

ST

sistema de batente de 71mm com corte térmico
71mm opening system with thermal break
système d'ouvrant de 71mm à rupture de pont thermique



Casa na Suécia | Realestelligence part of Investelligence Group

CATÁLOGO TÉCNICO

TECHNICAL CATALOGUE | CATALOGUE TECHNIQUE



SISTEMAS
EURO 2000®
PERFIS DE ALUMÍNIO E VIDROS PARA ARQUITECTURA



Edifício de habitação | Portugal

sistema de batente de 71mm com corte térmico
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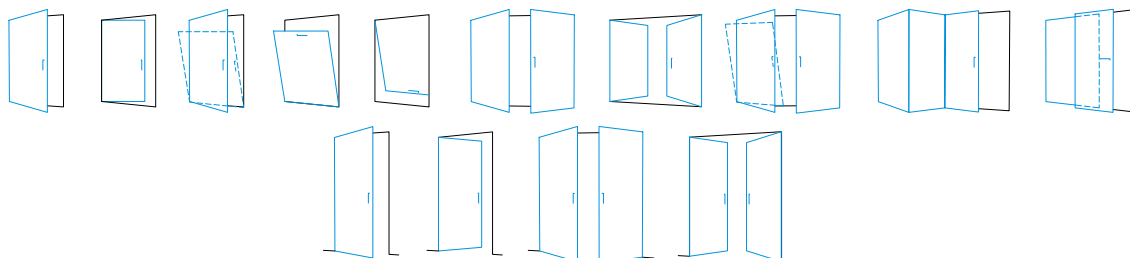


O sistema ST foi projetado para responder às necessidades de grande conforto. A combinação deste sistema com perfis termicamente melhorados com vidros seletivos duplos ou triplos proporciona altas prestações de isolamento térmico e/ou acústico, respondendo assim às maiores exigências da construção sustentável.

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 profilés 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-Ocultia
APRESENTAÇÃO PRESENTATION PRÉSENTATION	Reta Oval Straight Oval Droite Ovale	Reta Straight Droite
DIMENSÕES DIMENSIONS DIMENSIONS		
Aro fixo Fixed frame Cadre dormant	71mm 77mm	
Aro móvel Mobile frame Cadre ouvrant	78mm	70mm
BITES GLAZING BEADS PARCLOSES		
	Retos Redondos Straight Rounds Droites Arrondies	
ENCHIMENTO FILLING REMPLISSAGE	De 18 a 54mm (vidro duplo triplo) From 18 to 54mm (double triple glazing) De 18 à 54mm (double triple vitrage)	32mm (vidro duplo triplo) 32mm (double triple glazing) 32mm (double triple vitrage)
CANAL CHANNEL CHENAL	Câmara Europeia Canal 16 European Chamber Channel 16 Chambre Européenne Chenal 16	Câmara Europeia European Chamber Chambre Européenne
CORTES CUTS COUPES	45° 90°	
UNIÕES UNIONS UNIONS	Exteriores: várias dimensões Interiores: Esquadros de bloqueio e uniões de travessa Outer: several dimensions Inner: blocking brackets and transoms unions Extérieures: diverses dimensions Intérieur: Équerres de verrouillage et unions des traverses	
POLIAMIDA POLYAMIDE POLIAMYDE	Aro fixo: 24mm Aro móvel: 20mm Fixed frame Mobile frame Cadre dormant Cadre ouvrant	
PESO MÁXIMO MAXIMUM WEIGHT POIDS MAXIMALE	Janela de batente (int./ext. 1 2 folhas) - 150Kg/folha leaf vantail Casement (in/out 1 2 leaves) Fenêtre à la Française (int./ext. 1 2 vantaux) Porta (int./ext. 1 2 folhas) - 180Kg/folha leaf vantail Door (in/out 1 2 leaves) Porte (int./ext. 1 2 vantaux) Oscilo-batente (1 2 folhas) - 150Kg/folha leaf vantail Tilt-and-turn (1 2 leaves) Oscillo-battant (1 2 vantaux) Oscilo-paralela - 160Kg/folha leaf vantail Tilt and slide Oscillo-coulissant Projetante - 120Kg/folha leaf vantail Awning à l'Italienne Basculante - 70Kg/folha leaf vantail Hopper à Soufflet Harmónio - 80Kg/folha leaf vantail Fold Repliable	Janela de batente 1 2 folhas - 130Kg/folha leaf vantail Casement 1 leaf Fenêtre à la Française 1 vantail Porta 1 2 folhas - 130Kg/folha leaf vantail Door 1 2 leaves Porte 1 2 vantaux Oscilo-batente - 130Kg/folha leaf vantail Tilt-and-turn Oscillo-battant Basculante - 70Kg/folha leaf vantail Hopper à Soufflet
ACABAMENTOS FINISHES FINITIONS	Lacados Anodizados Bicolores Powder coated Anodised Bicolour Laqué Anodisé Bicolore	



Todas as medidas são consideradas em mm, salvo as devidamente identificadas

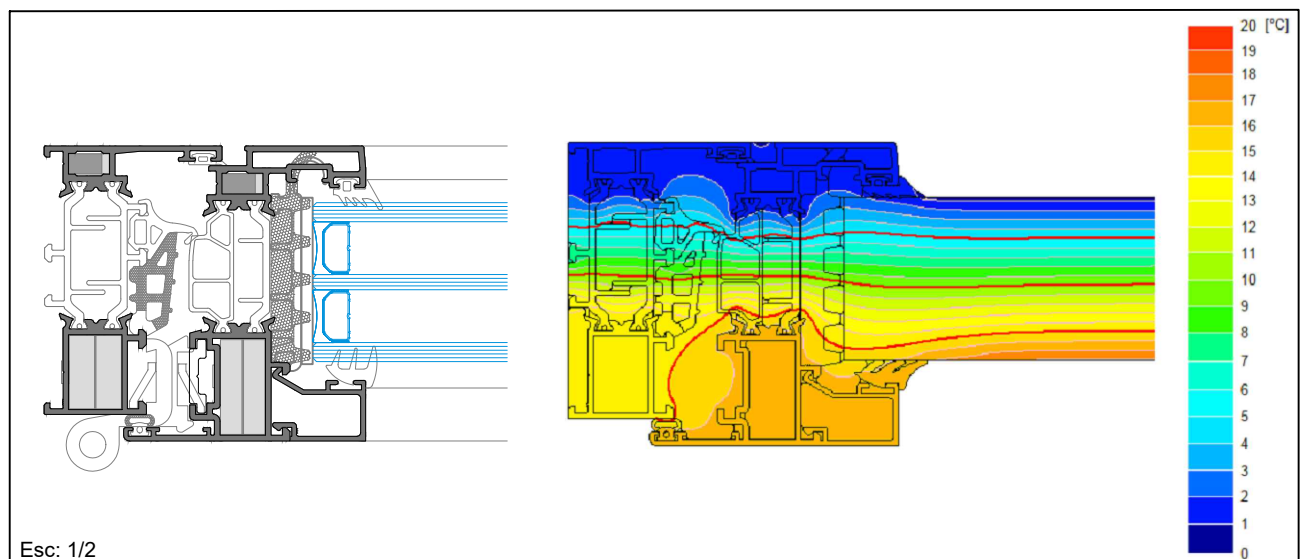
All measurements are considered in mm, except those duly identified

Toutes les mesures sont considérées en mm, sauf celles qui sont dûment identifiées

DESEMPENHO DO SISTEMA

system performance | performance du système

<p>Marcação CE CE MARKING Marquage CE NP EN 14351-1</p>	<p>Janela 2 folhas com 1,80 x 2,24 m (L x H) - Vidro: 5 + 14 + 4 + 14 + 5 (1 folha batente e 1 folha oscilo-batente) 2 leaves window 1,80x 2,24 m (W x H) - Glass: 5 + 14 + 4 + 14 + 5 (1 casement leaf and 1 tilt and turn leaf) Fenêtre 2 vantaux 1,80 x 2,24 m (L x H) - Verre: 5 + 14 + 4 + 14 + 5 (1 vantail battant et 1 vantail oscilo-battant)</p>
<p>Permeabilidade ao AR AIR Permeability Permeabilité à l'AIR EN 12 207:2000</p>	<p>4</p>
<p>Estanquidade à ÁGUA WATER Tightness Étanchéité à l'EAU EN 12 208:2000</p>	<p>E1350</p>
<p>Resistência ao VENTO WIND Resistance Résistance ao VENT EN 12 210:2000</p>	<p>C5</p>
<p>Coef. Transm. TÉRMICA THERMAL Transmittance Coef. Transm. THERMIQUE UNE-ISO 13947:2005</p>	<p>Uw = 0,99 W/m²K Vidro triplo com triple glazing with vitrage triple avec Ug = 0,50 W/m²K Janela de 2 folhas com 2 leaves window fenêtre 2 vantaux 1,6m x 2,10m ((LxH)</p> <p>Uw = 1,38 W/m²K Vidro duplo com double glazing with vitrage double avec Ug = 1,00 W/m²K Janela de 2 folhas com 2 leaves window fenêtre 2 vantaux 1,6m x 2,10m ((LxH)</p>
<p>Isolamento ACÚSTICO ACOUSTIC Insulation Isolation ACOUSTIQUE NP EN 14351-1:2008 - Anexo B</p>	<p>Rw = 38dB Rw (IGU) = 40dB, área ≤ 2,70m² area aire</p>

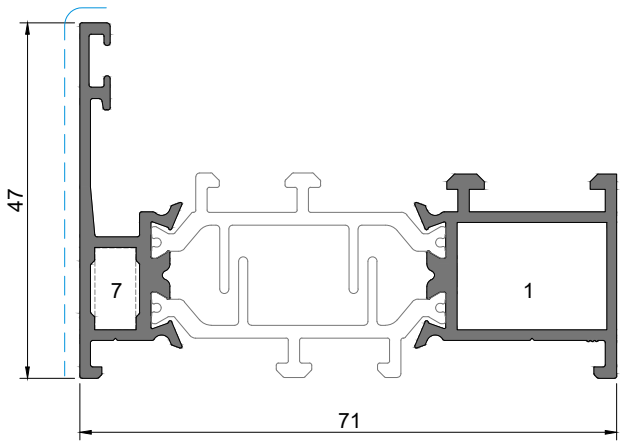


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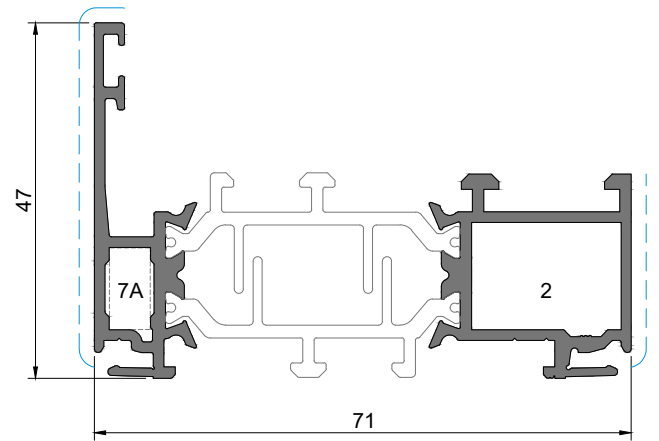
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LISTAGEM DE PERFIS
PROFILES LIST
LISTE DES PROFILÉS

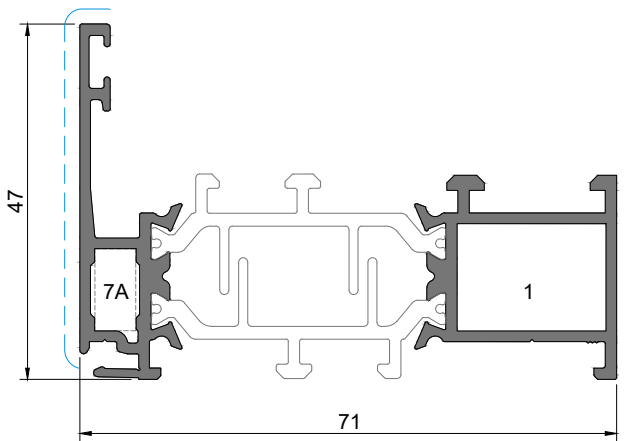




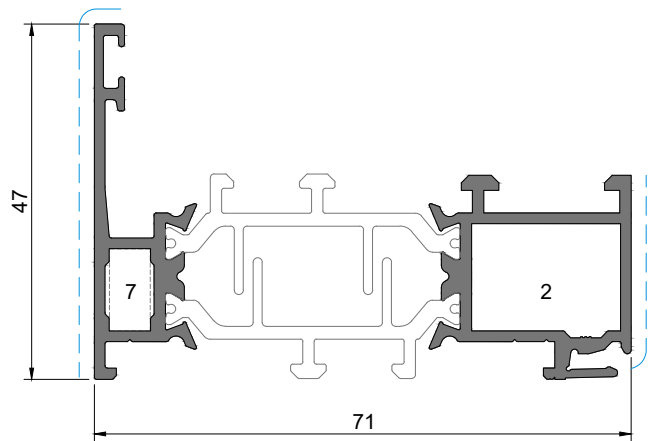
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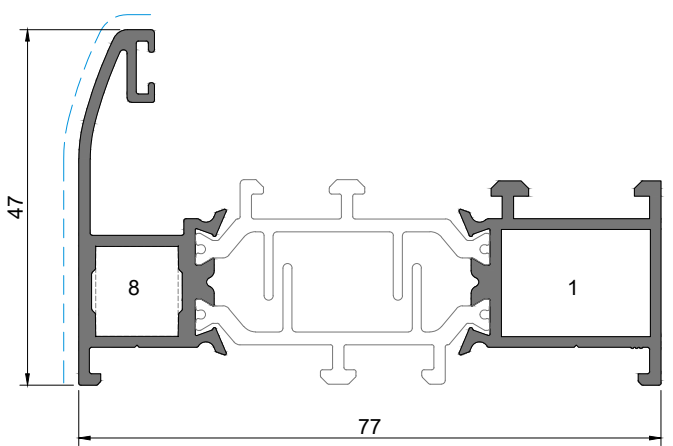
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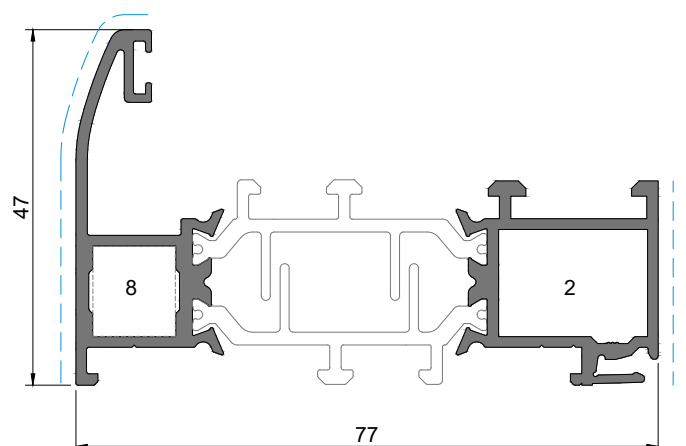
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ST 41



ST 38



ST 28

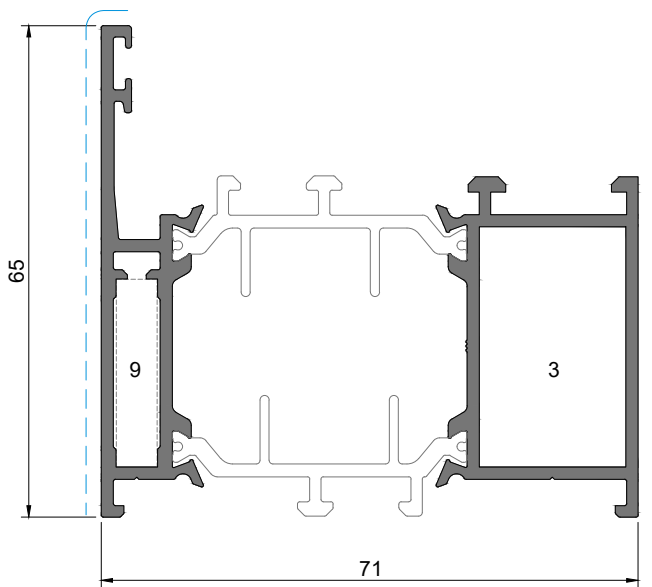
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15 - ESQUADRO 26-2537-140
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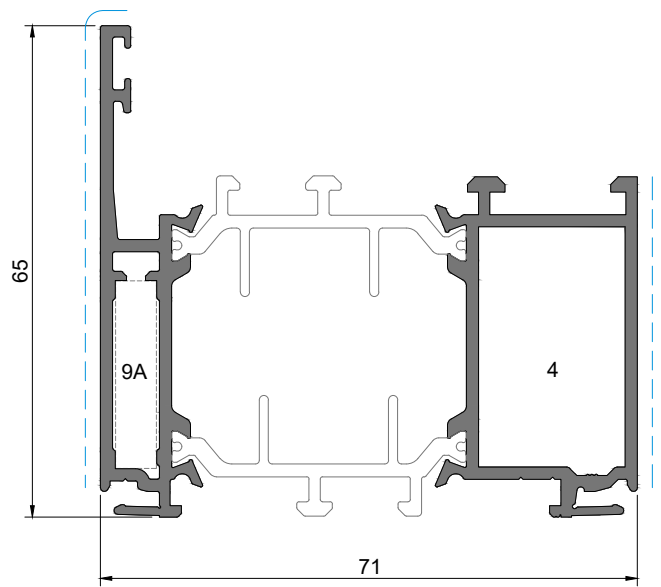
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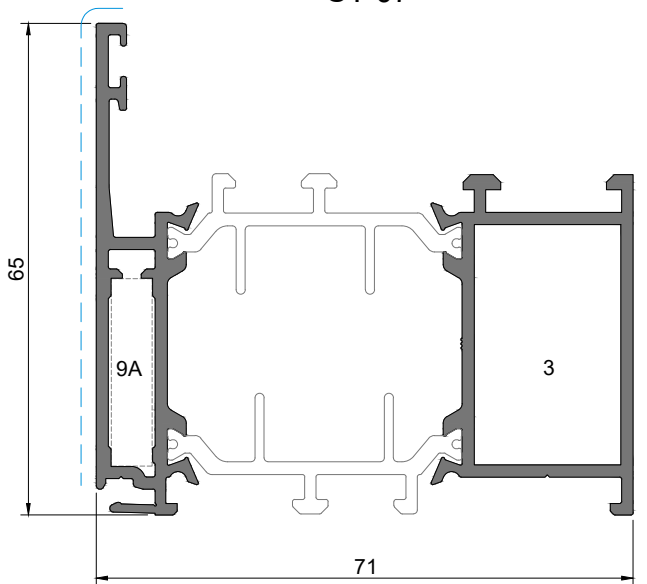
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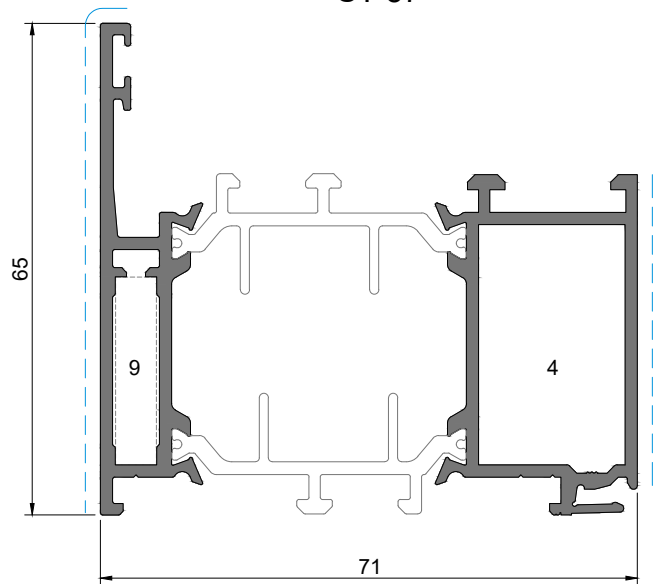
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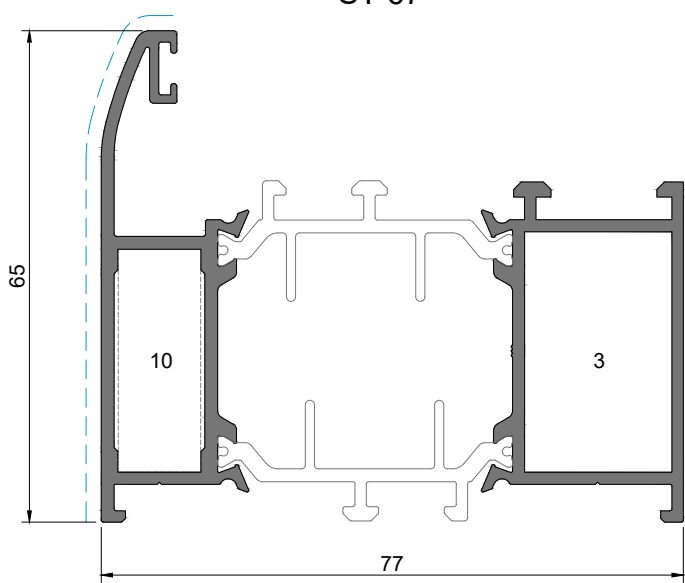
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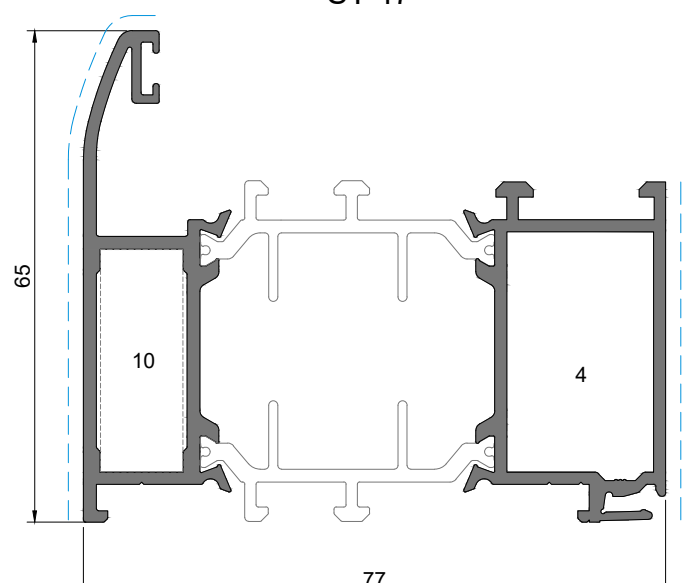
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ST 47



ST 56



ST 69

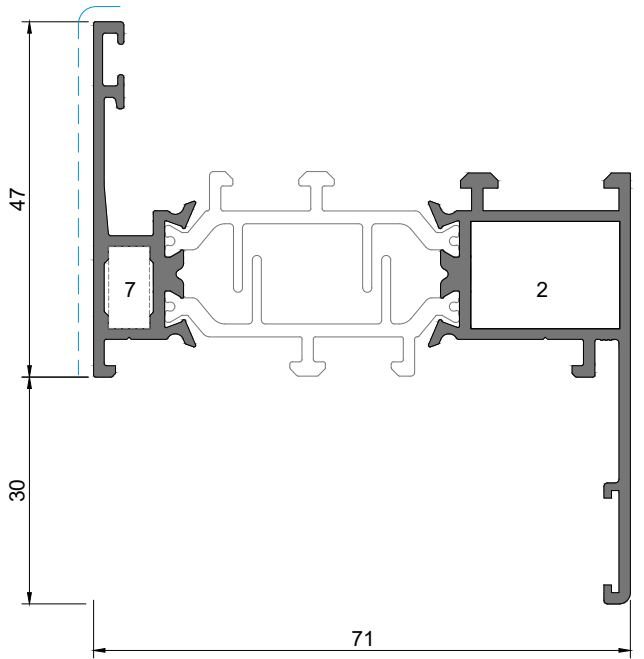
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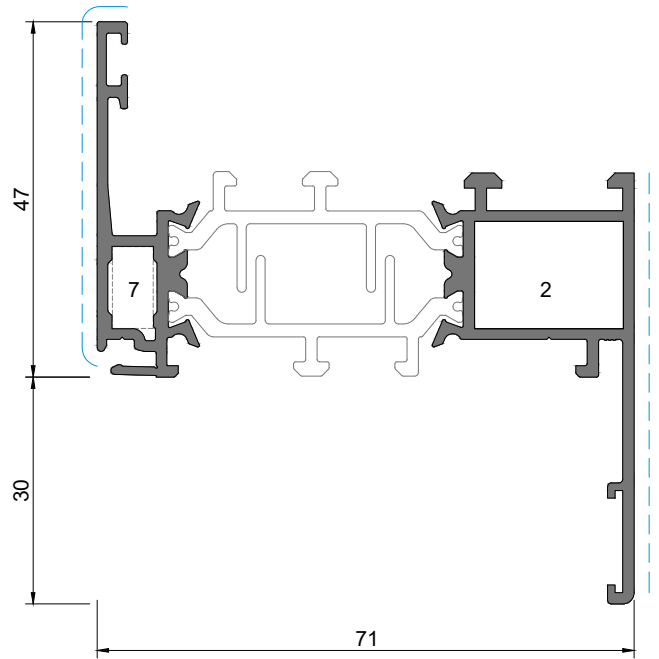
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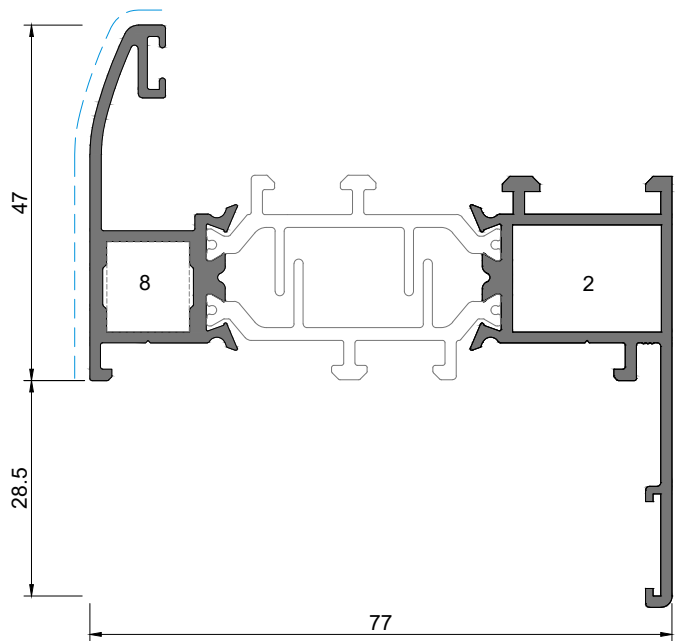
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ST 61



