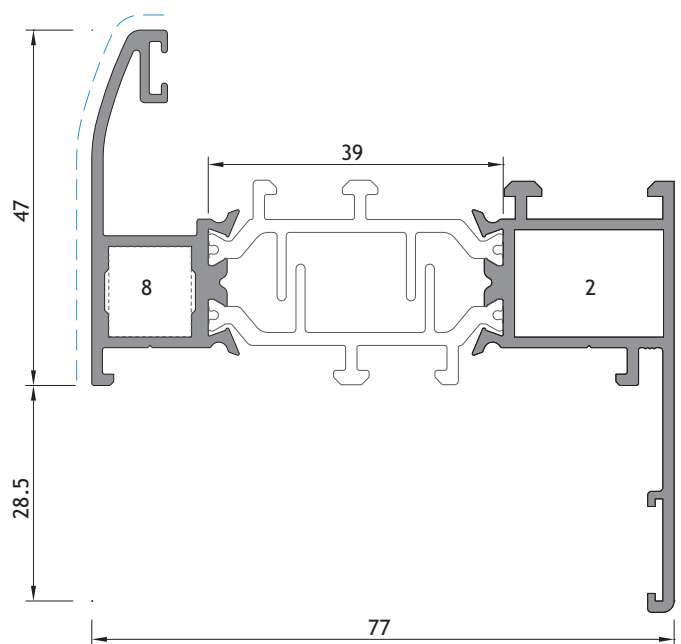




ST 81



ST 61



ST 21

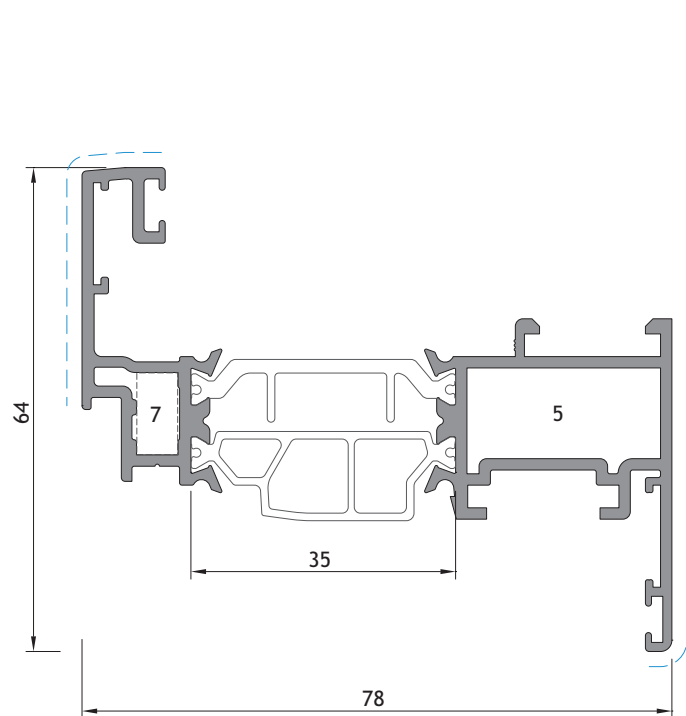


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14 - ESQUADRO 1108  
18 - UNIÃO T. SA 2001G

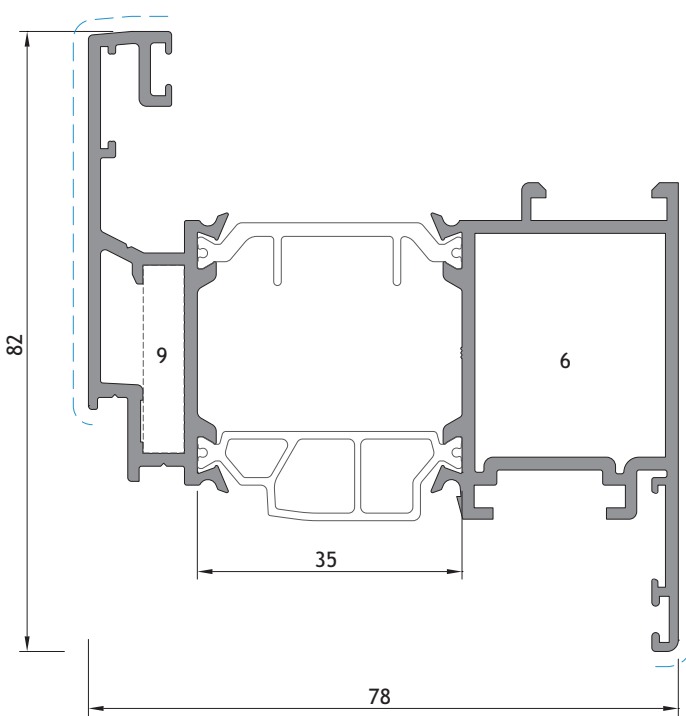
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11 - ESQUADRO AT ESPECIAL GRANDE  
15 - ESQUADRO 26-2537-140  
19 - UNIÃO T. SA 2001XP

3 - ESQUADRO IT/ST Nº 3  
4 - ESQUADRO IT/ST Nº 4  
8 - ESQUADRO 18-1112-C  
12 - ESQ. AT E. PEQUENO  
16 - ESQ. 18-2523-C

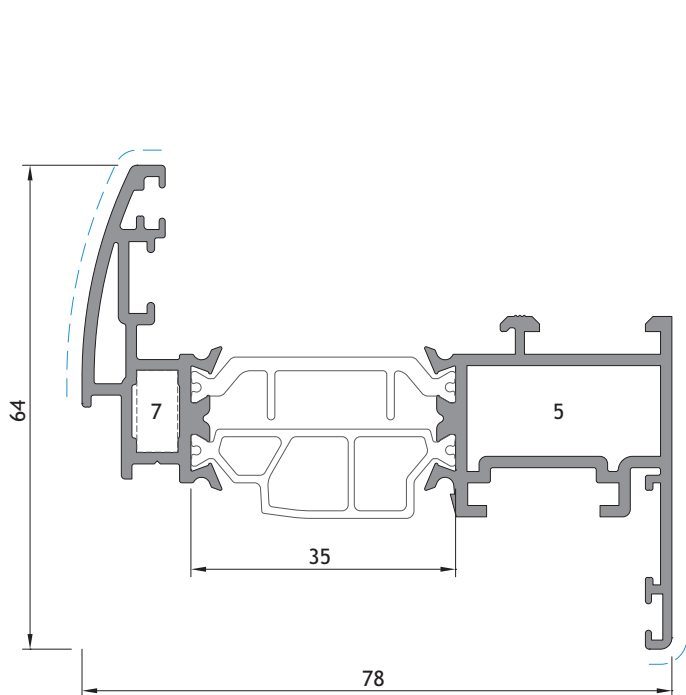
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13 - ESQ. 18-1414-C  
17 - ESQ. SA 35 CORTADO PEQUENO



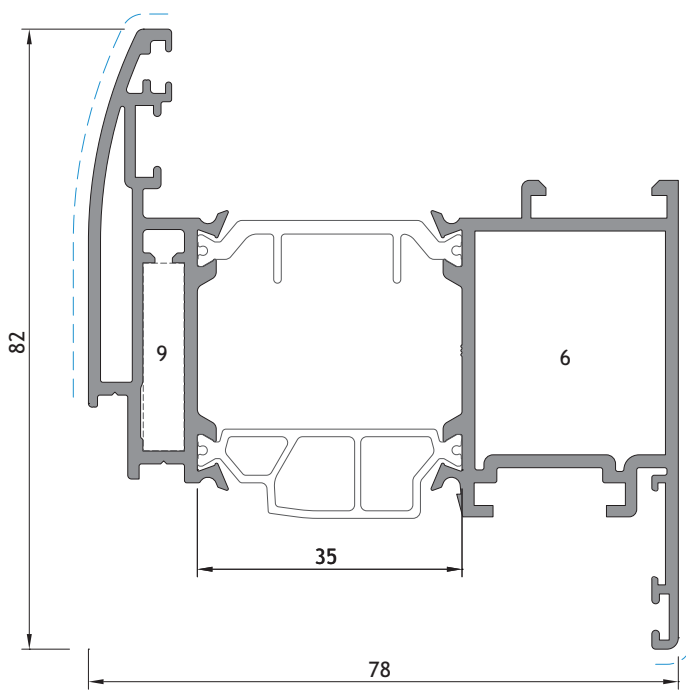
ST 02



ST 11



ST 85



ST 88

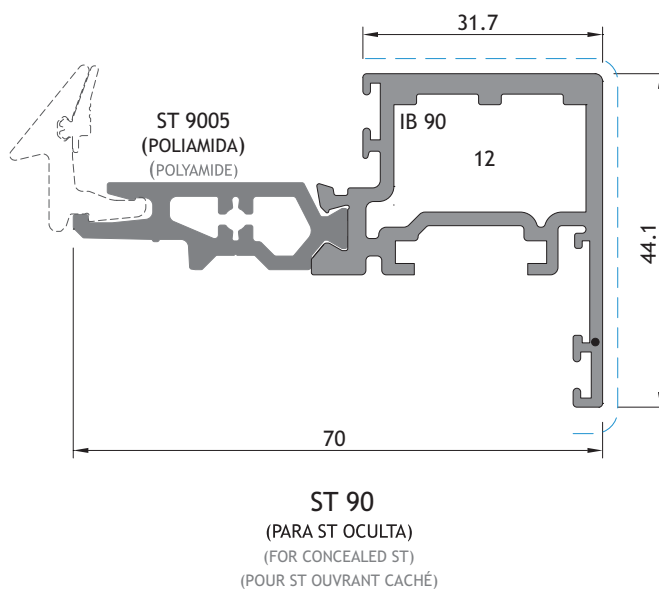
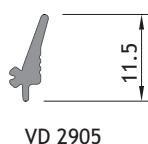
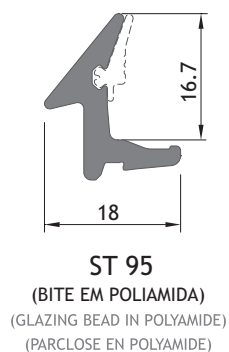
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 10 - ESQUADRO 18-1130-C  
 14 - ESQUADRO 1108  
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 9 - ESQ. 18-0525-C (ou CANTO CR 0182)  
 13 - ESQ. 18-1414-C  
 17 - ESQ. SA 35 CORTADO PEQUENO



**IMPORTANTE | IMPORTANT | AVERTISSEMENT: ST-90**

1º Anodizar/lacar o perfil IB-90

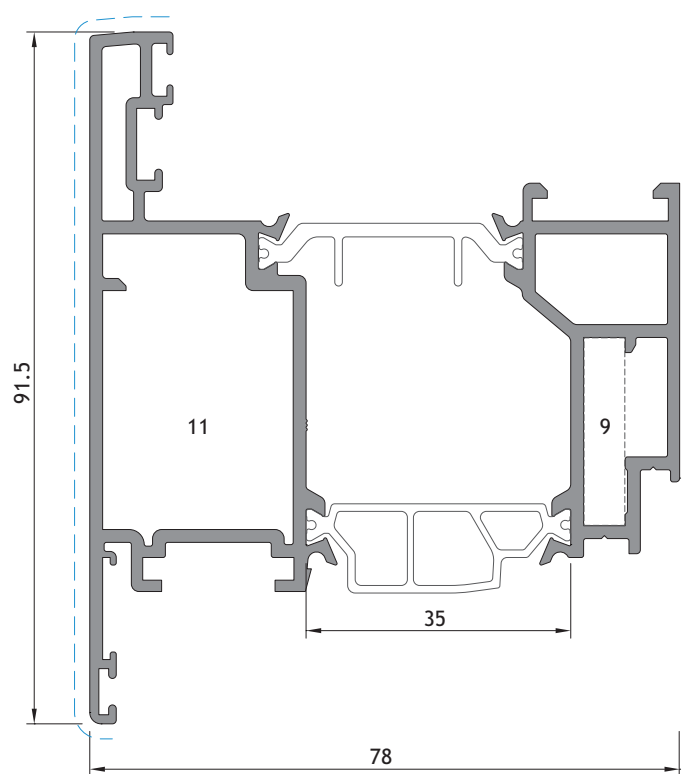
2º Cravar o ST-9005 (Poliamida). O perfil ST- 9005 não pode ser lacado/anodizado

1º Anodize/Powder coat profile IB-90

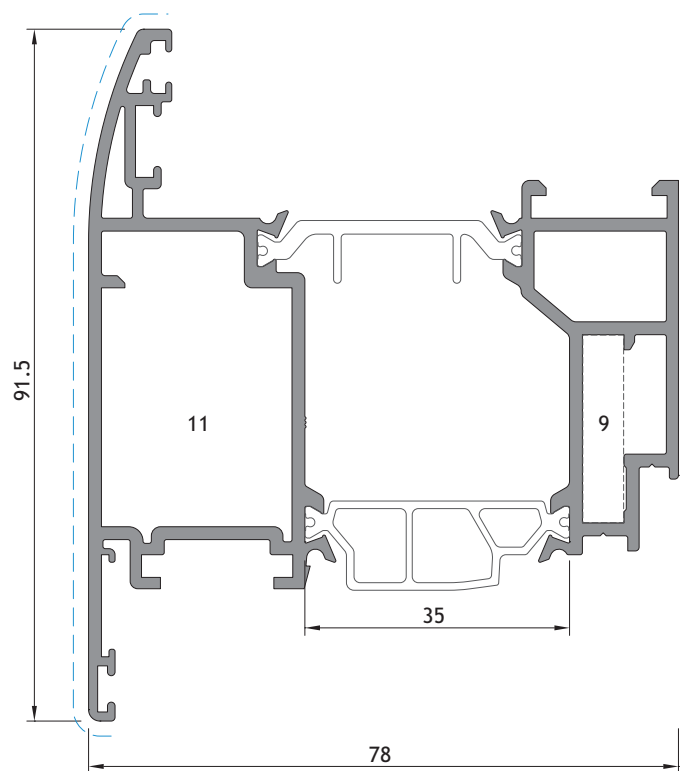
2º Clip profile ST-9005 (Polyamide). The profile ST-9005 cannot be powder coated/anodized

1º Anodisé/laqué profil IB-90

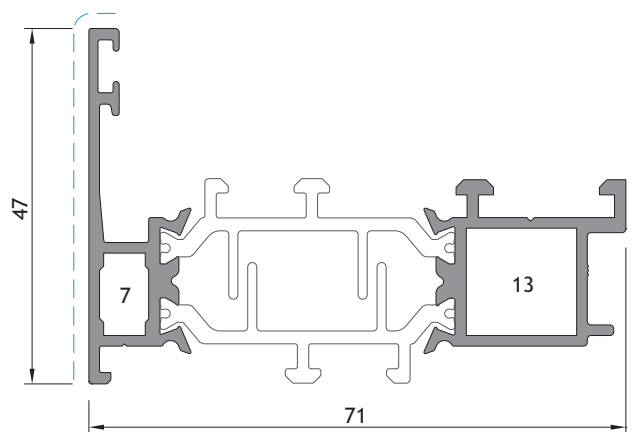
2º Enfoncer le profil ST-9005 (Polyamide). Le profil ST-9005 ne peuvent pas être laqué/anodisé



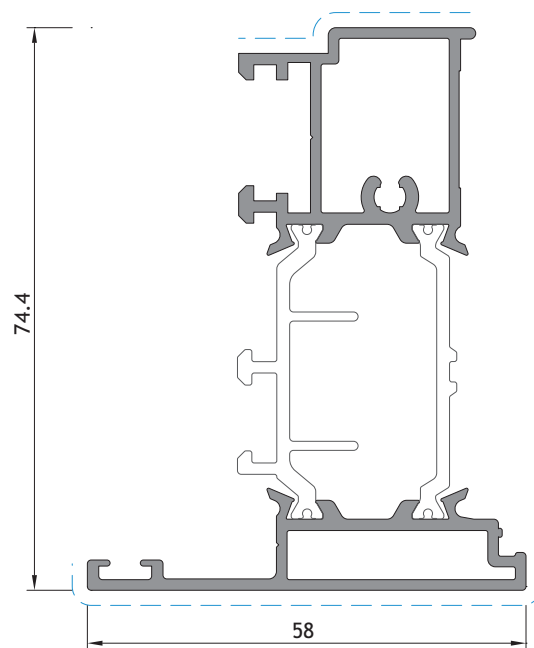
ST 12



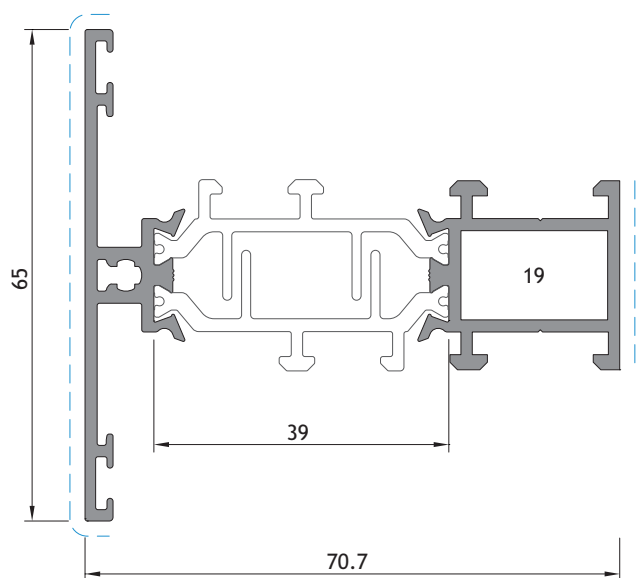
ST 09



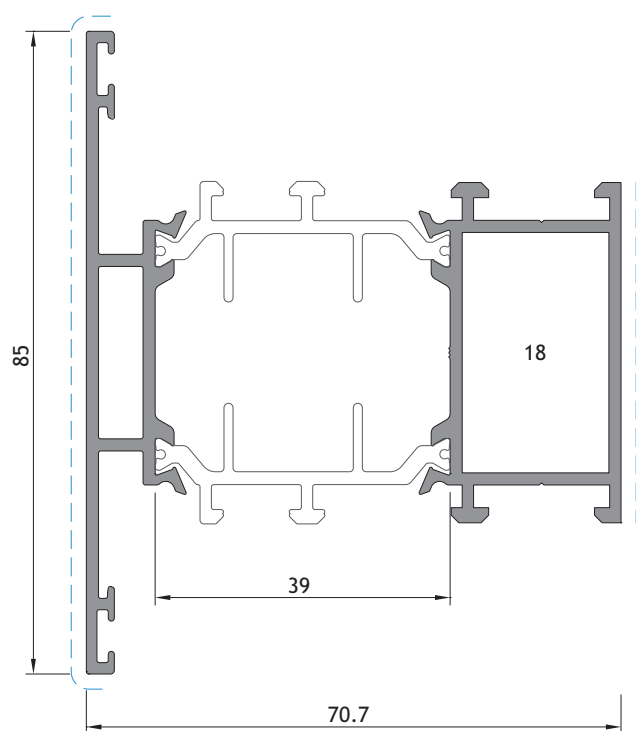
ST 83



ST 06



ST 20



ST 36



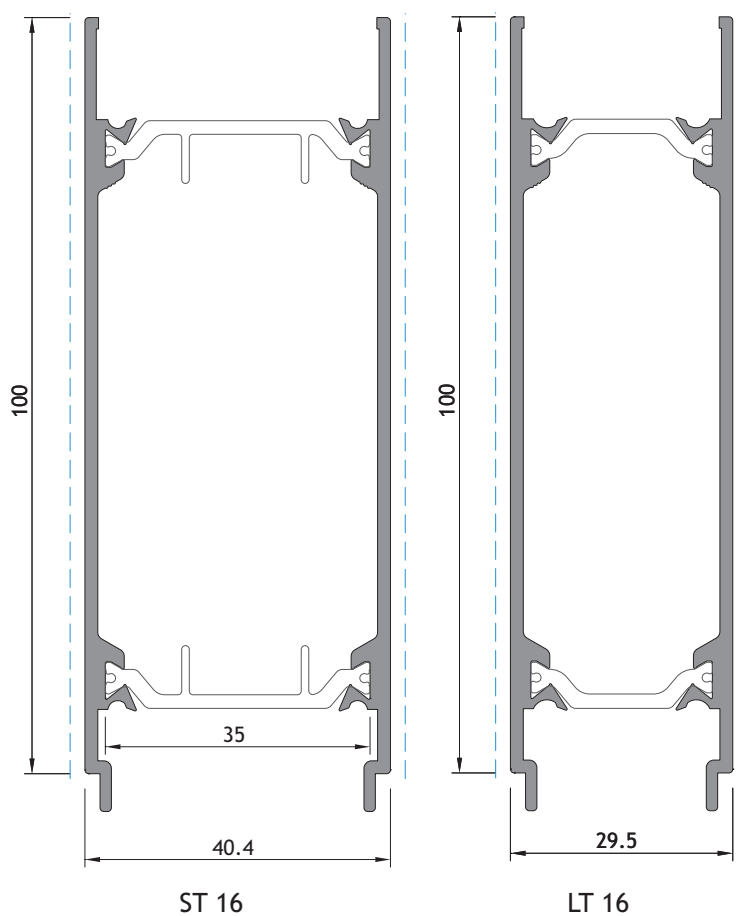
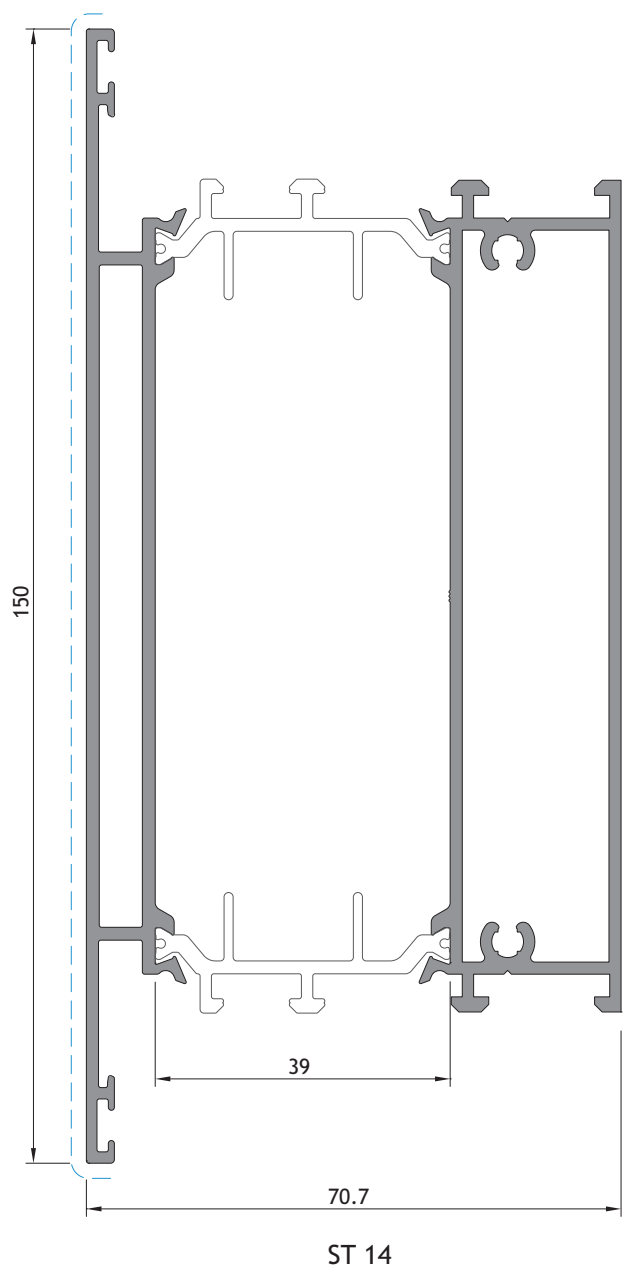
1 - ESQUADRO IT/ST Nº 1  
6 - ESQUADRO IT/ST Nº 6  
10 - ESQUADRO 18-1130-C  
14 - ESQUADRO 1108  
18 - UNIÃO T. SA 2001G

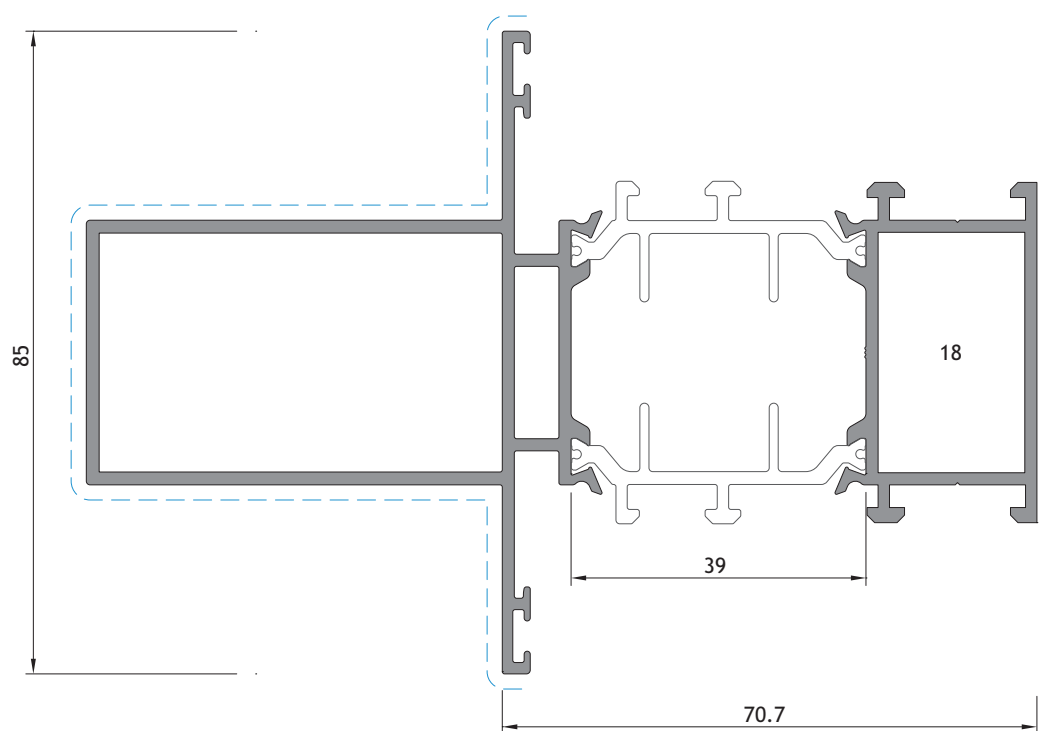
2 - ESQUADRO IT/ST Nº 2  
7 - ESQ. 18-0512-C (ou CANTO CR 0018)  
11 - ESQUADRO AT ESPECIAL GRANDE  
15 - ESQUADRO 26-2537-140  
19 - UNIÃO T. SA 2001XP