ST 21

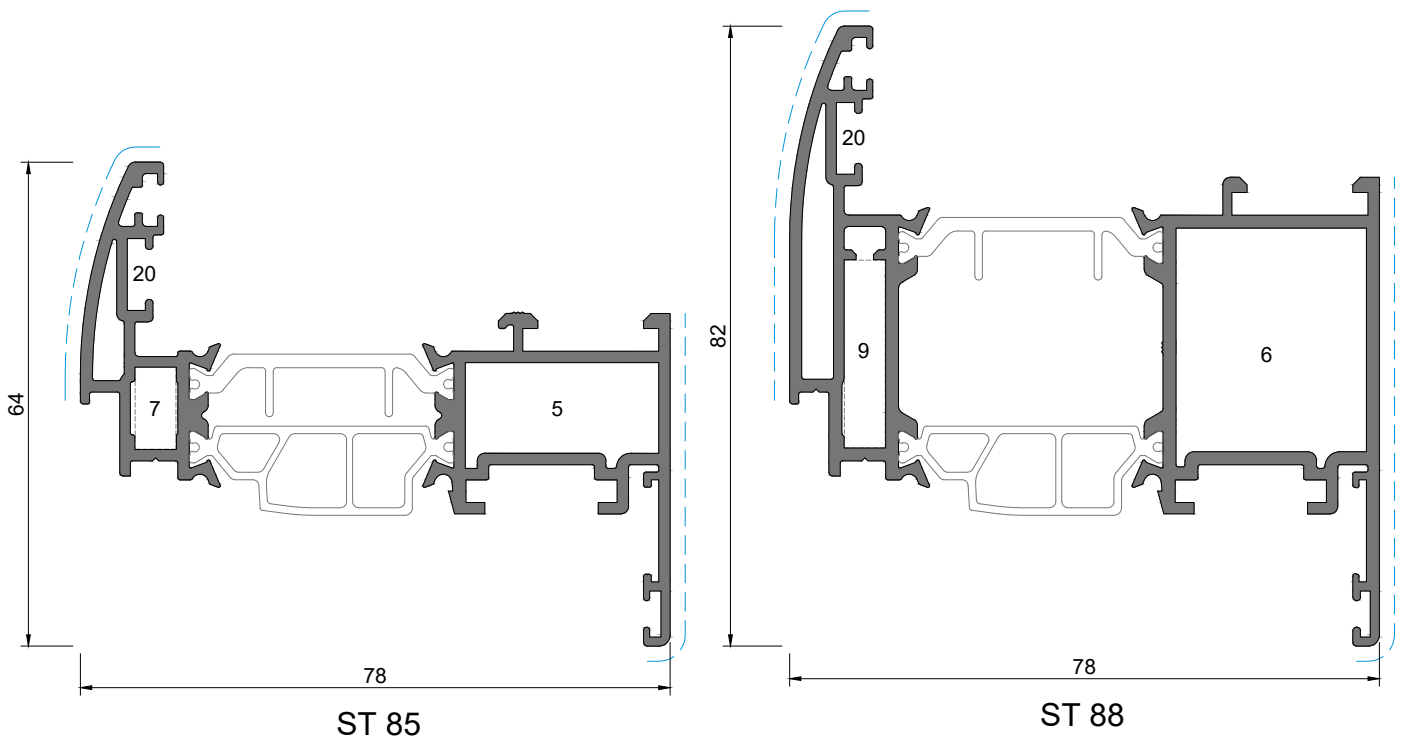
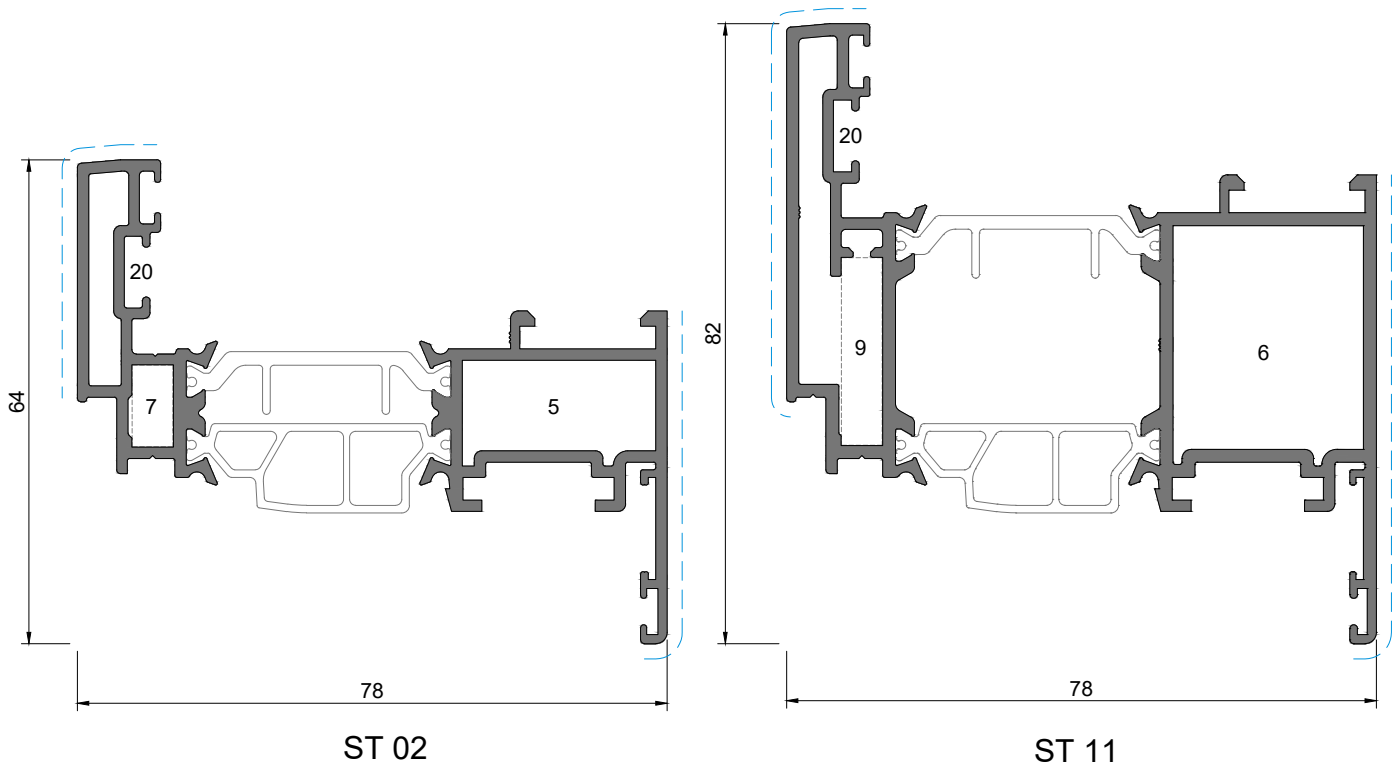
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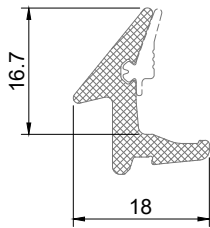
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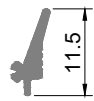
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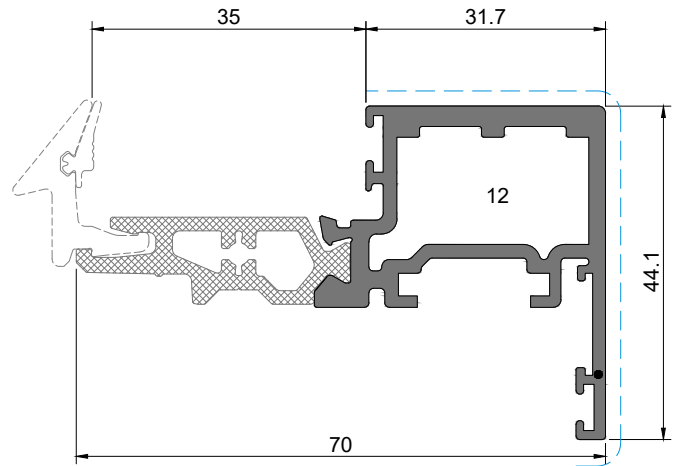
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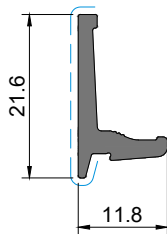
ST 95
Bite em poliamida
Glazing bead in polyamida
Parclose en polyamide



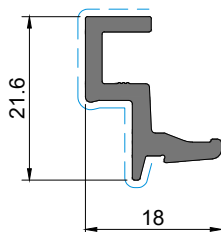
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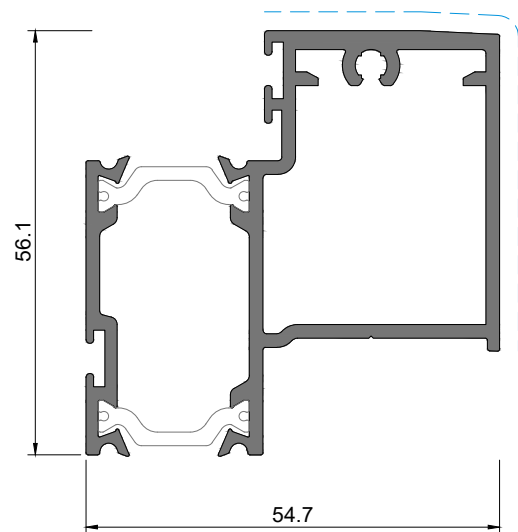
ST 90
Para ST Oculta
For Concealed ST | Pour ST Caché



ST 96
Apenas para janelas de 1 folha
For 1 leaf window only
Solement pour fenêtres à 1 vantail



ST 97
Apenas para janelas de 1 folha
For 1 leaf window only
Solement pour fenêtres à 1 vantail



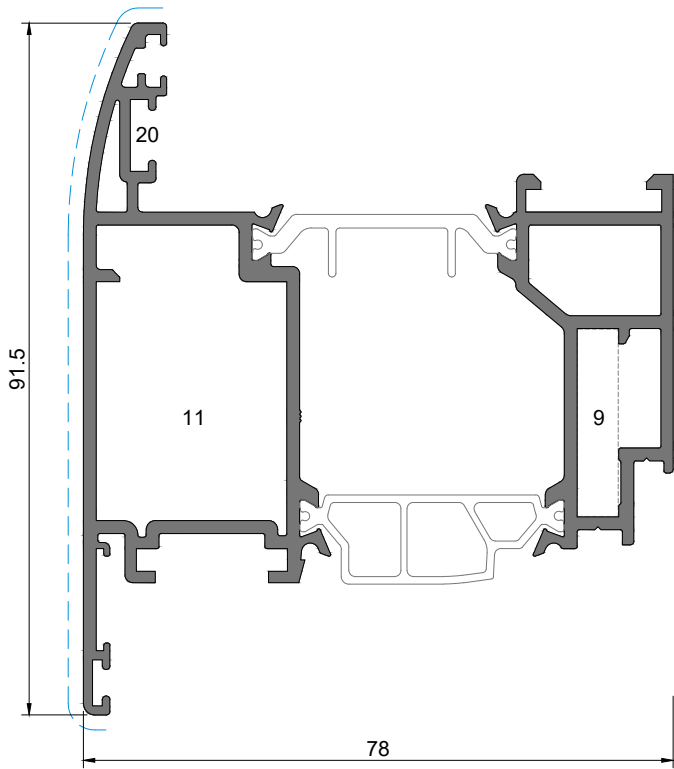
ST 91

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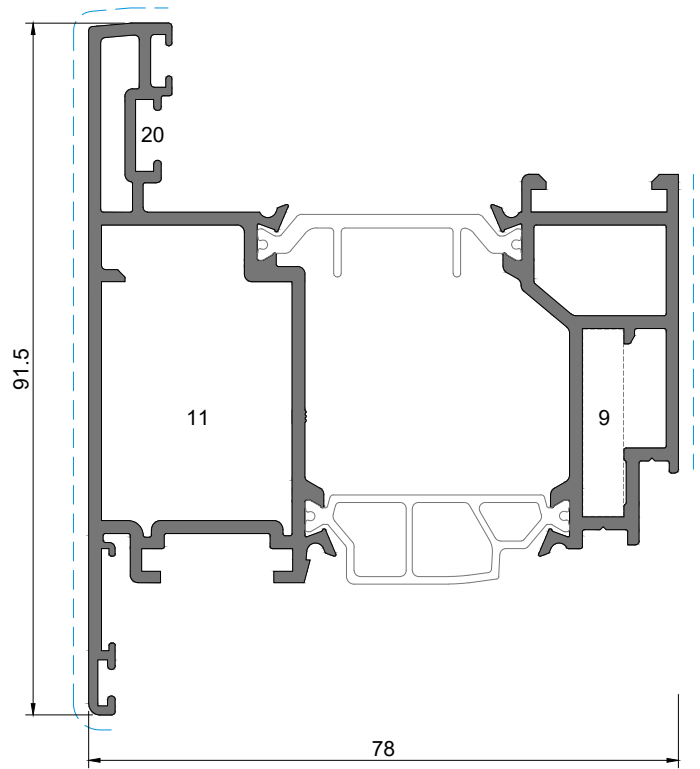
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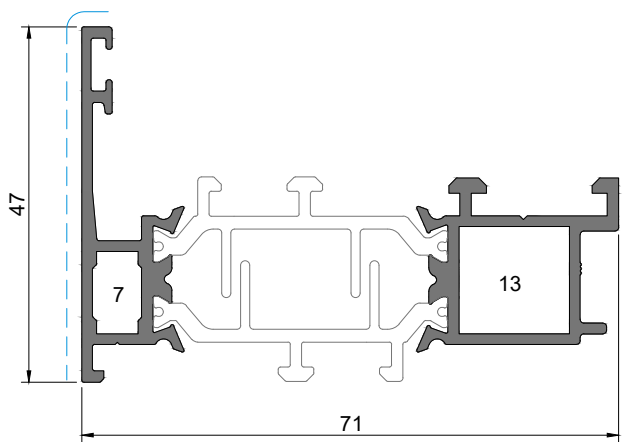
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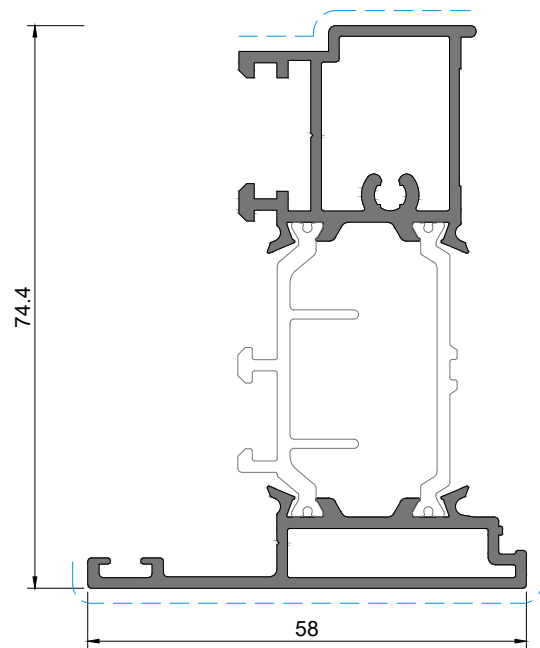
ST 09



ST 12



ST 83



ST 06

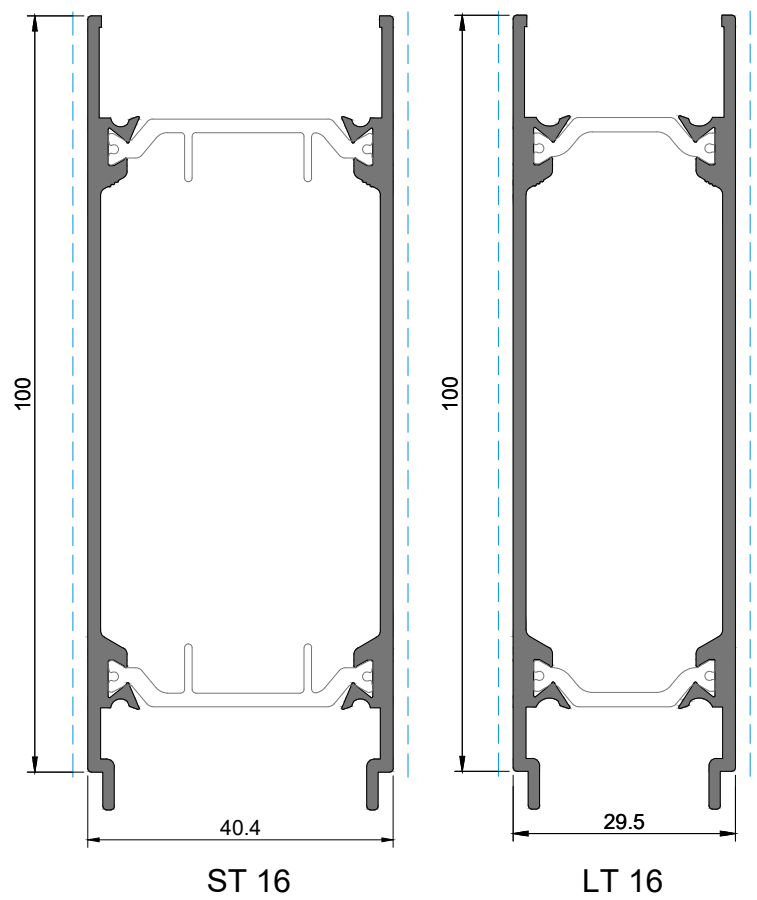
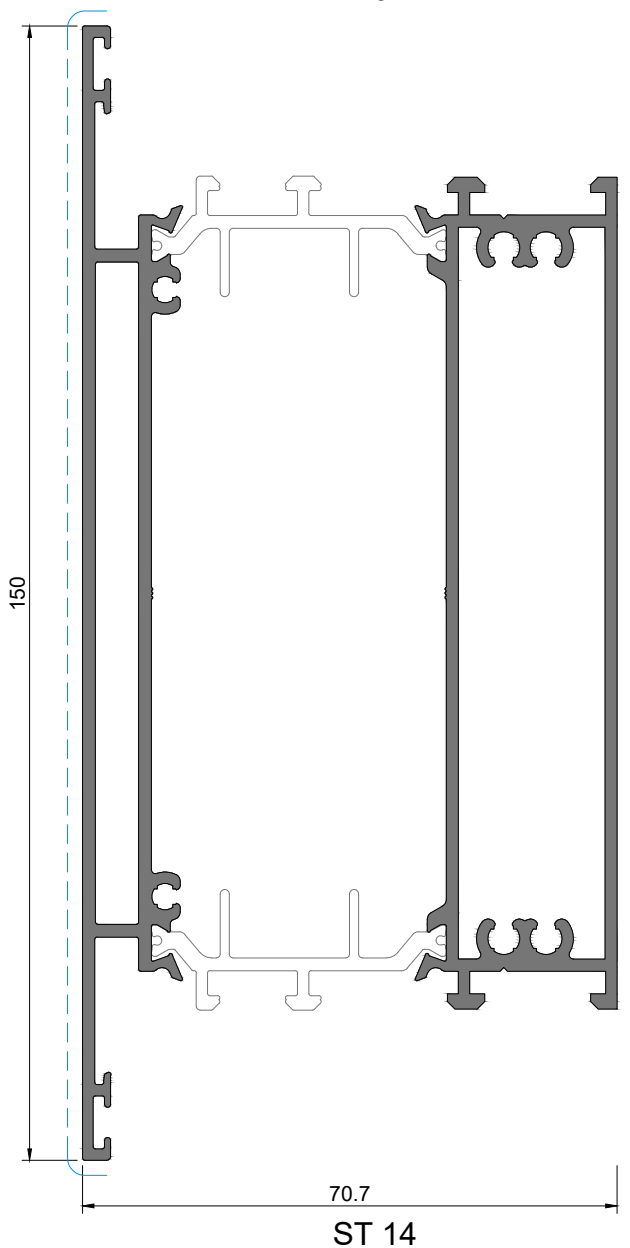
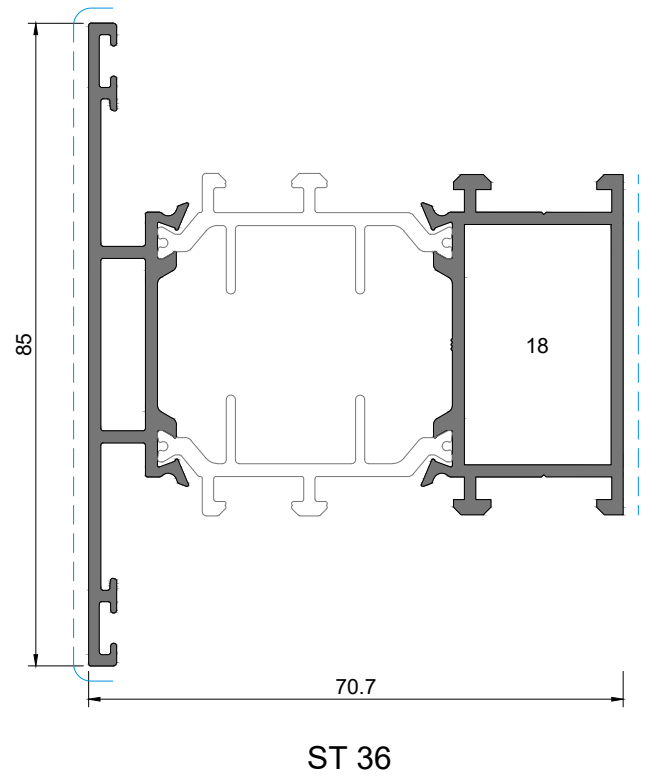
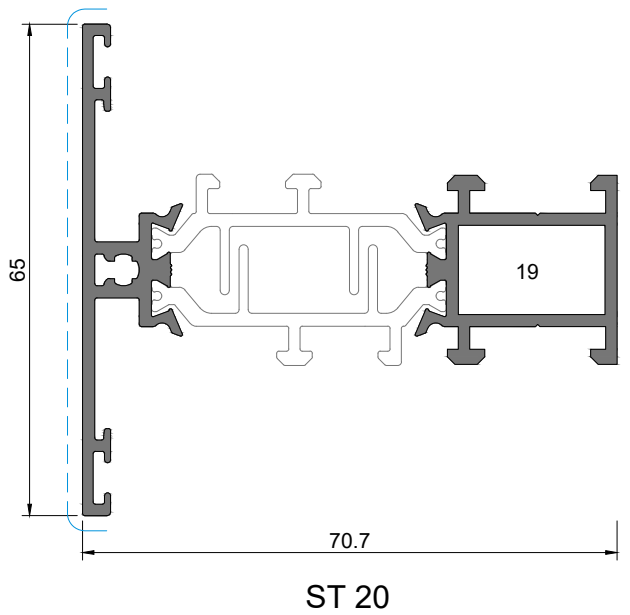
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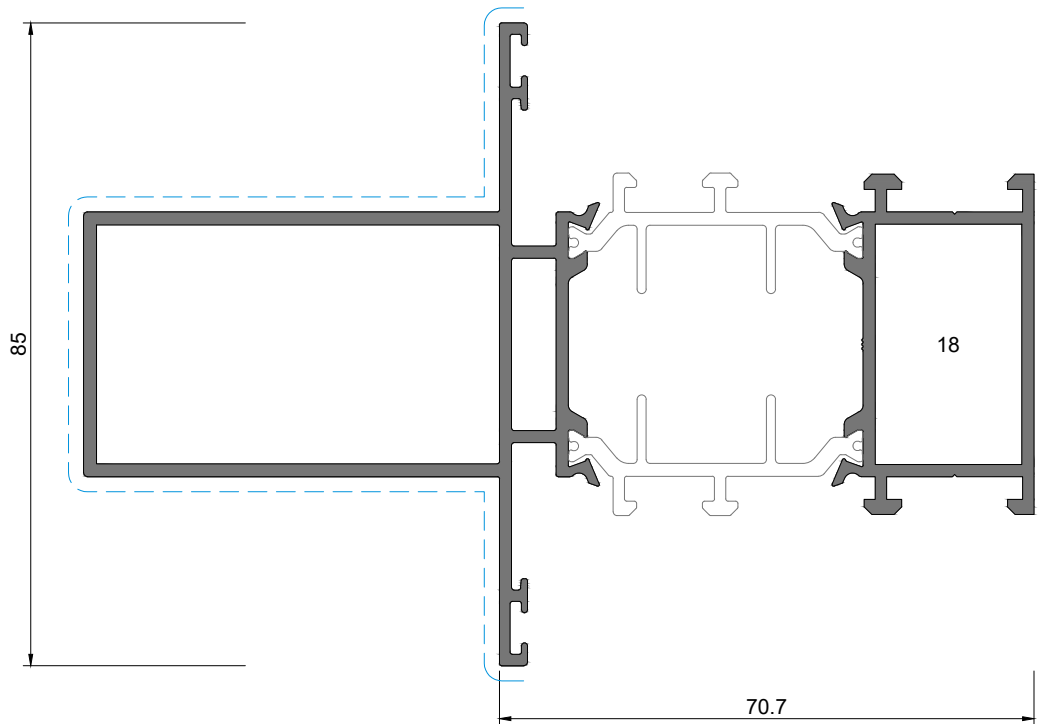
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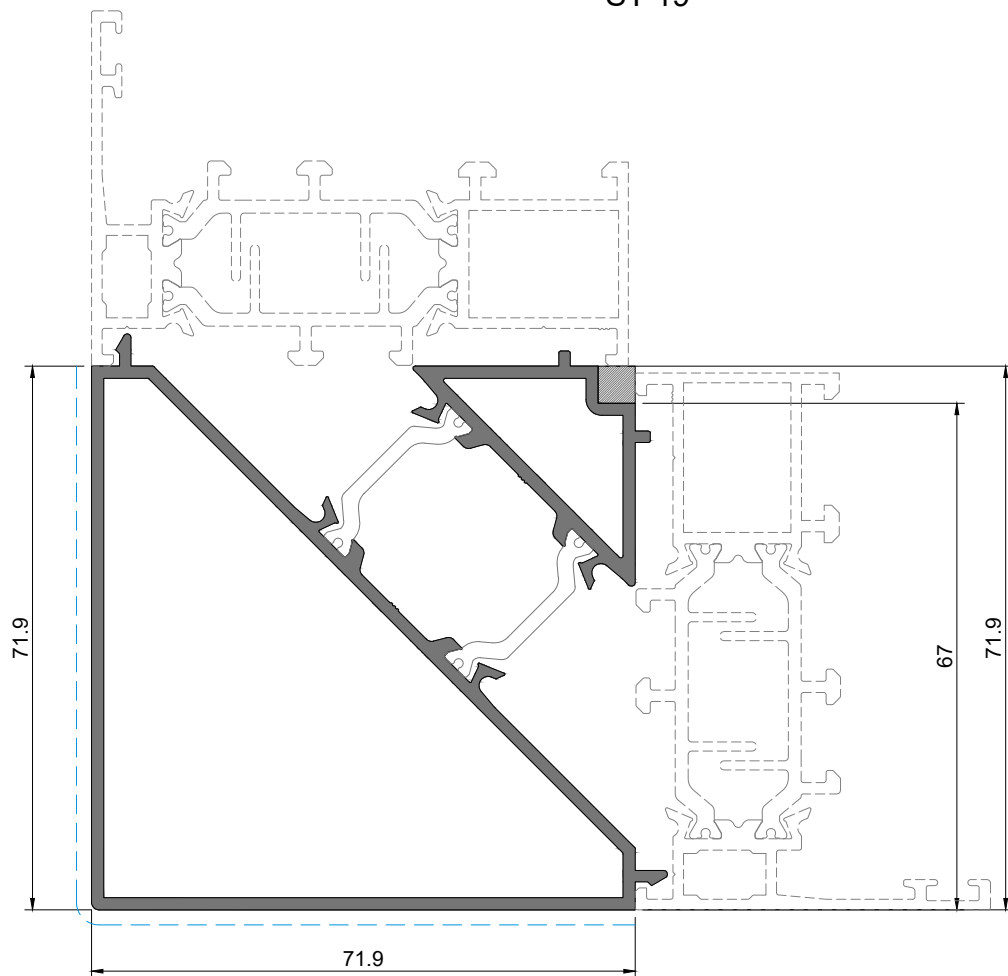
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ST 19