3 - ESQUADRO IT/ST Nº 3  
8 - ESQUADRO 18-1112-C  
12 - ESQ. AT E. PEQUENO  
16 - ESQ. 18-2523-C

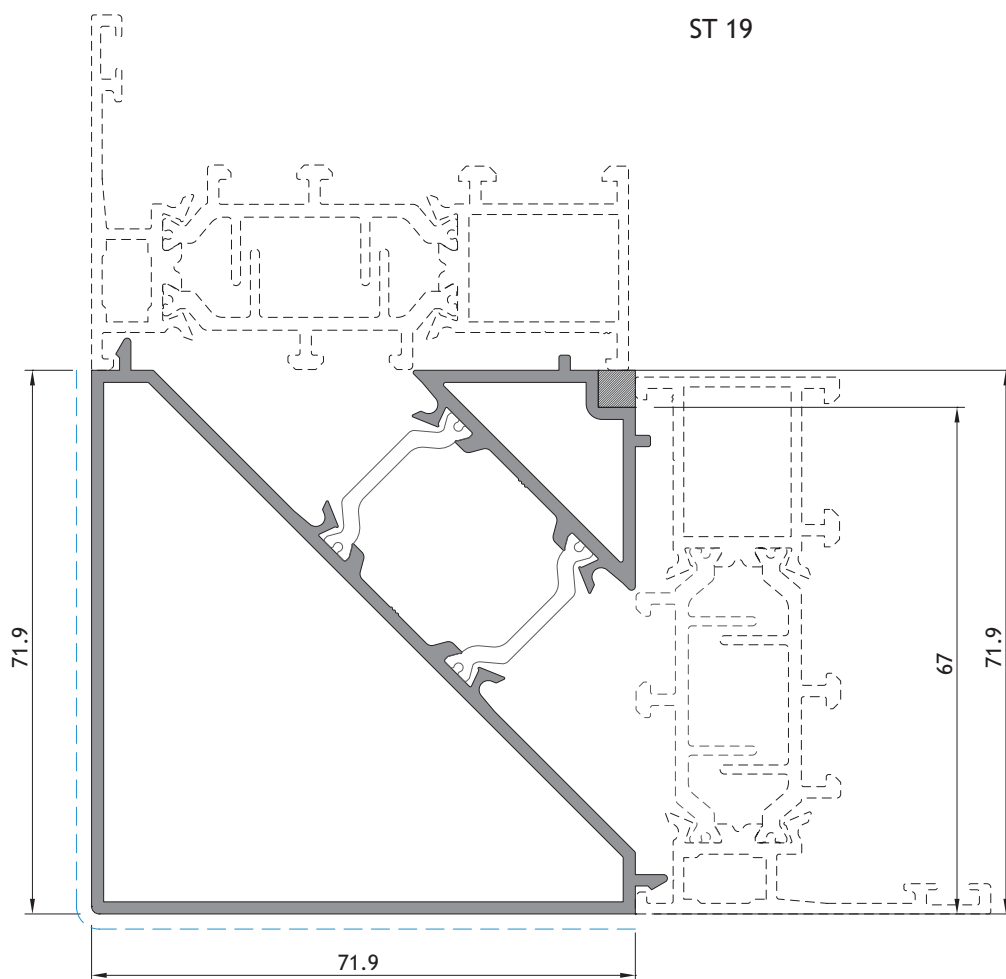
4 - ESQUADRO IT/ST Nº 4  
9 - ESQ. 18-0525-C (ou CANTO CR 0182)  
13 - ESQ. 18-1414-C  
17 - ESQ. SA 35 CORTADO PEQUENO

5 - ESQUADRO IT/ST Nº 5  
10 - ESQ. 18-1130-C  
14 - ESQ. 1108  
18 - UNIÃO T. SA 2001G





ST 19



LT 55

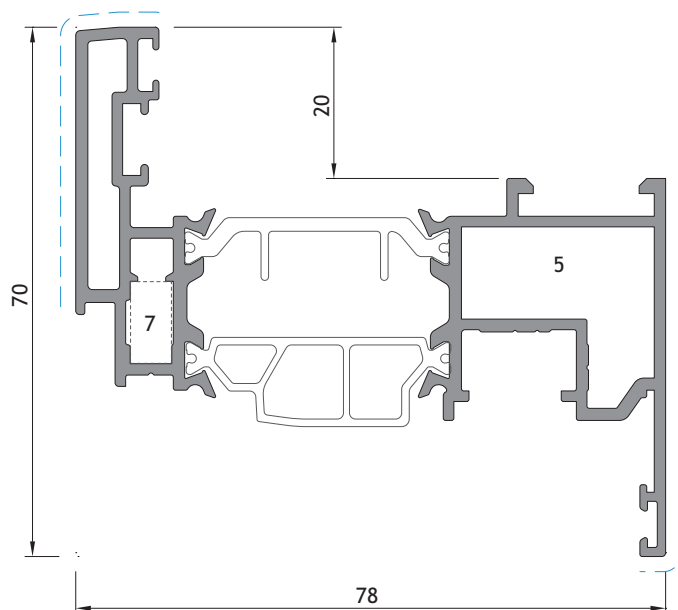


1 - ESQUADRO IT/ST Nº 1  
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14 - ESQUADRO 1108  
18 - UNIÃO T. SA 2001G

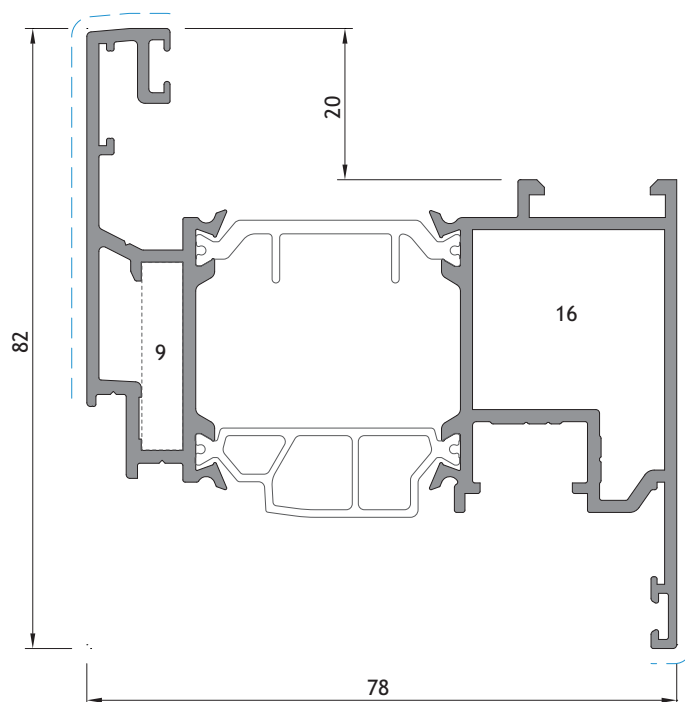
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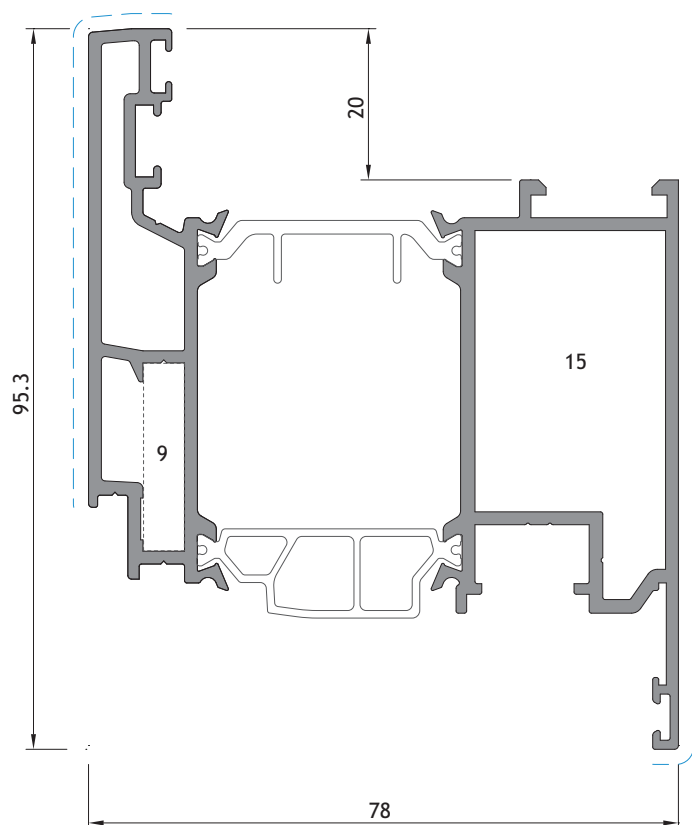
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13 - ESQ. 18-1414-C  
17 - ESQ. SA 35 CORTADO PEQUENO

**ST 04**

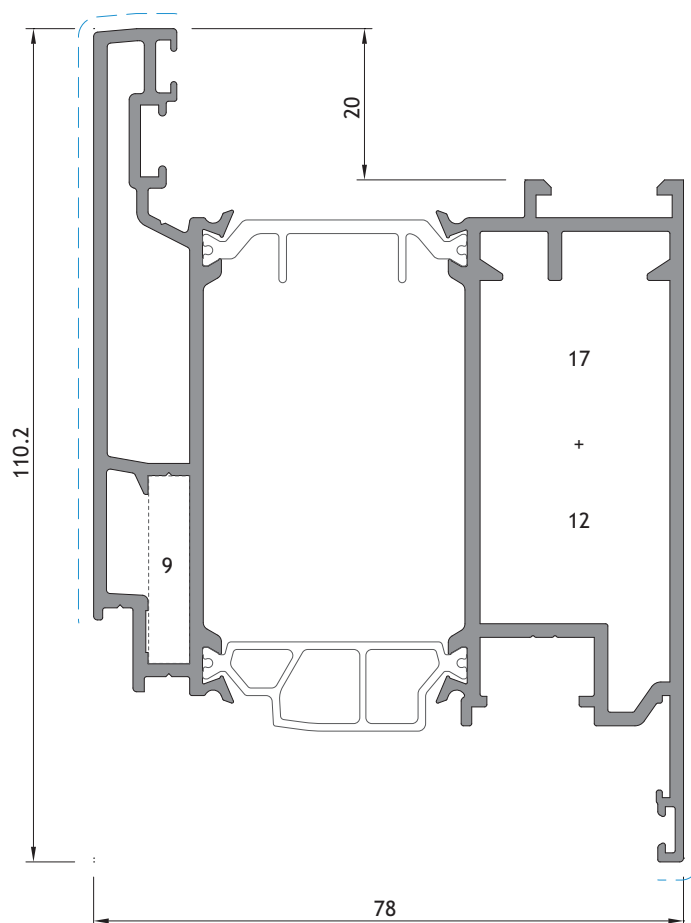
(Canal 16 | Channel 16 | Chenal 16)

**ST 05**

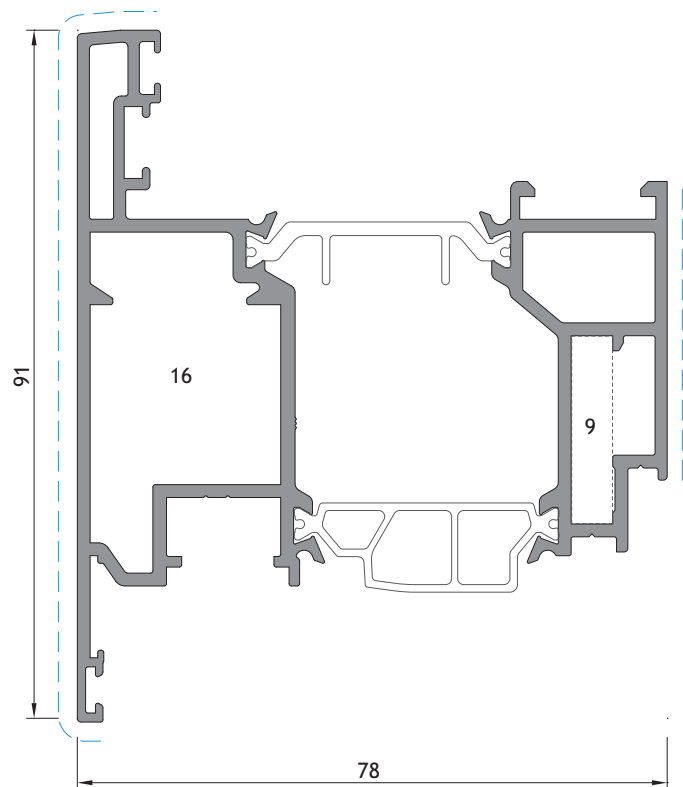
(Canal 16 | Channel 16 | Chenal 16)

**ST 48**

(Canal 16 | Channel 16 | Chenal 16)

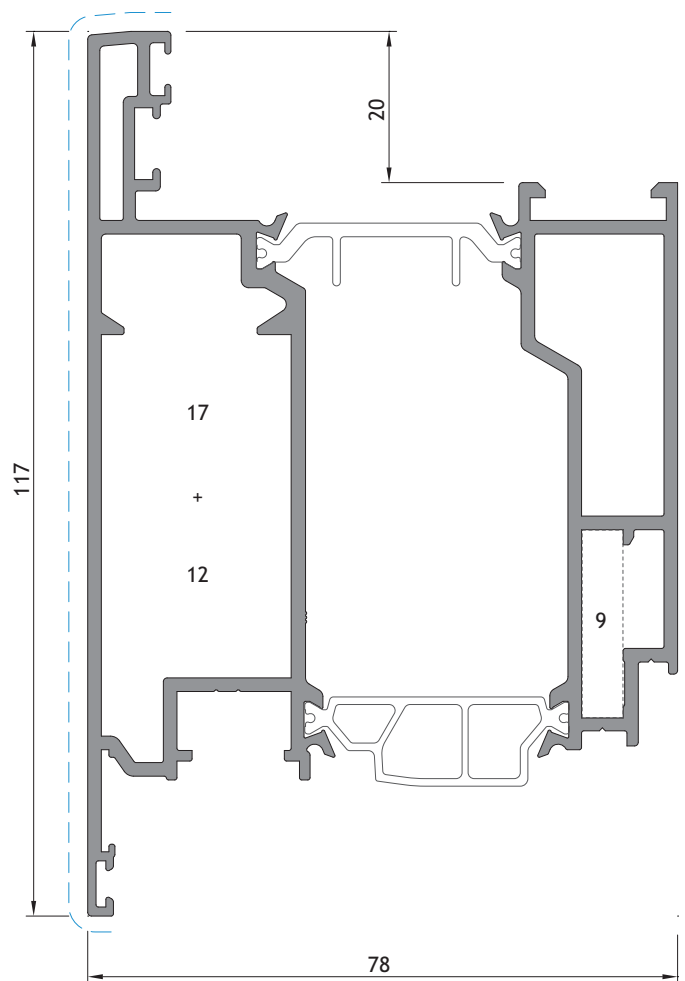
**ST 66**

(Canal 16 | Channel 16 | Chenal 16)



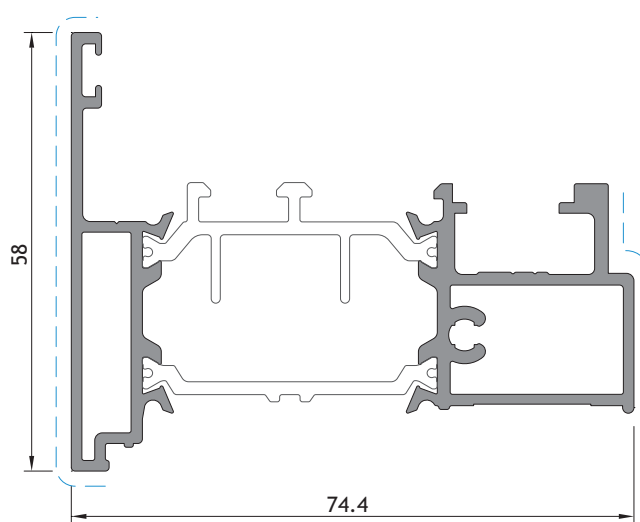
ST 13

(Canal 16 | Channel 16 | Chenal 16)



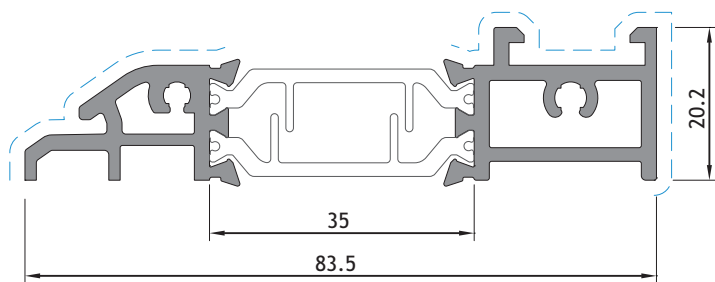
ST 23

(Canal 16 | Channel 16 | Chenal 16)

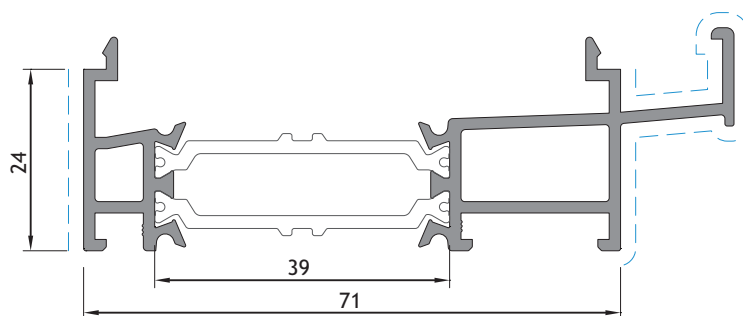


ST 77

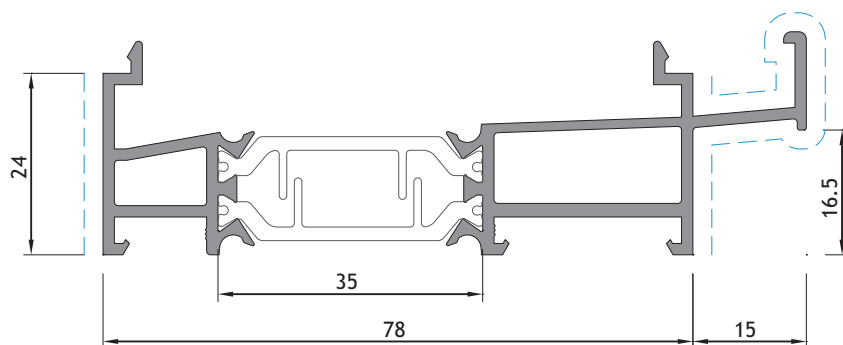
(Canal 16 | Channel 16 | Chenal 16)



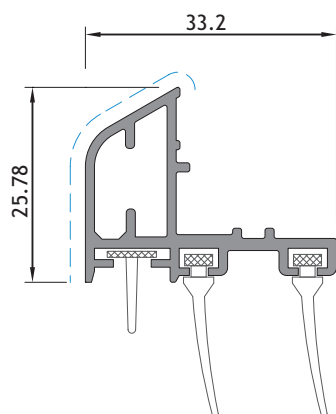
ST 49



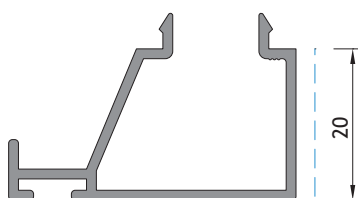
ST 27



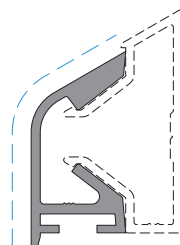
ST 76



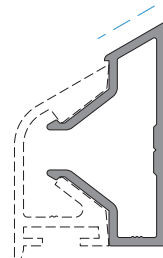
IT 32



AT 59



SA 32



SA 31

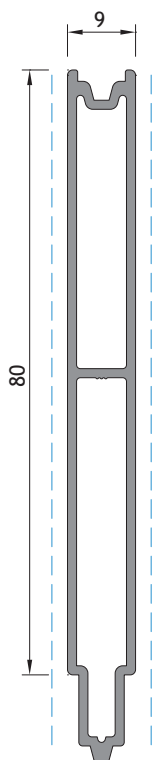
1 - ESQUADRO IT/ST Nº 1  
6 - ESQUADRO IT/ST Nº 6  
10 - ESQUADRO 18-1130-C  
14 - ESQUADRO 1108  
18 - UNIÃO T. SA 2001G

2 - ESQUADRO IT/ST Nº 2  
7 - ESQ. 18-0512-C (ou CANTO CR 0018)  
11 - ESQUADRO AT ESPECIAL GRANDE  
15 - ESQUADRO 26-2537-140  
19 - UNIÃO T. SA 2001XP

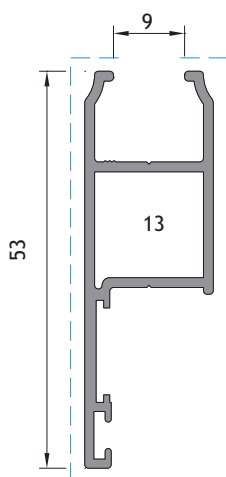
3 - ESQUADRO IT/ST Nº 3  
4 - ESQUADRO IT/ST Nº 4  
8 - ESQUADRO 18-1112-C  
12 - ESQ. AT E. PEQUENO  
16 - ESQ. 18-2523-C

5 - ESQUADRO IT/ST Nº 5  
9 - ESQ. 18-0525-C (ou CANTO CR 0182)  
13 - ESQ. 18-1414-C  
17 - ESQ. SA 35 CORTADO PEQUENO





SB 64



SB 63



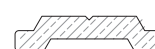
LT 33



AT 30

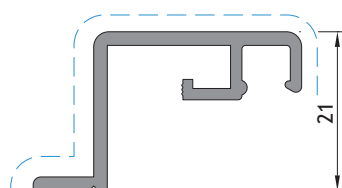


SA 33

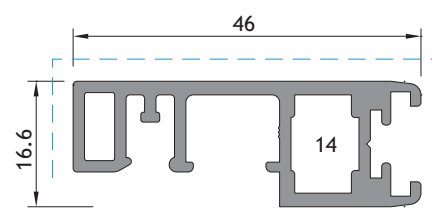


AT 33

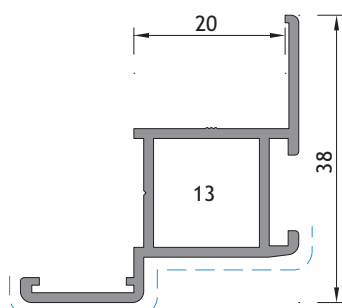
PERFIL EM POLIAMIDA - NÃO UTILIZAR EM FERRAGENS OSCILO-BATENTE E/OU OSCILO-PARALELA  
 PROFILE IN POLYAMIDE - DO NOT USE IN TILT-AND-TURN AND/OR TILT-AND-SLIDE HARDWARE  
 PROFIL EN POLYAMIDE - NE PAS UTILISER DANS LES ACCESSOIRES OSCILLO-BATTANT ET/OU OSCILLO-COULISSANT