LT 55

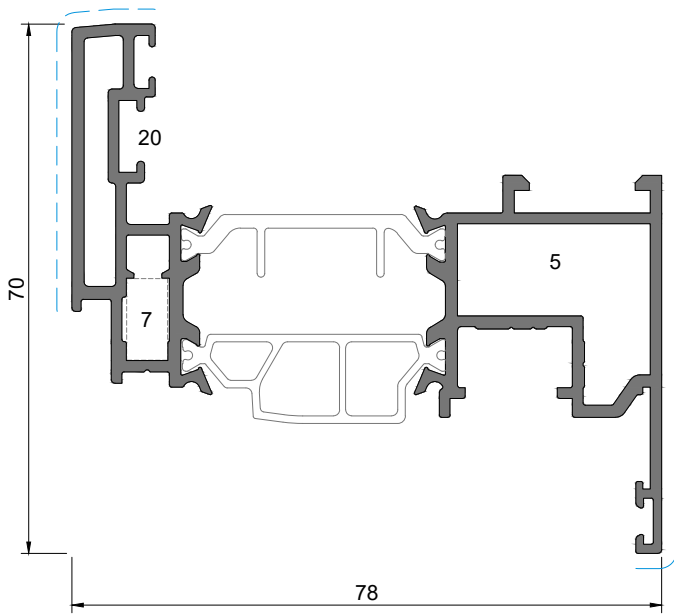
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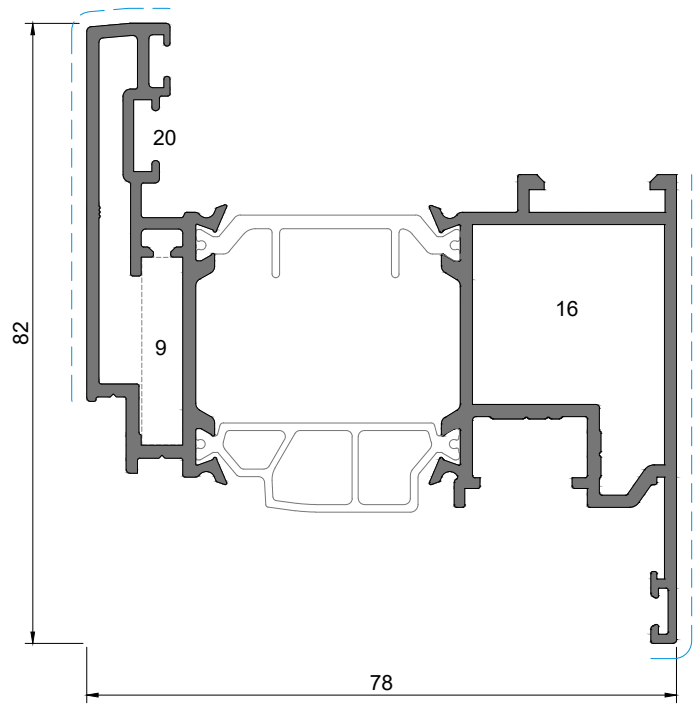
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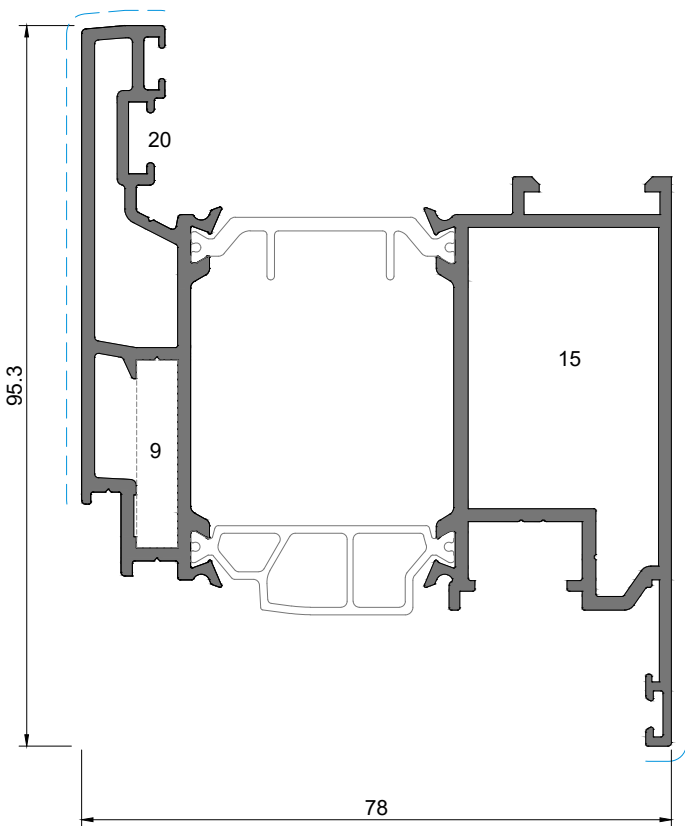
ST 04

(Canal 16 | Channel 16 | Chenal 16)



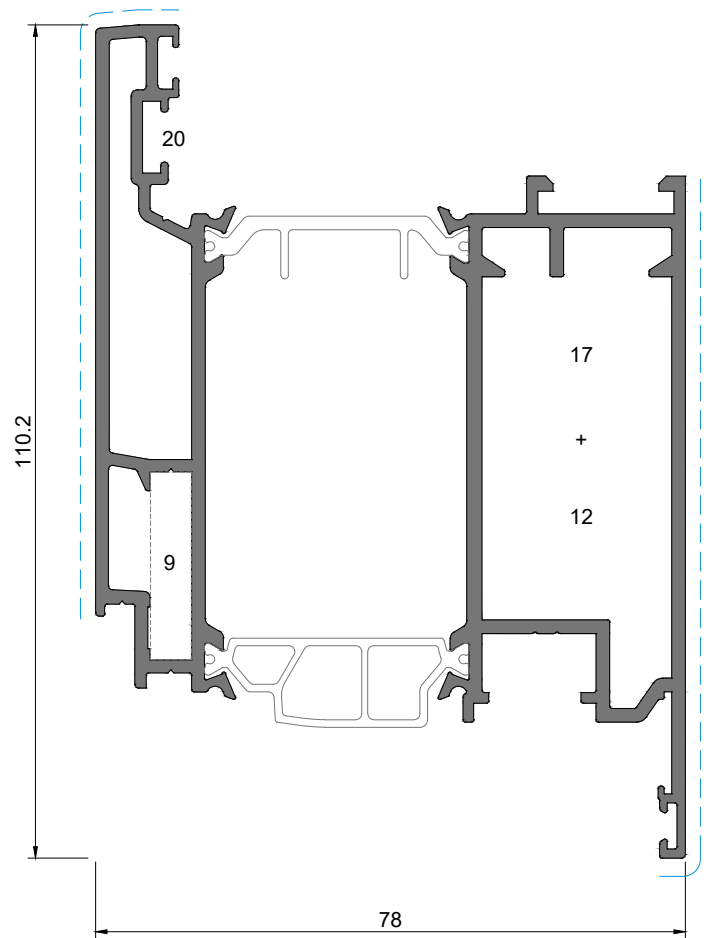
ST 05

(Canal 16 | Channel 16 | Chenal 16)



ST 48

(Canal 16 | Channel 16 | Chenal 16)



ST 66

(Canal 16 | Channel 16 | Chenal 16)

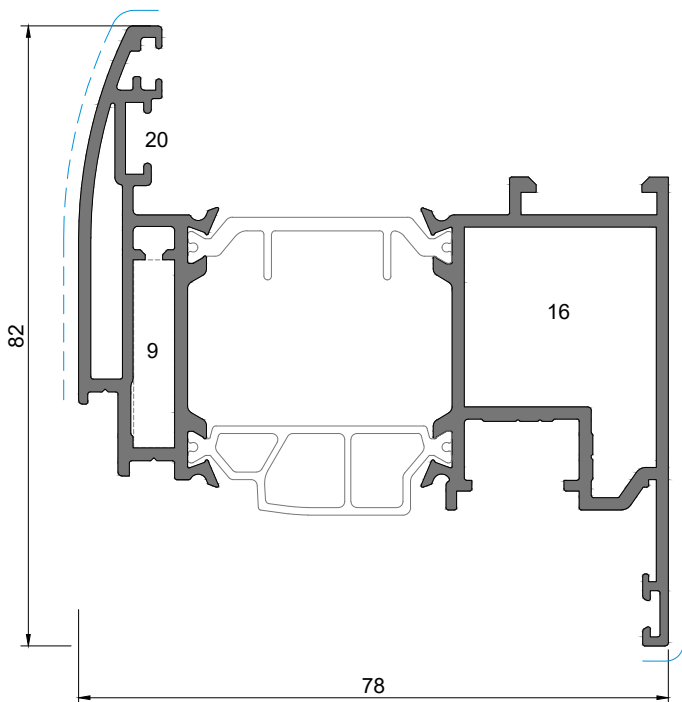
- 1 - ESQUADRO IT/ST Nº 1
- 6 - ESQUADRO IT/ST Nº 6
- 9A - CANTO CR 0182
- 14 - ESQUADRO 1108
- 18 - UNIÃO TRAVESSA SA 2001 G

- 2 - ESQUADRO IT/ST Nº 2
- 7 - ESQUADRO 18-0512-C
- 10 - ESQUADRO 18-1130-C
- 15 - ESQUADRO 26-2537-140
- 19 - UNIÃO TRAVESSA SA 2001 XP

- 3 - ESQUADRO IT/ST Nº 3
- 7A - CANTO CR 0018
- 11 - ESQ. AT E. GRANDE
- 16 - ESQ. 18-2523-C
- 20 - ESQ. DE ALINHAMENTO C/APERTO

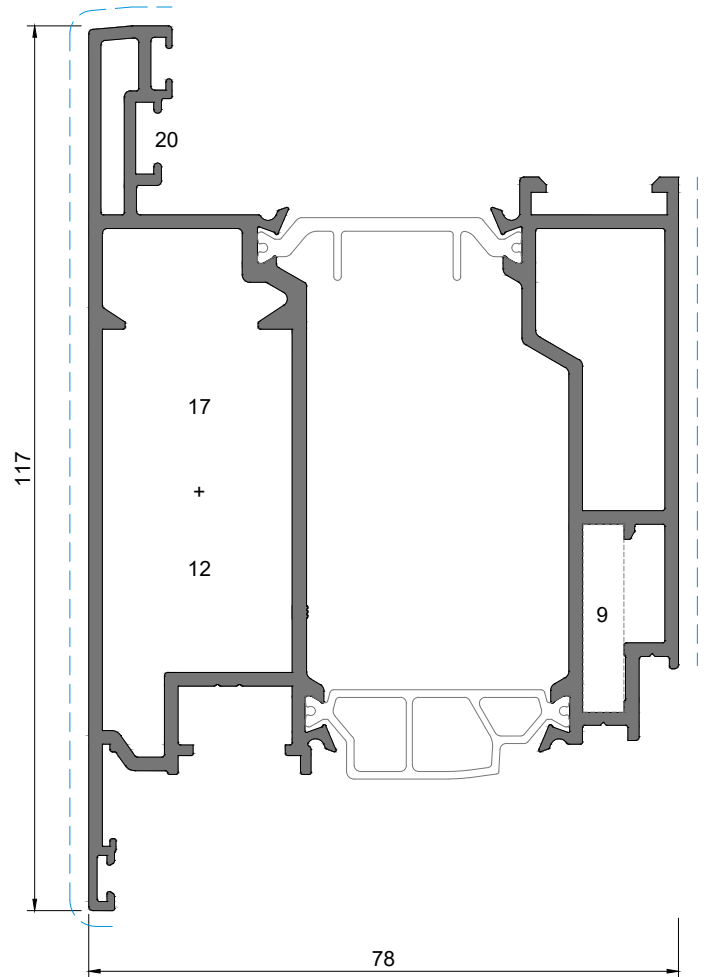
- 4 - ESQUADRO IT/ST Nº 4
- 8 - ESQUADRO 18-1112-C
- 12 - ESQ. AT E. PEQUENO
- 17 - ESQ. SA 35 CORTADO PEQUENO

- 5 - ESQUADRO IT/ST Nº 5
- 9 - ESQUADRO 18-0525-C
- 13 - ESQ. 18-1414-C



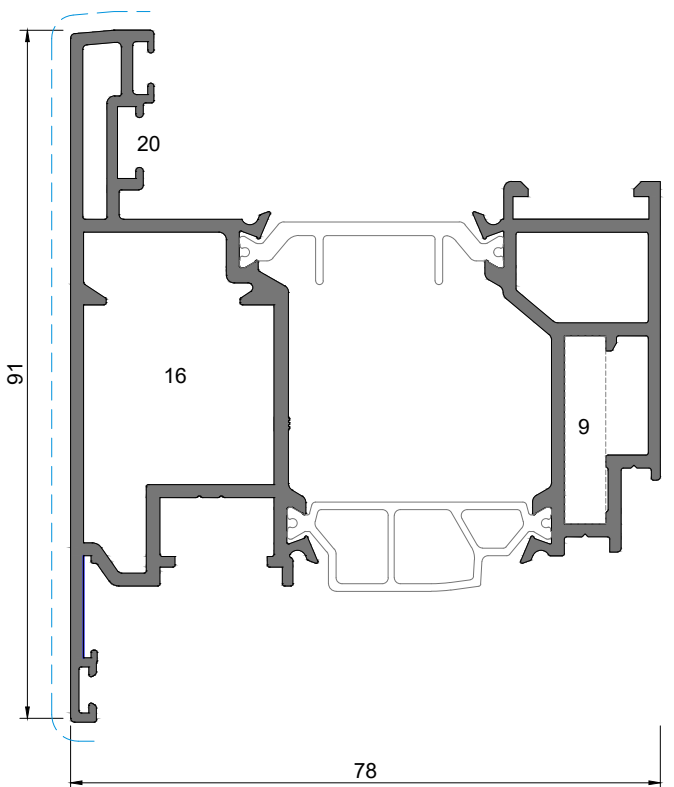
ST 08

(Canal 16 | Channel 16 | Chenal 16)



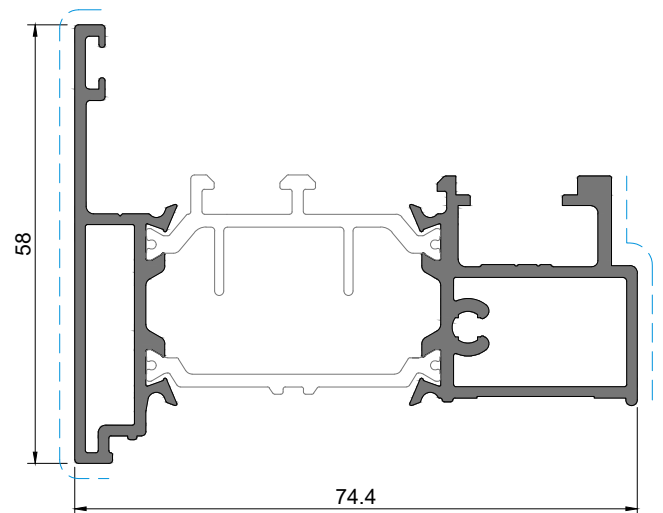
ST 23

(Canal 16 | Channel 16 | Chenal 16)



ST 13

(Canal 16 | Channel 16 | Chenal 16)



ST 77

(Canal 16 | Channel 16 | Chenal 16)

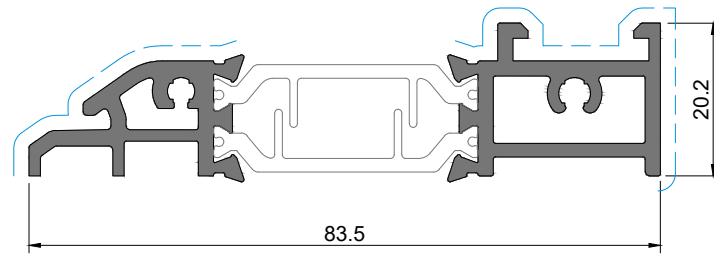
- 1 - ESQUADRO IT/ST Nº 1
- 6 - ESQUADRO IT/ST Nº 6
- 9A - CANTO CR 0182
- 14 - ESQUADRO 1108
- 18 - UNIÃO TRAVESSA SA 2001 G

- 2 - ESQUADRO IT/ST Nº 2
- 7 - ESQUADRO 18-0512-C
- 10 - ESQUADRO 18-1130-C
- 15 - ESQUADRO 26-2537-140
- 19 - UNIÃO TRAVESSA SA 2001 XP

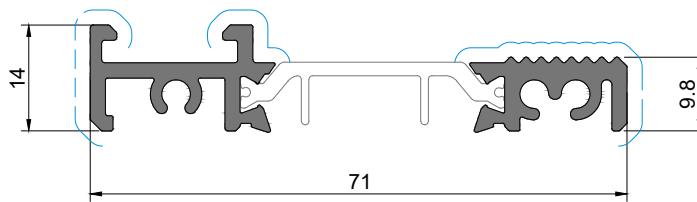
- 3 - ESQUADRO IT/ST Nº 3
- 7A - CANTO CR 0018
- 11 - ESQ. AT E. GRANDE
- 16 - ESQ. 18-2523-C
- 20 - ESQ. DE ALINHAMENTO C/APERTO

- 4 - ESQUADRO IT/ST Nº 4
- 8 - ESQUADRO 18-1112-C
- 12 - ESQ. AT E. PEQUENO
- 17 - ESQ. SA 35 CORTADO PEQUENO

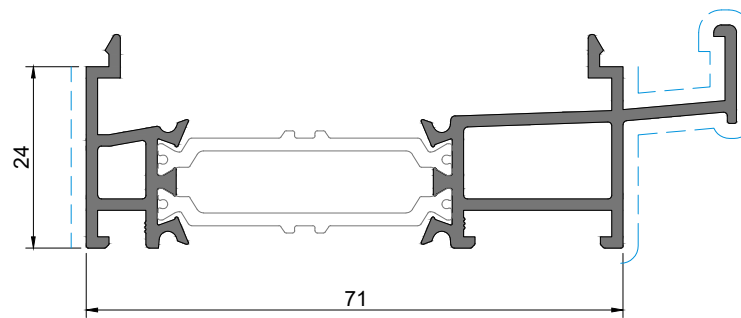
- 5 - ESQUADRO IT/ST Nº 5
- 9 - ESQUADRO 18-0525-C
- 13 - ESQ. 18-1414-C



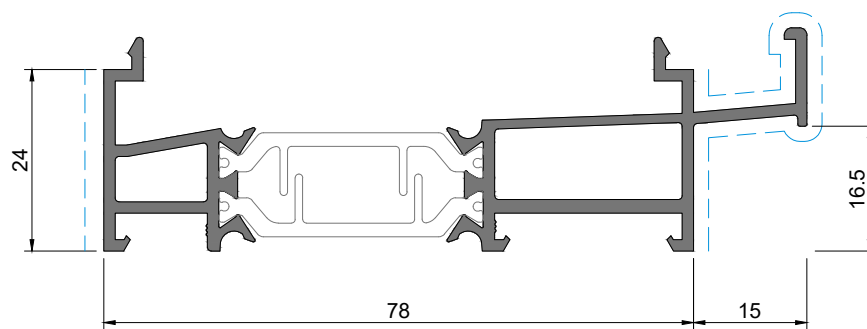
ST 49



ST 34



ST 27



ST 76

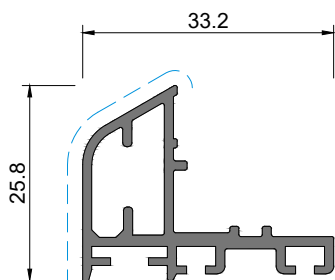
1 - ESQUADRO IT/ST Nº 1
6 - ESQUADRO IT/ST Nº 6
9A - CANTO CR 0182
14 - ESQUADRO 1108
18 - UNIÃO TRAVESSA SA 2001 G

2 - ESQUADRO IT/ST Nº 2
7 - ESQUADRO 18-0512-C
10 - ESQUADRO 18-1130-C
15 - ESQUADRO 26-2537-140
19 - UNIÃO TRAVESSA SA 2001 XP

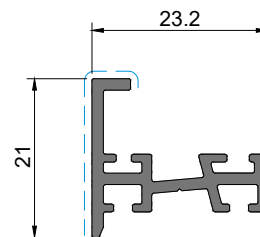
3 - ESQUADRO IT/ST Nº 3
7A - CANTO CR 0018
11 - ESQ. AT E. GRANDE
16 - ESQ. 18-2523-C
20 - ESQ. DE ALINHAMENTO C/APERTO

4 - ESQUADRO IT/ST Nº 4
8 - ESQUADRO 18-1112-C
12 - ESQ. AT E. PEQUENO
17 - ESQ. SA 35 CORTADO PEQUENO

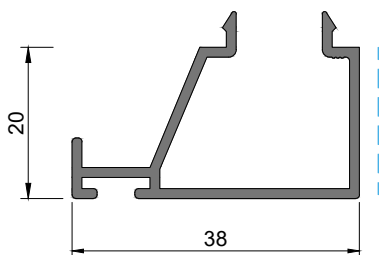
5 - ESQUADRO IT/ST Nº 5
9 - ESQUADRO 18-0525-C
13 - ESQ. 18-1414-C



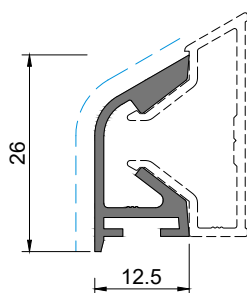
IT 32



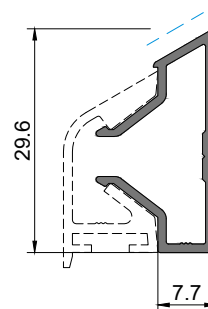
IT 33



AT 59



SA 32



SA 31



LT 33

Usar com a Ferragem *Ribanta 5*
Use with Hardware *Ribanta 5*
Utiliser avec ferrure *Ribanta 5*

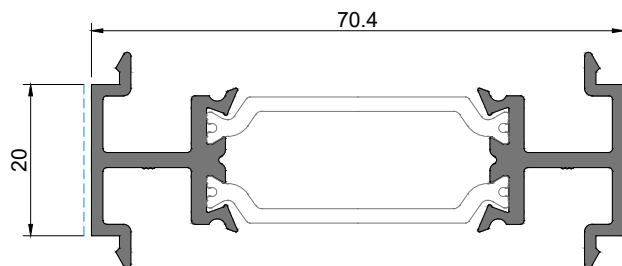


SA 33



AT 33

PERFIL EM POLIAMIDA - Não utilizar em ferragens
Oscilo-batentes e/ou Oscilo-paralela
PROFILE IN POLYAMIDE - Do not use in Tilt and turn
and/or Tilt and slide hardware
PROFILÉ EN POLYAMIDE - Ne pas utiliser dans les
ferrures Oscillo-battant et/ou Oscillo-coulissant



ST 35

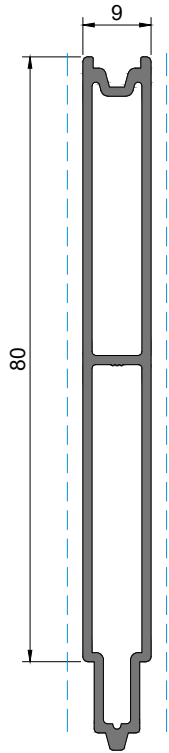
1 - ESQUADRO IT/ST Nº 1
6 - ESQUADRO IT/ST Nº 6
9A - CANTO CR 0182
14 - ESQUADRO 1108
18 - UNIÃO TRAVESSA SA 2001 G

2 - ESQUADRO IT/ST Nº 2
7 - ESQUADRO 18-0512-C
10 - ESQUADRO 18-1130-C
15 - ESQUADRO 26-2537-140
19 - UNIÃO TRAVESSA SA 2001 XP

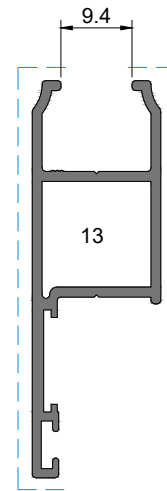
3 - ESQUADRO IT/ST Nº 3
7A - CANTO CR 0018
11 - ESQ. AT E. GRANDE
16 - ESQ. 18-2523-C
20 - ESQ. DE ALINHAMENTO C/APERTO

4 - ESQUADRO IT/ST Nº 4
8 - ESQUADRO 18-1112-C
12 - ESQ. AT E. PEQUENO
17 - ESQ. SA 35 CORTADO PEQUENO

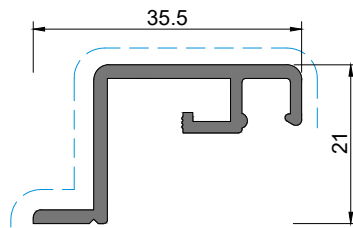
5 - ESQUADRO IT/ST Nº 5
9 - ESQUADRO 18-0525-C
13 - ESQ. 18-1414-C



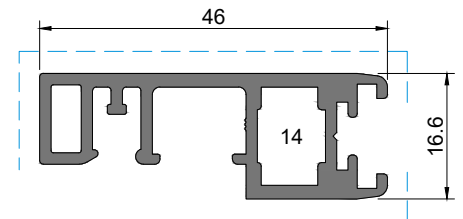
SB 64



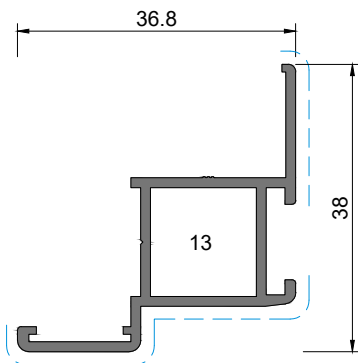
SB 63



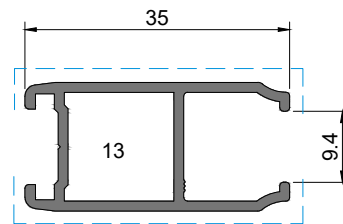
PB 32



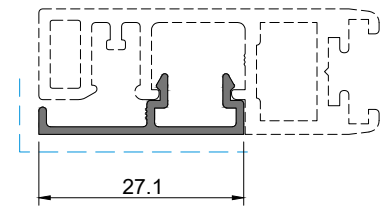
KY 86



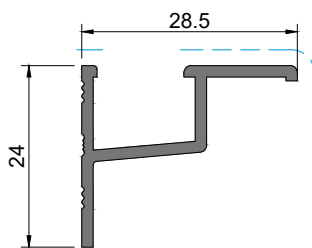
KY 69



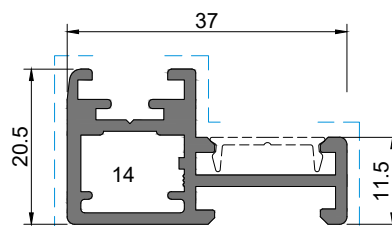
KY 70



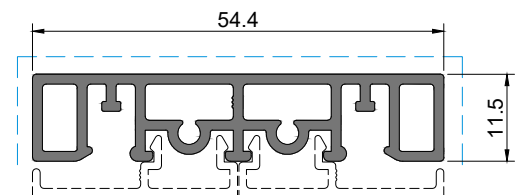
KY 87



KY 97



KY 84



KY 89

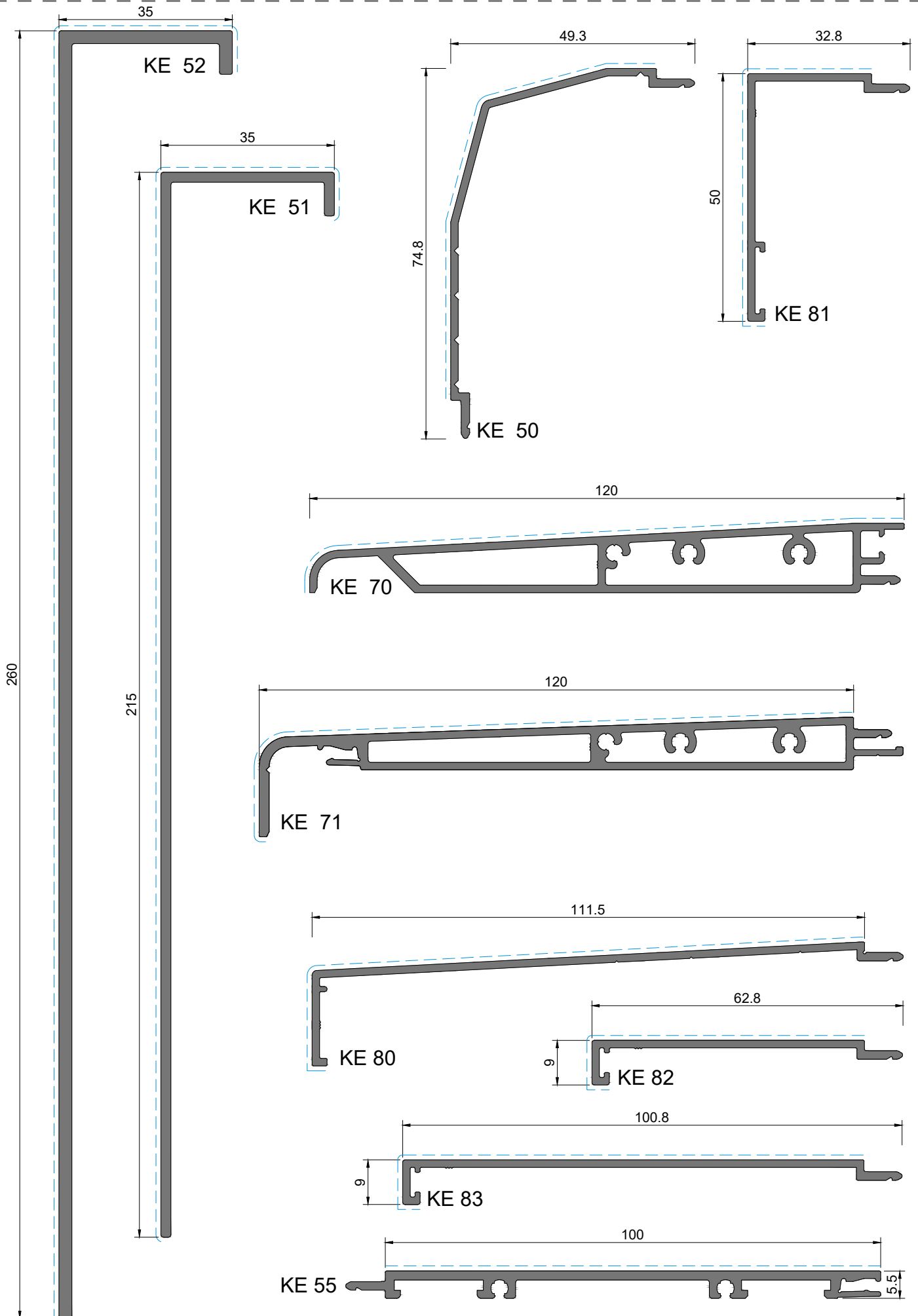
1 - ESQUADRO IT/ST Nº 1
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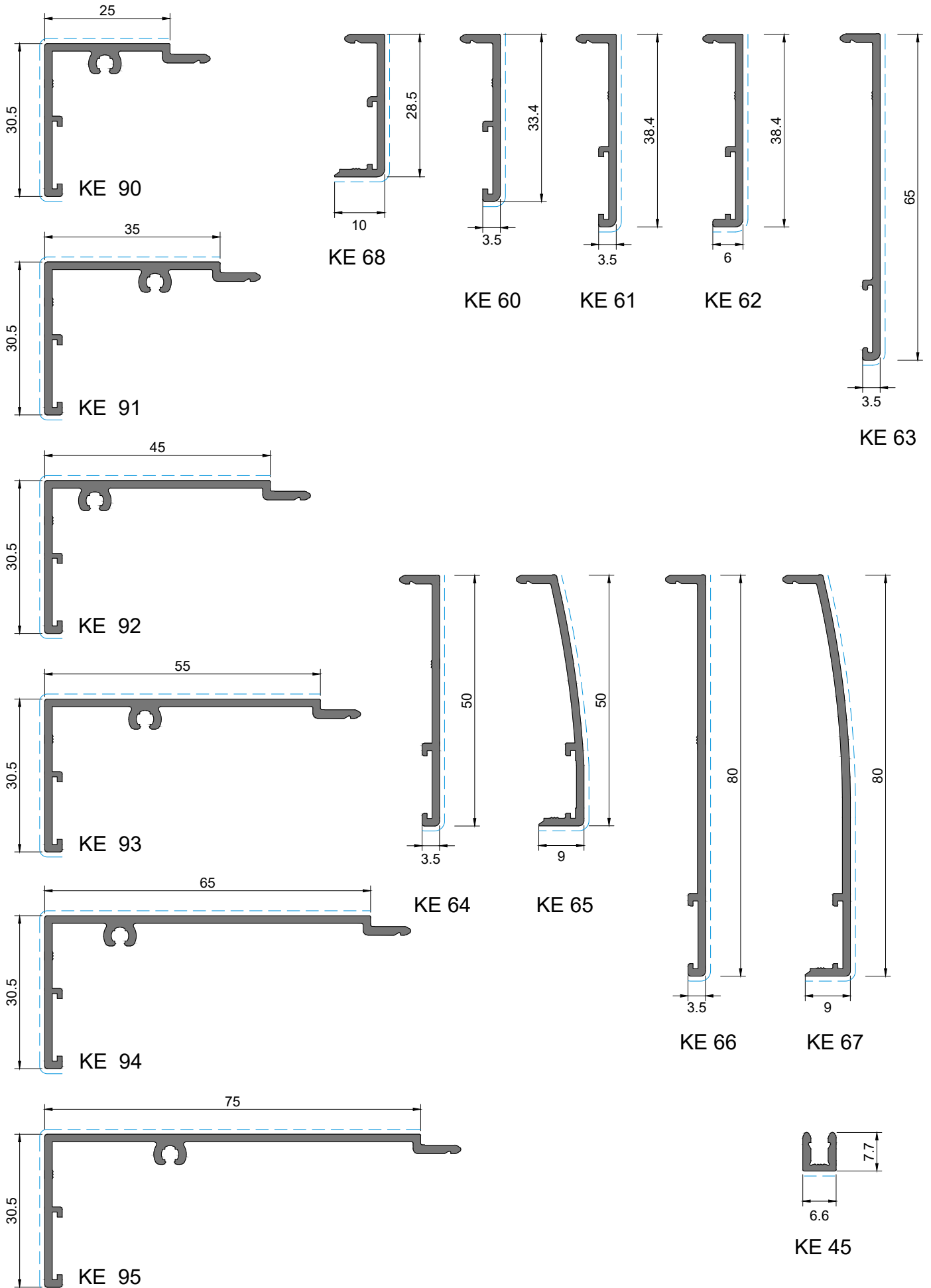
2 - ESQUADRO IT/ST Nº 2
7 - ESQUADRO 18-0512-C
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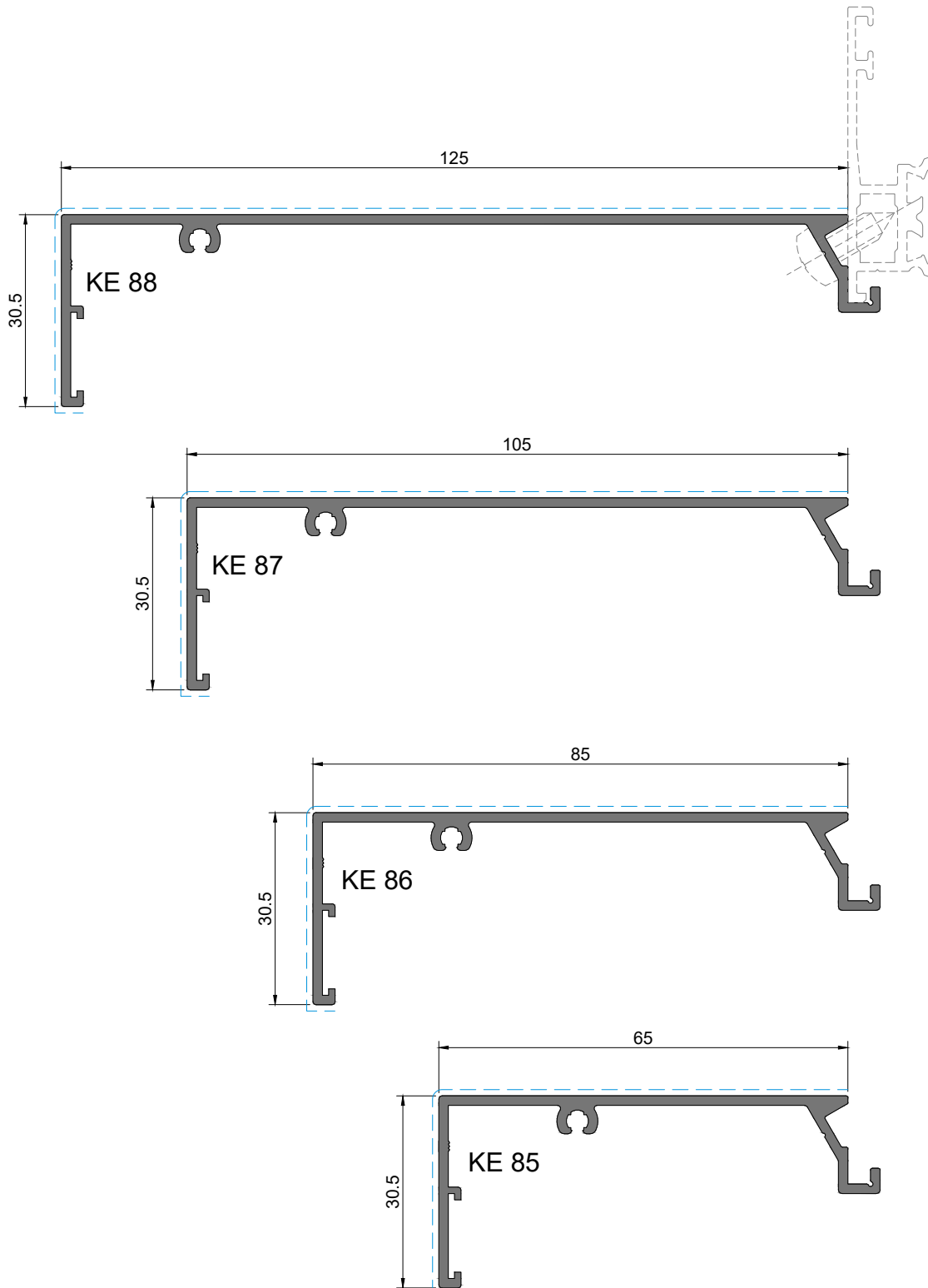
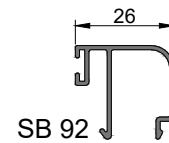
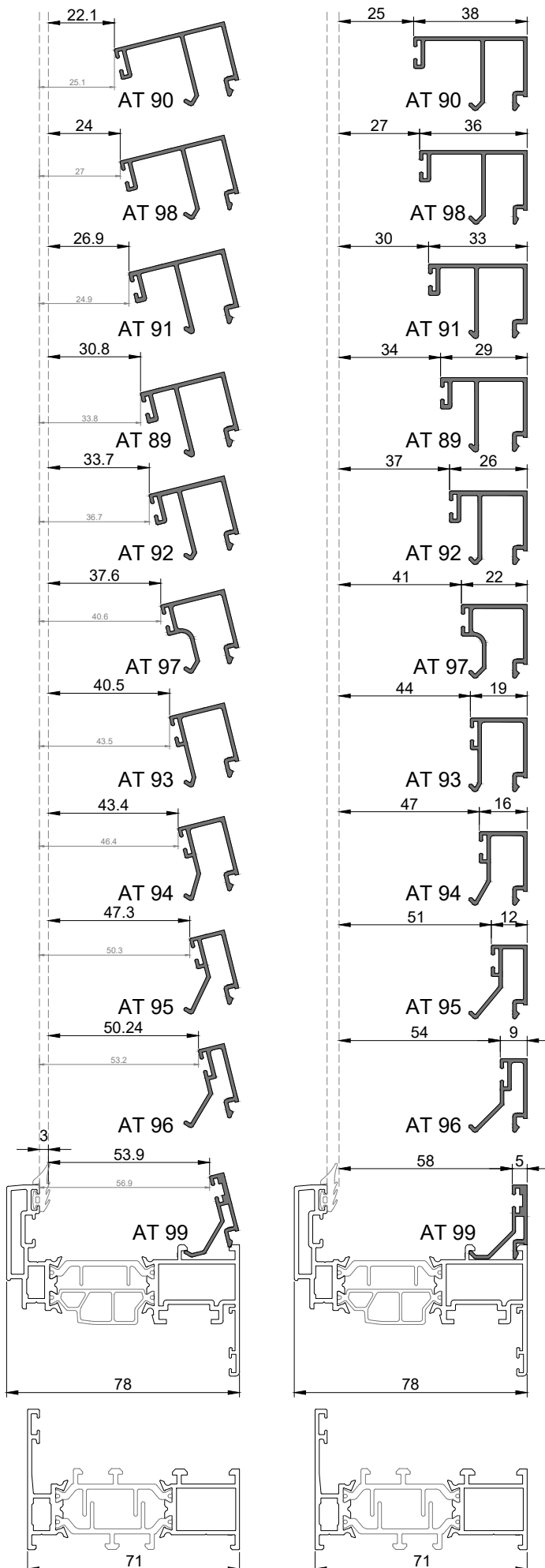
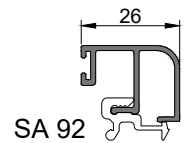


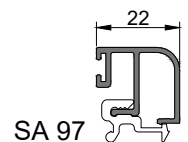
TABELA ORIENTATIVA DE BITES
GLAZING BEADS SCHEDULE | TABLE DES PARCLOSÉS



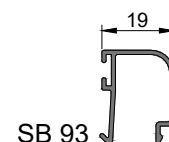
SB 92



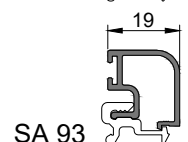
SA 92



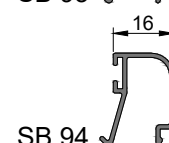
SA 97



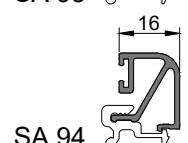
SB 93



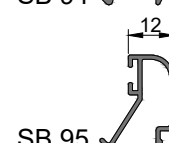
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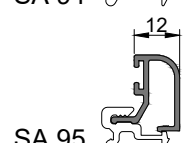
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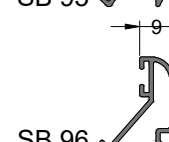
SA 94



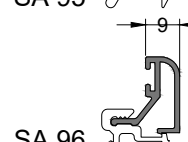
SB 95



SA 95



SB 96



SA 96



MOLA EURO 2000

Ref.: 228165

Para aplicar com os bites com referência SA Lacados

To apply with glazing beads with reference SA Powder coated

Pour appliquer avec les parcloles avec référence SA Laqué



PRESILHA SA 71 Alumínio

Ref.: 207202

Para aplicar com os bites com referência SA

To apply with glazing beads with reference SA

Pour appliquer avec les parcloles avec référence SA

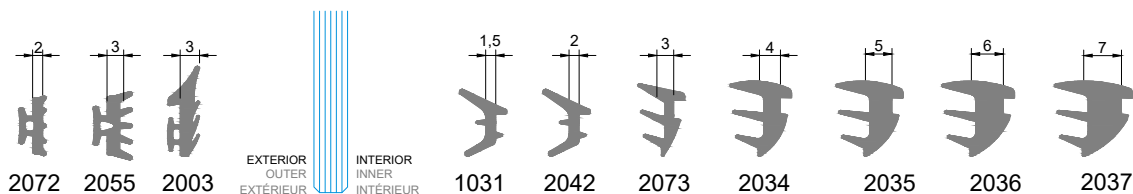


TABELA DE BITES

O Grupo Sosoares aconselha sempre a utilização do vedante VD 2003 pelo exterior

GLAZING BEADS SCHEDULE

Sosoares Group advises always to use VD 2003 sealant on the outer side

TABLE DES PARCLOSES

Le Groupe Sosoares recommande toujours l'utilisation du joint VD 2003 par l'extérieur

VEDANTE EXTERIOR OUTER GASKET JOINT EXTERIEUR	ESPESSURA DO VIDRO GLASS THICKNESS ÉPAISSEUR DU VERRE	VEDANTE INTERIOR INNER GASKET JOINT INTERIEUR	BITES GLAZING BEADS PARCLOSES	
			RETO STRAIGHT DROITE	REDONDO ROUND ARRONDIE
2003	18	2037	AT 90	
2003	19	2036	AT 90	
2003	20	2035	AT 90	
2003	21	2034	AT 90	
2003	22	2073	AT 90	
2003	23	2034	AT 98	
2003	24	2073	AT 98	
2003	25	2035	AT 91	
2003	26	2034	AT 91	
2003	27	2073	AT 91	
2003	28	2036	AT 89	
2003	29	2035	AT 89	
2003	30	2034	AT 89	
2003	31	2073	AT 89	
2003	32	2035	AT 92	SA/SB 92
2003	33	2034	AT 92	SA/SB 92
2003	34	2073	AT 92	SA/SB 92
2003	35	2036	AT 97	SA 97
2003	36	2035	AT 97	SA 97
2003	37	2034	AT 97	SA 97
2003	38	2073	AT 97	SA 97
2003	39	2035	AT 93	SA/SB 93
2003	40	2034	AT 93	SA/SB 93
2003	41	2073	AT 93	SA/SB 93
2003	42	2034	AT 94	SA/SB 94
2003	43	2034	AT 94	SA/SB 94
2003	44	2034	AT 94	SA/SB 94
2003	45	2036	AT 95	SA/SB 95
2003	46	2035	AT 95	SA/SB 95
2003	47	2034	AT 95	SA/SB 95
2003	48	2036	AT 96	SA/SB 96
2003	49	2035	AT 96	SA/SB 96
2003	50	2034	AT 96	SA/SB 96
2003	51	2037	AT 99	
2003	52	2036	AT 99	
2003	53	2035	AT 99	
2003	54	2034	AT 99	

TABELA DE VEDANTES - ST-Oculto - Com bite ST 96 ou ST 97

GASKETS SCHEDULE - Concealed ST - With glazing bead ST 96 or ST 97

TABLE DES JOINTS - ST-Caché - Avec parclose ST 96 or ST 97

VEDANTE EXTERIOR OUTER GASKET JOINT EXTERIEUR	ESPESSURA DO VIDRO GLASS THICKNESS ÉPAISSEUR DU VERRE	VEDANTE INTERIOR INNER GASKET JOINT INTERIEUR
2037	28	2055
2036	29	2055
2035	30	2055
2034	31	2055
2073	32	2055

TABELA DE VEDANTES - ST-Oculto - Com bite ST 95

GASKETS SCHEDULE - Concealed ST - With glazing bead ST 95

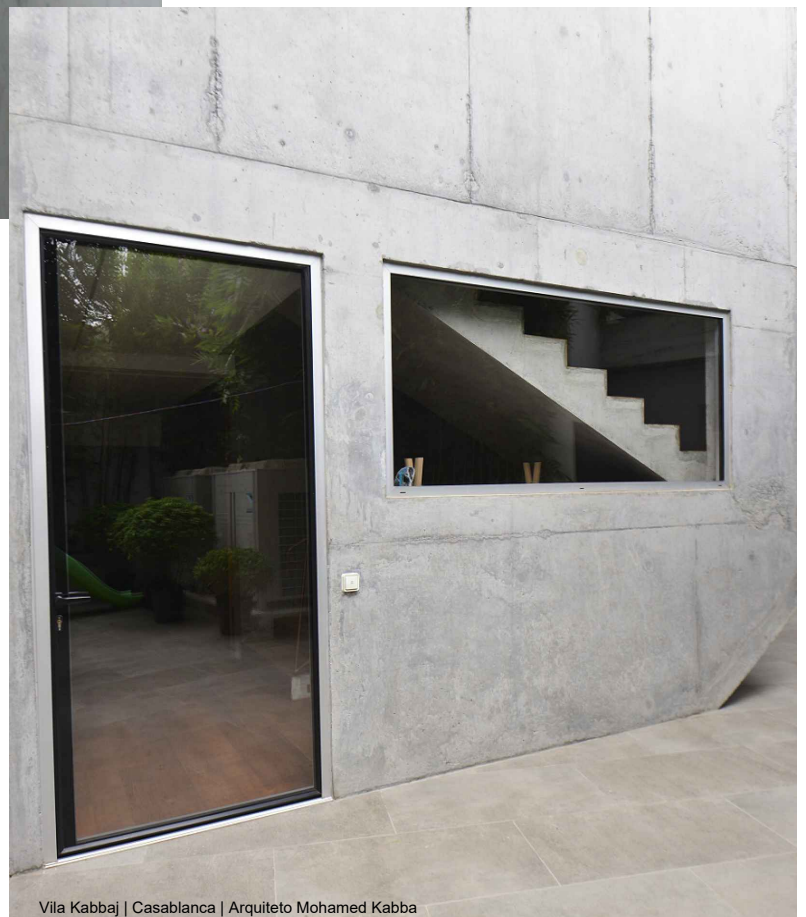
TABLE DES JOINTS - ST-Caché - Avec parclose ST 95

VEDANTE EXTERIOR OUTER GASKET JOINT EXTERIEUR	ESPESSURA DO VIDRO GLASS THICKNESS ÉPAISSEUR DU VERRE	VEDANTE INTERIOR INNER GASKET JOINT INTERIEUR
2905	32	2055

LISTAGEM DE ACESSÓRIOS
ACCESSORIES LIST
LISTE D'ACCESSOIRES

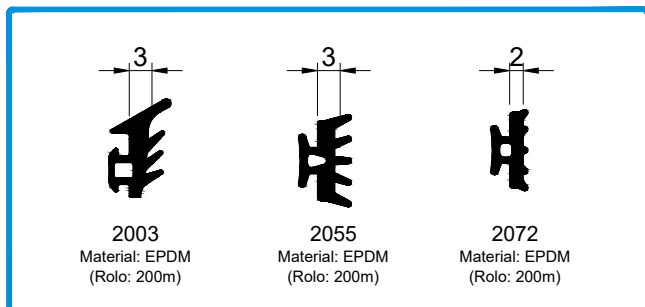


Vila Kabbaj | Casablanca | Arquiteto Mohamed Kabba



Vila Kabbaj | Casablanca | Arquiteto Mohamed Kabba

VEDANTES E PELÚCIAS | SEALS AND GASKETS | JOINTS ET JOINTS BROSSES

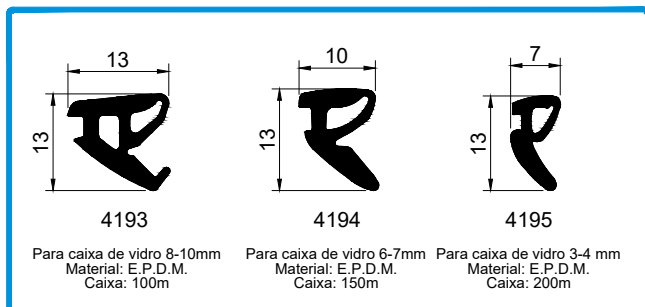


2003
Material: EPDM
(Rolo: 200m)

2055
Material: EPDM
(Rolo: 200m)

2072
Material: EPDM
(Rolo: 200m)

208350 JUNTA DE VEDAÇÃO EXTERIOR 2003
208289 JUNTA DE BATENTE 2055
208224 JUNTA VD 2072

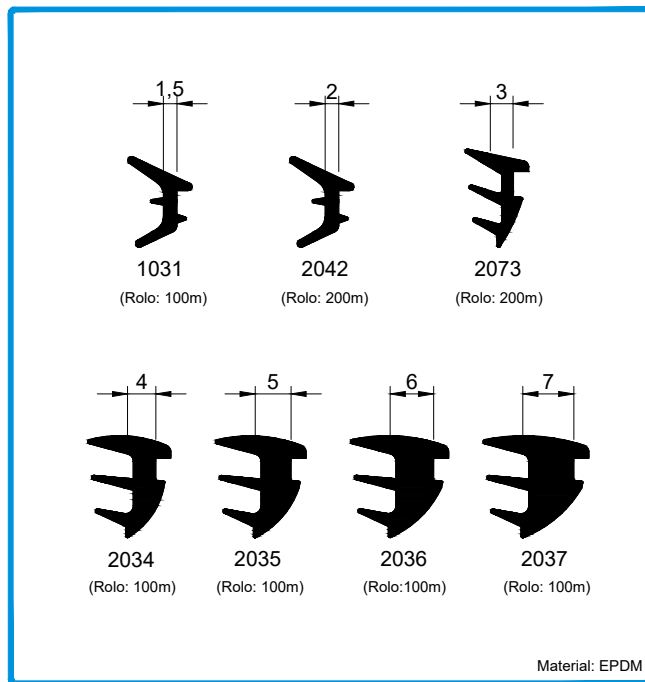


4193
Para caixa de vidro 8-10mm
Material: E.P.D.M.
Caixa: 100m

4194
Para caixa de vidro 6-7mm
Material: E.P.D.M.
Caixa: 150m

4195
Para caixa de vidro 3-4 mm
Material: E.P.D.M.
Caixa: 200m

208912 JUNTA DE CUNHA RECORTADA 4193
208913 JUNTA DE CUNHA RECORTADA 4194
208914 JUNTA DE CUNHA RECORTADA 4195



1031
(Rolo: 100m)