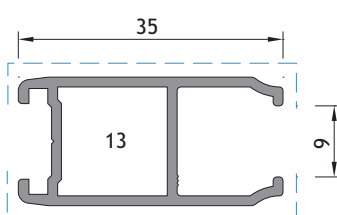
PB 32



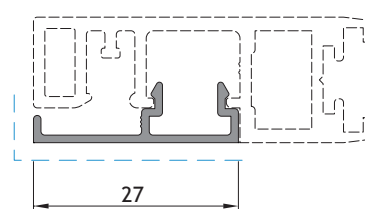
KY 86



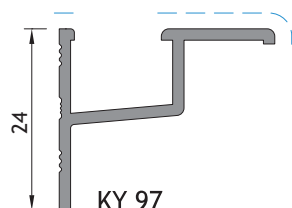
KY 69



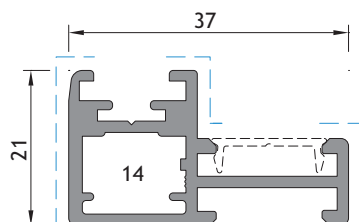
KY 70



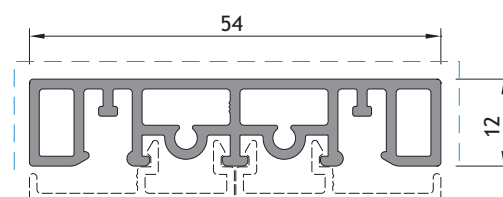
KY 87



KY 97



KY 84



KY 89

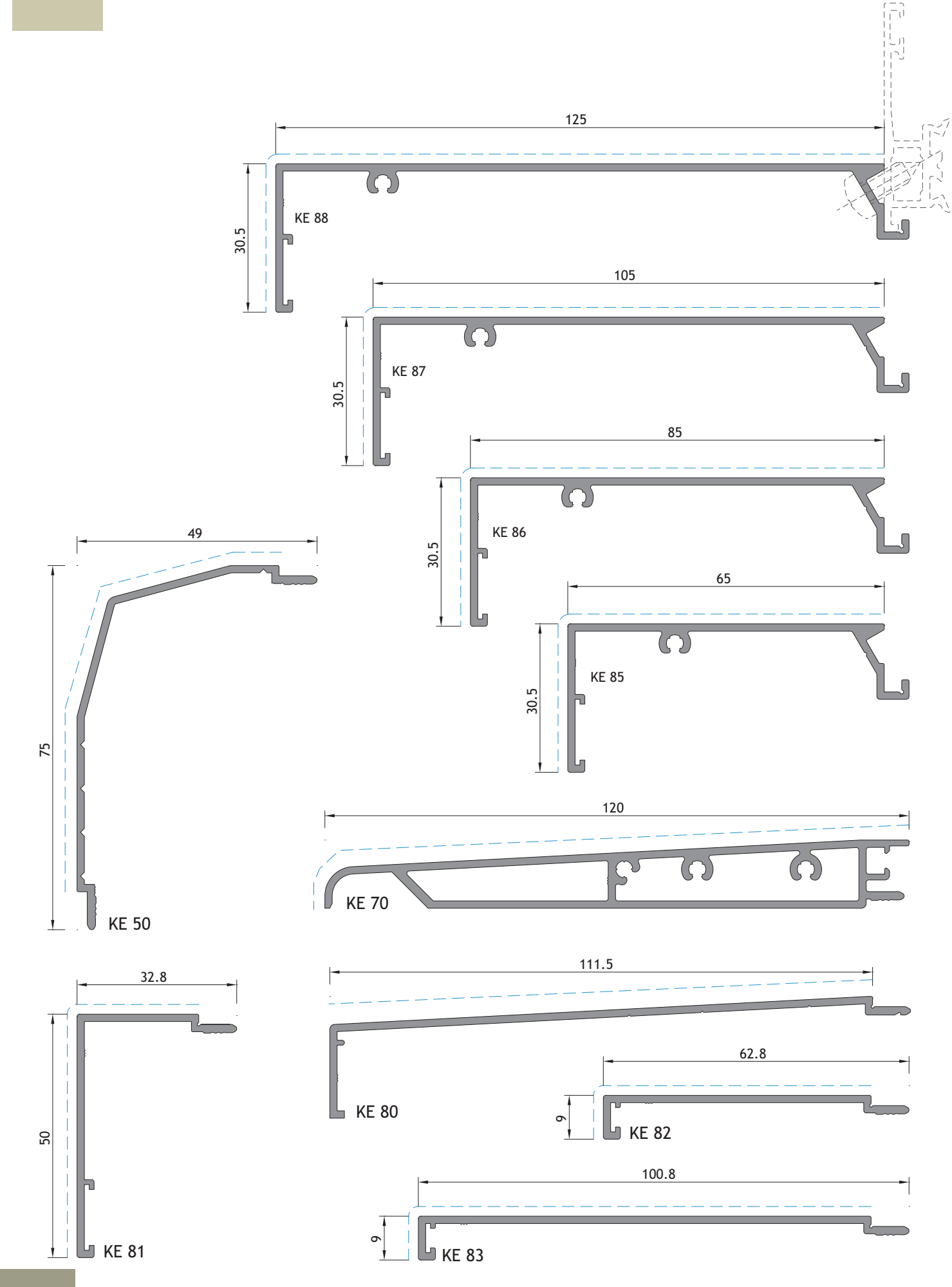


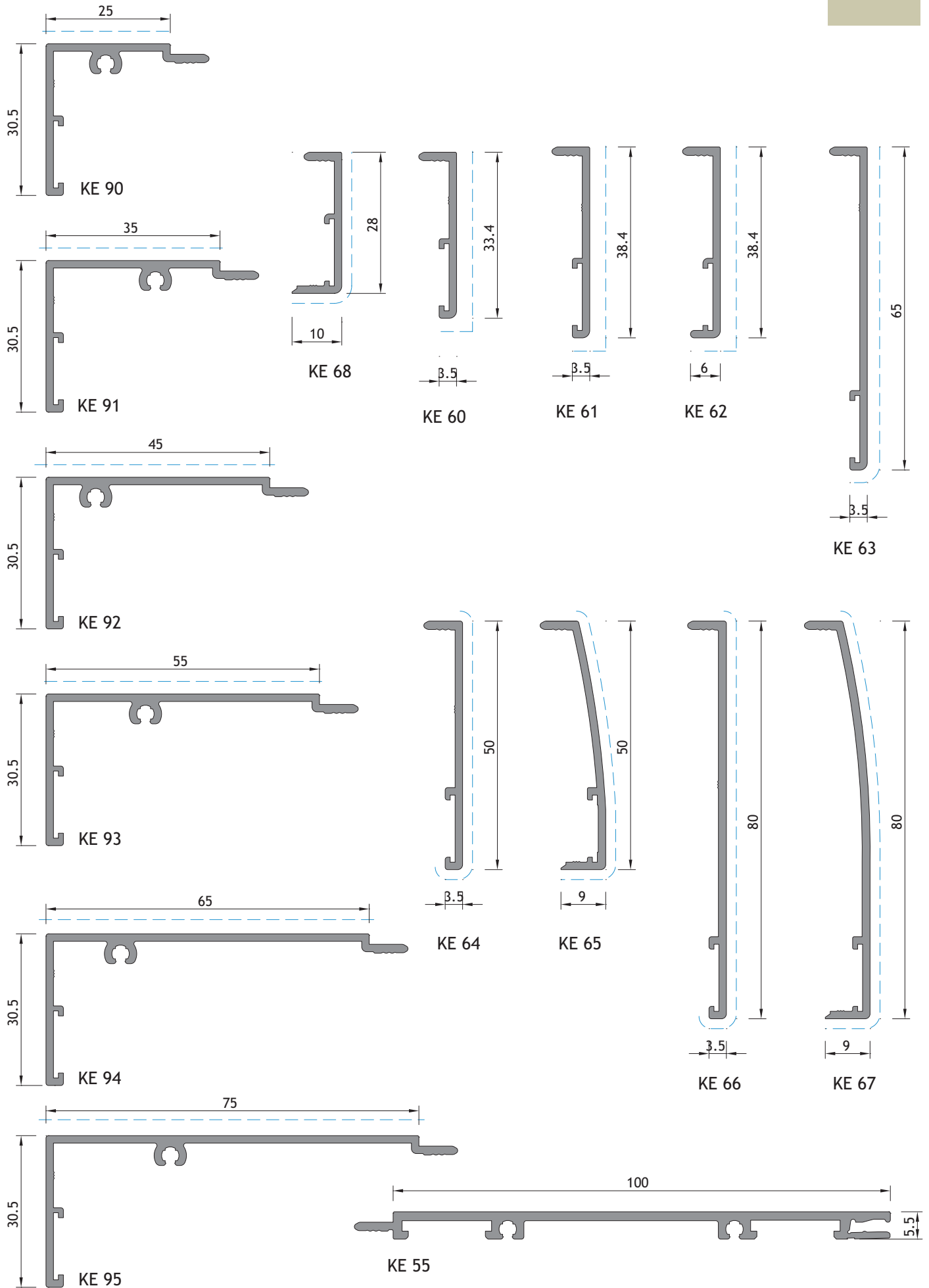
1 - ESQUADRO IT/ST Nº 1  
 6 - ESQUADRO IT/ST Nº 6  
 10 - ESQUADRO 18-1130-C  
 14 - ESQUADRO 1108  
 18 - UNIÃO T. SA 2001G

2 - ESQUADRO IT/ST Nº 2  
 7 - ESQ. 18-0512-C (ou CANTO CR 0018)  
 11 - ESQUADRO AT ESPECIAL GRANDE  
 15 - ESQUADRO 26-2537-140  
 19 - UNIÃO T. SA 2001XP

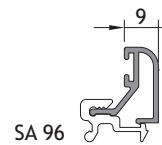
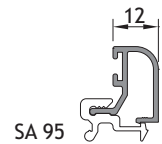
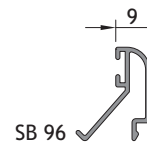
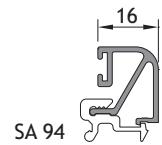
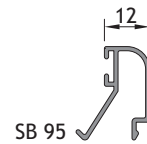
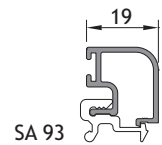
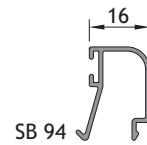
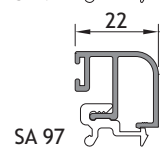
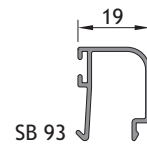
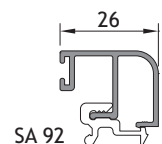
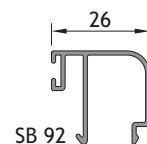
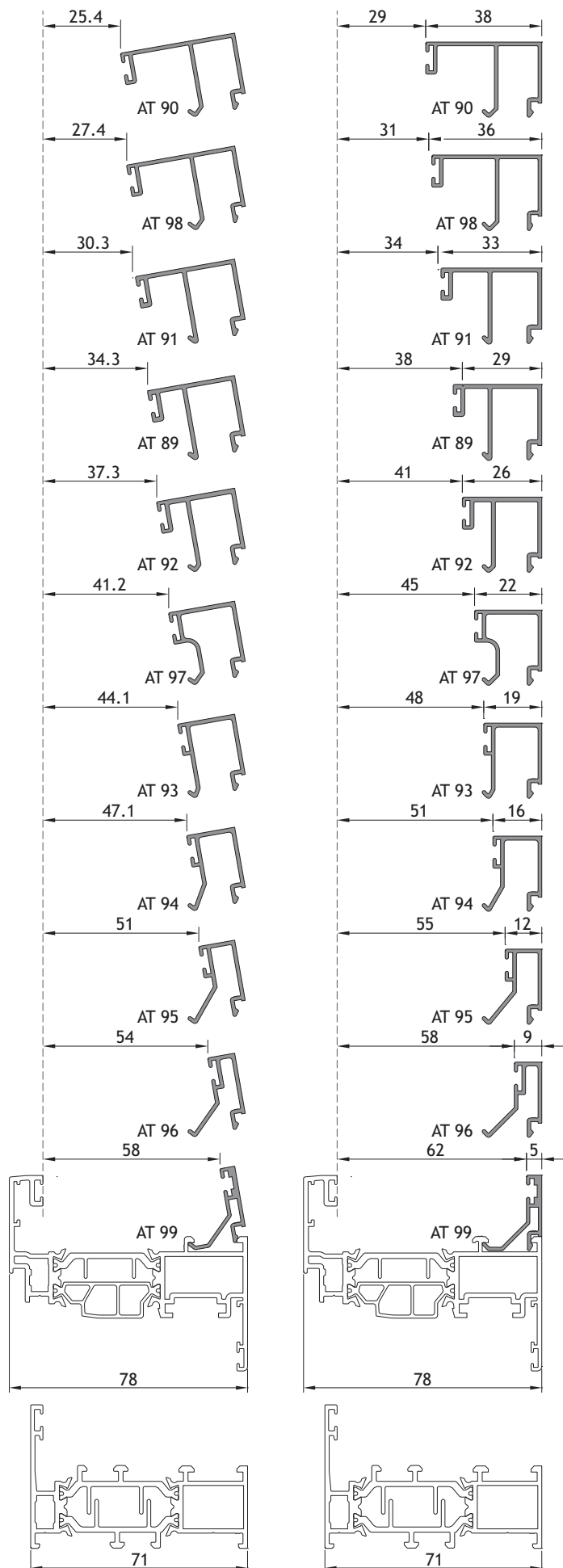
4 - ESQUADRO IT/ST Nº 4  
 8 - ESQUADRO 18-1112-C  
 12 - ESQ. AT E. PEQUENO  
 16 - ESQ. 18-2523-C

5 - ESQUADRO IT/ST Nº 5  
 9 - ESQ. 18-0525-C (ou CANTO CR 0182)  
 13 - ESQ. 18-1414-C  
 17 - ESQ. SA 35 CORTADO PEQUENO





## TABELA DE BITES | GLAZING BEADS | PARCLOSSES

**MOLA EURO 2000**

Ref: 228165

Para aplicar com os bites com referência SA Lacados

To apply with the glazing beads with reference SA Powder coated

Pour appliquer avec les parcloses avec référence SA laqué

**PRESILHA SA 71 EM ALUMÍNIO**

Ref: 207202

Para aplicar com os bites com referência SA

To apply with the glazing beads with reference SA

Pour appliquer avec les parcloses avec référence SA

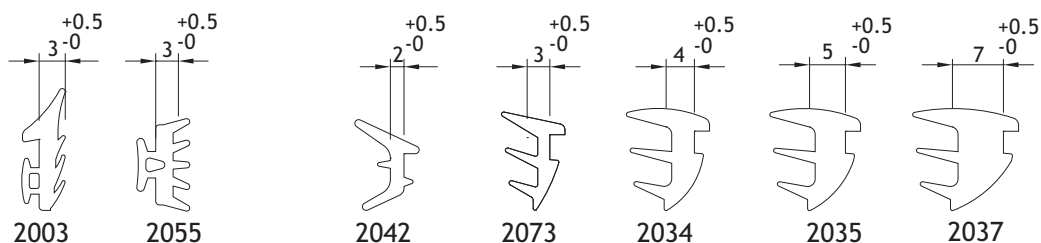


TABELA DE BITES PARA PERFIS DE 52mm

GLAZING BEADS SCHEDULE FOR 52mm PROFILES

TABLE DES PARCLOSES POUR PROFILS DE 52mm

VEDANTE EXTERIOR OUTER GASKET JOINT EXTÉRIEUR	ESPESSURA DO VIDRO THICKNESS OF GLASS ÉPAISSEUR DU VERRE	VEDANTE INTERIOR INNER GASKET JOINT INTÉRIEUR	BITE GLAZING BEAD PARCLOSE	
			RETO   STRAIGHT   DROITE	REDONDO   ROUND   ARRONDIE
2035	19	2035	AT 90	
2003	21	2035	AT 90	
2003	21	2073	AT 98	
2003	22	2034	AT 90	
2003	23	2073	AT 90	
2003	23	2035	AT 98	
2003	24	2034	AT 98	
2003	25	2073	AT 98	
2034	25	2035	AT 91	
2003	26	2035	AT 91	
2034	26	2034	AT 91	
2003	27	2034	AT 91	
2003	28	2073	AT 91	
2003	29	2042	AT 98	
2003	31	2037	AT 92	SA/SB 92
2035	31	2035	AT 92	SA/SB 92
2034	32	2035	AT 92	SA/SB 92
2003	33	2035	AT 92	SA/SB 92
2034	33	2034	AT 92	SA/SB 92
2003	34	2034	AT 92	SA/SB 92
2003	35	2037	AT 97	SA 97
2035	35	2035	AT 97	SA 97
2003	37	2035	AT 97	SA 97
2034	37	2034	AT 97	SA 97
2003	39	2034	AT 97	SA 97
2003	40	2035	AT 93	SA/SB 93
2034	40	2034	AT 93	SA/SB 93
2003	41	2034	AT 93	SA/SB 93
2034	42	2073	AT 93	SA/SB 93
2003	43	2035	AT 94	SA/SB 94
2003	44	2034	AT 94	SA/SB 94
2003	45	2073	AT 94	SA/SB 94
2003	47	2035	AT 95	SA/SB 95
2003	48	2034	AT 95	SA/SB 95
2003	49	2073	AT 95	SA/SB 95
2003	50	2042	AT 95	SA/SB 95
2003	51	2034	AT 96	SA/SB 96
2003	52	2073	AT 96	SA/SB 96
2034	53	2035	AT 96	SA/SB 96
2003	54	2035	AT 99	
2003	55	2034	AT 99	
2003	56	2073	AT 99	
2003	57	2042	AT 99	
2042	58	2042	AT 99	





## **Acessórios**

Accessories

Accessoires







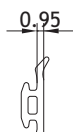
2001

Material: EPDM  
(Caixa: 8 rolos x 50m)

2051

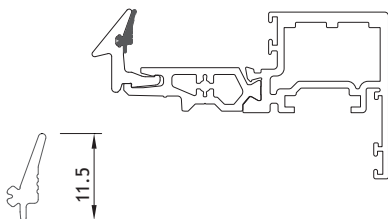
Material com 2 durezas  
(Zona de batente: E.P.D.M. esponjoso)  
(Base: E.P.D.M. de 70° SHORE)  
(Rolo: 300m (150m+150m))

2071

Material: EPDM, 2 durezas  
(Caixa: 300m)208274  
208008  
208143JUNTA DE ESTANQUIDADE 2001  
JUNTA DE ESTANQUIDADE 2051  
JUNTA DE ESTANQUIDADE 2071Material: EPDM  
(Rolo: 200m)  
Aplicação facultativa

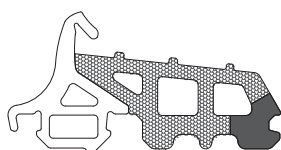
208184

JUNTA DE ESTANQUIDADE 2412

Material: EPDM  
(Caixa: 50m)

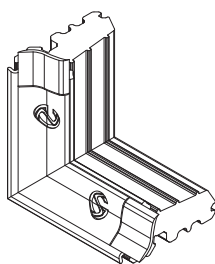
208209

JUNTA VD 2905

Material: EPDM, 2 durezas  
(Rolo: 30m)

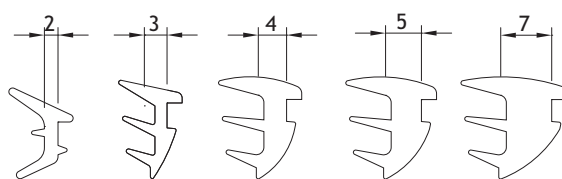
208183

JUNTA DE VEDAÇÃO CENTRAL 2267



213015

CANTO VULCANIZADO 2267.1N



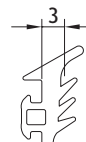
2042

2073

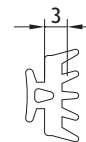
2034

2035

2037

Material: EPDM  
Rolo: 200m208191 JUNTA DE CUNHA 2042  
208195 JUNTA DE CUNHA 2034208196 JUNTA DE CUNHA 2035  
208904 JUNTA DE CUNHA 2037  
208199 JUNTA DE CUNHA 2073

2003

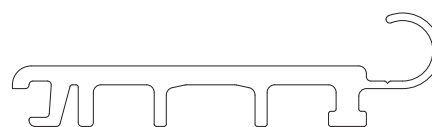
Material: EPDM  
Rolo: 100m

2055

Material: EPDM  
Rolo: 200m208350  
208289JUNTA DE VEDAÇÃO EXTERIOR 2003  
JUNTA DE BATENTE 2055Material: EPDM ESPONJOSO  
(APLICAÇÃO OPCIONAL)

208182

JUNTA 2090



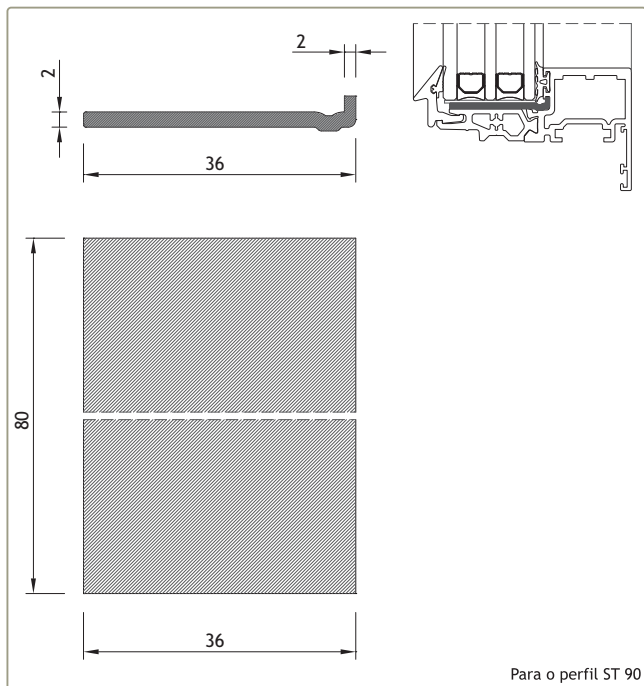
218126

CALÇO PARA VIDRO S/ST Nylon

Material: EPDM  
(Caixa: 50m)

208185

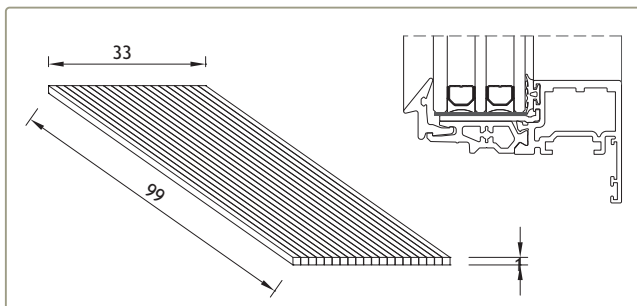
JUNTA DE REMATE PAREDE 2089



230281

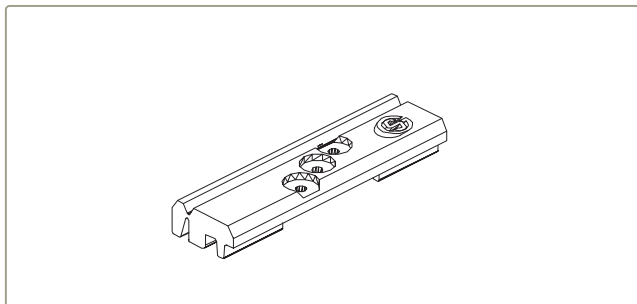
SUPORE VIDRO ST - INOX

Para o perfil ST 90



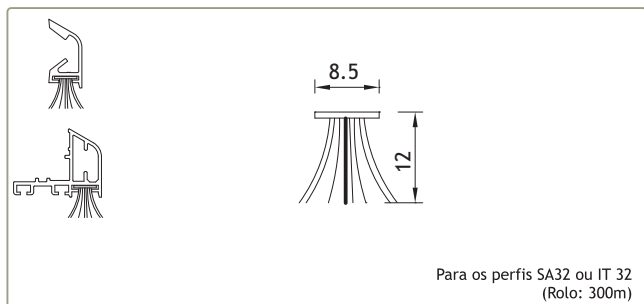
218132

CALÇO VIDRO 99x33x1mm



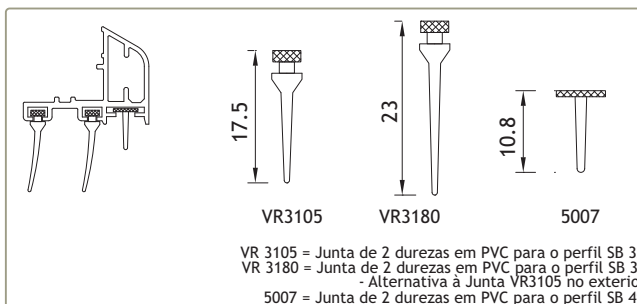
218194

CALÇO P/VIDRO EURO 2000 Nylon



208464

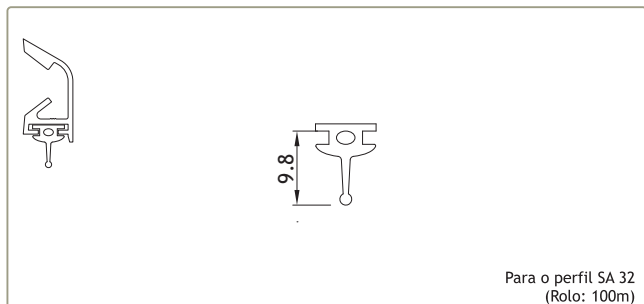
JUNTA PELÚCIA 8.5x12 S-FIN

Para os perfis SA32 ou IT 32  
(Rolo: 300m)

208292

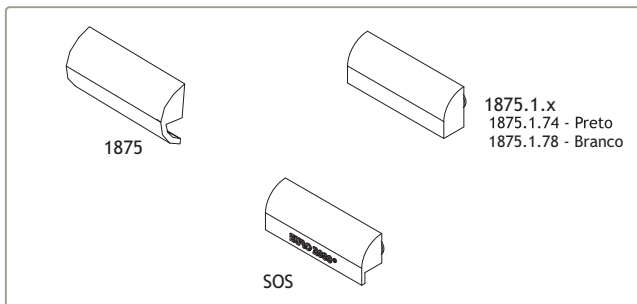
208294

208165

JUNTA INFERIOR PORTA VR3105  
JUNTA INFERIOR PORTA VR3180  
JUNTA INFERIOR PORTA 5007 PRETOVR 3105 = Junta de 2 durezas em PVC para o perfil SB 32  
VR 3180 = Junta de 2 durezas em PVC para o perfil SB 32  
- Alternativa à Junta VR3105 no exterior  
5007 = Junta de 2 durezas em PVC para o perfil SB 49

208246

JUNTA ENCAIXE 1140 PRT

Para o perfil SA 32  
(Rolo: 100m)

210154

210280

GOTEIRA 1875 Br/Pr

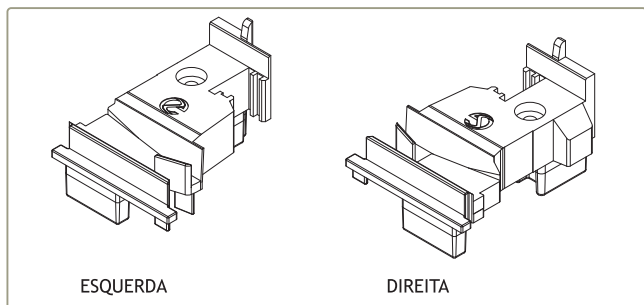
GOTEIRA SOS C/ VÁLV. Br/Pr.

210142

210144

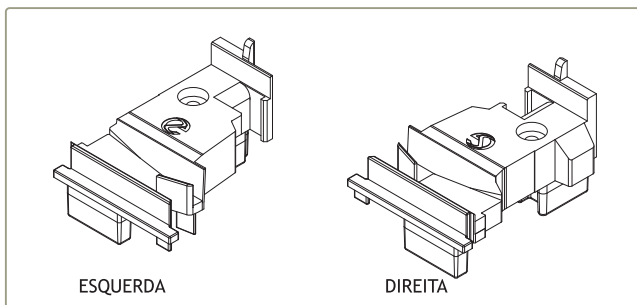
GOT. C/VÁLV. 1875.1.74

GOT. C/VÁLV. 1875.1.78



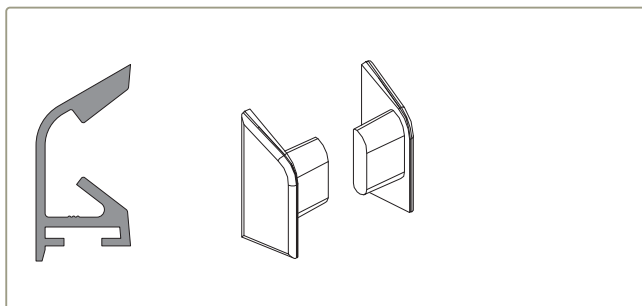
212069

CONJUNTO TOPO INVERSOR ST Preto



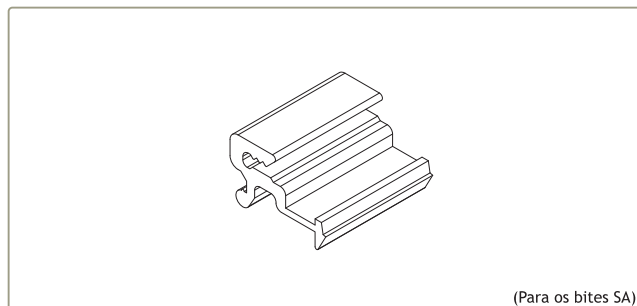
212142

CONJUNTO TOPO INVERSOR ST CANAL 16 Preto



212346

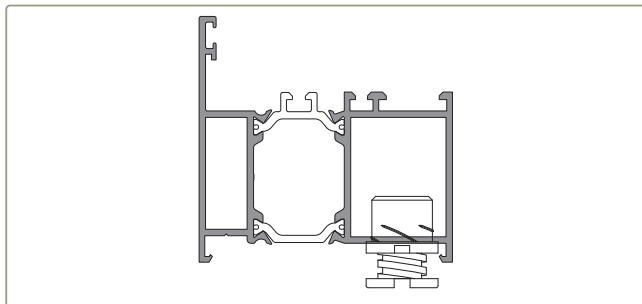
CONJ. TAPA-TOPOS SA 32 Br/Pr



(Para os bites SA)

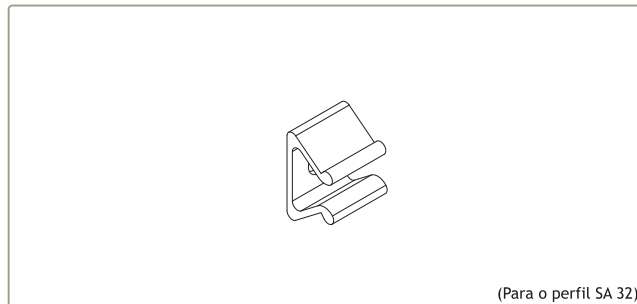
228165

MOLA EURO 2000



224205

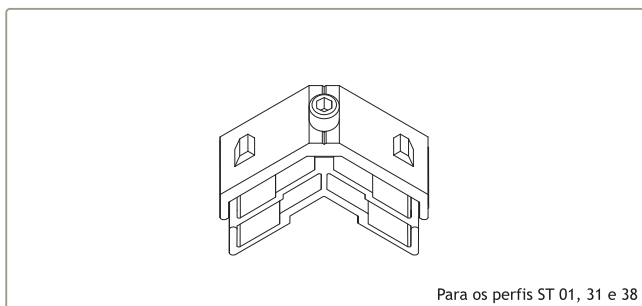
NIVELADOR PEQUENO 600.01/8



(Para o perfil SA 32)

228181

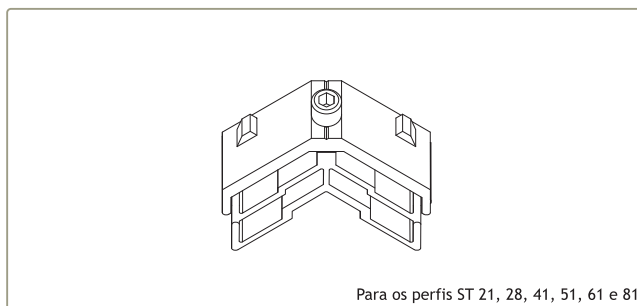
MOLA PARA PINGADEIRA



Para os perfis ST 01, 31 e 38

204137

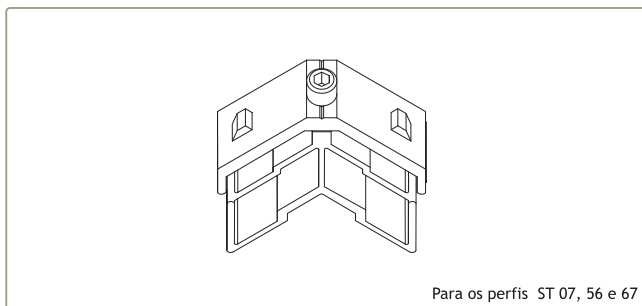
ESQUADRO IT/ST Nº1 16-1914-C



Para os perfis ST 21, 28, 41, 51, 61 e 81

204138

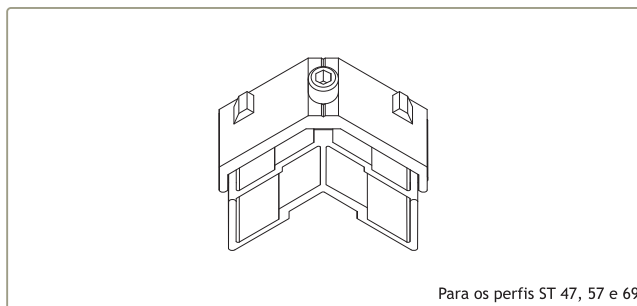
ESQUADRO IT/ST Nº2 16-1914-D



Para os perfis ST 07, 56 e 67

204139

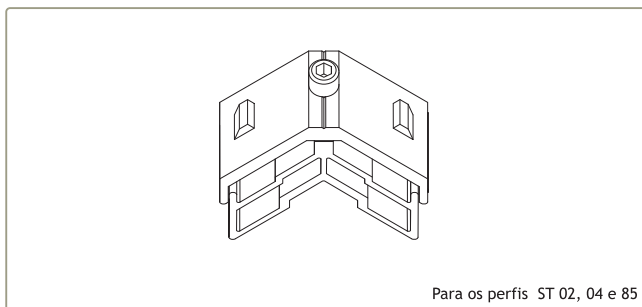
ESQUADRO IT/ST Nº3 16-1931-C



Para os perfis ST 47, 57 e 69

204141

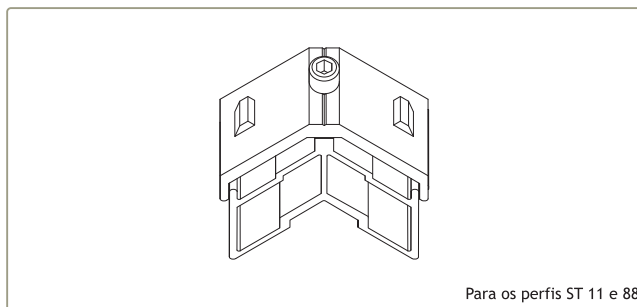
ESQUADRO IT/ST Nº4 16-1931-D



Para os perfis ST 02, 04 e 85

204142

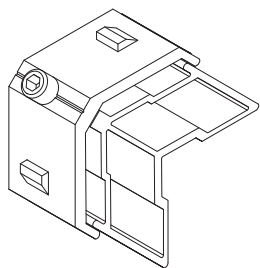
ESQUADRO IT/ST Nº5 18-2512-140



Para os perfis ST 11 e 88

204143

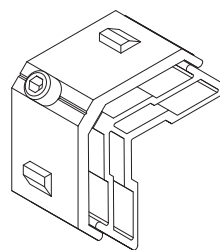
ESQUADRO IT/ST Nº6 18-2530-140



Para os perfis ST 09 e ST 12

204730

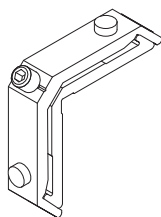
ESQUADRO AT E. GRANDE



Para os perfis ST 23, 66 e 90

204728

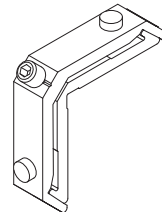
ESQUADRO AT E. PEQUENO



Para os perfis ST 21, 28 e 38

204901

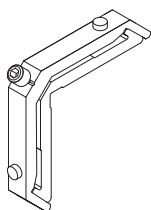
ESQUADRO 18-1112-C



(Para os perfis ST 83, SB 63, KY 69 e KY 70)

204029

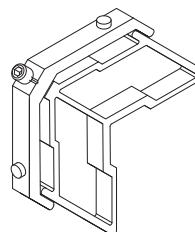
ESQUADRO 18-1414 C



Para os perfis ST 01, 02, 04, 31, 41, 51, 61, 81, 83 e 85

204150

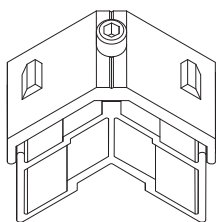
ESQUADRO 18-0512-C



Para os perfis ST 05, 07, 09, 11, 12, 13, 23, 47, 48, 57, 66, 67, e 88

204151

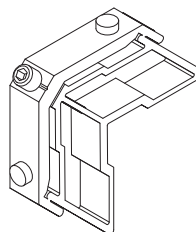
ESQUADRO 18-0525 C



Para os perfis ST 05 e 13

204152

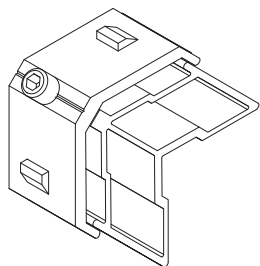
ESQUADRO 18-2523-C



Para os perfis ST 56 e 69

204009

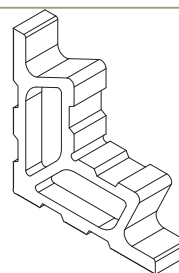
ESQUADRO 18-1130-C



Para o perfil ST 48

204010

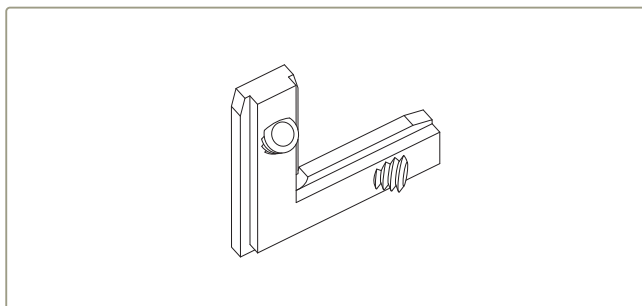
ESQUADRO 26-2537-140



Para os perfis ST 23 e 66

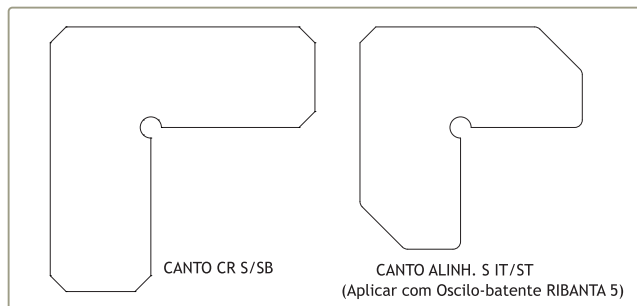
204256

ESQUADRO SA 35 CORTADO PEQUENO



204131

ESQUADRO DE ALINHAMENTO C/ APERTO



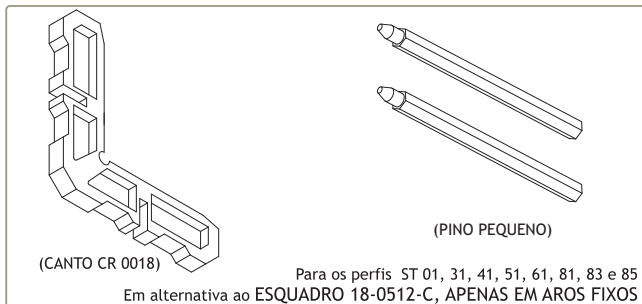
213246

CANTO CR S/SB

213261

CANTO ALINH. S IT/ST

(Aplicar com Oscilo-batente RIBANTA 5)



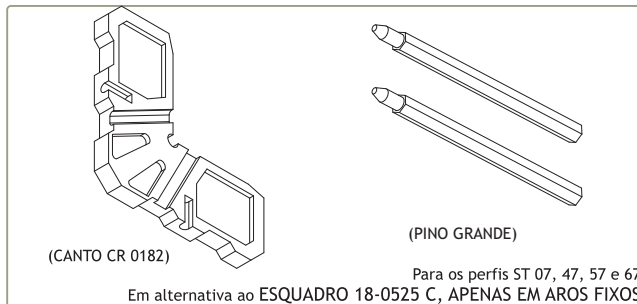
(CANTO CR 0018)

(PINO PEQUENO)

Para os perfis ST 01, 31, 41, 51, 61, 81, 83 e 85  
Em alternativa ao ESQUADRO 18-0512-C, APENAS EM AROS FIXOS

213308

CANTO CR 0018 + PINOS PEQ.



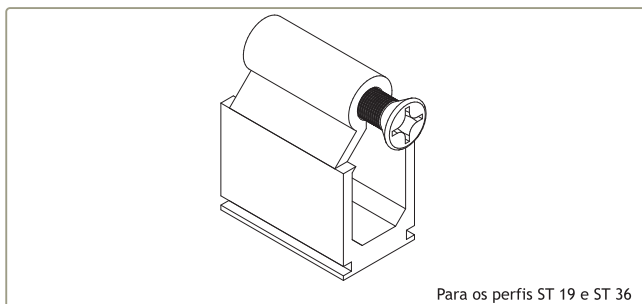
(CANTO CR 0182)

(PINO GRANDE)

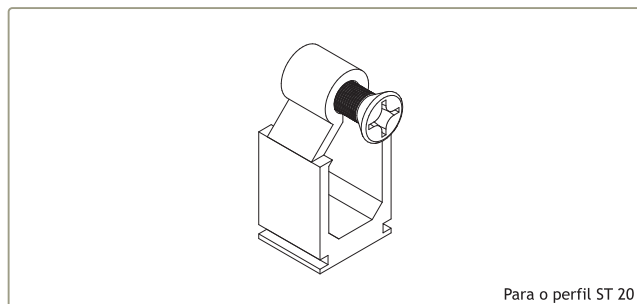
Para os perfis ST 07, 47, 57 e 67  
Em alternativa ao ESQUADRO 18-0525 C, APENAS EM AROS FIXOS

213309

CANTO CR 0182 + PINOS GR.

232116  
290037UNIÃO TRAVESSAS SA2001 G  
PARAFUSO SUPLEMENTAR P/UNIÃO SA2001 G INOX

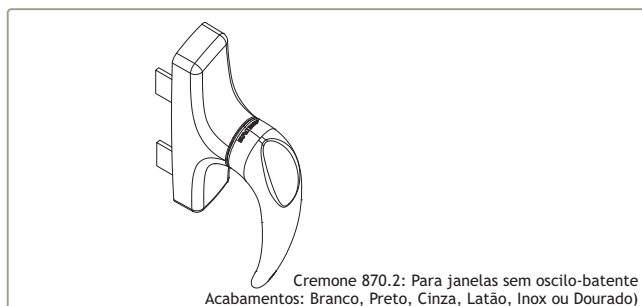
Para os perfis ST 19 e ST 36



232119

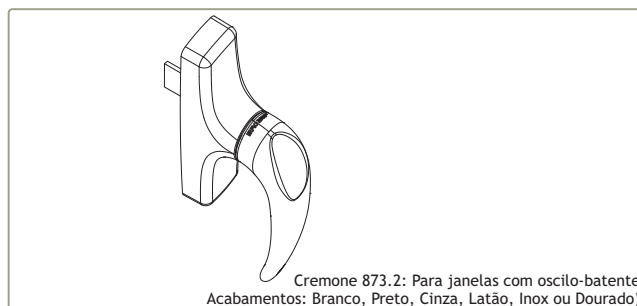
UNIÃO TRAVESSAS SA2001 XP

Para o perfil ST 20



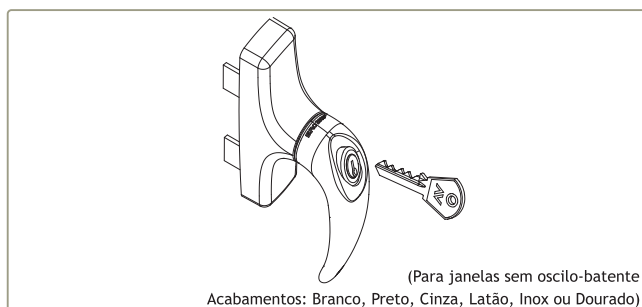
200302

CREMONE MANON 870.2

Cremone 870.2: Para janelas sem oscilo-batente  
Acabamentos: Branco, Preto, Cinza, Latão, Inox ou Dourado)

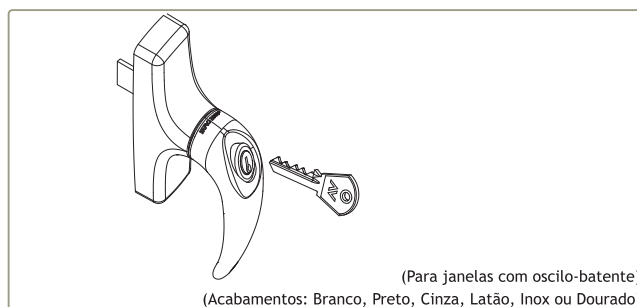
200315

CREMONE MANON 873.2

Cremone 873.2: Para janelas com oscilo-batente  
Acabamentos: Branco, Preto, Cinza, Latão, Inox ou Dourado)

200215

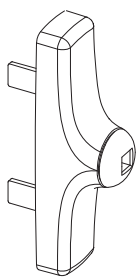
CREMONE MANON 870.754

(Para janelas sem oscilo-batente  
Acabamentos: Branco, Preto, Cinza, Latão, Inox ou Dourado)

200969

CREMONE MANON 873.754

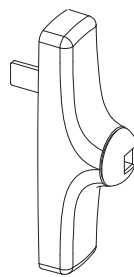
(Para janelas com oscilo-batente  
Acabamentos: Branco, Preto, Cinza, Latão, Inox ou Dourado)



(Utilizar com a moleta 1243.599)

200405

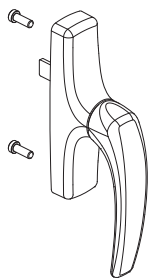
CREMONE SEM MOLETA 870.752 Preto



(Utilizar com a moleta 1243.599)

200406

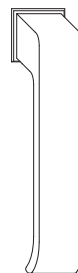
CREMONE P/OSCILO-BATENTE S/MOLETA 873.756 Preto



(Para janelas com oscilo-batente)

200466

CREMONE ARIANA 868.2



(Utilizar com o cremone 870.752 )

211310

MOLETA CREM. 1243.599 Preto



215114

PEÇA CREMONE VARETA 1481



206475

TERMINAL VARETA C/ REGULAÇÃO 1487



206490

TERMINAL VARETA 1486



206500

TERMINAL VARETA 2000



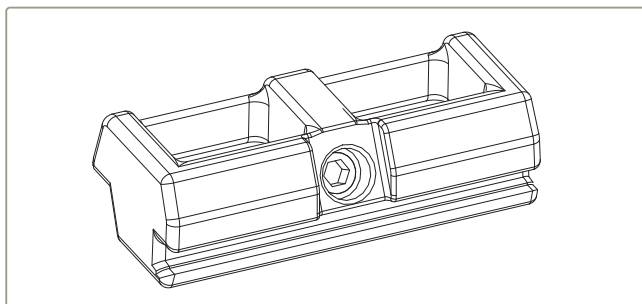
202090

CONTRA-FECHO DUPLO 1416.6



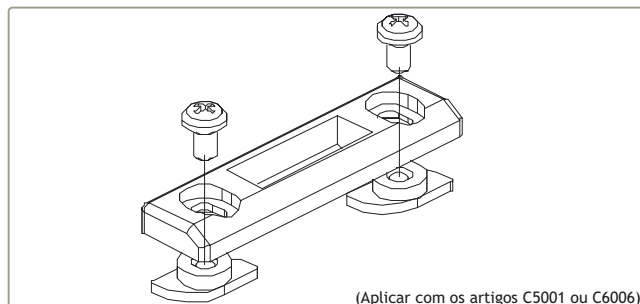
202077

CONTRA-FECHO 1404

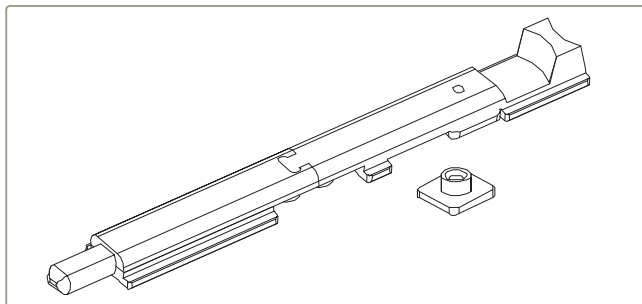


202091

CONTRA-FECHO DUPLO REGULÁVEL 1414

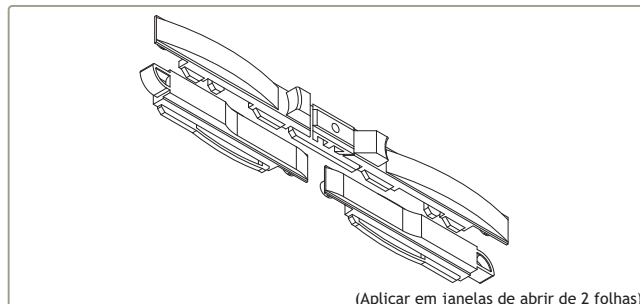


202310

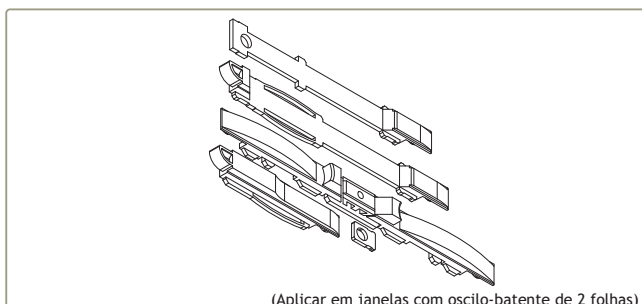
CONTRA-FECHO DUPLO REGULÁVEL 2020  
(Aplicar com os artigos C5001 ou C6006)

201490

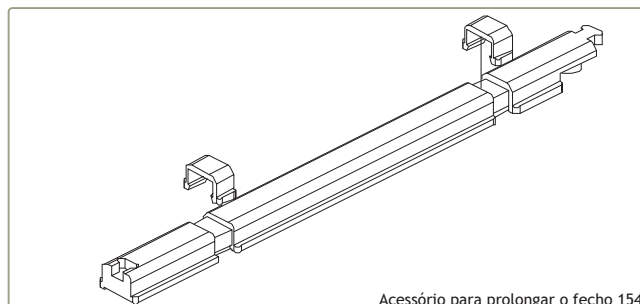
FECHO PARA 2ª FOLHA 1541



201507

FECHO SEMI-AUTO PARA 2ª FOLHA C5001  
(Aplicar em janelas de abrir de 2 folhas)

201030

FECHO SEMI-AUTO PARA 2ª F C/O-B C6006  
(Aplicar em janelas com oscilo-batente de 2 folhas)

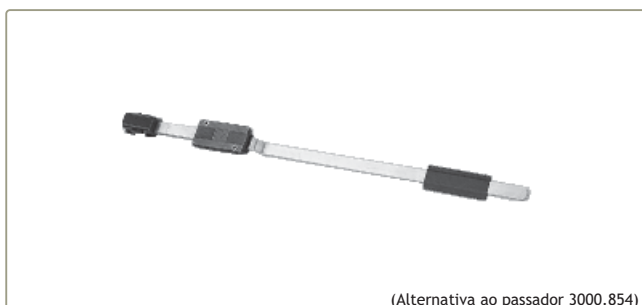
401001

ALONGAMENTO 1541.800  
Acessório para prolongar o fecho 1541

225130

PASSADOR 3000.854  
(Aplicar em janelas de 2 ou 3 folhas com oscilo-batente)

214280

VARETA 1541.820  
(Aplicar com o fecho 1541 em vãos de 3 ou 4 folhas ou com oscilo-batente)

225205

FECHO PARA 2ª FOLHA 1545.2  
(Alternativa ao passador 3000.854)

225155

PASSADOR REVERSÍVEL 1550  
(Para portas de 2, 3 ou 4 folhas)



Acessório para prolongar o passador 1550)

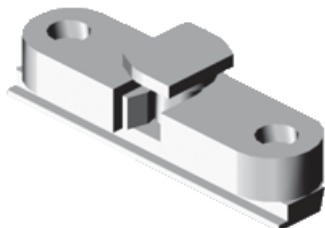
221154

HASTE FECHO 1550.801



211103

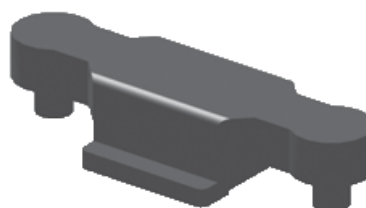
PONTO FECHO PAVIMENTO 1409/8



(Acessório para prolongar o fecho 1541)

218206

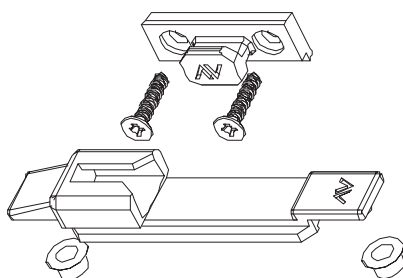
CLIQUE DE RETENÇÃO 1468



(Para 3º ponto de fecho)

201463

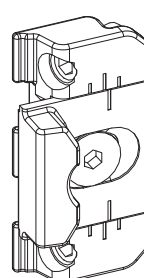
FECHO LATERAL 1243.710



(Pontos de fecho suplementares)

201363

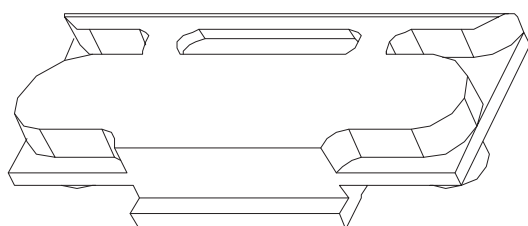
FECHOS ANTI-ARROMBAMENTO 1246.835



(Aplicar com o fecho 1243.710)

202075

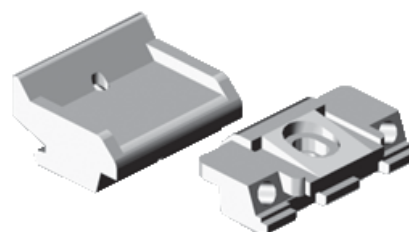
CONTRA-FECHO 1243.721



(Aplicar com o artigo 1416.5)

230225

SUPLEMENTO PARA VENTILAÇÃO 1463



(Para vãos com H>1400mm)

201537

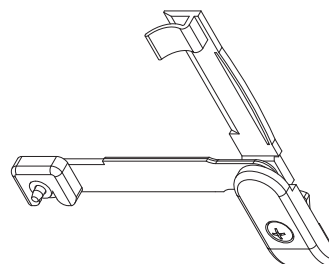
FECHO SUPLEMENTAR 1246.832



(Aplicar com o artigo 1463)

202089

CONTRA-FECHO DUPLO 1416.5



228104

LIMITADOR DE ABERTURA 6060 Pr.