2042
(Rolo: 200m)

2073
(Rolo: 200m)

2034
(Rolo: 100m)

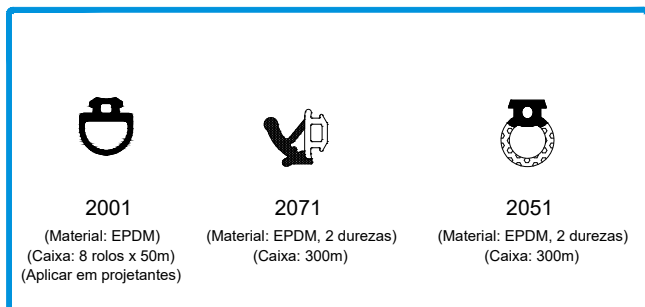
2035
(Rolo: 100m)

2036
(Rolo: 100m)

2037
(Rolo: 100m)

Material: EPDM

208223 JUNTA DE CUNHA 1031
208191 JUNTA DE CUNHA 2042
208195 JUNTA DE CUNHA 2034
208196 JUNTA DE CUNHA 2035
208215 JUNTA DE CUNHA 2036
208904 JUNTA DE CUNHA 2037
208199 JUNTA DE CUNHA 2073

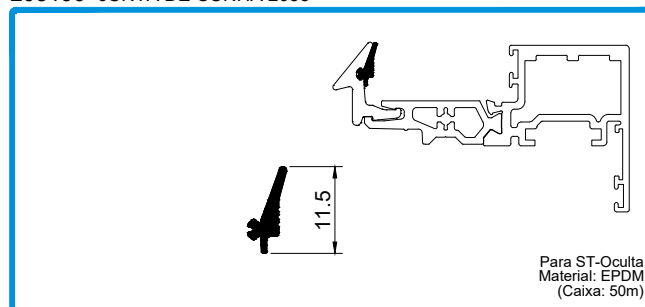


2001
(Material: EPDM)
(Caixa: 8 rolos x 50m)
(Aplicar em projetantes)

2071
(Material: EPDM, 2 durezas)
(Caixa: 300m)

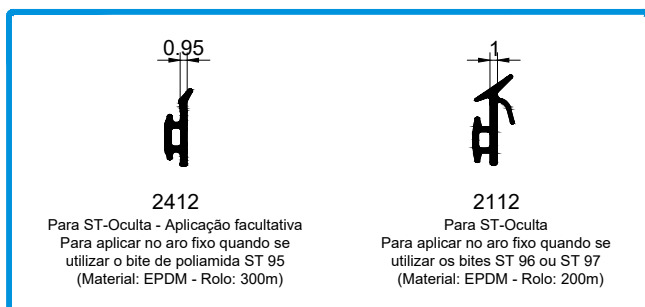
2051
(Material: EPDM, 2 durezas)
(Caixa: 300m)

208274 JUNTA DE ESTANQUIDADE 2001
208143 JUNTA DE ESTANQUIDADE 2071
208008 JUNTA DE ESTANQUIDADE 2051



Para ST-Oculta
Material: EPDM
(Caixa: 50m)

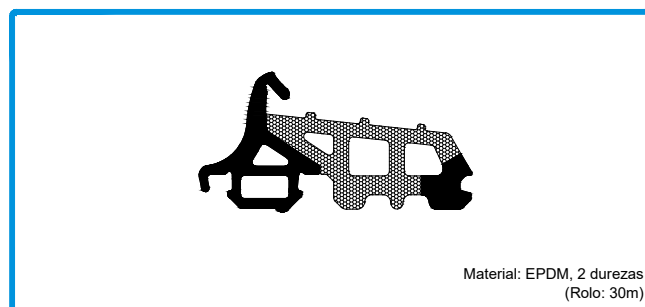
208209 JUNTA VD 2905



2412
Para ST-Oculta - Aplicação facultativa
Para aplicar no aro fixo quando se
utilizar o bite de poliamida ST 95
(Material: EPDM - Rolo: 300m)

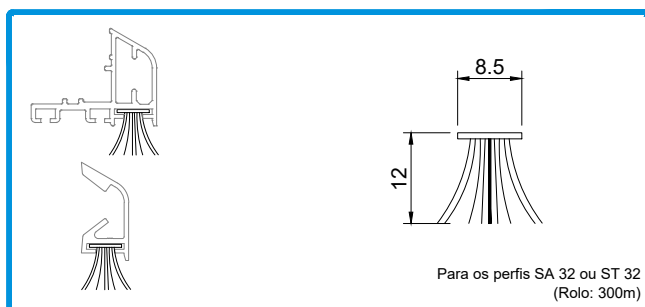
2112
Para ST-Oculta
Para aplicar no aro fixo quando se
utilizar os bites ST 96 ou ST 97
(Material: EPDM - Rolo: 200m)

208184 JUNTA DE ESTANQUIDADE 2412
208278 JUNTA DE ESTANQUIDADE 2112



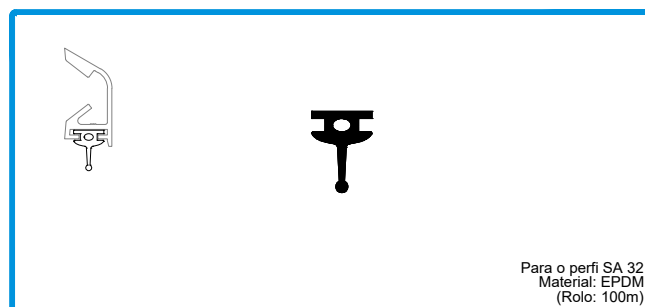
Material: EPDM, 2 durezas
(Rolo: 30m)

208183 JUNTA DE VEDAÇÃO CENTRAL 2267



Para os perfis SA 32 ou ST 32
(Rolo: 300m)

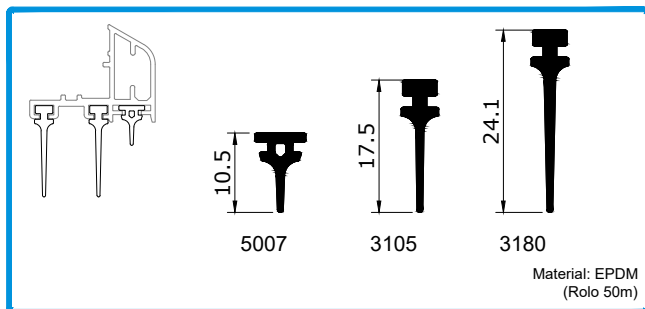
208464 VEDANTE PELÚCIA 8.5 x 12 S-FIN



Para o perfil SA 32
Material: EPDM
(Rolo: 100m)

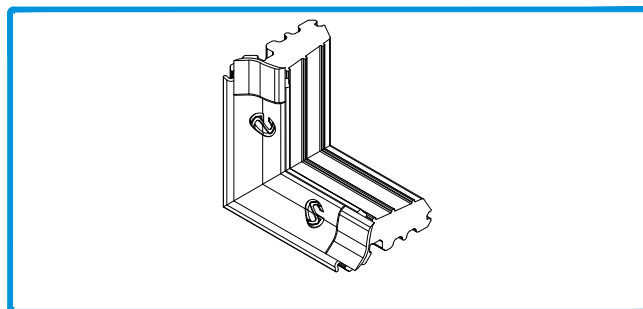
208246 JUNTA ENCAIXE 1140 PRT

VEDANTES E PELÚCIAS | SEALS AND GASKETS | JOINTS ET JOINTS BROSSES



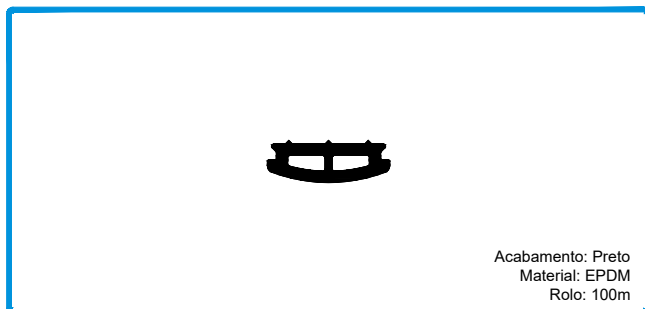
208270
208292
208294

JUNTA INFERIOR PORTA 5007
JUNTA INFERIOR PORTA 3105
JUNTA INFERIOR PORTA 3180



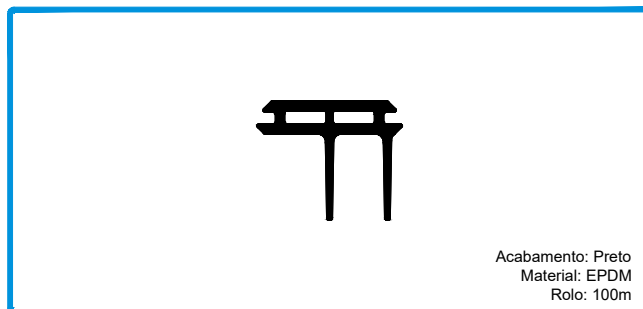
213015

CANTO VULCANIZADO 2267.1



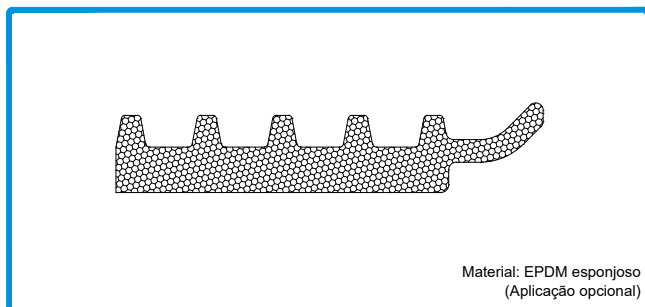
208344

JUNTA VD 2114



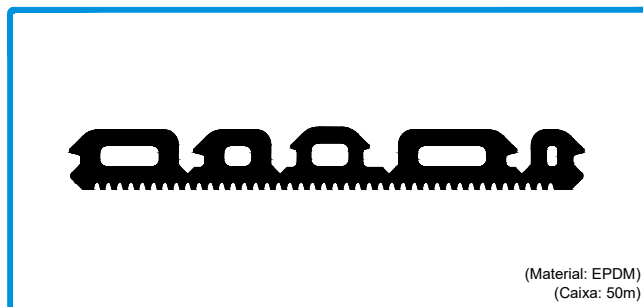
208345

JUNTA VD 2115



208182

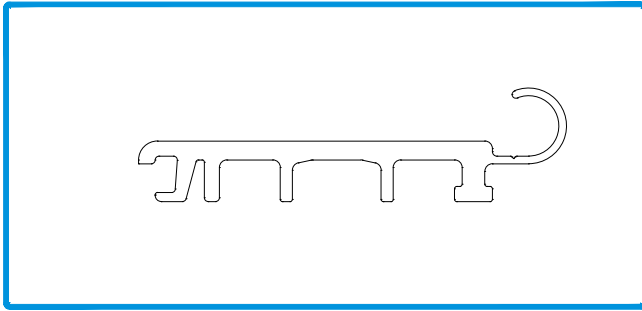
JUNTA 2090



208185

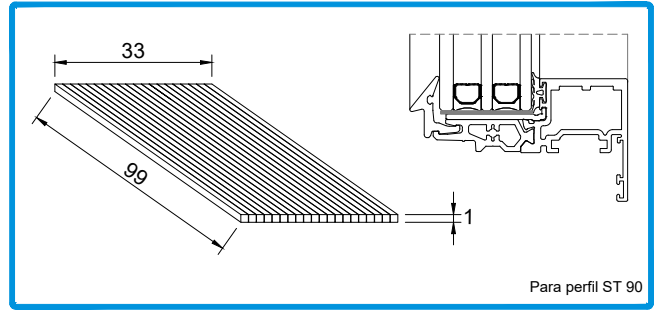
JUNTA DE REMATE PAREDE VD 2089

ACESSÓRIOS PARA VIDRO | GLAZING ACCESSORIES | ACCESSOIRES POUR VITRAGE



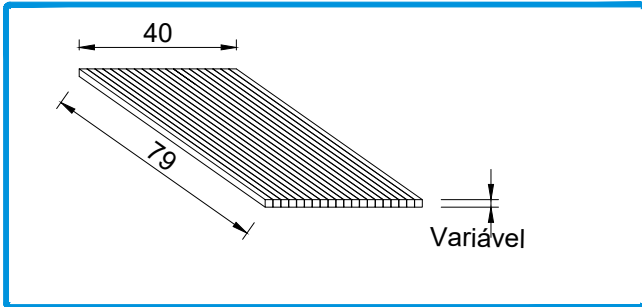
218126

CALÇO P/VIDRO S/ ST Nylon



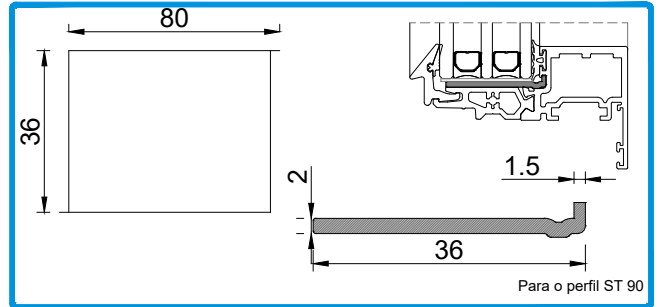
218132

CALÇO VIDRO 99x33x1mm



218113 CALÇO P/VIDRO 79x40x2
218109 CALÇO P/VIDRO 79x40x3

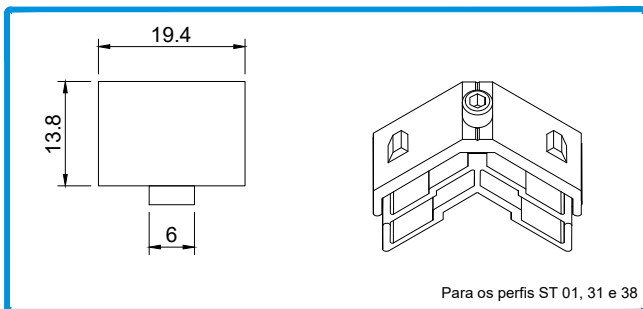
218111 CALÇO P/VIDRO 79x40x4
218112 CALÇO P/VIDRO 79x40x5



230281

SUPORTE VIDRO ST - INOX

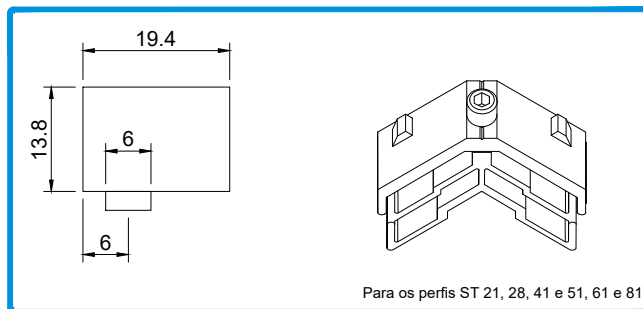
ACESSÓRIOS PARA OS AROS | FRAME ACCESSORIES | ACCESSOIRES POUR LES CADRES



204137

ESQUADRO IT/ST Nº1 16-1914-C

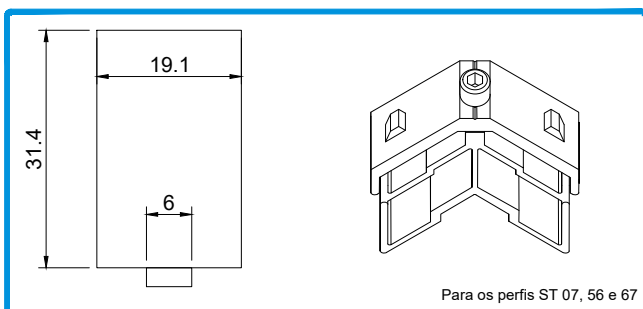
Para os perfis ST 01, 31 e 38



204138

ESQUADRO IT/ST Nº2 16-1914-D

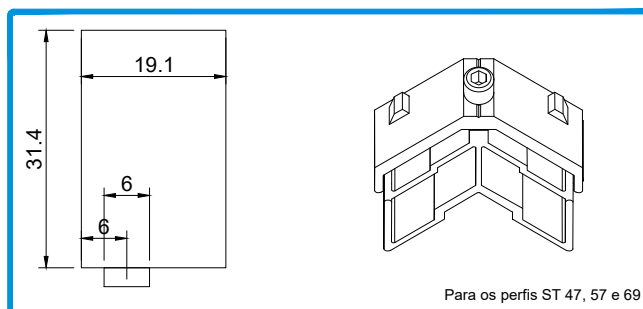
Para os perfis ST 21, 28, 41 e 51, 61 e 81



204139

ESQUADRO IT/ST Nº3 16-1931-C

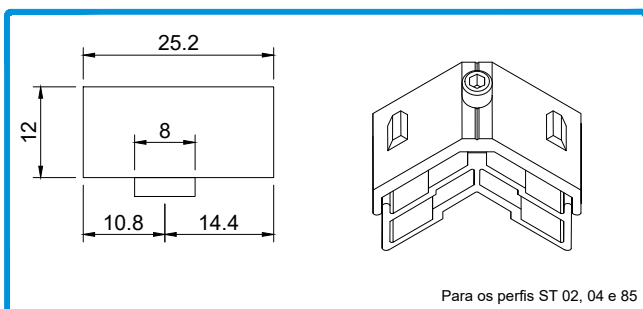
Para os perfis ST 07, 56 e 67



204141

ESQUADRO IT/ST Nº4 16-1931-D

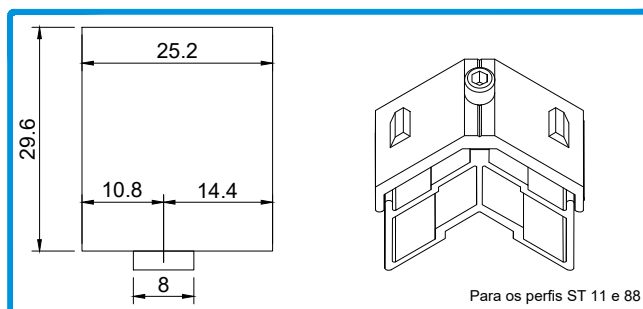
Para os perfis ST 47, 57 e 69



204142

ESQUADRO IT/ST Nº5 18-2512-140

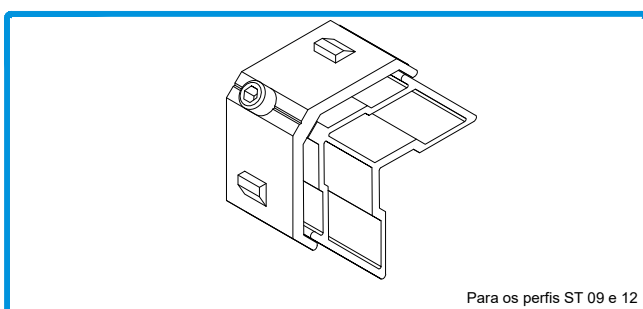
Para os perfis ST 02, 04 e 85



204143

ESQUADRO IT/ST Nº6 18-2530-140

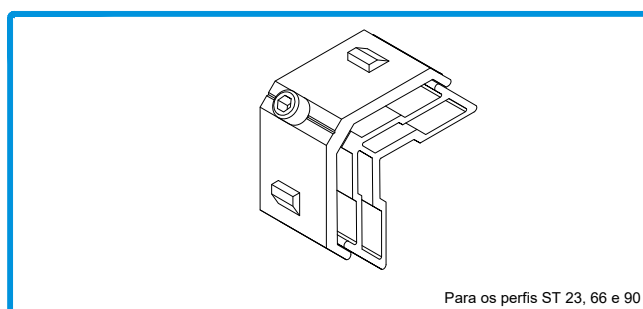
Para os perfis ST 11 e 88



204730

ESQUADRO AT E. GRANDE

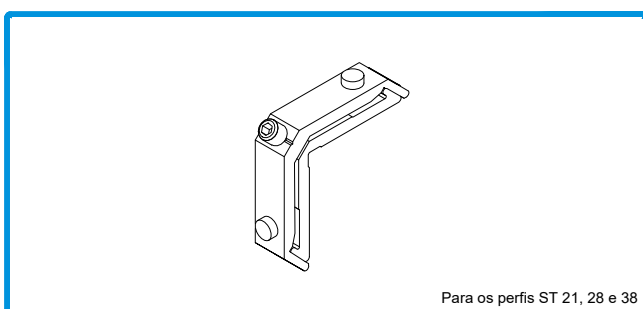
Para os perfis ST 09 e 12



204728

ESQUADRO AT E. PEQUENO

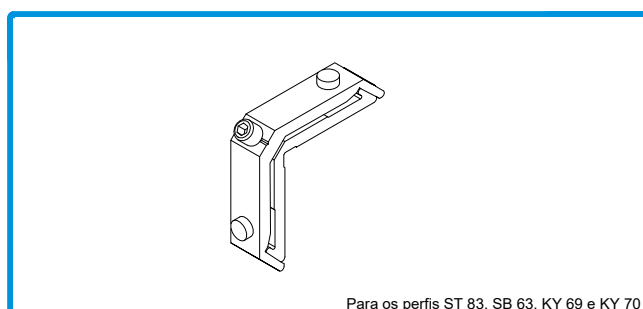
Para os perfis ST 23, 66 e 90



204901

ESQUADRO 18-1112-C

Para os perfis ST 21, 28 e 38

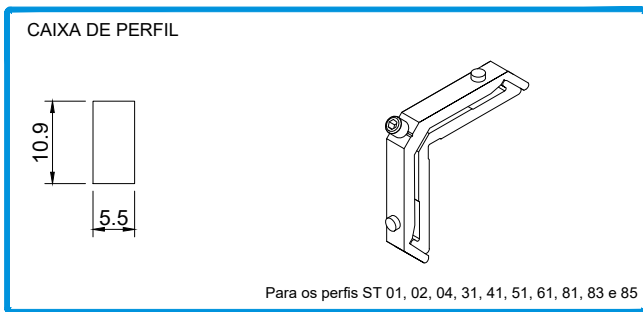


204029

ESQUADRO 18-1414 C

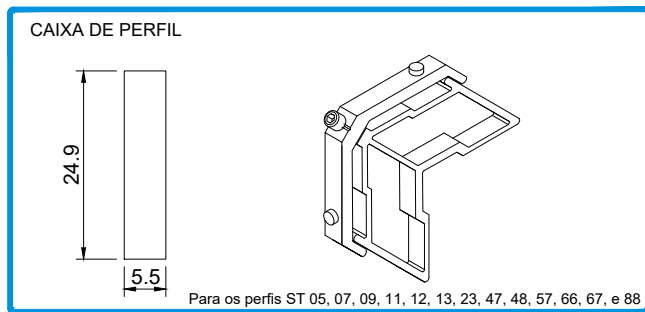
Para os perfis ST 83, SB 63, KY 69 e KY 70