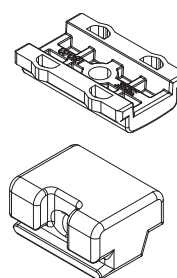
(Chave 874.598 para retirar  
puxador 874.2.Sob pedido)



(Aplicar com art. 1200/8 ou 1201/8)

200814

PUXADOR SIMPLES 874.2



212154

CONJUNTO PARA CALÇO 1410.50 Pr.



(Para Puxador 874.2)

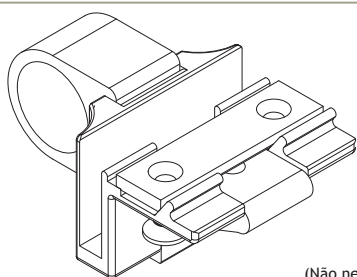
207511

TAMPA DE PROTECÇÃO 874.805



201497

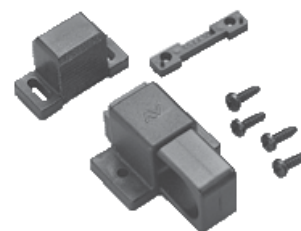
FECHO P/BASCULANTE 1370.1



(Não necessita executar furações)  
(Fecho com regulação para janelas basculantes)

201547

FECHO P/BASCULANTE REGULÁVEL 509R (Br., Pr.ou Cinza)



201495

FECHO PARA BASCULANTE 1357



(Mecanismo para janelas com oscilo-batente)

228010

MECANISMO MONO 1200/8



228117

MECANISMO DUO 1201/8



(1344.4 - Compasso para janelas basculantes)  
Peso máximo da janela basculante com 2 braços = 70Kg

210114

BRAÇO PIOVRA 1344.4

210103

BRAÇO PIOVRATRE 1341 (Altura mín. folha = 280mm)



Peso máx. janela basculante = 15Kg  
Peso máx. janela projectante = 30Kg

212060

Altura máxima janela basculante = 600mm  
CONJUNTO DOBRADIÇA INOX 1953  
(Para janela basculante ou projectante)



(Para limitar a abertura da folha)

202040

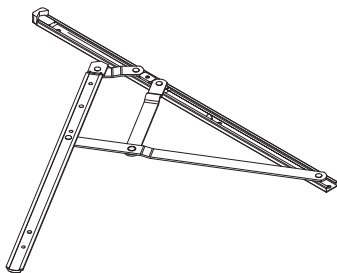
COMPASSO LIMITADOR DE ABERTURA 1343.2



Dimensão do compasso = 152mm  
Altura máxima = 300mm  
Largura máxima = 1200mm  
Peso máximo = 10Kg  
Ângulo de abertura = 50°

212030

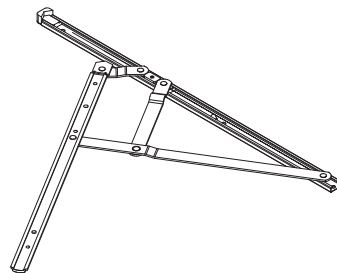
CONJUNTO BRAÇO PARA PROJECTANTES S 150



Dimensão do compasso = 415mm  
Altura máxima = 1090mm  
Largura máxima = 2200mm  
Peso máximo = 55Kg  
Ângulo de abertura = 50°

212032

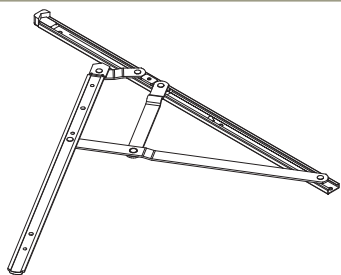
CONJUNTO BRAÇO PROJECTANTE S 400



Dimensão do compasso = 567mm  
Altura máxima = 1500mm  
Largura máxima = 1200mm  
Peso máximo = 75Kg  
Ângulo de abertura = 45°

212034

CONJUNTO BRAÇO PROJECTANTE S 550

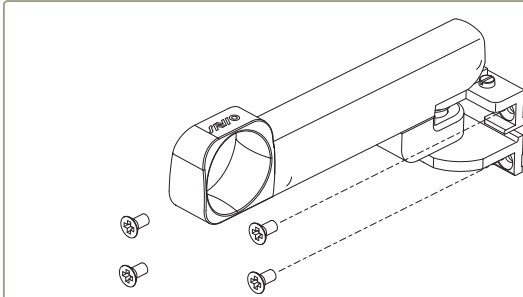


Para vãos até 100Kg  
Dimensão do compasso = 685mm  
Altura máxima = 2000mm  
Altura mínima = 750mm  
Largura máxima = 2200mm  
Ângulo de abertura = 20°

Para vãos até 120Kg (usar com o KIT ST 7280)  
Dimensão do compasso = 720mm  
Altura máxima = 2000mm  
Altura mínima = 800mm  
Largura máxima = 2200mm  
Ângulo de abertura = 15°

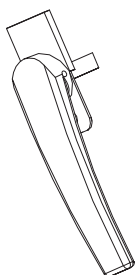
212021  
223007

CONJUNTO BRAÇO PROJECTANTE ST 26  
KIT AJUSTÁVEL ST 280



202605  
214253

COMANDO 1206.1/2 LAC. 900  
COMANDO 1206.1/1 LAC. 905



416006

MANÍPULO ARTICULADO BAIXO SOS



(Para janela projectante com dobradiça)  
(Peso máx. com 2 compassos = 70Kg)

202065

COMPASSO SAVIO 1307.1



(Aplicar com o Manípulo Articulado Baixo SOS)

228210

MECANISMO INTERIOR SOS



(L = 12.8mm)

290101

PARAFUSO PB 12.8 mm



(Aplicar com os cremones 876, 876.751 ou 915.1 e nos cremones 897.2, 897.3 ou 879.751)

223670

KIT MOV. INT. 1475.6



2 Dobradiças = 80 Kg  
3 Dobradiças = 90 Kg

202208

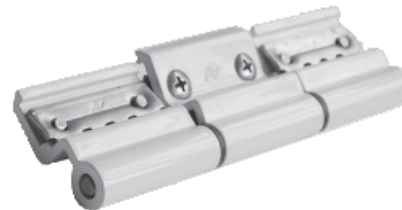
DOBRADIÇA MORSÀ 1121.1



2 Dobradiças = 90 Kg  
3 Dobradiças = 100 Kg

202104

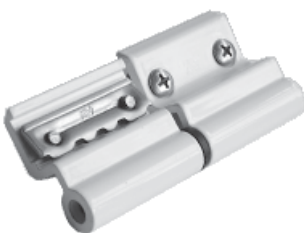
DOBRADIÇA MORSÀ 1122



2 Dobradiças = 90 Kg  
3 Dobradiças = 100 Kg

202112

DOBRADIÇA MORSÀ PARA A 3ª FOLHA 1122.92



2 Dobradiças = 80 Kg  
3 Dobradiças = 90 Kg

202209

DOBRADIÇA MORSÀ 1123



CONSULTAR DEPARTAMENTO TÉCNICO

202141

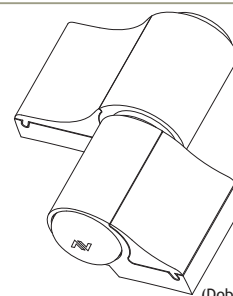
DOBRADIÇA AVANÇO PB 2000



(Dobradiça oculta)

222121

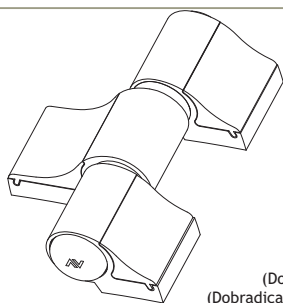
JOGO DOBRADIÇA 3020



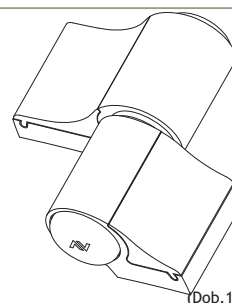
(Dobradiça com regulação nos 3 eixos)  
(Dobradiça certificada para peso máx.=150Kg)

202010

DOBRADIÇA MECHANICA 2 ABAS 1145/60



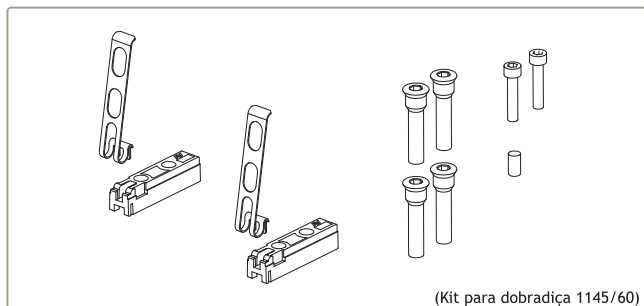
(Dobradiça com regulação nos 3 eixos)  
(Dobradiça certificada para peso máx.=180Kg)

202610  
000000DOBRADIÇA MECHANICA 3 ABAS 1145.3/60  
DOBRADIÇA MECHANICA 3 ABAS 1145.3/79

(Dob.1145.3/79 certificada para peso máx.=180Kg)

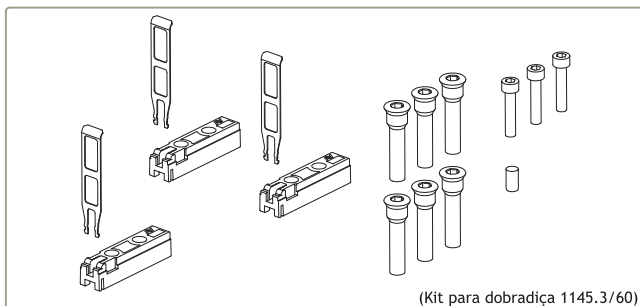
202012

DOBRADIÇA MECHANICA 2 ABAS 1145/79



223100

KIT DE FIXAÇÃO PARA MECÂNICA 1145.705



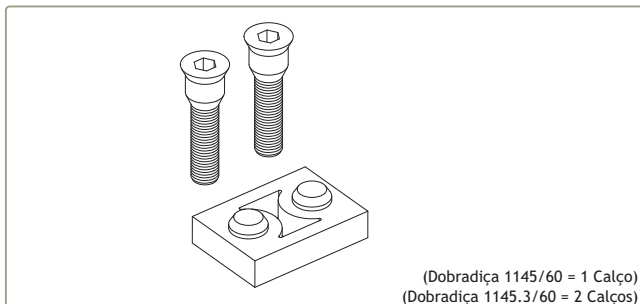
223020

KIT DE FIXAÇÃO PARA MECÂNICA 1145.715



210010

SEPARADOR 1125.802



218170

CALÇO PARA DOBRADIÇA MECÂNICA 1145.703/7



210011

SEPARADOR 1145.802



211101

GABARITO PARA FURAÇÃO 1145.908



202511

DOBRADIÇA P/ MOLA 1147

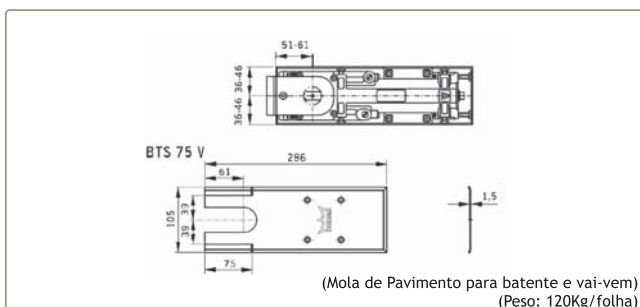


GABARITO MONTAGEM 1125.951 AC. Nt.



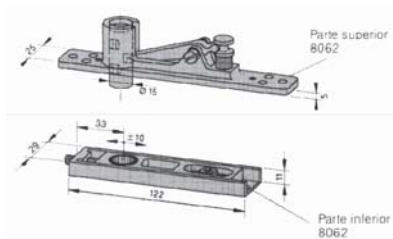
202510

DOBRADIÇA 2 ABAS 1132.1/60



228071

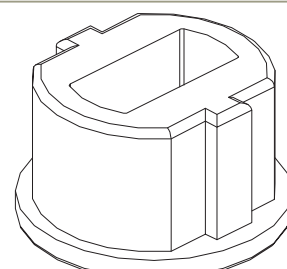
MOLA DE PAVIMENTO BTS 75V



(Aplicar com a Mola de Pavimento BTS 75V)

227111

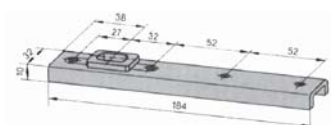
PIVOT SUPERIOR VAI-DEM 8062



(Para Mola Pav. BTS 75V - batente - com utilização da dobradiça 1147)

207327

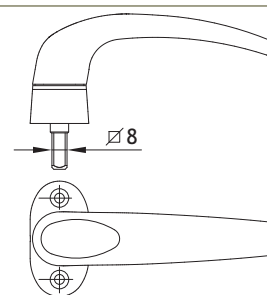
SEPARADOR R. TER/1129.802 OXID



(Aplicar com a Mola de Pavimento BTS 75V)  
Para pesos de porta até 100Kg

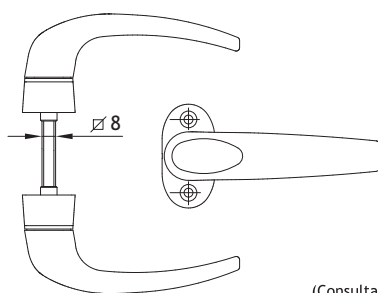
210104

BRAÇO INFERIOR VAI-DEM 8021



200814

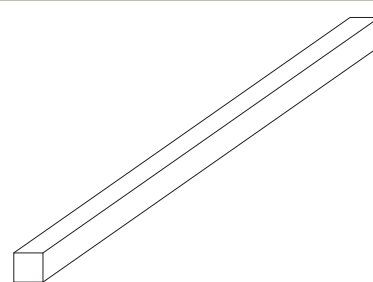
PUXADOR SIMPLES 874.2



(Diversos acabamentos)  
(Consultar Departamento Técnico)

200747

PUXADOR DUPLO 874.31



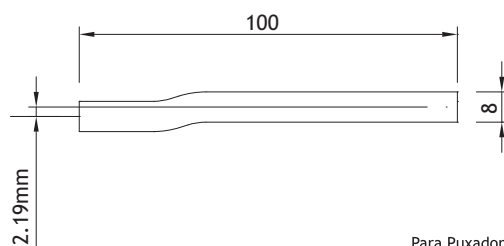
227301

QUADRA AÇO 8mm PARA PUXADOR 874.31



200920

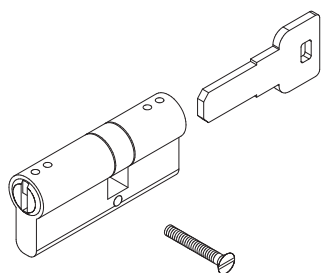
PUXADOR DUPLO 615



Para Puxador Duplo 615

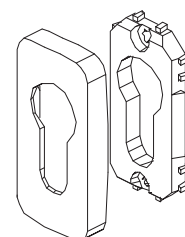
227302

QUADRA DESCENTRADA 130mm



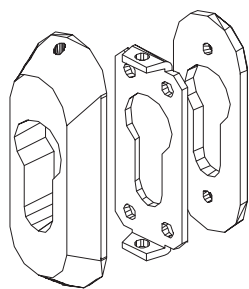
230502  
230503

SEGREDO 70/30 NIQUELADO  
SEGREDO SEGURANÇA 70/32 NIQUELADO



220190

ESPELHO 874.801 (Br./Pr.)



(Espelho metálico)

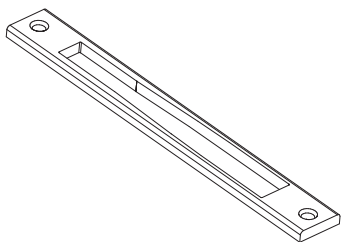
220008

ESPELHO PARA SEGURANÇA 5100 (Pr.)



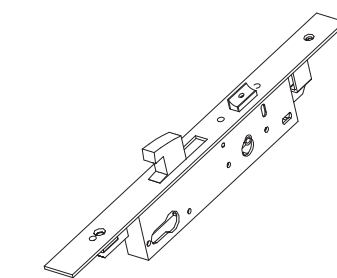
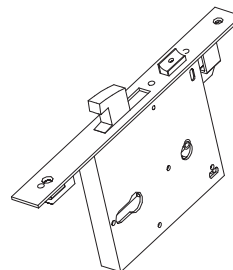
280200

TESTA FECHADURA 5791x90



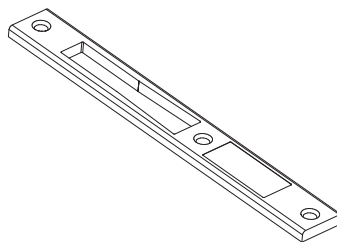
280230

TESTA FECHADURA STAND 2001

201033  
201034FECHADURA 7797x30  
FECHADURA 7797x35

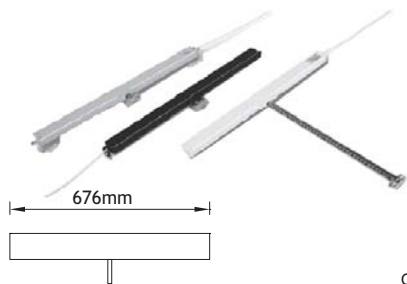
201013

FECHADURA DE ALMOFADA 5791x90



280220

TESTA FECHADURA PRUMO 2000



212640

ACIONADOR 40837Z

Alimentação: 220V-240V  
Curso de abertura: 500mm  
Força de abertura: 300N  
Potência: 50W  
Classe de proteção: IP 30  
Cores: Cinza, Branco ou Preto



212036

ACIONADOR ELÉCTRICO DUPLO 240Vac 40989D(Nat.)

Accionador para janelas projetantes e basculantes  
Voltagem: 100Vac - 240Vac  
Inversão de marcha: por inversão de polaridade  
Abertura: 500mm  
Força: 600N  
Classe de proteção: IP 30  
Cores: Natural, Preto, Branco



230018

SUPORTE PARA MOTOR 40858U

Cores: Natural, Preto, Branco



230463

SUPORTE PARA ACION. ELÉC. DUPLO 41101H(Nat.)

Cores: Natural, Preto, Branco



(Ferragem ambidestra com fechos superior e inferior)  
Largura máxima da porta: 1240mm  
Altura máxima da porta: 2400mm

200004

ANTI-PÂNICO VERTICAL KH.2



(Ferragem reversível)  
Largura máxima da porta: 1240mm

200001

ANTI-PÂNICO HORIZONTAL KH



200230

CREMONE COM FECHADURA KH.B.PR.



FERRAGEM CERTIFICADA

(Ferragem reversível)  
Largura máxima da porta: 1240mm  
Altura máxima da porta: 2450mm

200912

ANTI-PÂNICO HORIZONTAL 6000.1/1200



FERRAGEM CERTIFICADA

(Ferragem ambidestra com ponto de fecho superior e inferior)  
Largura da porta: entre 800mm e 1240mm  
Altura máxima da porta: 2450mm

200968

ANTI-PÂNICO VERTICAL 6000.2/1200



(Ferragem ambidestra com 3 pontos de fecho superior e inferior e lateral)  
Largura da porta: entre 800mm e 1240mm  
Altura máxima da porta: 2450mm

200988

ANTI-PÂNICO VERTICAL 6000.3/1200



FERRAGEM CERTIFICADA

(Ferragem ambidestra com ponto de fecho superior e inferior)  
Largura da porta: entre 800mm e 1240mm  
Altura máxima da porta: 2450mm

000000

ANTI-PÂNICO VERTICAL 6100.2/1085



(Ferragem ambidestra com 3 pontos de fecho superior e inferior e lateral)  
Largura da porta: entre 800mm e 1240mm  
Altura máxima da porta: 2450mm

200971

ANTI-PÂNICO VERTICAL 6100.3/1085



FERRAGEM CERTIFICADA

(Ferragem reversível)  
Largura da porta: entre 800mm e 1240mm  
Altura máxima da porta: 2450mm

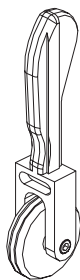
200970

ANTI-PÂNICO HORIZONTAL 6100.1/1085



200914

CREMONE COM FECHADURA 6000.875. Pr.



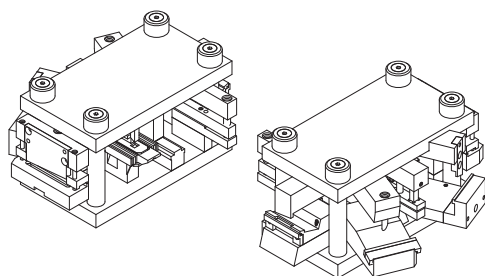
425001

ROLETA P/VED. CPT 150D



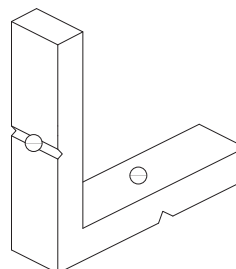
426003

TESOURA PARA VEDANTES MULTICOUP



408044

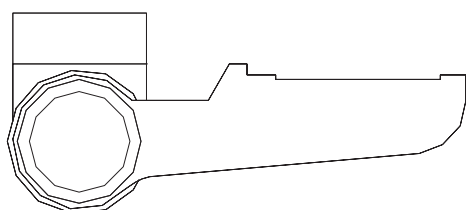
CORTANTE SISTEMA IT/ST



(Para os perfis KY 84 e KY 86)

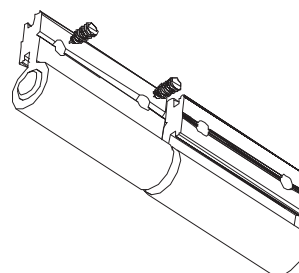
204380

ESQUADRO 1108

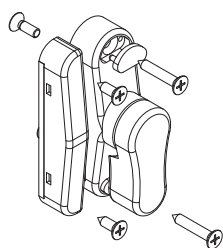


202229

DOBRADIÇA PARA SISTEMA TAPA-LUZ



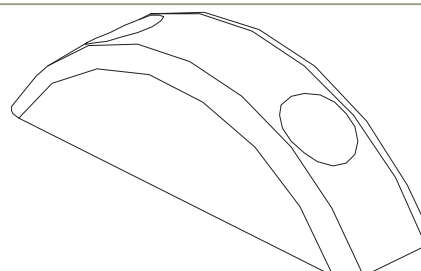
202230

DOBRADIÇA PARA PORTADAS  
INTERIORES / REDE MOSQUITEIRA

(Trinco para sistemas de Tapa-luz ou Portadas interiores)

231214

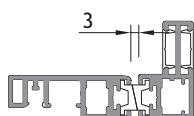
TRINCO REVERSÍVEL 9566 (Br. / Pr.)



(Aplicar em portadas interiores)

214146

BATENTE PARA PERSIANA 877.804



2036

(Para sistemas de portada interior ou rede mosquiteira)

215155

PERFIL MAGNÉTICO 2036



SB 63

208264



2102

Junta para o perfil SB 63  
Material: PVC com base rígida  
Rolo: 100m  
13 = ESQUADRO 18-1414 C

JUNTA ESTANQUICIDADE 2102



Material: PVC  
(Rolo: 100m)

208310

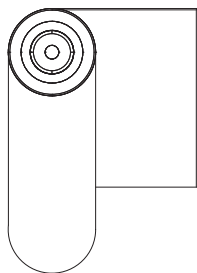
VEDANTE PARA MOSQUITEIRA 1027 Pr.



Material: EPDM  
(Rolo: 25m)

208261

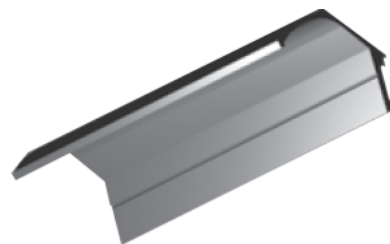
VEDANTE PARA MOSQUITEIRA 2027 Pr.



Rolo de 30m x 1,60m

229105

REDE MOSQUITEIRA EM FIBRA



(Puxador para sistema de rede mosquiteira)

200910

PUXADOR SIMPLES SOS



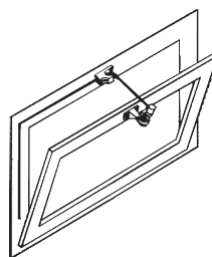
217118

BICHA F604 (POR METRO)



231002

TUBO F111 ( 3 METROS)



Com Bicha (3m) e com Tubo (3m)

223906

KIT COMPLETO QL. 1 (3m)



(Sem Bicha e sem Tubo)

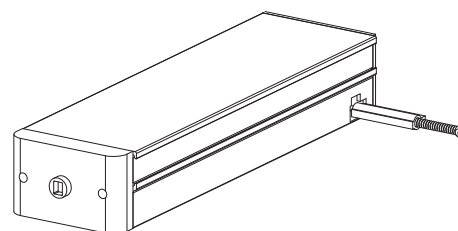
223760

KIT PARA BASCULANTE SIMPLES



220100

DISPOSITIVO MANUAL P18/14



212248

ACIONADOR ELÉTRICO PRT.



213124

ACIONADOR MECÂNICO CINZA



218116

CALÇO SEPARADOR (50 x 70mm)



207220

PRESILHA M6 x 37mm



207203

PRESILHA M6 x 17mm

213239  
213240ÂNGULO DE FIXAÇÃO 100mm  
ÂNGULO DE FIXAÇÃO 120mm230014  
230019SUPORTE DE FIXAÇÃO 100mm  
SUPORTE DE FIXAÇÃO 120mm

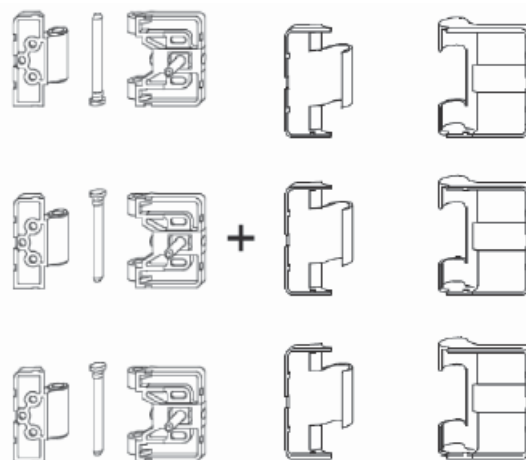
208704

Limpeza de alumínio lacado ou anodizado  
Para preparação das zonas a serem unidas e limpeza final  
PRODUTO DE LIMPEZA DE ALUMÍNIO (1L) Transparente



208019

SELA JUNTAS 150gr. (Cinza)

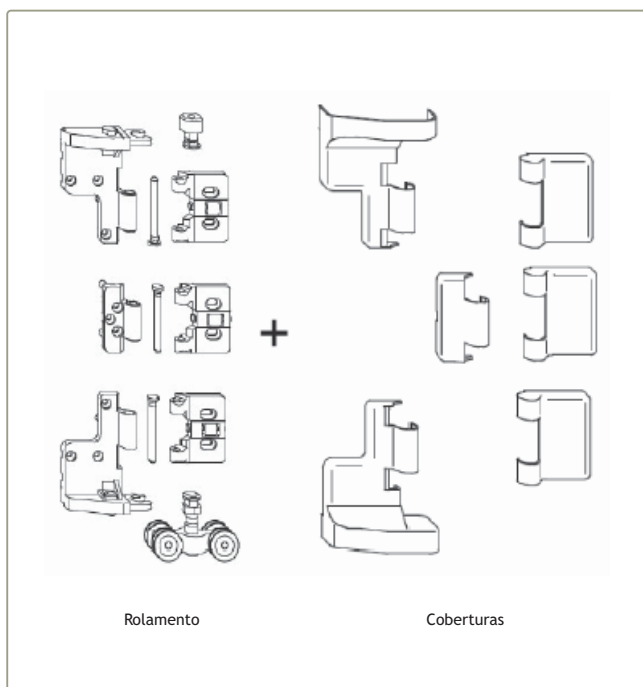


Dobradiças

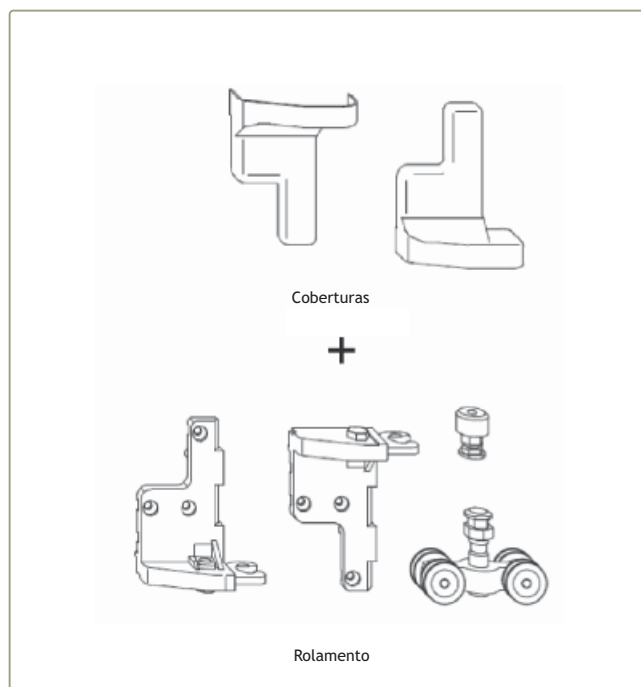
Coberturas

212064  
212879  
212878

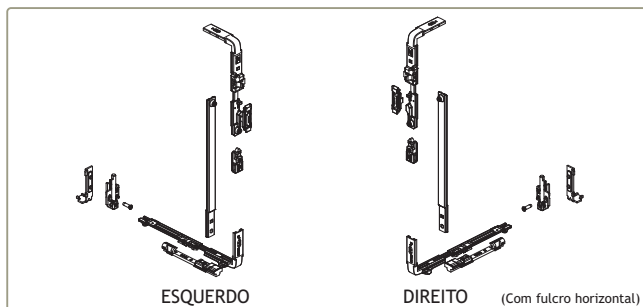
CONJUNTO DOBRADIÇAS FS-LM BRUTO  
CONJUNTO COBERTURAS P/DOBRADIÇAS FS-LM BRC  
CONJUNTO COBERTURAS P/DOBRADIÇAS FS-LM PRT



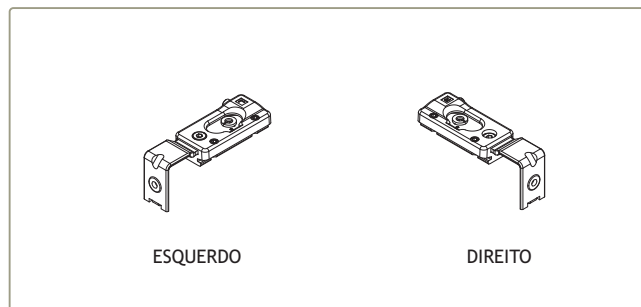
212321 CONJUNTO ROLAM. INTERM. FS-LM BRUTO  
212880 CONJUNTO COBERTURA P/ROLAM.INTERM. FS-LM BRC  
212877 CONJUNTO COBERTURAS P/ROLAM. INTERM. FS-LM PRT



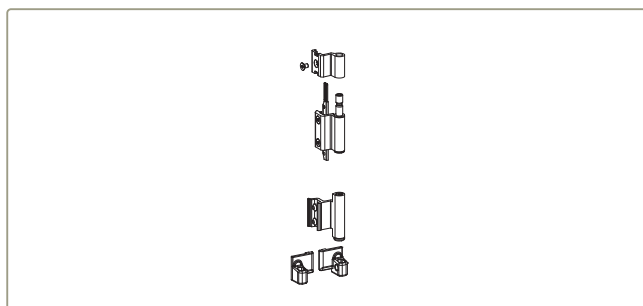
212320 CONJUNTO ROLAM. TERM. FS-LM BRUTO  
212881 CONJUNTO COBERTURA P/ROLAM. TERM. FS-LM BRC/PRT



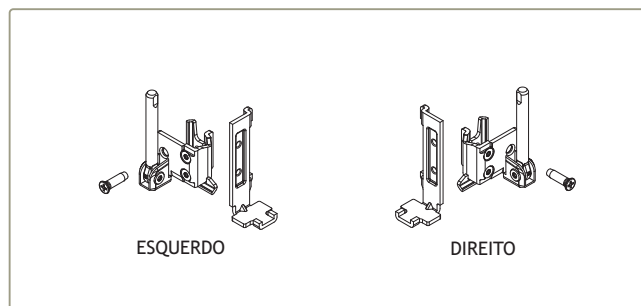
299036 CARTÃO BASE 3200.2L RB5 ESQUERDO  
299037 CARTÃO BASE 3200.2R RB5 DIREITO



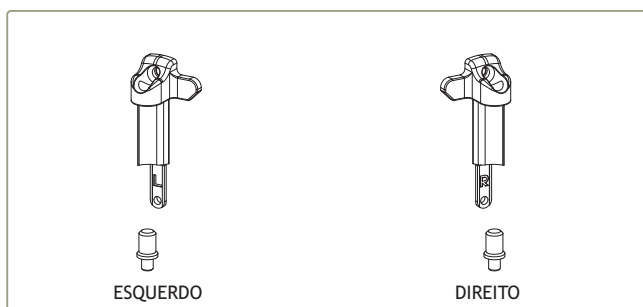
230310 SUPORTE SUPERIOR DE DOBRADIÇAS 3200.840L RB5 ESQ.  
230311 SUPORTE SUPERIOR DE DOBRADIÇAS 3200.840R RB5 DIR.



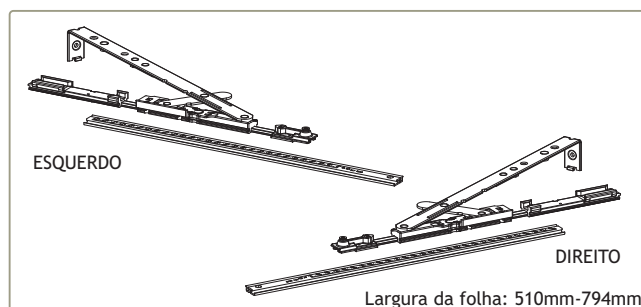
222123 JOGO DOBRADIÇAS 3200.709 RB5 110Kg



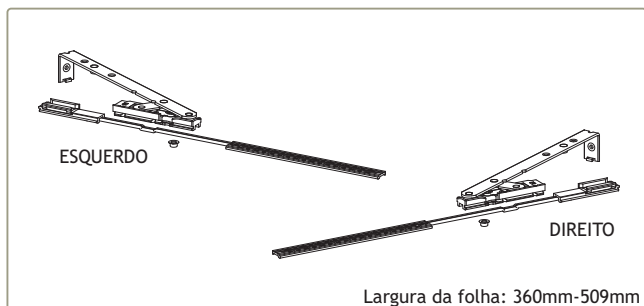
230312 SUPORTE INFERIOR DE DOBRADIÇAS 3200.710L RB5 ESQ.  
230313 SUPORTE INFERIOR DE DOBRADIÇAS 3200.710LR RB5 DIR.



299038 REFORÇO DE DOBRADIÇA PARA 140Kg 3200.708L RB5 ESQ.  
299039 REFORÇO DE DOBRADIÇA PARA 140Kg 3200.708R RB5 DIR.

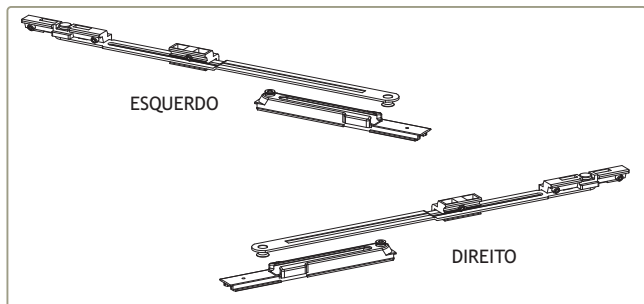


202041 COMPASSO STANDARD 3200.751L RB5 ESQ.  
202042 COMPASSO STANDARD 3200.751R RB5 DIR.



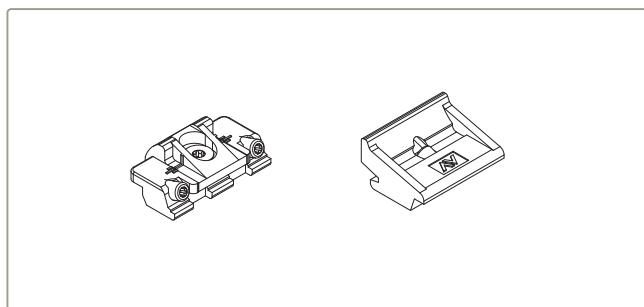
202043  
202044

COMPASSO CURTO 3200-750L RB5 ESQ.  
COMPASSO CURTO 3200-750R RB5 DIR.



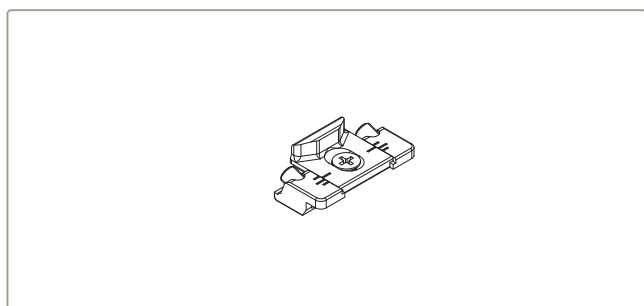
202047  
202048

COMPASSO SUPLEMENTAR 3200.800L HORIZ. RB5 ESQ.  
COMPASSO SUPLEMENTAR 3200.800R HORIZ. RB5 DIR.



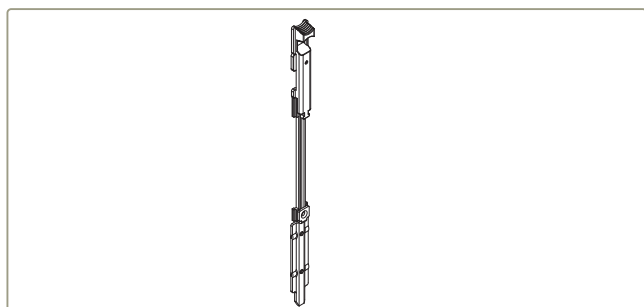
201044

FECHO SUPLEMENTAR 1246.832W RB5



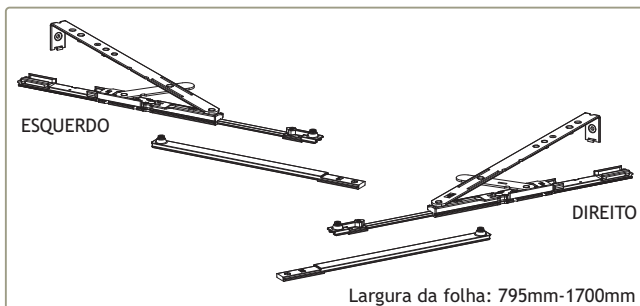
211026

PONTO DE FECHO SUPLEMENTAR FIXO 1243.721W RB5



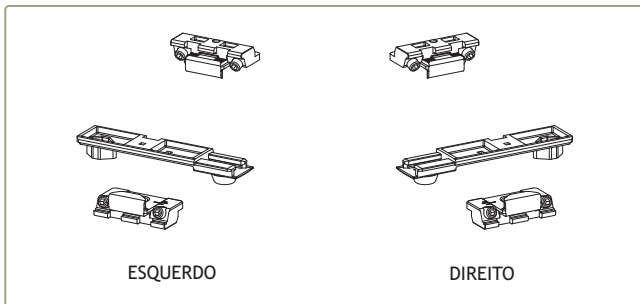
225168

PASSADOR COM PONTEIRA INOX 3200.851 RB5



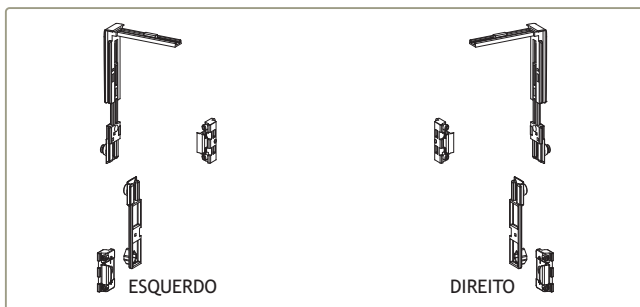
202045  
202046

COMPASSO GRANDE 3200-752L RB5 ESQ.  
COMPASSO GRANDE 3200-752R RB5 DIR.



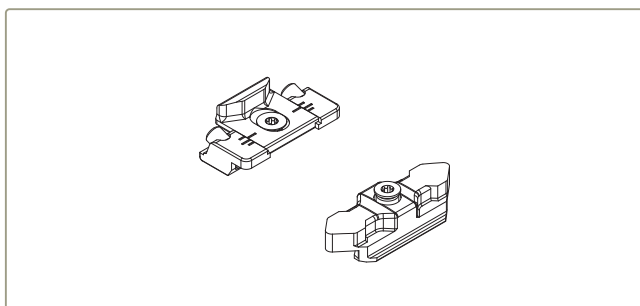
211022  
211023

PONTOS DE FECHO EXTRA 3200.825L HORIZ. RB5 ESQ.  
PONTOS DE FECHO EXTRA 3200.825R HORIZ. RB5 DIR.



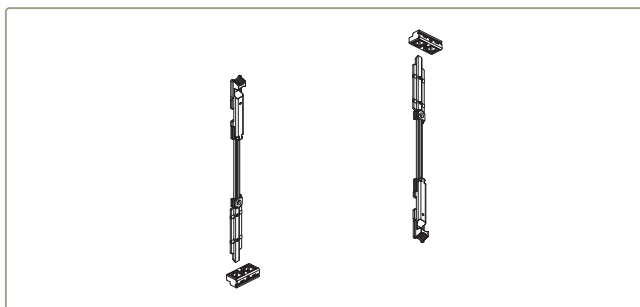
211024  
211025

PONTOS DE FECHO EXTRA 3200.820L VERT. RB5 ESQ.  
PONTOS DE FECHO EXTRA 3200.820R VERT. RB5 DIR.



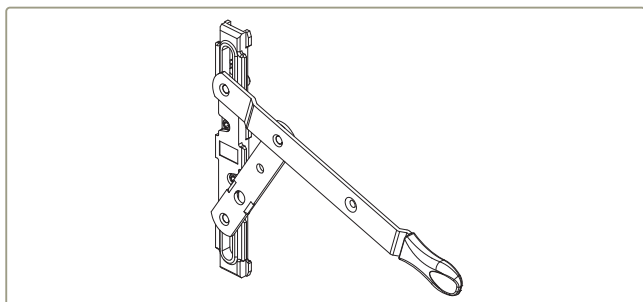
211027

PONTO DE FECHO SUPLEMENTAR FIXO/MÓVEL 3200.810 RB5

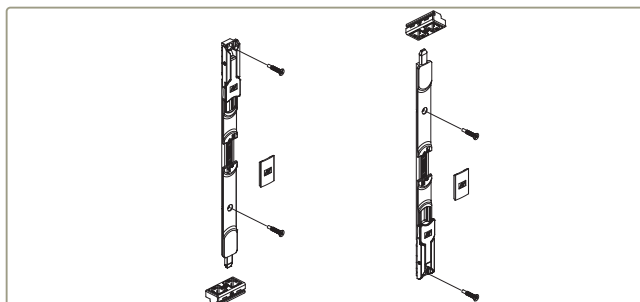


212091

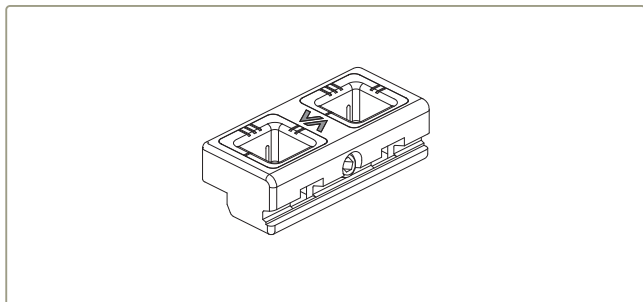
CONJ. FECHOS PASSADOR 2ªFOLHA Inox F3200.851.92 RB5



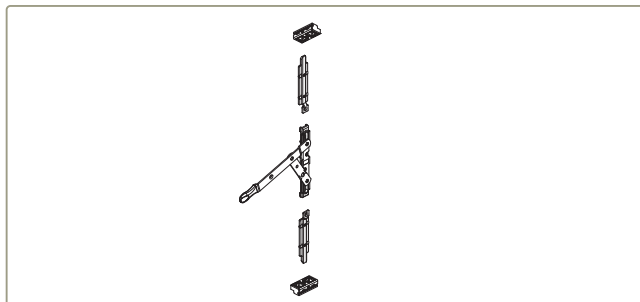
225169 PASSADOR DE ALAVANCA BIDIRECIONAL 1538 RB5



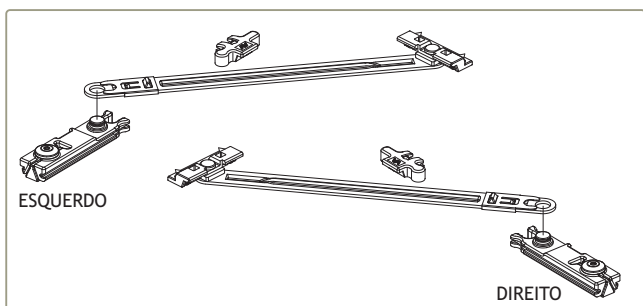
212095 CONJUNTO FECHOS DE ALAVANCA 2ª FOLHA F1539 RB5



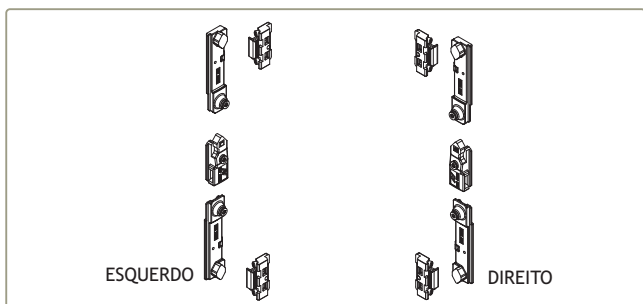
202316 CONTRA-FECHO DUPLO REG. 1414W RB5



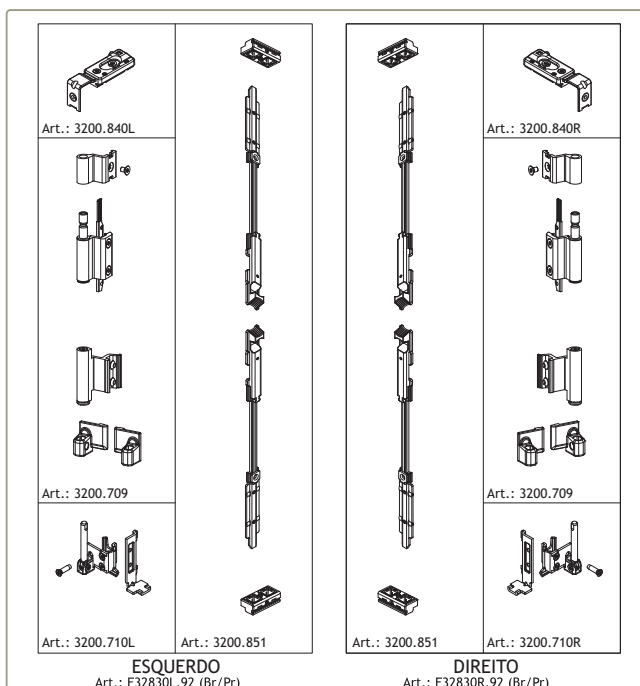
212139 CONJ. FECHO ALAV. BIDIRECIONAL 2ª FOLHA Inox F1538.4 RB5



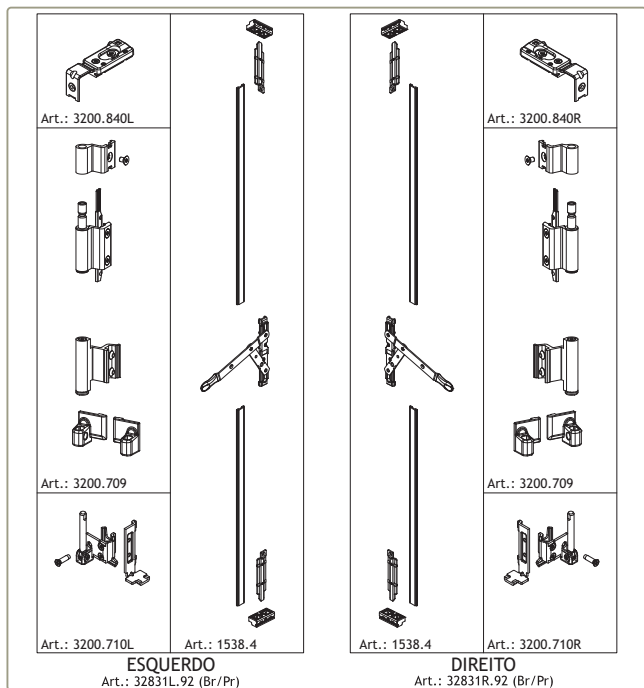
202049 COMP. LIMITADOR C/RETENÇÃO 200mm 1343.8L /20 RB5 ESQ.  
202055 COMP. LIMITADOR C/RETENÇÃO 200mm 1343.8R /20 RB5 DIR.