ACESSÓRIOS PARA OS AROS | FRAME ACCESSORIES | ACCESSOIRES POUR LES CADRES



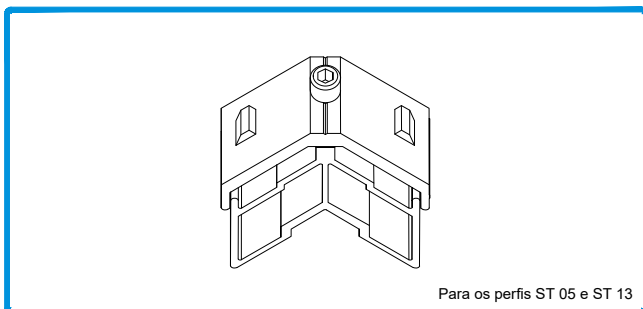
204150

ESQUADRO 18-0512-C



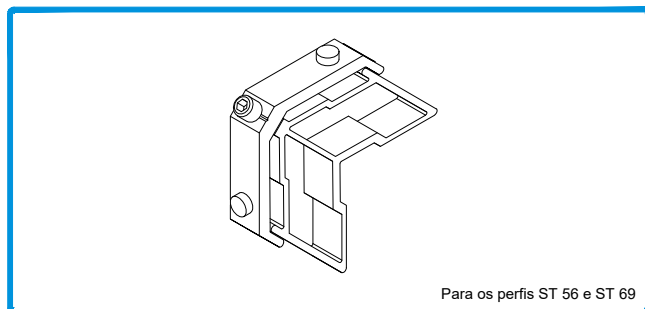
204151

ESQUADRO 18-0525-C



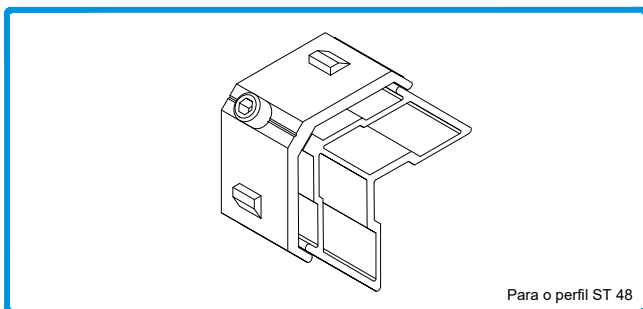
204152

ESQUADRO 18-2523-C



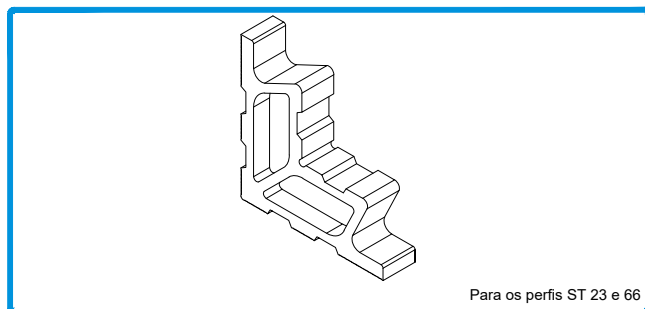
204009

ESQUADRO 18-1130-C



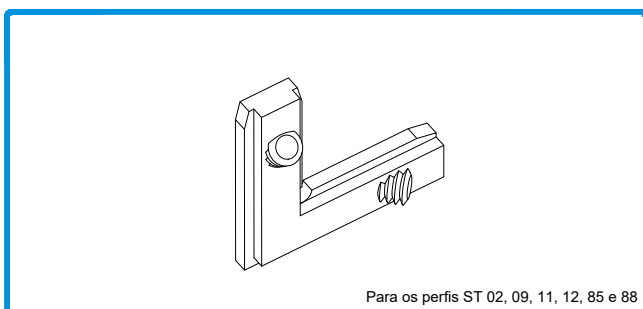
204010

ESQUADRO 26-2537-140



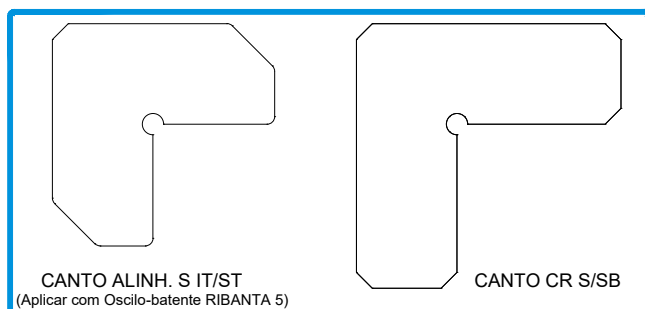
204257

ESQUADRO SA 35 CORTADO PEQUENO



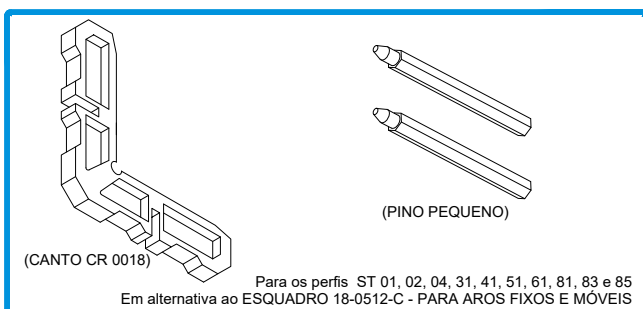
204131

ESQUADRO DE ALINHAMENTO C/ APERTO



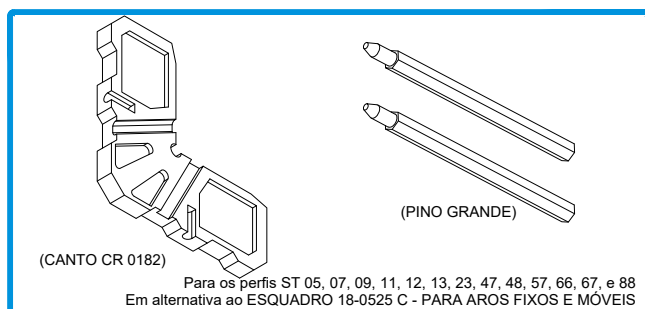
213261
213246

CANTO ALINH. S IT/ST
CANTO CR S/SB



213308

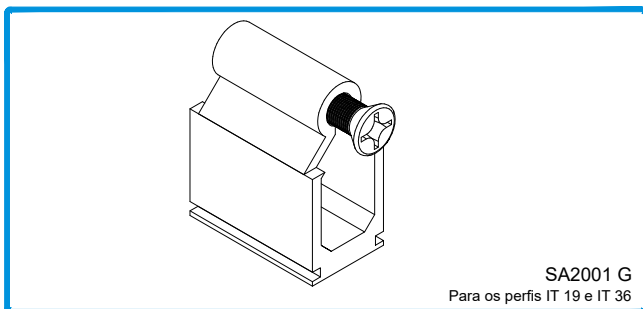
CANTO CR 0018 + PINOS PEQ.



213309

CANTO CR 0182 + PINOS GR.

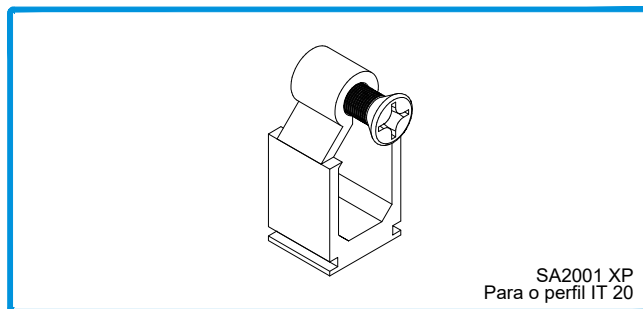
ACESSÓRIOS PARA OS AROS | FRAME ACCESSORIES | ACCESSOIRES POUR LES CADRES



SA2001 G
Para os perfis IT 19 e IT 36

232116
290037

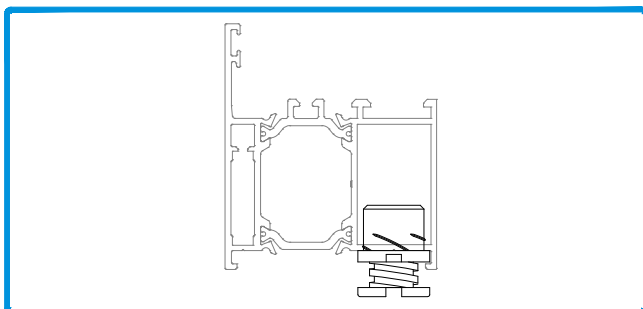
UNIÃO TRAVESSAS SA2001 G
PARAFUSO SUPLEMENTAR P/UNIÃO SA2001 G INOX



SA2001 XP
Para o perfil IT 20

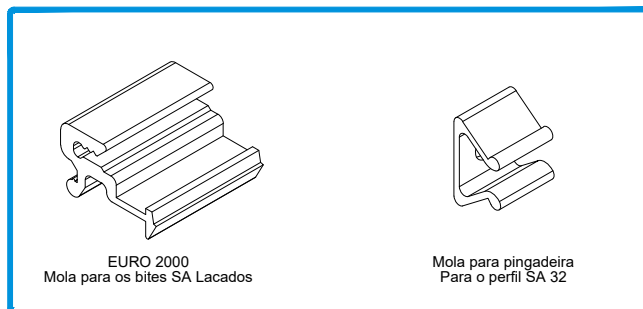
232119

UNIÃO TRAVESSAS SA2001 XP



224205

NIVELADOR PEQUENO 600.01/8



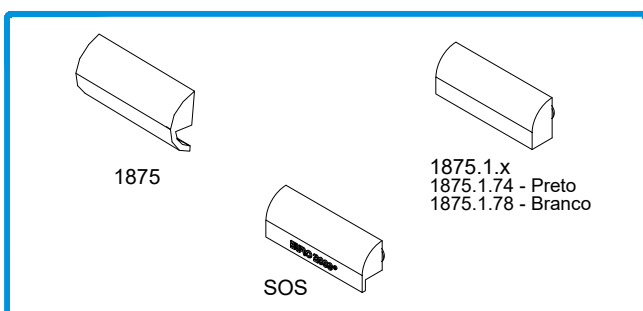
EURO 2000
Mola para os bites SA Lacados

Mola para pingadeira
Para o perfil SA 32

228165
228181

MOLA EURO 2000
MOLA PARA PINGADEIRA

ACESSÓRIOS DE ESTANQUICIDADE | WATERTIGHTNESS ACCESSORIES | ACCESSOIRES D'ÉTANCHÉITÉ



1875

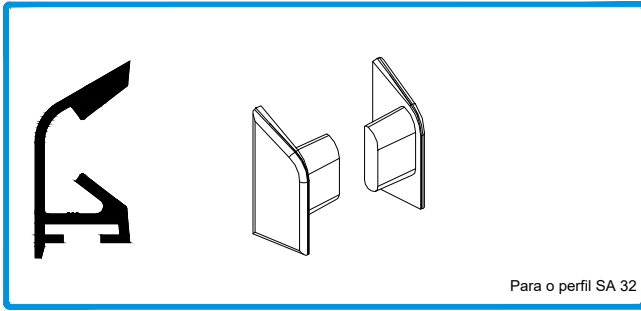
SOS

1875.1.x
1875.1.74 - Preto
1875.1.78 - Branco

210154 GOTEIRA 1875 Br/Pr
210280 GOT. SOS C/VÁLV. Br/Pr

210142 GOT. C/VÁLV. 1875.1.74
210144 GOT. C/VÁLV. 1875.1.78

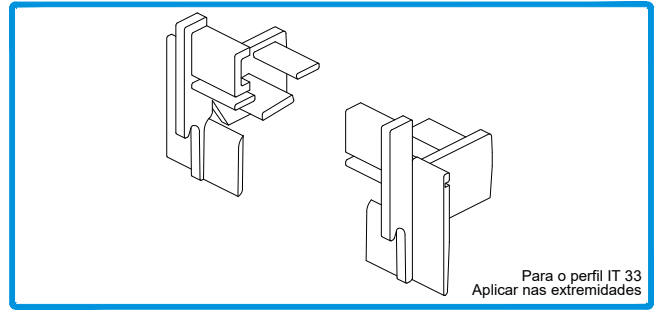
PINGADEIRAS | DRIPS | JET D'EAU



Para o perfil SA 32

212346

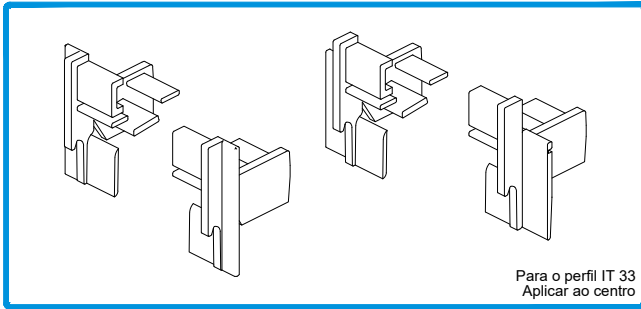
CONJ. TAPA-TOPOS SA 32 Br/Pr



Para o perfil IT 33
Aplicar nas extremidades

212387

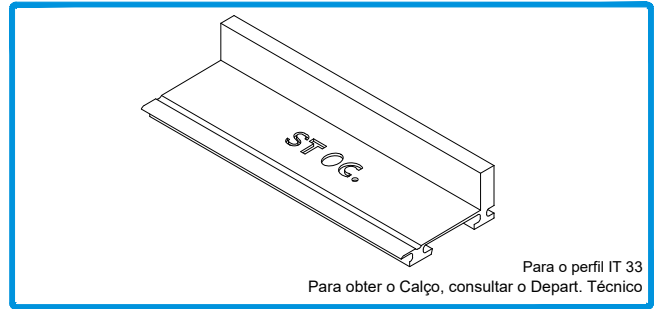
CONJUNTO TOPOS IT 33



Para o perfil IT 33
Aplicar ao centro

212388

CONJ. TOPOS IT 33 2ªF INVERSOR

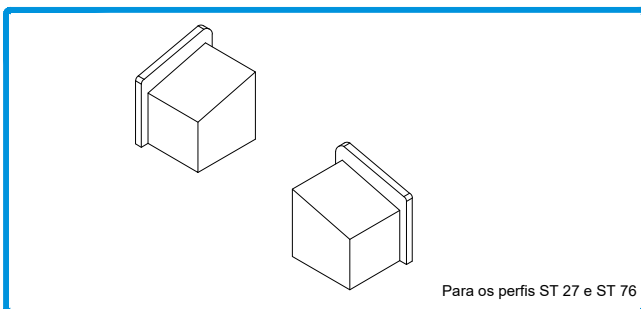


Para o perfil IT 33
Para obter o Calço, consultar o Depart. Técnico

000000

CALÇO ST OCULTA P/ PINGADEIRA IT33

SOLEIRAS | SILLS | SEUILS



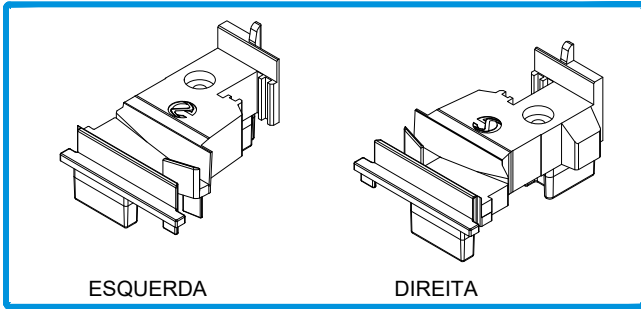
Para os perfis ST 27 e ST 76

212366

CONJUNTO TOPO SOL 26 Pr

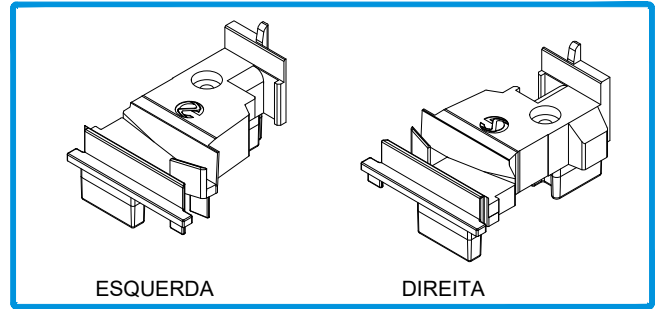
ACESSÓRIOS PARA PERFIS INVERSORES

ACCESSORIES FOR CENTRAL MULLIONS | ACCESSOIRES POUR MENEUX CENTRAUX



212069

CONJUNTO TOPO INVERSOR ST Preto

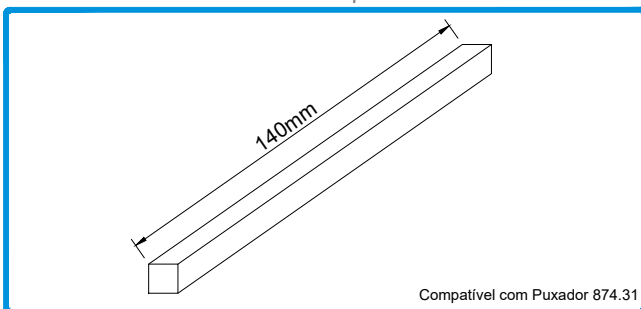


212142

CONJUNTO TOPO INVERSOR ST CANAL 16 Preto

QUADRAS

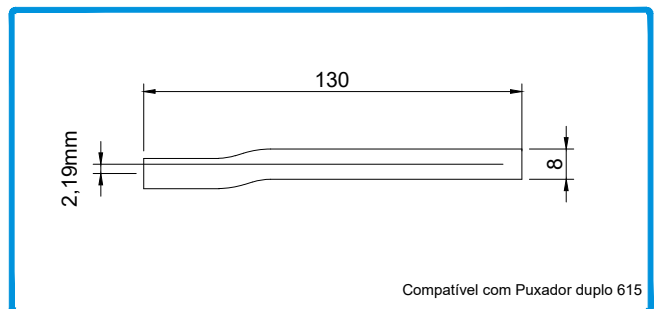
STEEL SQUARE SPINDLE | TIGE CARRÉE



227301

Compatível com Puxador 874.31

QUADRA AÇO 8mm x 140

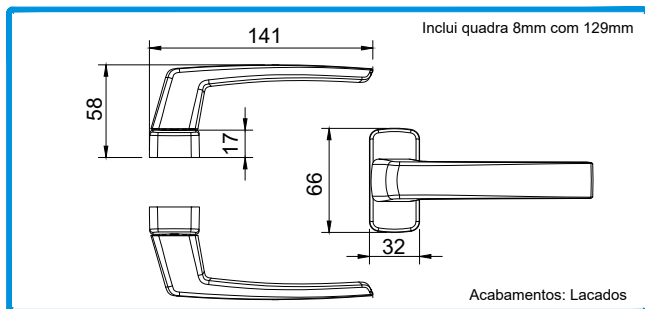


227302

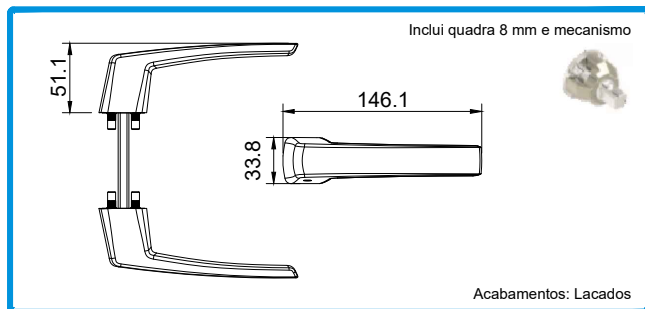
Compatível com Puxador duplo 615

QUADRA DESCENTRADA 130mm

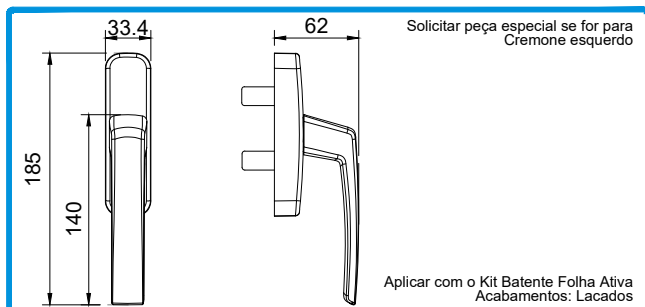
LINHA CUBIC | CUBIC LINE | LIGNE CUBIC



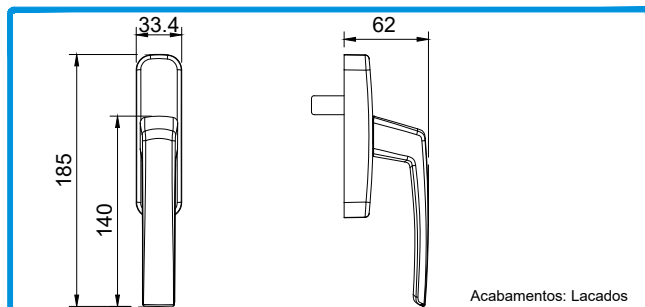
200792 PUXADOR DE PORTA DUPLO CUBIC



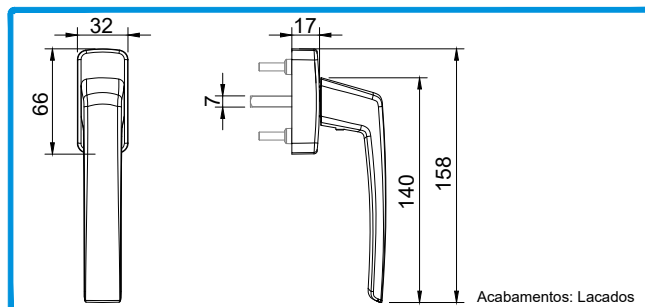
200849 PUXADOR DE PORTA MINIMALISTA CUBIC



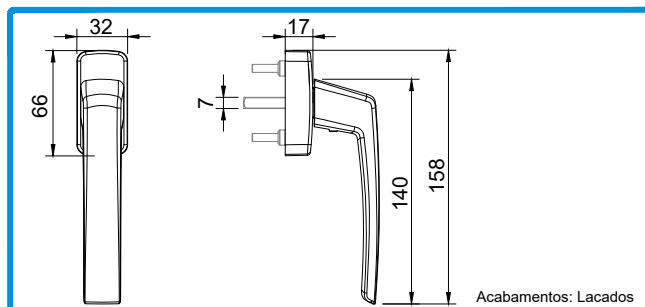
200508 CREMONE BATENTE CUBIC



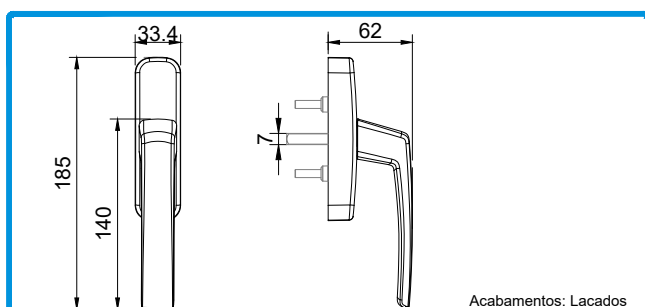
200507 CREMONE OSCILO-BATENTE CUBIC



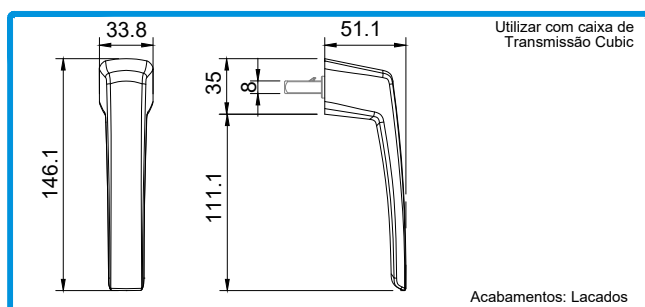
200793 MANETE DE QUADRA CUBIC



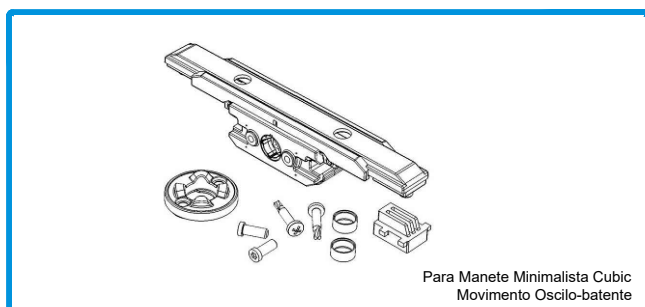
200794 MANETE DE QUADRA DE SEGURANÇA CUBIC



200509 CREMONE DE QUADRA CUBIC

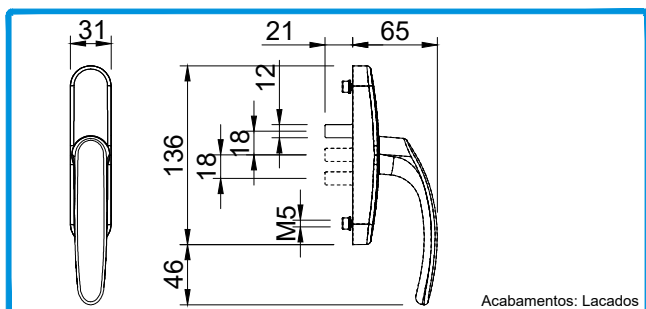


200798 MANETE MINIMALISTA CUBIC



203017 CAIXA TRANSMISSÃO PARA MANETE MINIMALISTA CUBIC + MECANISMO BASE

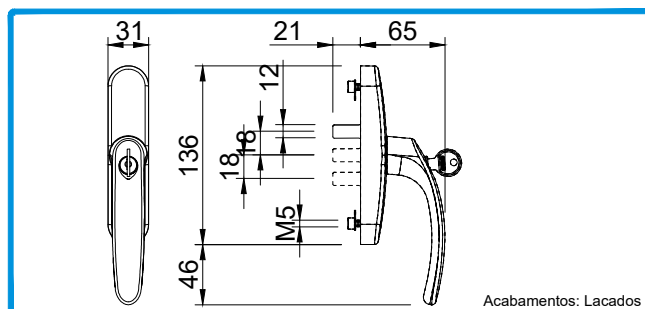
LINHA SOSOARES | SOSOARES LINE | LIGNE SOSOARES



200453

CREMONE SB P/O-B 645

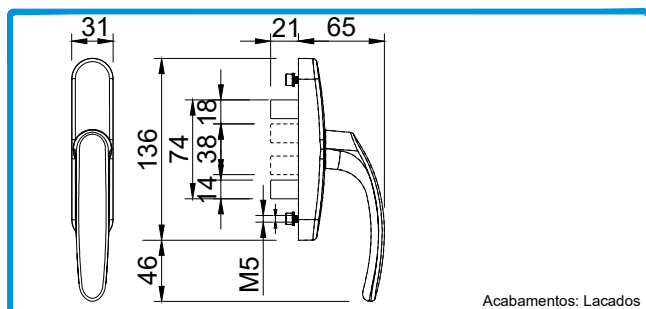
Acabamentos: Lacados



200169

CREMONE SB P/O-B 645 C/CHAVE

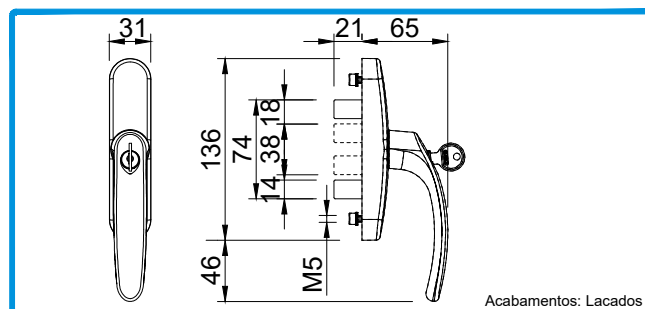
Acabamentos: Lacados



200936

CREMONE SB 620

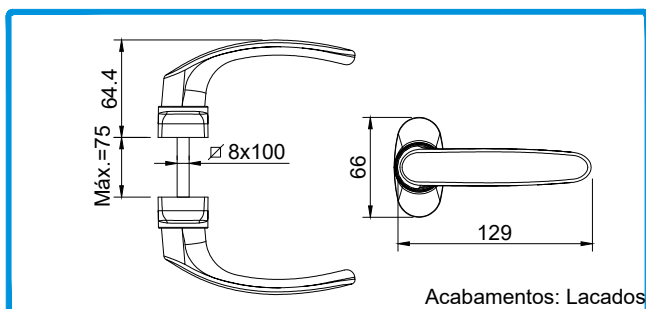
Acabamentos: Lacados



200384

CREMONE 620K C/CHAVE

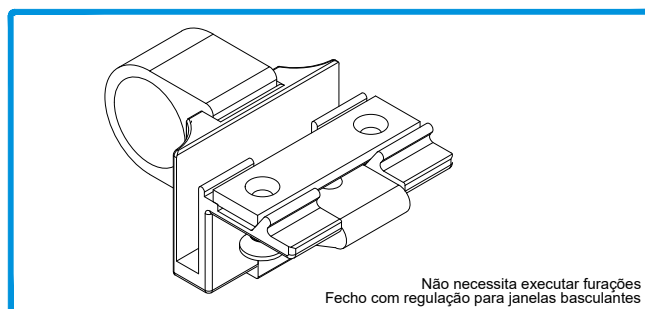
Acabamentos: Lacados



200920

PUXADOR DUPLO 615

Acabamentos: Lacados



201547 FECHO P/BASCULANTE REGULÁVEL 509R (Br., Pr.ou Cinza)

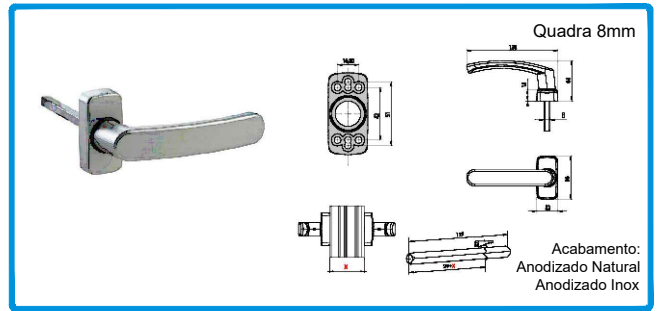
Não necessita executar furações
Fecho com regulação para janelas basculantes

LINHA ANODIZADA | ANODIZADA LINE | LIGNE ANODIZADA



200633

PUXADOR DUPLO ANODIZADO



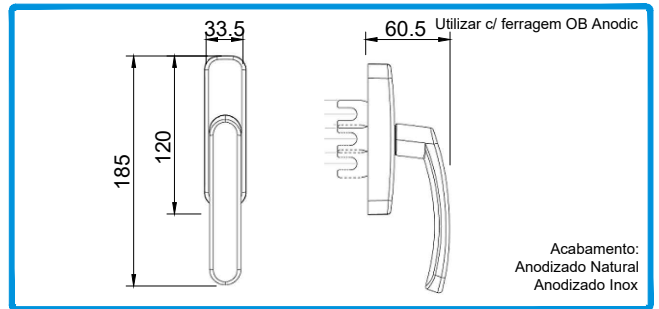
200990

PUXADOR PORTA SIMPLES ANODIZADO



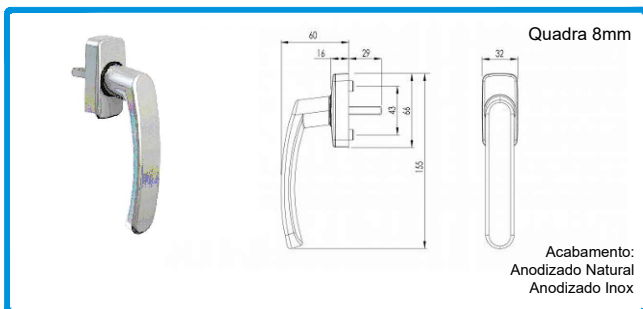
200317

CREMONE BATENTE ANODIZADA



200510

CREMONE ANODIZADA



200803

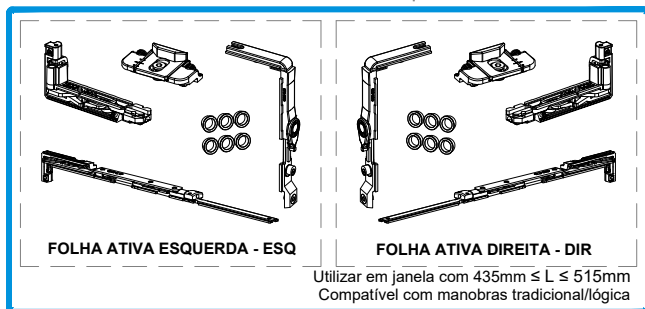
MANETE DE QUADRA DE SEGURANÇA ANODIZADA



201081

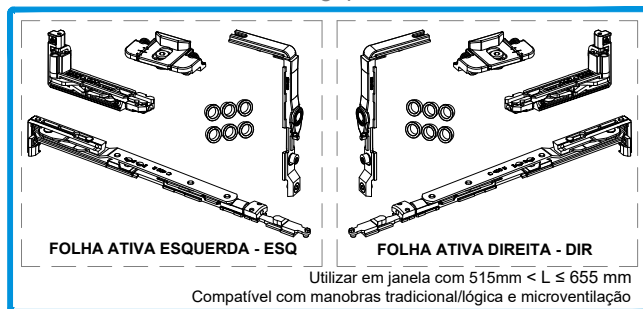
FECHO P/ BASCULANTE 156081 ANOD NATURAL

FERRAGEM OSCILO-BATENTE SECRET - Manobra Lógica e Tradicional | TILT-AND-TURN HARDWARE SECRET
- Tilt first and Traditional manoeuvre | FERRURE OSCILO-BATTANT SECRET - Manoeuvre Logique et Traditionnelle



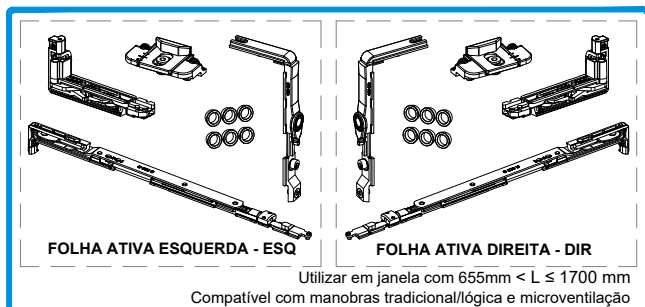
223156
223157

KIT OB OCULTO + COMP. 300 ESQ
KIT OB OCULTO + COMP. 300 DIR



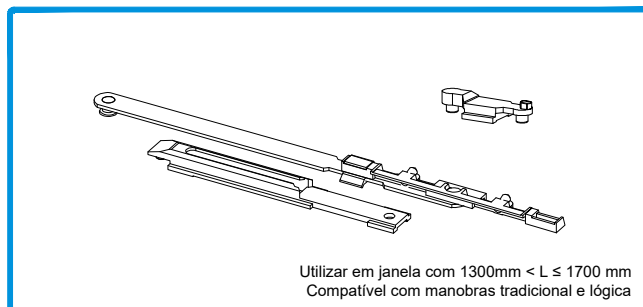
223092
223093

KIT OB OCULTO + COMP. 400 ESQ
KIT OB OCULTO + COMP. 400 DIR



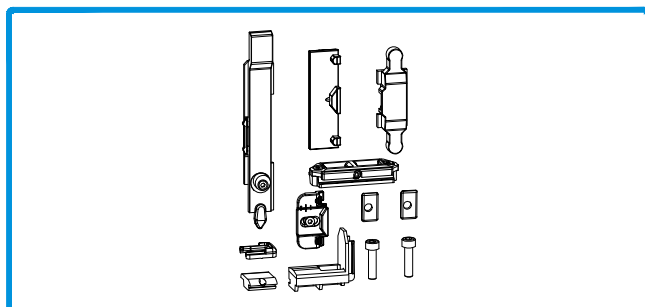
223094
223095

KIT OB OCULTO + COMP. 500 ESQ
KIT OB OCULTO + COMP. 500 DIR



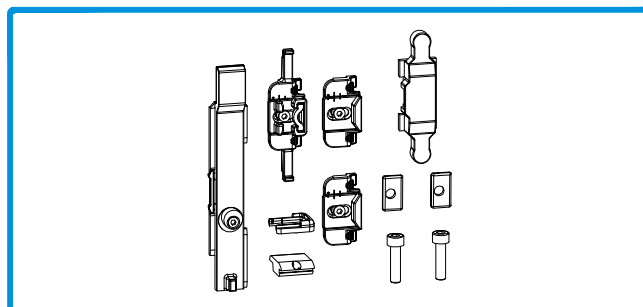
202518

COMPASSO SUPLEM. OCULTO



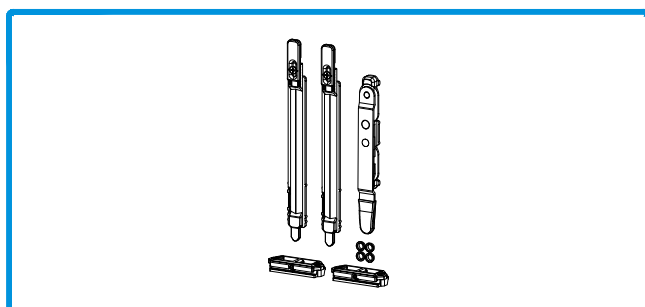
299200

CARTÃO BASE OB MANOBRA TRADICIONAL



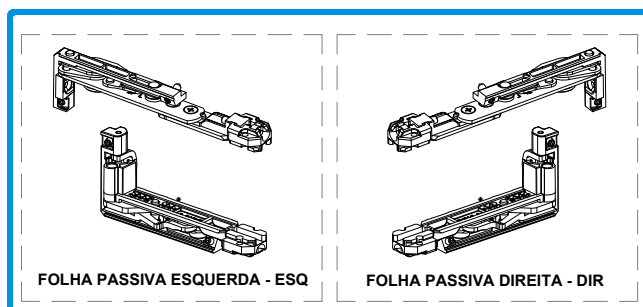
299201

CARTÃO BASE OB MANOBRA LÓGICA



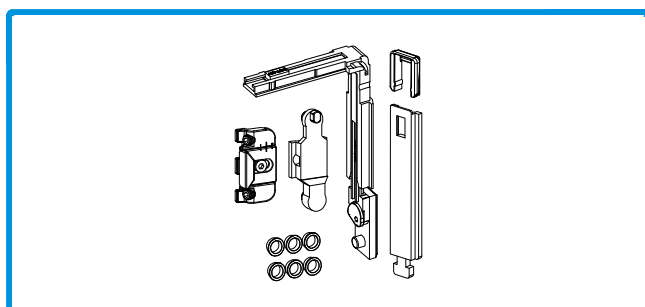
225006

PASSADOR BIDIRECIONAL 2ºF



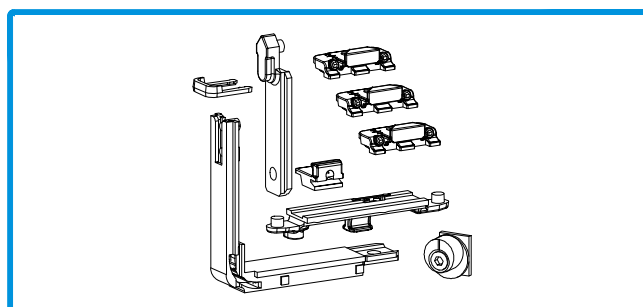
212259
212233

CONJ. DOB. OCULTA 2ºF ESQ
CONJ. DOB. OCULTA 2ºF DIR



211028

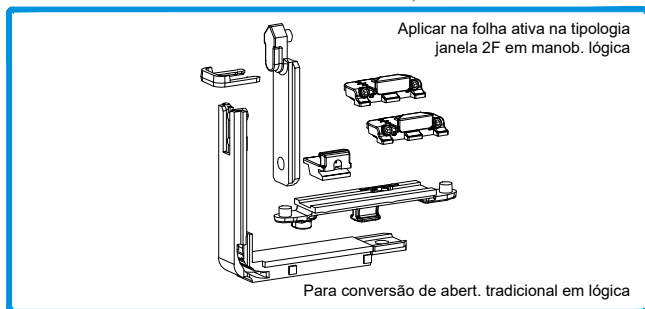
PONTO FECHO EXTRA VERT.



211029

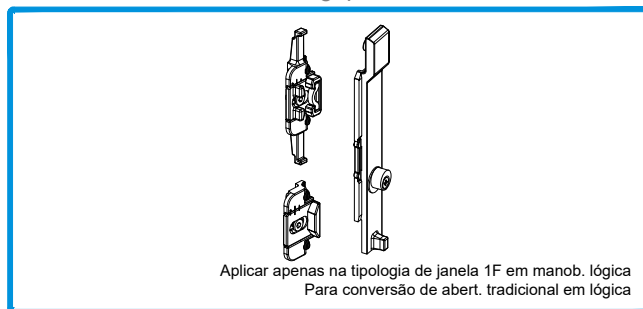
PONTO FECHO EXTRA HORIZ.

FERRAGEM OSCILO-BATENTE SECRET - Manobra Lógica e Tradicional | TILT-AND-TURN HARDWARE SECRET
- Tilt first and Traditional manoeuvre | FERRURE OSCILO-BATTANT SECRET - Manoeuvre Logique et Traditionnelle



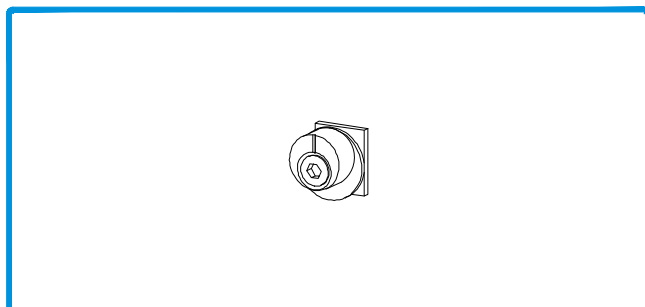
223097

KIT ADICIONAL 2ªF MANOB. LÓGICA



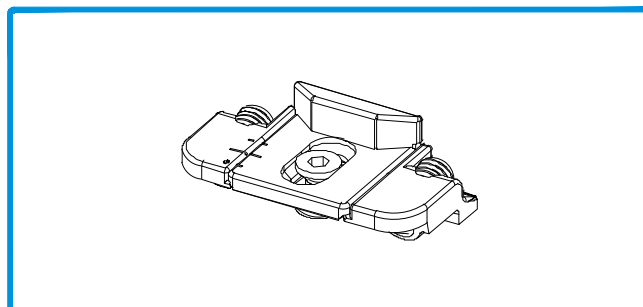
223096

KIT ADICIONAL MANOB. LOGICA



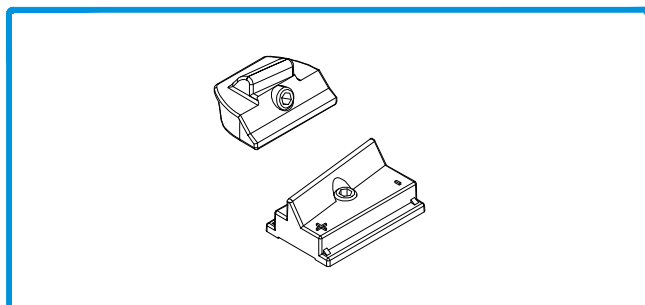
211030

PONTO DE FECHO OB 95



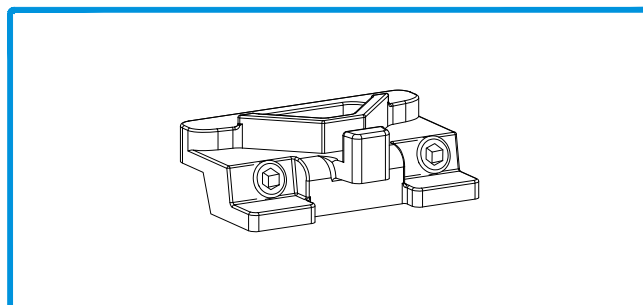
202318

CONTRA-FECHO OB 25



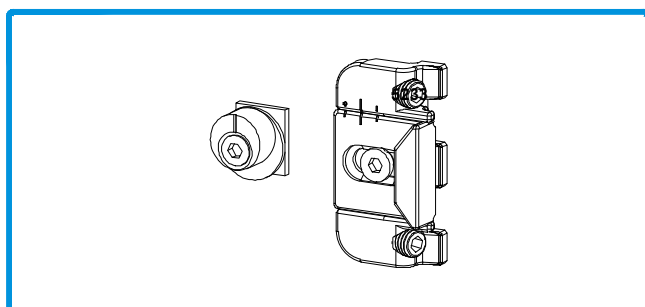
211539

PONTO FECHO RAMPA 2ª FOLHA 18230



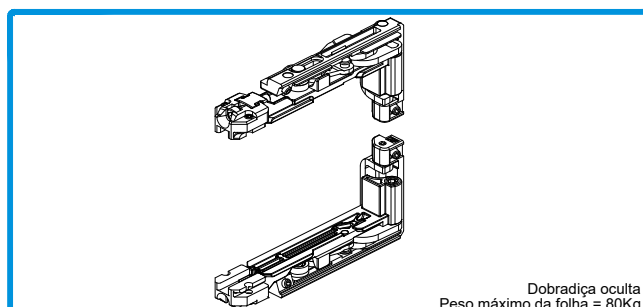
299091

MICRO-VENTILAÇÃO OB 5250



212232

CONJ. FECHO OB 5233



222121

JOGO DOBRADIÇA 3020 (Zamak Preto)

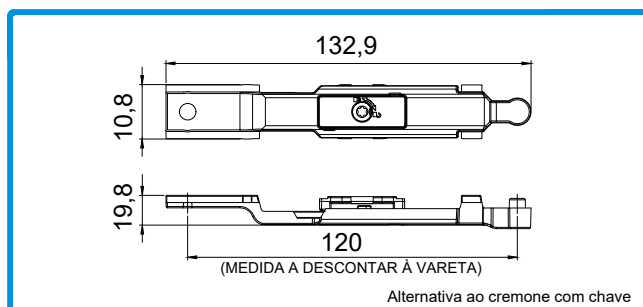
Dobradiça oculta
Peso máximo da folha = 80Kg



223071

KIT BASCULANTE DOBRADIÇAS OCULTAS

Peso máximo = 100Kg/folha
Dimensões:
Largura folha: 1200mm
Altura folha: 2500mm



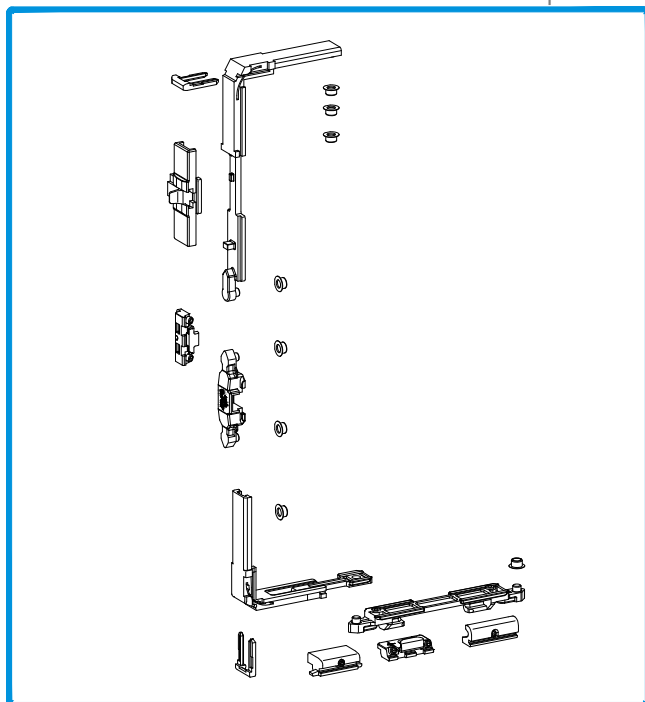
299109

SEQUENCIADOR DE MANOB. LÓGICA

Alternativa ao cremone com chave

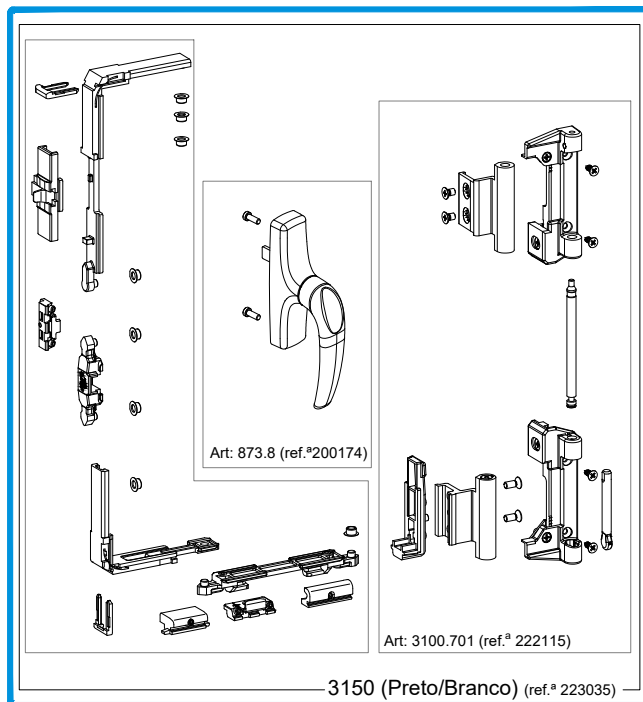
FERRAGEM OSCILO-BATENTE RIBANTA 3

TILT-AND-TURN HARDWARE RIBANTA 3 | FERRURE OSCILO-BATTANT RIBANTA 3



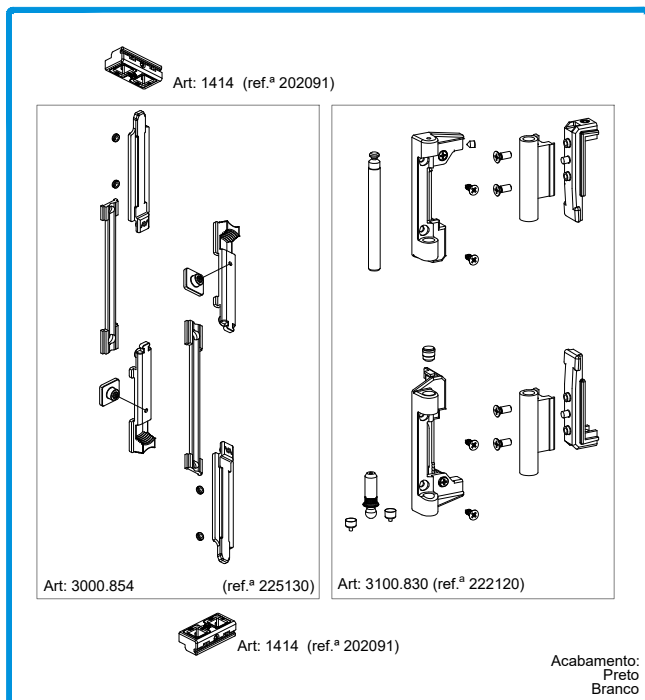
223035

KIT OSC-BATENTE 3150



223029

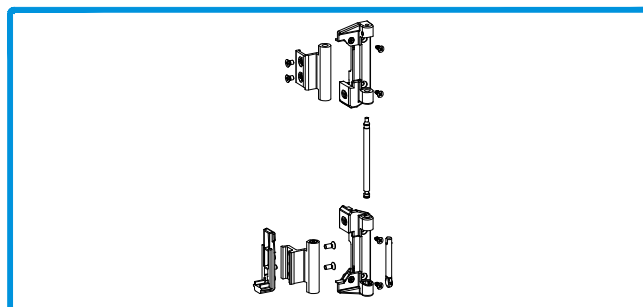
KIT OSC-BATENTE 1 FOLHA S/COMPASSO F3150.92 RB3 (Br./Pr.)



223030

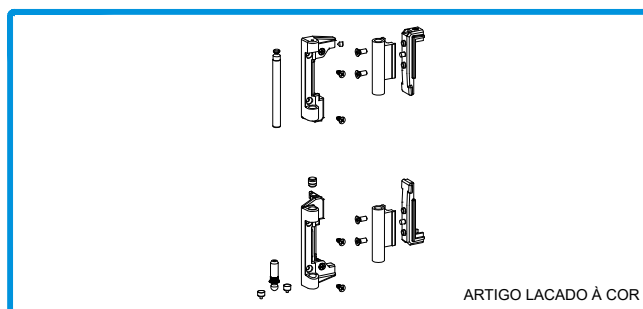
KIT 2ª FOLHA F31830.92 RB3 (Br./Pr.)