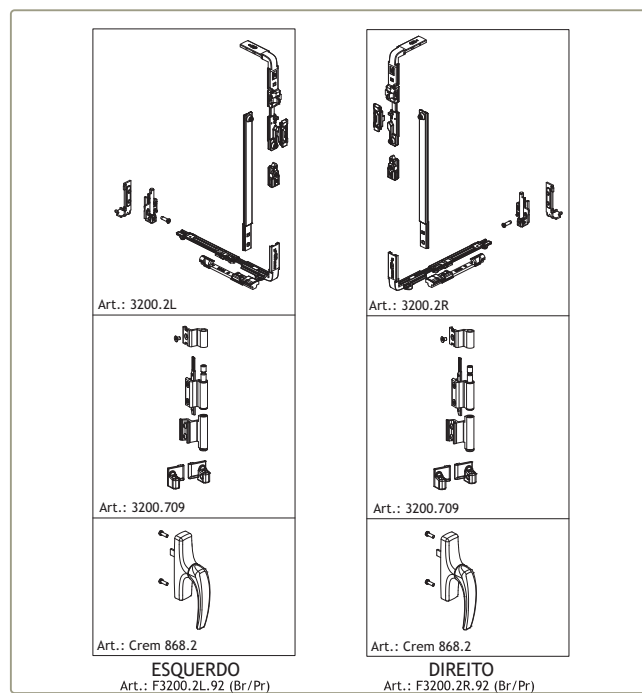
223021 KIT 1 FOLHA BATENTE 3200.600L RB5 ESQ.  
223022 KIT 1 FOLHA BATENTE 3200.600R RB5 DIR.



223023 KIT 2ª FOLHA F32830L.92 RB5 ESQ.  
223024 KIT 2ª FOLHA F32830R.92 RB5 DIR.



223025 KIT 2ª FOLHA BIDIRECIONAL F32831L.92 RB5 ESQ.  
 223026 KIT 2ª FOLHA BIDIRECIONAL F32831R.92 RB5 DIR.



223027 KIT OSCILO-BAT 1 FOLHA S/COMPASSO F3200.2L.92 RB5 ESQ.  
 223028 KIT OSCILO-BAT 1 FOLHA S/COMPASSO F3200.2R.92 RB5 DIR.



## **Pormenores de montagem**

Assembly details  
Détails d'assemblage





## JANELA DE BATENTE DE 1 FOLHA - LINHA RETA

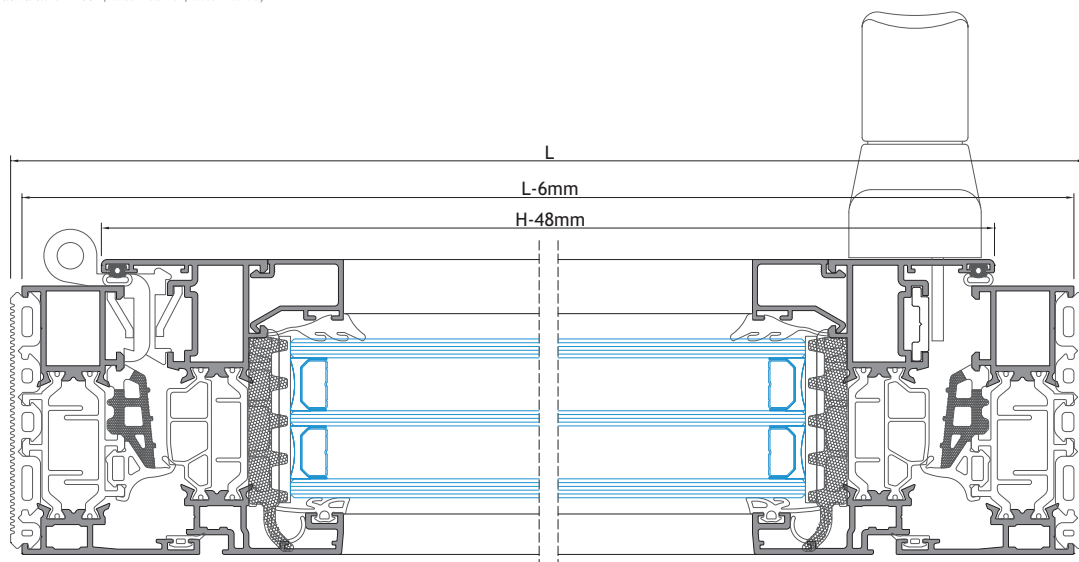
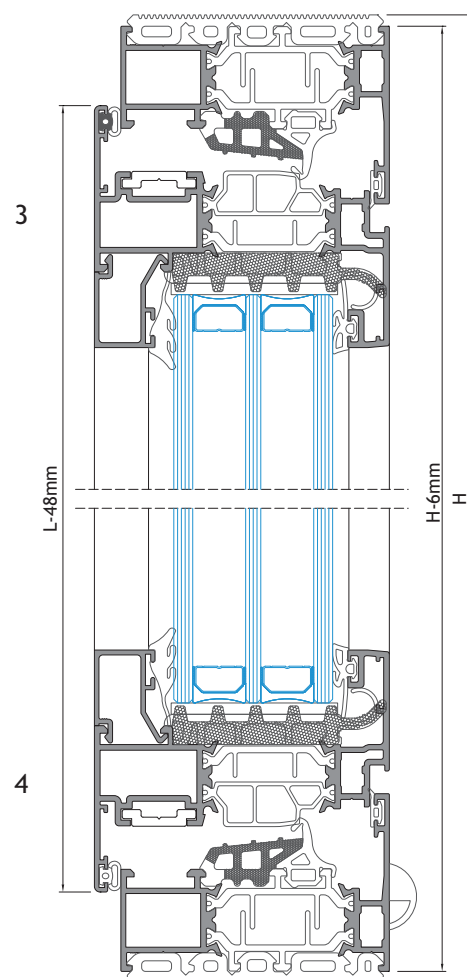
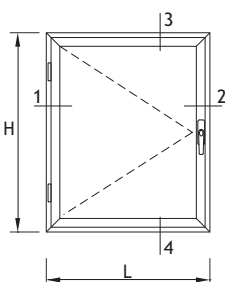
1 LEAF CASEMENT WINDOW - STRAIGHT LINE

FENÊTRE À LA FRANÇAISE 1 VANTAIL - LIGNE DROITE

PERFIS PROFILES   PROFILS				
REFERÊNCIA REFERENCE RÉFÉRENCE	CORTE HORIZONTAL HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERTICAL VERTICAL DETAIL DÉTAIL VERTICALE	QUANTIDADE QUANTITY QUANTITÉ	CORTE CUT COUPÉ
ST-01	L-6	H-6	2+2	
ST-02	L-48	H-48	2+2	
-	L-136	H-176	2+2	
SA-33	-----	(H-290)/2	2	

ACESSÓRIOS ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
210154	GOTEIRA 1875   DRIP   GOUTTIÈRE	2
213261	CANTO ALINHAMENTO S IT/ST   ALIGNMENT CORNER   COIN ALIGNEMENT	4
213308	CANTO CR 0018   ANGLE   COIN	4
204150	ESQUADRO 18-0512-C   BLOCKING BRACKET   ÉQUERRE	4
204142	ESQUADRO IT/ST Nº5 18-2512-140   BLOCKING BRACKET   ÉQUERRE	4
204137	ESQUADRO IT/ST Nº1 16-1914-C   BLOCKING BRACKET   ÉQUERRE	4
202208	DOBRADIÇA 1121.1   HINGE   PAUMELLE	2
200300	CREMONE 870   HANDLE   POIGNÉE	1
215114	PEÇA CREMONE VARETA 1481   OPERATING ROD PIECE   ENTRAÎNEUR	2
206490	TERMINAL VARETA 1486   LOCKING TERMINAL   TERMINAISON DE FERMETURE	2
202090	CONTRA-FEC. DUPLO 1416.6   DOUBLE COUNTER-LOCK   CONTRE-FERM. DOUBLE	2
218126	CALÇOS P/VIDROS/ST   GLAZING SHIM   CALE POUR VITRAGE	4

VEDANTES SEALANTS   JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
208185	VD 2089	2L+2H
208008	VD 2051 (1)	2L+2H
208183	VD 2267	2L+2H
208184	VD 2412 (opcional   optional   optionnel)	2L+2H
208289	VD 2055	2L+2H
VARIÁVEL VARIABLE	JUNTA INTERIOR   GLAZING WEDGE GASKET   JOINT INTÉRIEUR	2L+4H
213015	CANTO VULCANIZADO 2267.1   CORNER JOINT   JOINT VULCANISÉ	4
208182	VD 2090	2L+2H
(1) 208143	VD 2071 (alternativa ao VD 2051   alternative   alternative)	



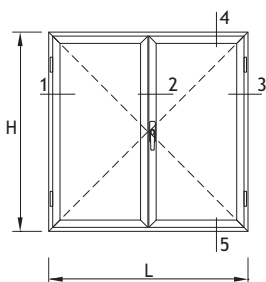
ESC: 1/2

## JANELA DE BATENTE 2 FOLHAS - LINHA RETA

2 LEAVES CASEMENT WINDOW - STRAIGHT LINE

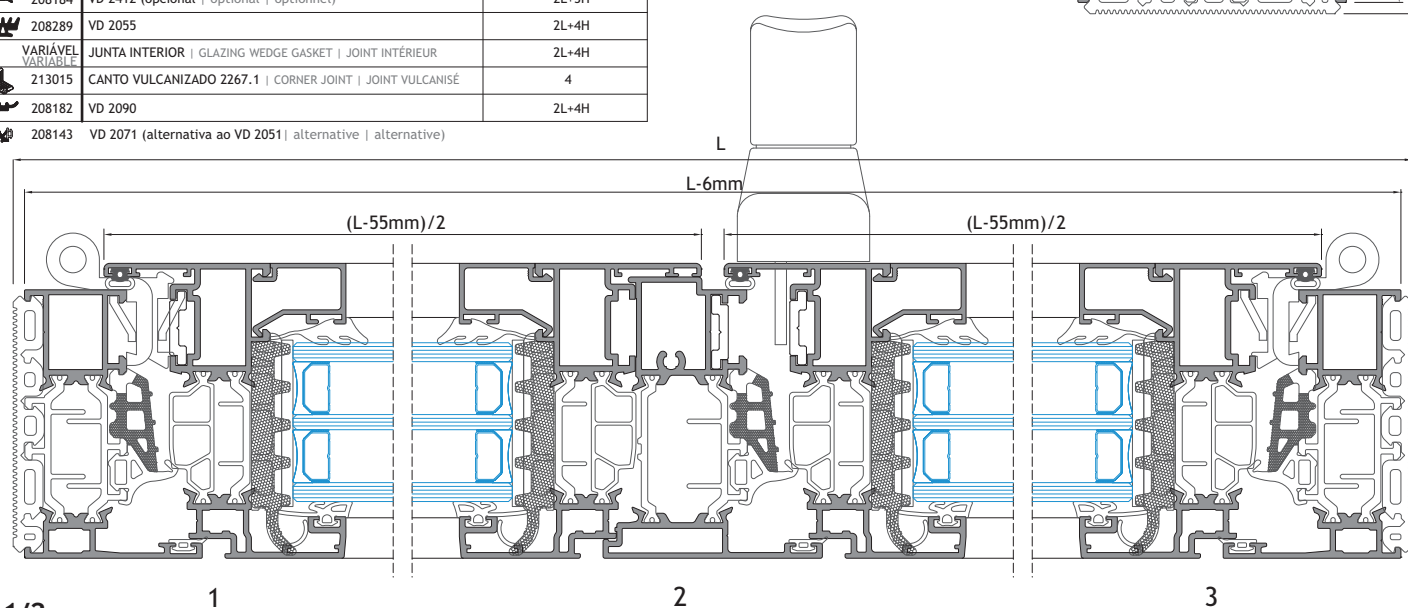
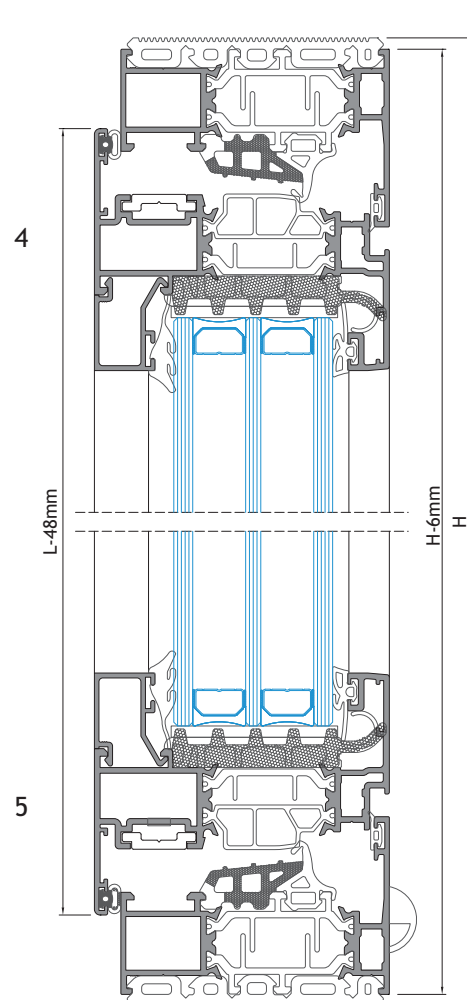
FENÊTRE À LA FRANÇAISE 2 VANTAUX - LIGNE DROITE

PERFIS PROFILES   PROFILS				
REFERÊNCIA REFERENCE REFERENCE	CORTE HORIZONTAL HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERTICAL VERTICAL DETAIL DÉTAIL VERTICALE	QUANTIDADE QUANTITY QUANTITÉ	CORTE CUT COUPÉ
ST-01	L-6	H-6	2+2	
ST-02	(L-55)/2	H-48	4+4	
ST-06	-----	H-118	1	
-	(L-231)/2	H-176	4+4	
SA-33	-----	(H-290)/2	2	



ACESSÓRIOS ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
210154	GOTEIRA 1875   DRIP   GOUTTIÈRE	2
213261	CANTO ALINHAMENTO S IT/ST   ALIGNMENT CORNER   COIN ALIGNEMENT	8
213308	CANTO CR 0018   ANGLE   COIN	4
204150	ESQUADRO 18-0512-C   BLOCKING BRACKET   ÉQUERRE	8
204142	ESQUADRO IT/ST Nº5 18-2512-140   BLOCKING BRACKET   ÉQUERRE	8
204137	ESQUADRO IT/ST Nº1 16-1914-C   BLOCKING BRACKET   ÉQUERRE	4
202208	DOBRADIÇA 1121.1   HINGE   PAUMELLE	4
200300	CREMONE 870   HANDLE   POIGNÉE	1
215114	PEÇA CREMONE VARETA 1481   OPERATING ROD PIECE   ENTRÂINEUR	2
206490	TERMINAL VARETA 1486   LOCKING TERMINAL   TERMINAISON DE FERMETURE	2
202090	CONTRA-FEC. DUPLO 1416.6   DOUBLE COUNTER-LOCK   CONTRE-FERM. DOUBLE	2
218126	CALÇOS P/VIDROS/ST   GLAZING SHIM   CALE POUR VITRAGE	8
212069	CONJ.TOPO INVERSOR ST   END CAP KIT   KIT EMBOUTS	1
201490	FECHO P/2ªFOLHA 1541   2ND LEAF LOCKER   FERMETURE POUR 2EME VANTAIL	2

VEDANTES SEALANTS   JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
208185	VD 2089	2L+2H
208008	VD 2051 (1)	2L+3H
208183	VD 2267	2L+3H
208184	VD 2412 (opcional   optional   optionnel)	2L+3H
208289	VD 2055	2L+4H
VARIÁVEL VARIABLE	JUNTA INTERIOR   GLAZING WEDGE GASKET   JOINT INTÉRIEUR	2L+4H
213015	CANTO VULCANIZADO 2267.1   CORNER JOINT   JOINT VULCANISÉ	4
208182	VD 2090	2L+4H
(1) 208143	VD 2071 (alternativa ao VD 2051   alternative   alternative)	



ESC: 1/2

## PORTA DE 1 FOLHA - ABERTURA PARA INTERIOR

1 LEAF DOOR - INWARD OPENING

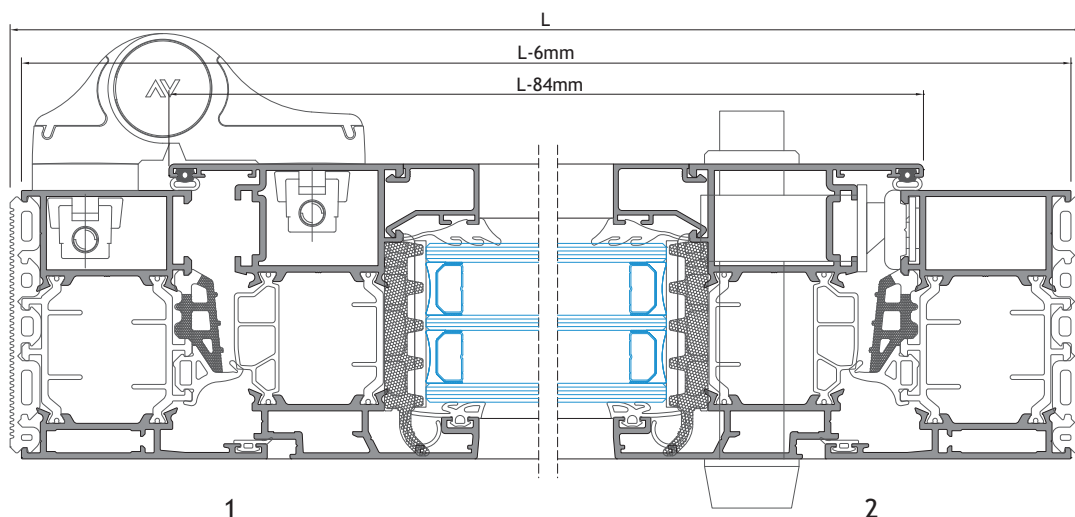
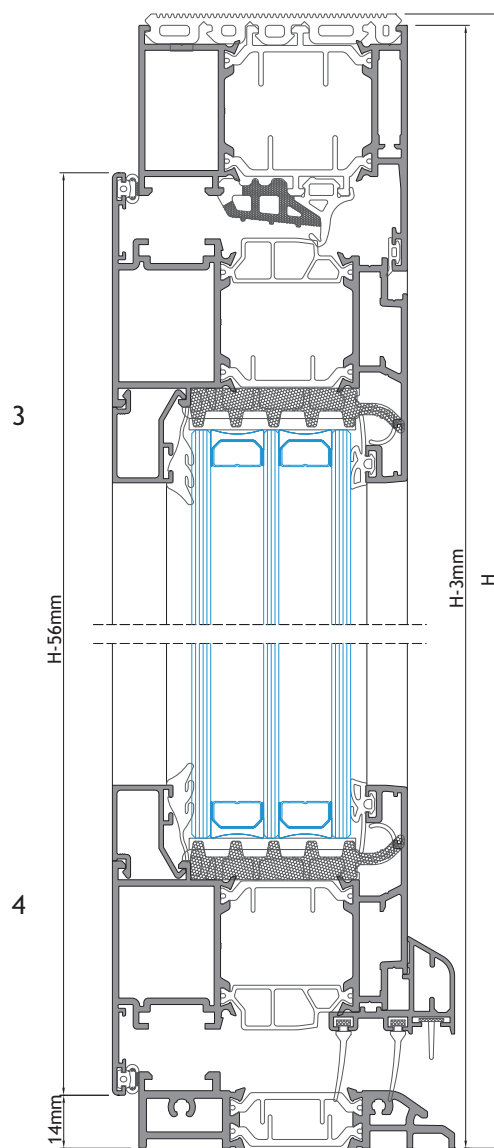
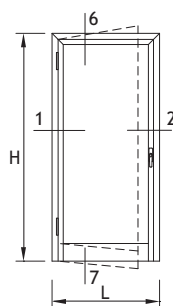
PORTE À 1 VANTAIL - OUVERTURE VERS L'INTÉRIEUR

PERFIS PROFILES   PROFILS				
REFERÊNCIA REFERENCE	CORTE HORIZONTAL HORIZONTAL DETAIL	CORTE VERTICAL VERTICAL DETAIL	QUANTIDADE QUANTITY	CORTE CUT
ST-07	L-6	H-3	1+2	
ST-11	L-84	H-56	2+2	
ST-49	L-86	-	1	
IT-32	L-151	-	1	
-	L-208	H-220	2+2	

ACESSÓRIOS ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
213246	CANTO CR S/SB   ANGLE   COIN	4
204139	ESQUADRO IT/ST Nº3 16-1931-C   BLOCKING BRACKET   ÉQUERRE	2
204143	ESQUADRO IT/ST Nº6 18-2530-140   BLOCKING BRACKET   ÉQUERRE	4
213309	CANTO CR 0182   ANGLE   COIN	2
204151	ESQUADRO 18-0525-C   BLOCKING BRACKET   ÉQUERRE	4
202010	DOBRADIÇA MECANICA 1145/60   HINGE   PAUMELLE	2
223100	KIT FIXAÇÃO 1145.705   FIXATION KIT   KIT FIXATION	2
218170	CALÇO 1145.703/7   SHIM   CALE	2
201033	FECHADURA 7797x30   LOCKER   SERRURE	1
230502	SEGREGO 70/30   CYLINDER LOCK   CYLINDRE DE SERRURE	1
220008	ESPELHO P/SEGREGO 5100   CYLINDER BACK PLATE   COUVERCLE DE CYLINDRE	1
200747	PUXADOR DUPLO 874.31   HANDLE   POIGNÉE	1
227301	QUADRA AÇO 8X140   STEEL SQUARE SHAFT   BARRE SECTION CARRÉE	1
280220	TESTA FECHADURA PRUMO 2000   STRICKING PLATE   GÂCHE	1
212346	CONJUNTO TAPA-TOPOS SA32   END-CAP KIT   KIT DE EMBOUTE	1
218126	CALÇOS P/VIDRO 5/ST   GLAZING SHIM   CALE P/VITRAGE	4
212069	CONJ. TOPO INVERSOR ST   END-CAP KIT   EMBOUTS	-
225155	PASSADOR REVERSÍVEL 1550   2ND LEAF LOCKER   FERMETURE POUR 2ÈME VANTAIL	-
221154	HASTE-FECHO 1550.801   EXTENSION ROD   HAMPE D'EXTENSION	-
202077	CONTRA-FECHO 1404   COUNTER-LOCK   CONTRE-FERMETURE	-

VEDANTES SEALANTS   JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
208185	VD 2089	L+2H
208008	VD 2051 (1)	2L+2H
208183	VD 2267	L+2H
208184	VD 2412 (opcional   optional   optionnel)	L+2H
208289	VD 2055	2L+2H
VARIÁVEL VARIABLE	JUNTA INTERIOR   GLAZING WEDGE GASKET   JOINT INTÉRIEUR	2L+2H
208294	VR 3180	2L
208246	VD 1140	L
213015	CANTO VULCANIZADO 2267.1   CORNER JOINT   JOINT VULCANISÉ	2
208182	VD 2090	2L+2H

(1) 208143 VD 2071 (alternativa ao VD 2051 | alternative | alternative)



# PORTA DE 2 FOLHAS - ABERTURA PARA INTERIOR

2 LEAVES DOOR - INWARD OPENING

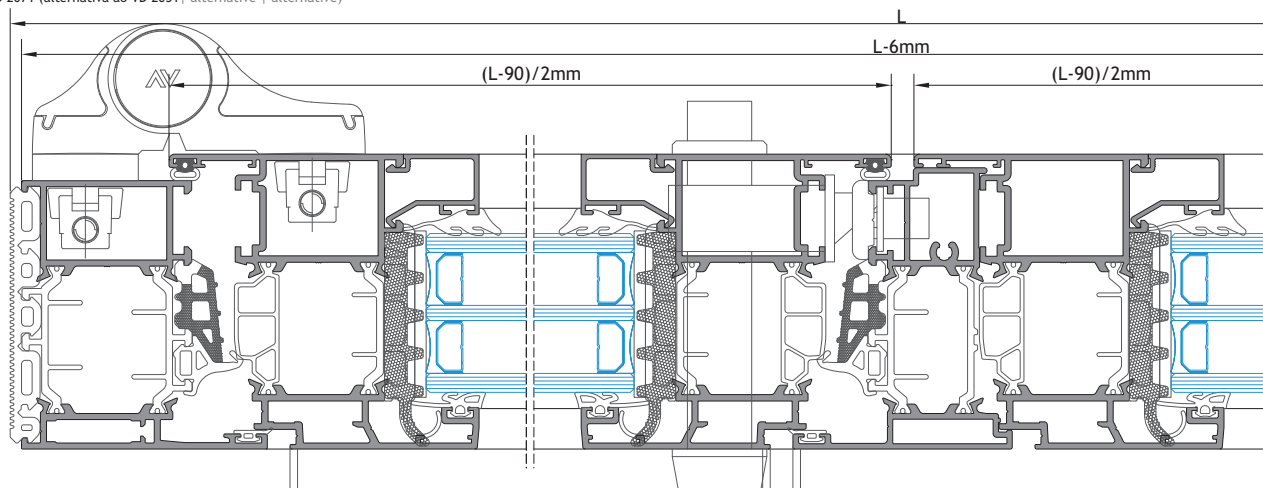
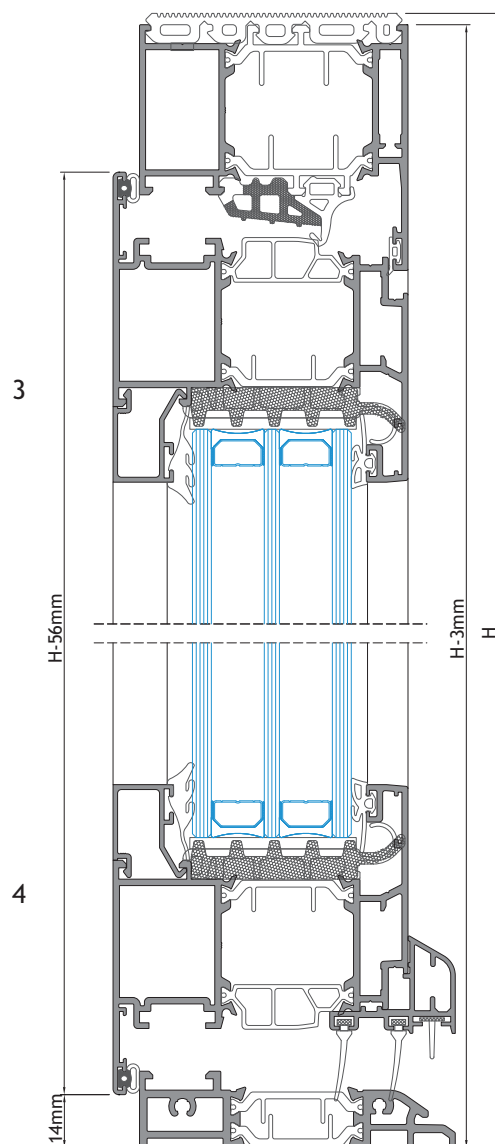
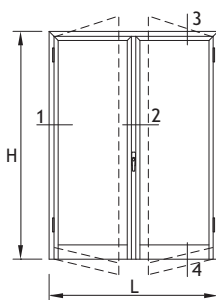
PORTE 2 VANTAUX - OUVERTURE VERS L'INTÉRIEUR

PERFIS PROFILES   PROFILS				
REFERÊNCIA REFERENCE REFERENCE	CORTE HORIZONTAL HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERTICAL VERTICAL DETAIL DÉTAIL VERTICALE	QUANTIDADE QUANTITY QUANTITÉ	CORTE CUT COUPÉ
ST-07	L-6	H-3	1+2	
ST-11	(L-91)/2	H-56	4+4	
ST-06	-	H-126	1	
ST-49	L-86	-	1	
IT-32	[(L-220)/2+65] (L-220)/2	-	1+1	
-	(L-339)/2	H-220	4+4	

ACESSÓRIOS ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
213246	CANTO CR S/5B   ANGLE   COIN	8
204139	ESQUADRO IT/ST Nº3 16-1931-C   BLOCKING BRACKET   ÉQUERRE	2
204143	ESQUADRO IT/ST Nº6 18-2530-140   BLOCKING BRACKET   ÉQUERRE	8
213309	CANTO CR 0182   ANGLE   COIN	2
204151	ESQUADRO 18-0525-C   BLOCKING BRACKET   ÉQUERRE	8
202010	DOBRADIÇA MECHANICA 1145/60   HINGE   PAUMELLE	4
223100	KIT FIXAÇÃO 1145.705   FIXATION KIT   KIT FIXATION	4
218170	CALÇO 1145.703/7   SHIM   CALE	4
201033	FECHADURA 7797x30   LOCKER   SERRURE	1
230502	SEGRED0 70/30   CYLINDER LOCK   CYLINDRE DE SERRURE	1
220008	ESPELHO P/SEGRED0 5100   CYLINDER BACK PLATE   COUVERCLE DE CYLINDRE	1
200747	PUXADOR DUPLO 874.31   HANDLE   POIGNÉE	1
227301	QUADRA AÇO 8X140   STEEL SQUARE SHAFT   BARRE SECTION CARRÉE	1
280220	TESTA FECHADURA PRUMO 2000   STRICKING PLATE   GÂCHE	1
212346	CONJUNTO TAPA-TOPOS SA32   END-CAP KIT   KIT DE EMBOUTE	2
218126	CALÇOS P/VIDRO 5/ST   GLAZING SHIM   CALE P/VITRAGE	8
212069	CONJ. TOPO INVERSOR ST   END-CAP KIT   EMBOUTS	1
225155	PASSADOR REVERSÍVEL 1550   2ND LEAF LOCKER   FERMETURE POUR 2ÈME VANTAIL	2
221154	HASTE-FECHO 1550.801   EXTENSION ROD   HAMPE D'EXTENSION	1
202077	CONTRA-FECHO 1404   COUNTER-LOCK   CONTRE-FERMETURE	2

VEDANTES SEALANTS   JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
208185	VD 2089	L+2H
208008	VD 2051 (1)	2L+3H
208183	VD 2267	L+3H
208184	VD 2412 (opcional   optional   optionnel)	L+3H
208289	VD 2055	2L+4H
VARIÁVEL VARIABLE	JUNTA INTERIOR   GLAZING WEDGE GASKET   JOINT INTÉRIEUR	2L+4H
208294	VR 3180	2L
208246	VD 1140	L
213015	CANTO VULCANIZADO 2267.1   CORNER JOINT   JOINT VULCANISÉ	2
208182	VD 2090	2L+4H

(1) VD 2071 (alternativa ao VD 2051 | alternative | alternative)



# PORTA DE 1 FOLHA - ABERTURA PARA EXTERIOR

1 LEAF DOOR - OUTWARD OPENING

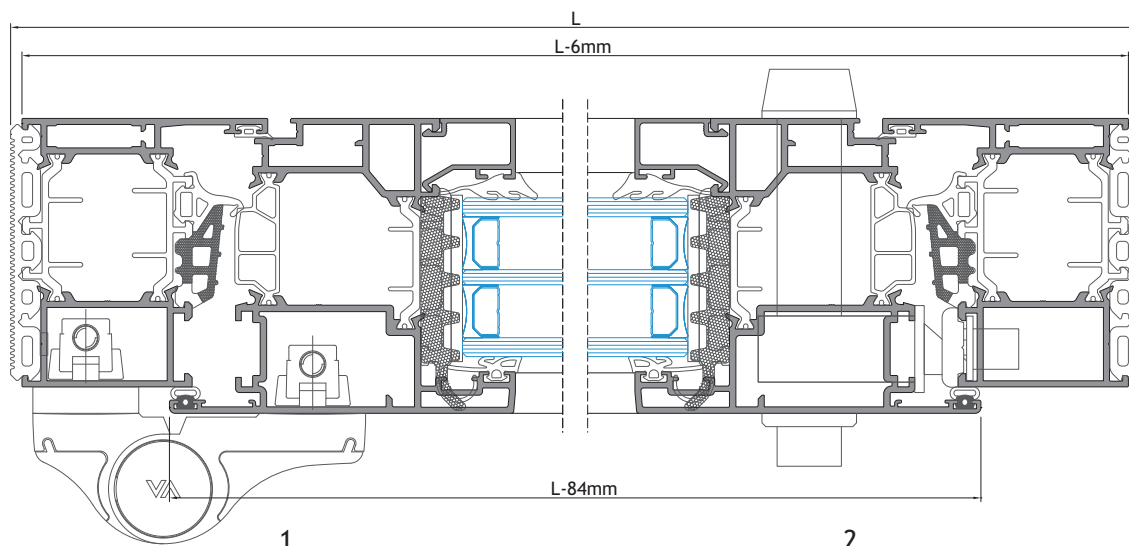
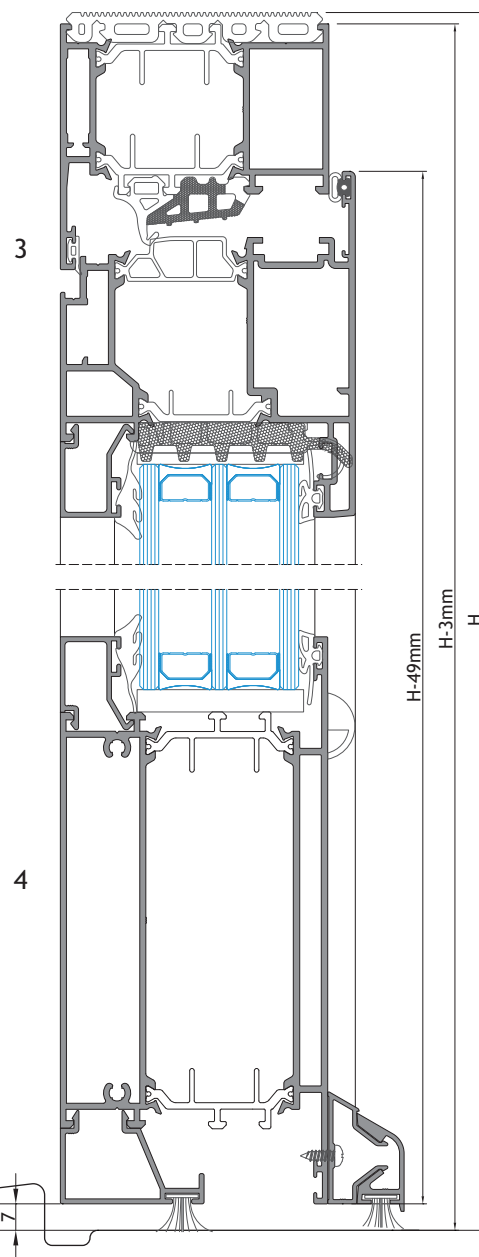
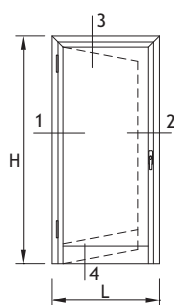
PORTE 1 VANTAIL - OUVERTURE VERS L'EXTÉRIEUR

PERFIS PROFILES   PROFILS				
REFERÊNCIA REFERENCE REFERENCE	CORTE HORIZONTAL HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERTICAL VERTICAL DETAIL DÉTAIL VERTICALE	QUANTIDADE QUANTITY QUANTITÉ	CORTE CUT COUPÉ
ST-07	L-6	H-3	1+2	
ST-12	L-84	H-49	2+2	
ST-14	L-217	-	1	
AT-59	L-227	-	1	
SA-31	L-264	-	1	
SA-32	L-84	-	1	
-	L-227	H-290	2+2	

ACESSÓRIOS ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
213246	CANTO CR S/SB   ANGLE   COIN	2
204139	ESQUADRO IT/ST Nº3 16-1931-C   BLOCKING BRACKET   ÉQUERRE	2
204730	ESQUADRO AT E. G.   BLOCKING BRACKET   ÉQUERRE	2
213309	CANTO CR 0182   ANGLE   COIN	2
204151	ESQUADRO 18-0525-C   BLOCKING BRACKET   ÉQUERRE	2
202010	DOBRADIÇA MECANICA 1145/60   HINGE   PAUMELLE	2
223100	KIT FIXAÇÃO 1145.705   FIXATION KIT   KIT FIXATION	2
218170	CALÇO 1145.703/7   SHIM   CALE	2
201033	FECHADURA 7797x30   LOCKER   SERRURE	1
230502	SEGREDO 70/30   CYLINDER LOCK   CYLINDRE DE SERRURE	1
220008	ESPELHO P/SEGREDO 5100   CYLINDER BACK PLATE   COUVERCLE DE CYLINDRE	1
200747	PUXADOR DUPLO 874.31   HANDLE   POIGNÉE	1
227301	QUADRA AÇO 8X140   STEEL SQUARE SHAFT   BARRE SECTION CARRÉE	1
280220	TESTA FECHADURA PRUMO 2000   STRICKING PLATE   GÂCHE	1
212346	CONJUNTO TAPA-TOPOS SA32   END-CAP KIT   KIT DE EMBOUTE	1
218126	CALÇOS P/VIDRO S/ST   GLAZING SHIM   CALE P/VITRAGE	4
225155	PASSADOR REVERSÍVEL 1550   2ND LEAF LOCKER   FERMETURE POUR 2ÈME VANTAIL	2
221154	HASTE-FECHO 1550.801   EXTENSION ROD   HAMPE D'EXTENSION	1
202077	CONTRA-FECHO 1404   COUNTER-LOCK   CONTRE-FERMETURE	1
211103	PONTO-FECHO PAVIMENTO 1409/8   FLOOR KEEPER   POINT DE CLÔTURE	1

VEDANTES SEALANTS   JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
208185	VD 2089	L+2H
208008	VD 2051 (1)	L+2H
208183	VD 2267	L+2H
208184	VD 2412 (opcional   optional   optionnel)	L+2H
208289	VD 2055	2L+2H
VARIÁVEL VARIABLE	JUNTA INTERIOR   GLAZING WEDGE GASKET   JOINT INTÉRIEUR	2L+2H
208464	PELÚCIA 8.5x12 STOP-FIN   PLUSH   JOINT BROUSSE	2L
213015	CANTO VULCANIZADO 2267.1   CORNER JOINT   JOINT VULCANISÉ	2
208182	VD 2090	2L+2H

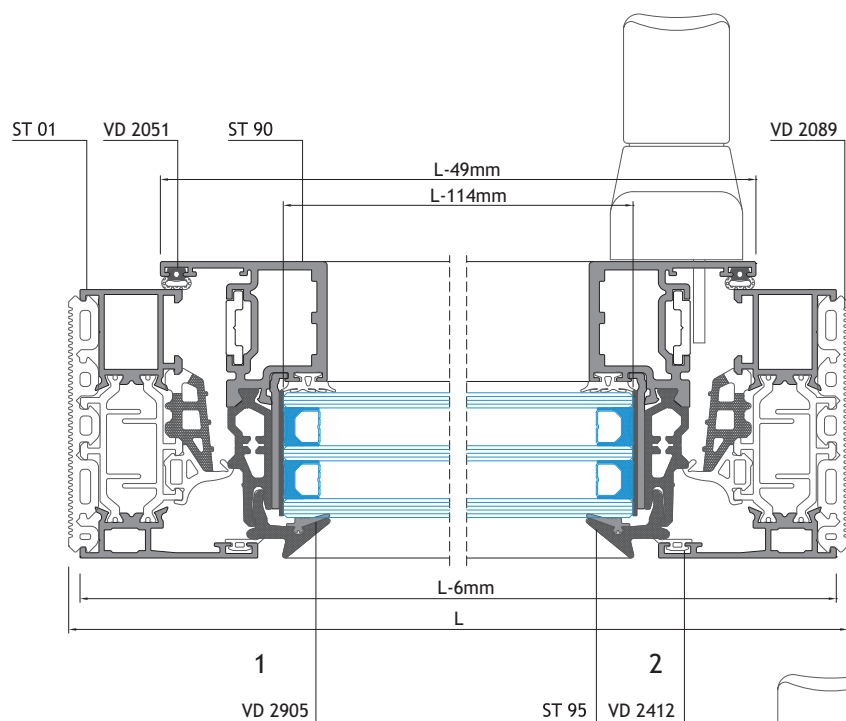
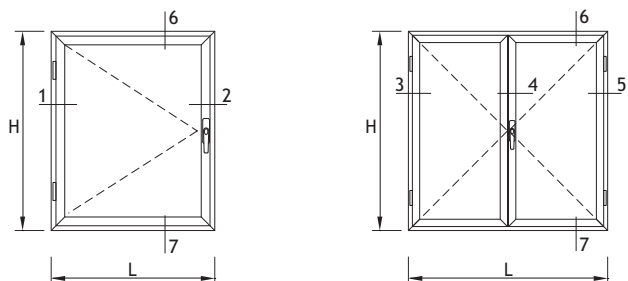
(1) 208143 VD 2071 (alternativa ao VD 2051 | alternative | alternative)



# JANELA DE BATENTE - LINHA OCULTA

CASEMENT WINDOW - CONCEALED LINE

FENÊTRE À LA FRANÇAISE - LIGNE OUVRANT CACHÉ



VD 2089

ST 01

VD 2051

VD 2267

ST 90

VD 2055

CALÇO 99x33x1mm

SHIM 99x33x1mm

CALE 99x33x1mm

SUPORTE VIDRO ST  
GLAZING SUPPORT ST  
SUPPORT VERRE ST

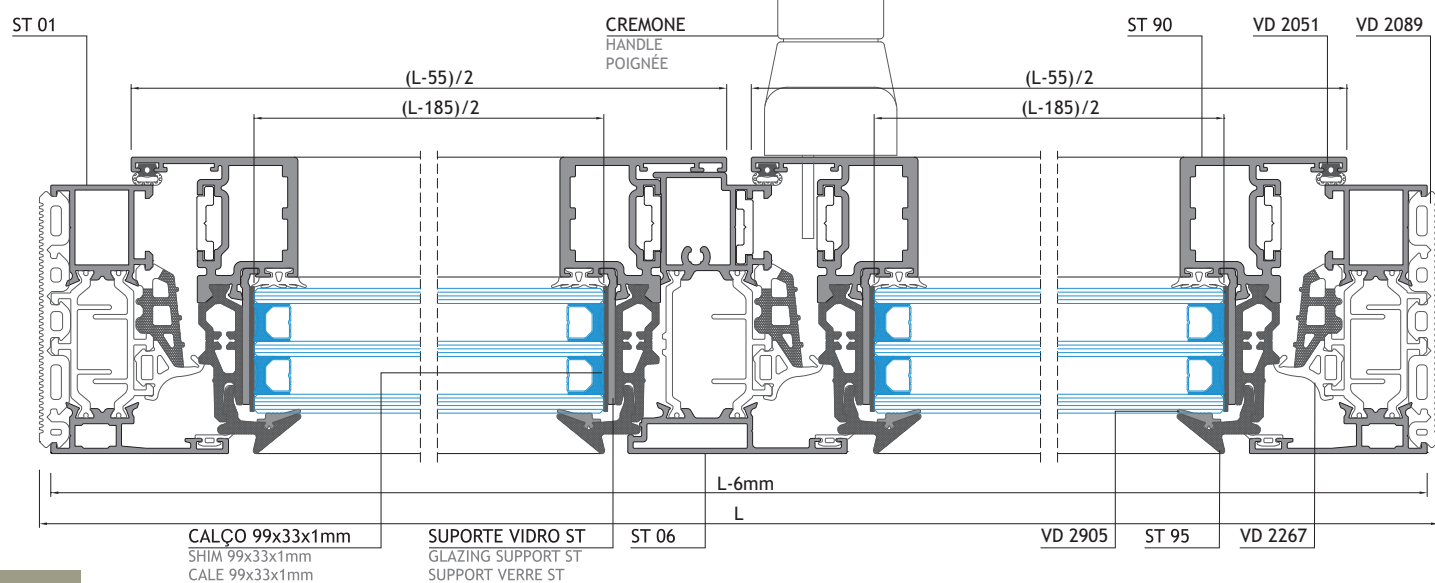
6

7

H-48mm  
H-113mm

H-6mm  
H

GOTEIRA  
DRIP  
GOUTTIÈRE



CALÇO 99x33x1mm  
SHIM 99x33x1mm  
CALE 99x33x1mm

SUPORTE VIDRO ST  
GLAZING SUPPORT ST  
SUPPORT VERRE ST

ST 06

VD 2051

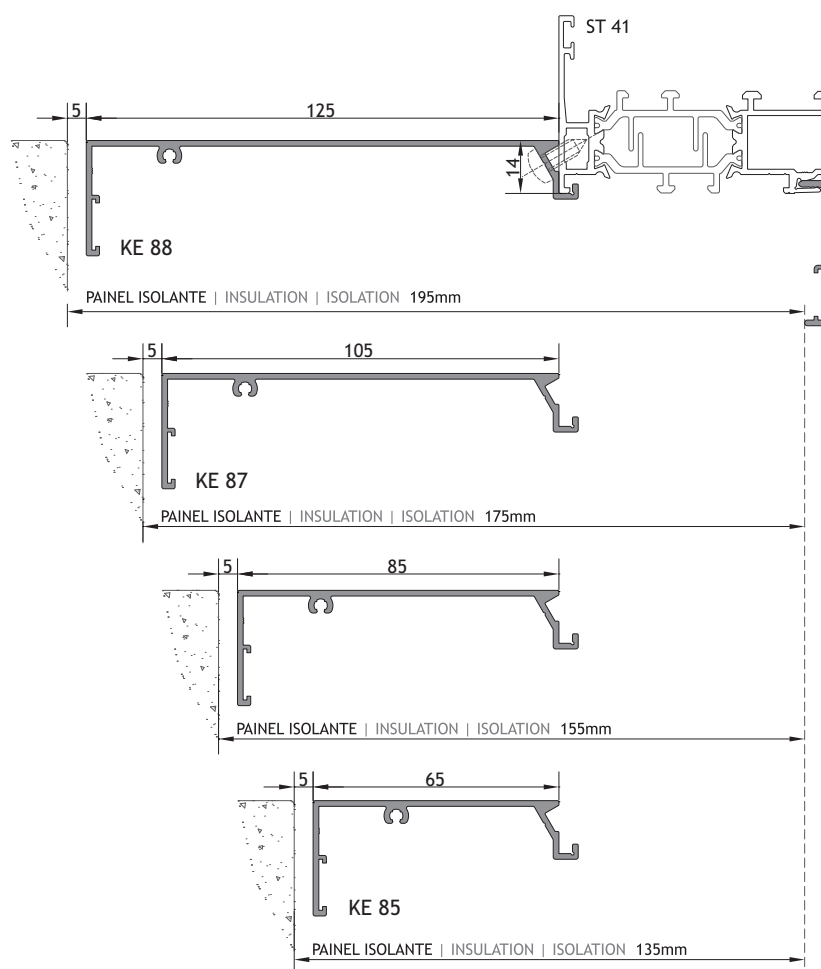
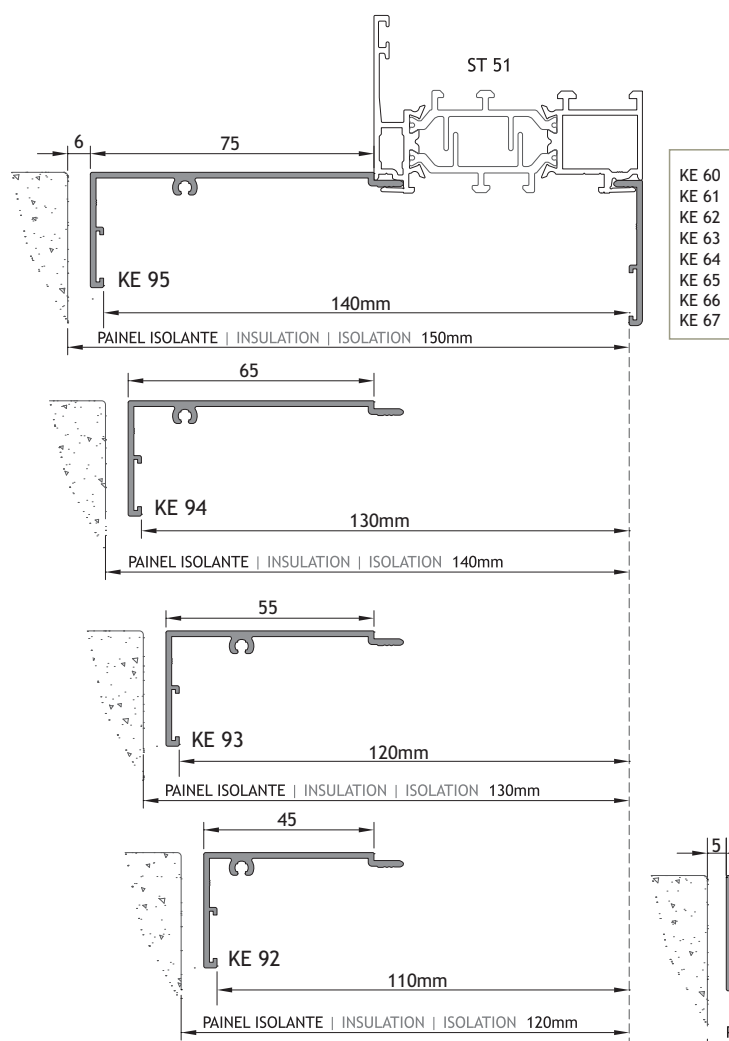
ST 95

VD 2267

## LINHA RENOVATIO

LINE RENOVATIO

LIGNE RENOVATIO



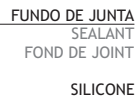
ESC: 1/2

LIGNE *RENOVATION* - PANNEAU DE 140mm

Poids maximum de verre autorisé: 35Kg/m<sup>2</sup>



**S** SUPORTE FIXAÇÃO 100 ou 120mm  
FIXING BRACKET 100 or 120mm  
SUPPORT DE FIXATION 100 ou 120mm







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E comercial@portalex.eu

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