Acabamento:
Preto
Branco



222115

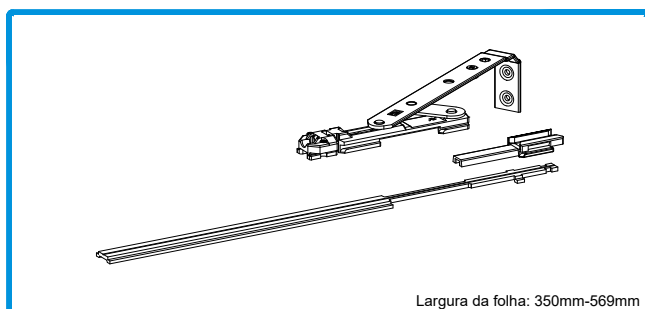
JOGO DOBRADIÇA 3100.701



222120

JOGO DOBRADIÇA 3100.830

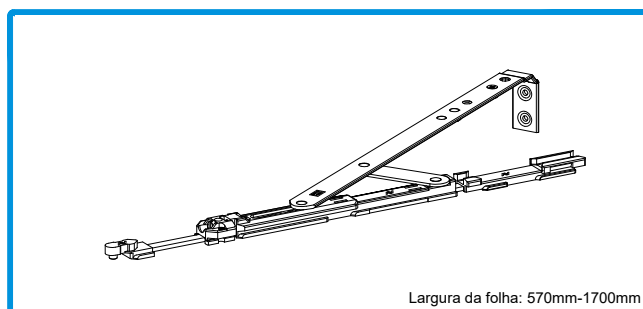
ARTIGO LACADO À COR



202060

COMPASSO CURTO 3150.752 RB3

Largura da folha: 350mm-569mm



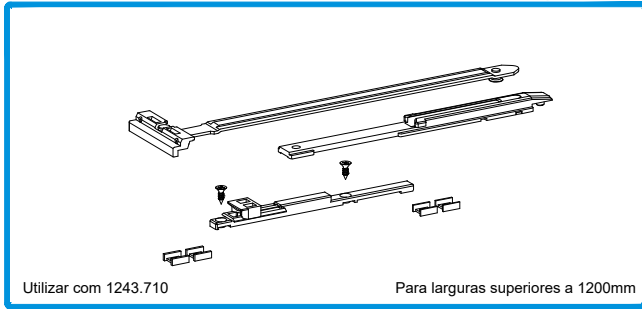
202058

COMPASSO STANDARD 3150.750 RB3

Largura da folha: 570mm-1700mm

FERRAGEM OSCILO-BATENTE RIBANTA 3

TILT-AND-TURN HARDWARE RIBANTA 3 | FERRURE OSCILO-BATTANT RIBANTA 3

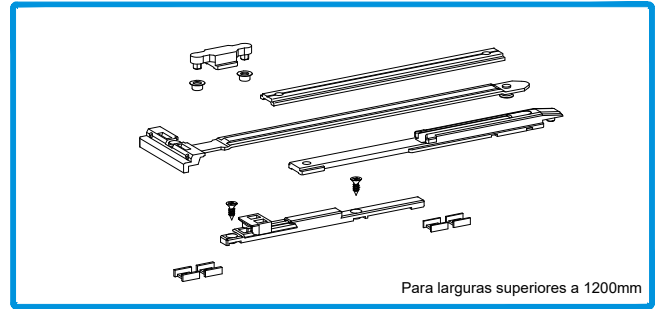


Utilizar com 1243.710

Para larguras superiores a 1200mm

202068

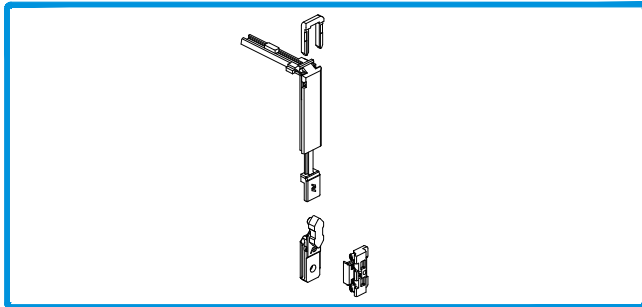
COMPASSO SUPLEMENTAR 3100.800



Para larguras superiores a 1200mm

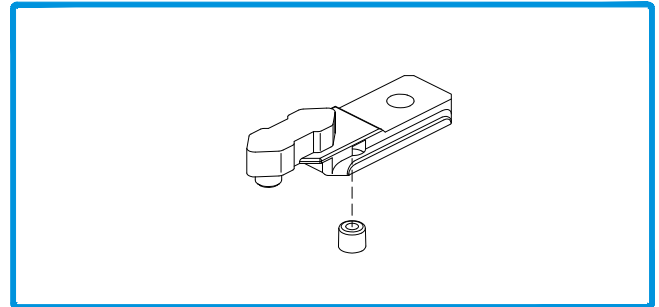
202015

COMPASSO SUPLEMENTAR 3150.800 RB3



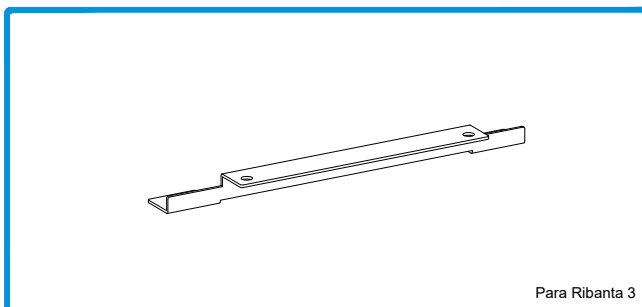
223750

KIT PARA 6 PONTOS DE FECHO 3000.820



211524

PONTO DE FECHO 3100.821



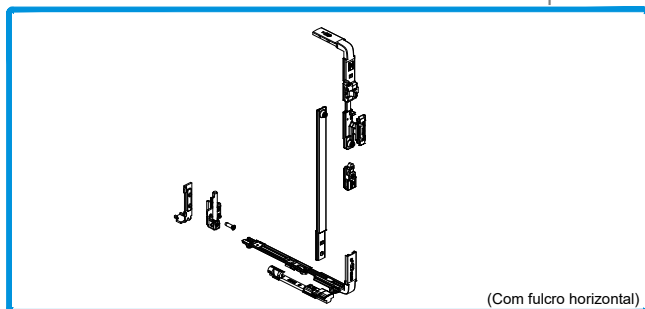
Para Ribanta 3

211211

GABARITO MONTAGEM 3100.950

FERRAGEM OSCILO-BATENTE RIBANTA 5

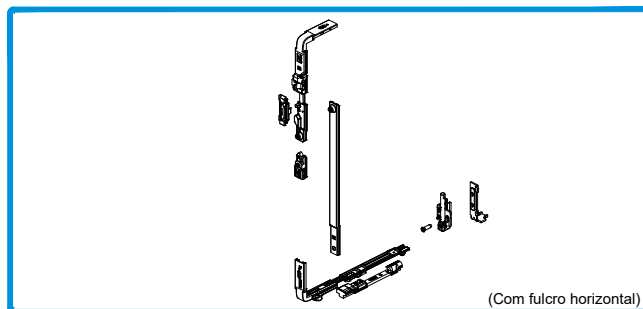
TILT-AND-TURN HARDWARE RIBANTA 5 | FERRURE OSCILO-BATTANT RIBANTA 5



299036

CARTÃO BASE 3200.2L R5 ESQUERDO

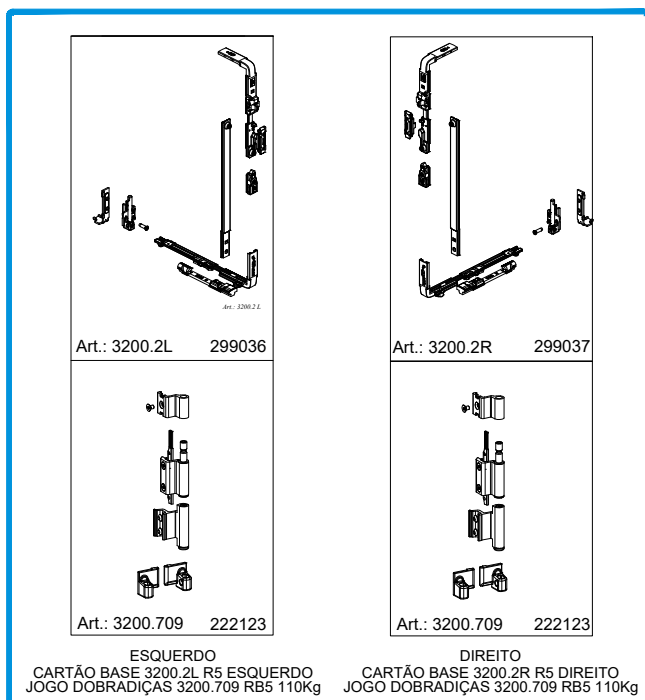
(Com fulcro horizontal)



299037

CARTÃO BASE 3200.2R R5 DIREITO

(Com fulcro horizontal)



Art.: 3200.2L 299036

Art.: 3200.2R 299037

Art.: 3200.709 222123

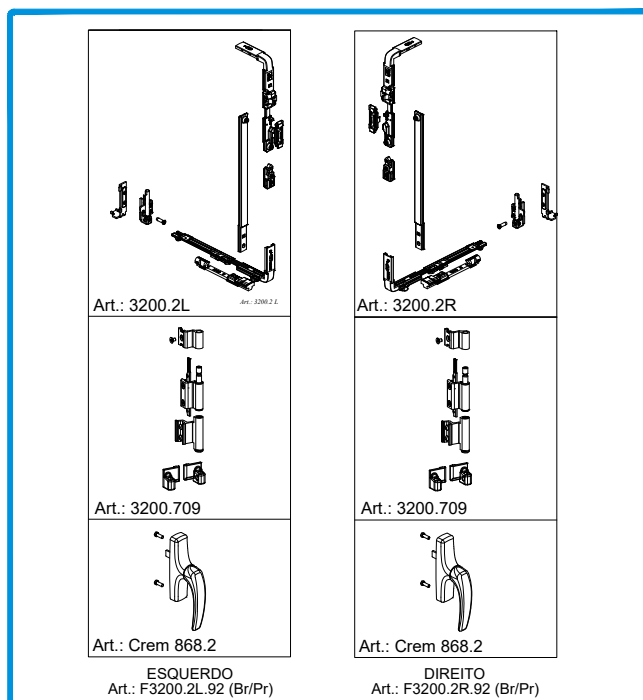
Art.: 3200.709 222123

ESQUERDO
CARTÃO BASE 3200.2L R5 ESQUERDO
JOGO DOBRADIÇAS 3200.709 RB5 110Kg

DIREITO
CARTÃO BASE 3200.2R R5 DIREITO
JOGO DOBRADIÇAS 3200.709 RB5 110Kg

299036
299037
222123

CARTÃO BASE 3200.2L R5 ESQUERDO
CARTÃO BASE 3200.2R R5 DIREITO
JOGO DOBRADIÇAS 3200.709 RB5 110Kg



Art.: 3200.2L

Art.: 3200.2R

Art.: 3200.709

Art.: 3200.709

Art.: Crem 868.2

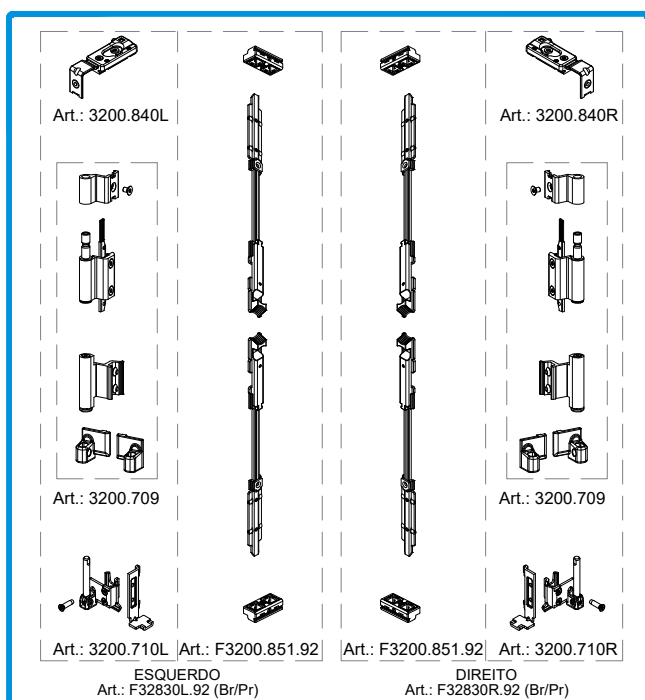
Art.: Crem 868.2

ESQUERDO
Art.: F3200.2L.92 (Br/Pr)

DIREITO
Art.: F3200.2R.92 (Br/Pr)

223027
223028

KIT OB 1F S/COMP.F3200.2L.92RB5 ESQ
KIT OB 1F S/COMP.F3200.2R.92RB5 DIR



Art.: 3200.840L

Art.: 3200.840R

Art.: 3200.709

Art.: 3200.709

Art.: 3200.710L | Art.: F3200.851.92

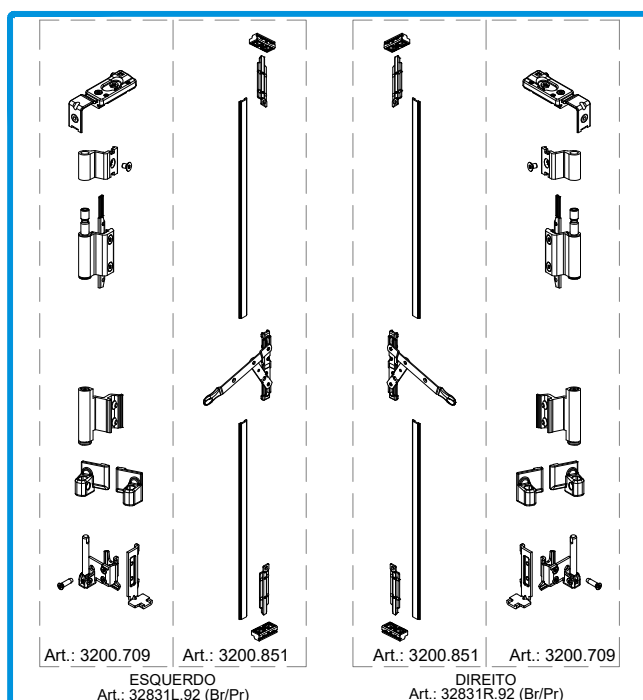
Art.: F3200.851.92 | Art.: 3200.710R

ESQUERDO
Art.: F32830L.92 (Br/Pr)

DIREITO
Art.: F32830R.92 (Br/Pr)

223023
223024

KIT 2ª FOLHA RB5 ESQUERDO
KIT 2ª FOLHA RB5 DIREITO



Art.: 3200.709 | Art.: 3200.851

Art.: 3200.851 | Art.: 3200.709

ESQUERDO
Art.: 32831L.92 (Br/Pr)

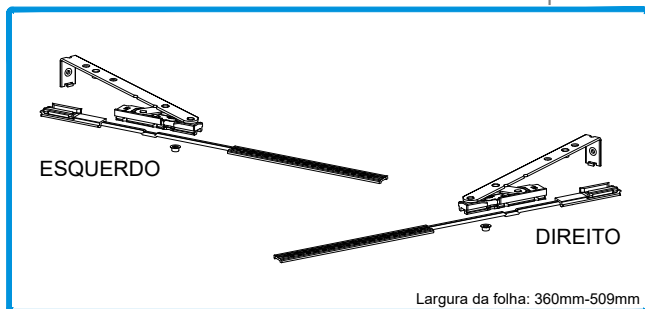
DIREITO
Art.: 32831R.92 (Br/Pr)

223025
223026

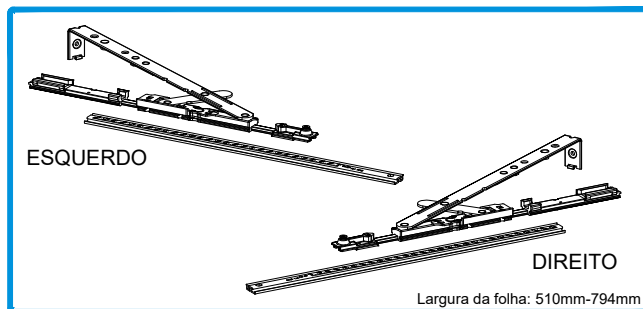
KIT 2ª F BIDIRECIONAL F32831L.92 RB5 ESQ
KIT 2ª F BIDIRECIONAL F32831R.92 RB5 DIR

FERRAGEM OSCILO-BATENTE RIBANTA 5

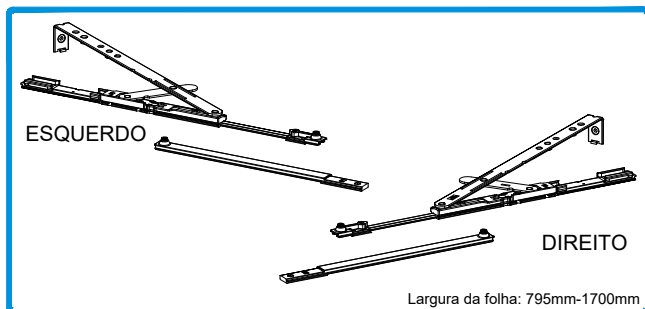
TILT-AND-TURN HARDWARE RIBANTA 5 | FERRURE OSCILO-BATTANT RIBANTA 5



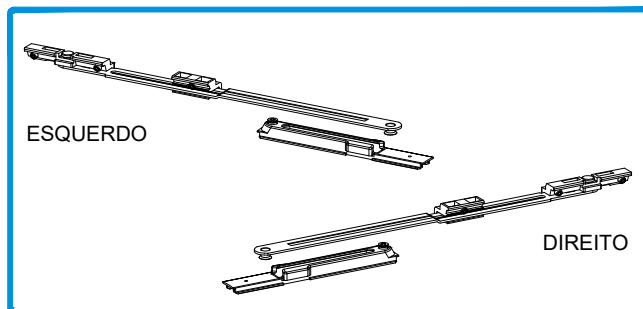
202043 COMPASSO CURTO 3200.750L RB5 ESQUERDO
202044 COMPASSO CURTO 3200.750R RB5 DIREITO



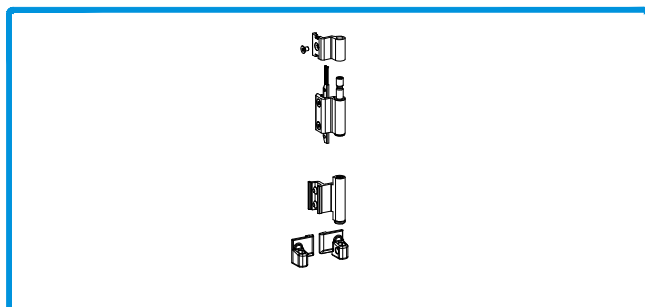
202041 COMPASSO STANDARD 3200.751L RB5 ESQUERDO
202042 COMPASSO STANDARD 3200.751R RB5 DIREITO



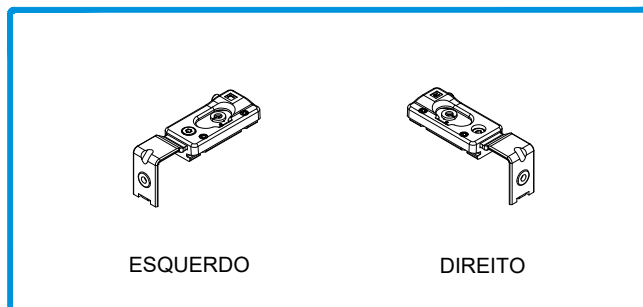
202045 COMPASSO GRANDE 3200.752L RB5 ESQUERDO
202046 COMPASSO GRANDE 3200.752R RB5 DIREITO



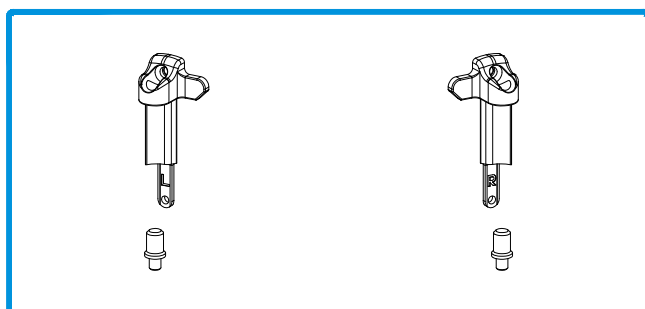
202047 COMPASSO SUPLEMENTAR 3200.800L HORIZ. RB5 ESQ.
202048 COMPASSO SUPLEMENTAR 3200.800R HORIZ. RB5 DIR.



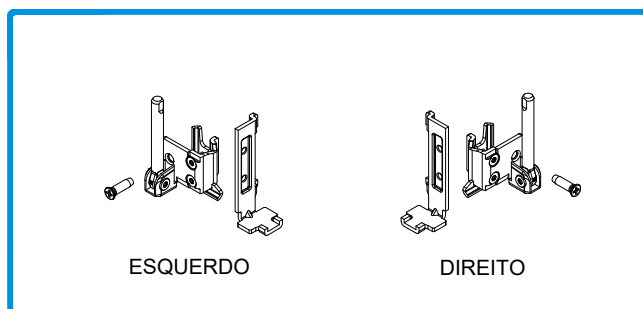
222123 JOGO DOBRADIÇAS 3200.709 RB5 110Kg



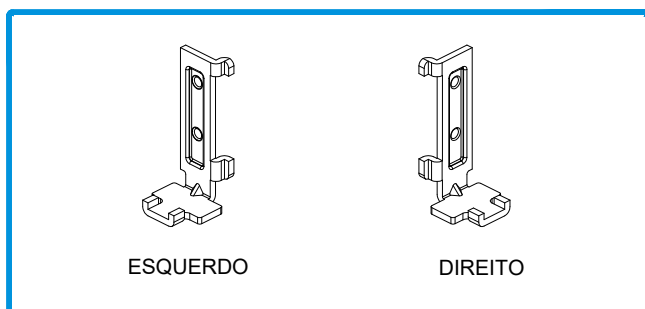
230310 SUPORTE SUPERIOR DE DOBRADIÇAS 3200.840L R5 ESQ.
230311 SUPORTE SUPERIOR DE DOBRADIÇAS 3200.840R R5 DIR.



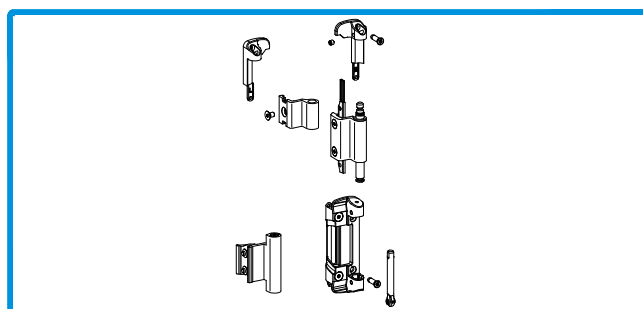
299038 REFORÇO DE DOBRADIÇA PARA 140Kg 3200.708L RB5 ESQ.
299039 REFORÇO DE DOBRADIÇA PARA 140Kg 3200.708R RB5 DIR.



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



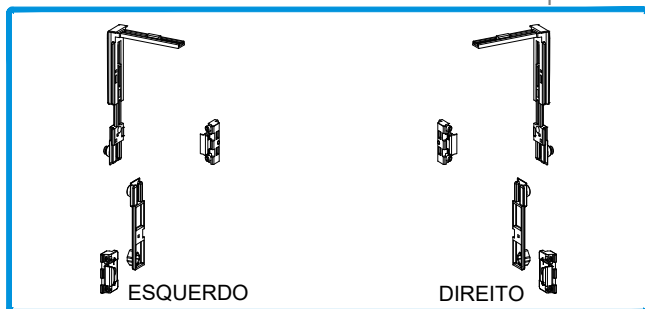
230342 SUPORTE DE DOBRADIÇAS 3200.700L RB5 170Kg ESQ. (Br./Pr.)
230343 SUPORTE DE DOBRADIÇAS 3200.700R RB5 170Kg DIR. (Br./Pr.)



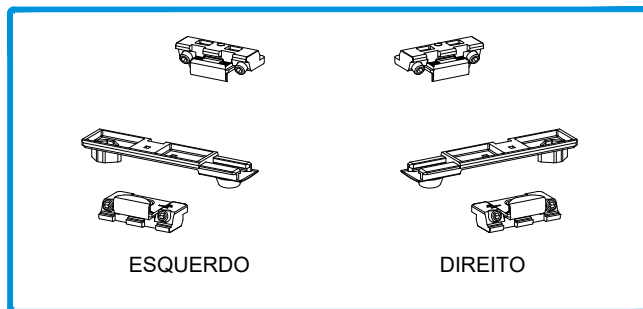
223061 JOGO DE DOBRADIÇAS 3200.701 RB5 170Kg (Br./Pr.)

FERRAGEM OSCILO-BATENTE RIBANTA 5

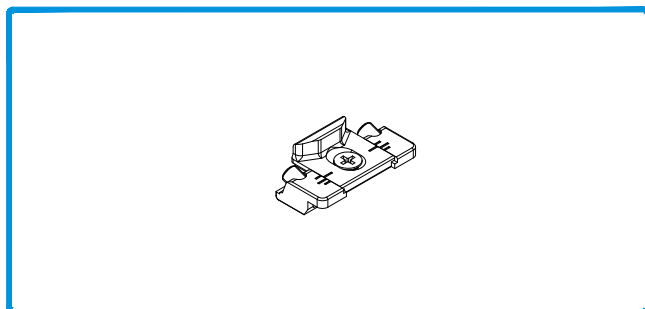
TILT-AND-TURN HARDWARE RIBANTA 5 | FERRURE OSCILO-BATTANT RIBANTA 5



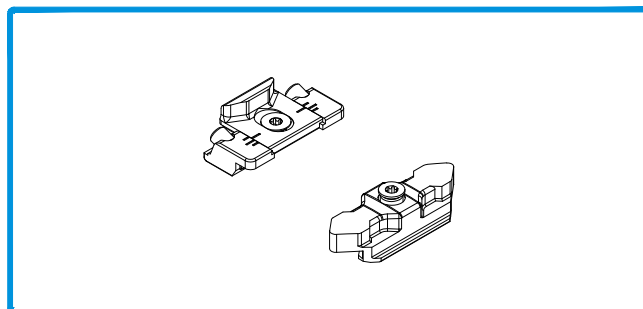
211024 PONTOS DE FECHO EXTRA 3200.820L VERT. RB5 ESQ.
211025 PONTOS DE FECHO EXTRA 3200.820R VERT. RB5 DIR.



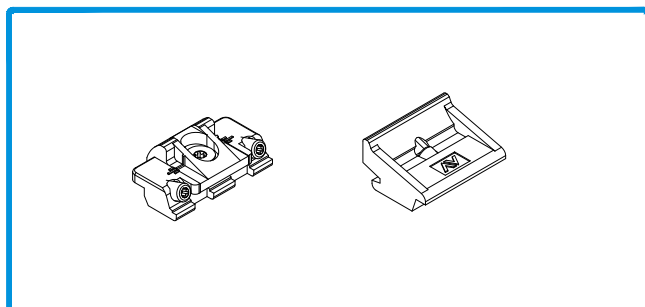
211022 PONTOS DE FECHO EXTRA 3200.825L HORIZ. RB5 ESQ.
211023 PONTOS DE FECHO EXTRA 3200.825R HORIZ. RB5 DIR.



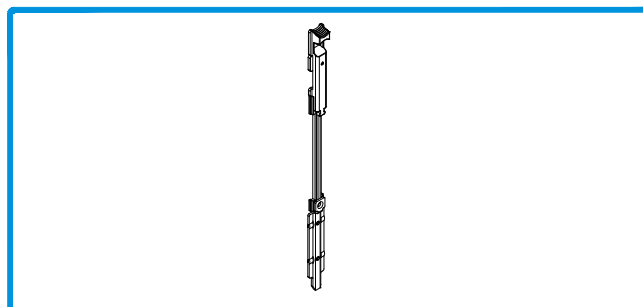
211026 PONTO DE FECHO SUPLEMENTAR FIXO 1243.721W RB5



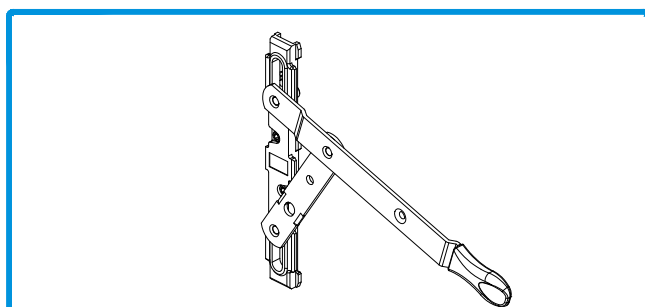
211027 PONTO DE FECHO SUPLEMENTAR FIXO/MÓVEL 3200.810 RB5



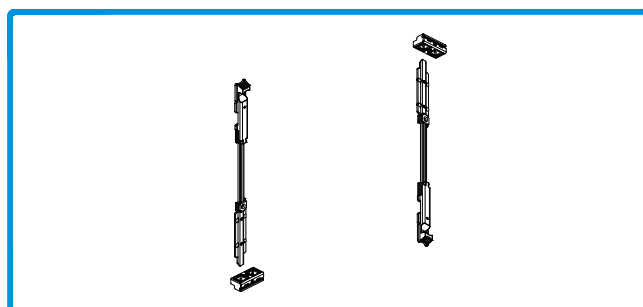
201044 FECHO SUPLEMENTAR 1246.832W RB5



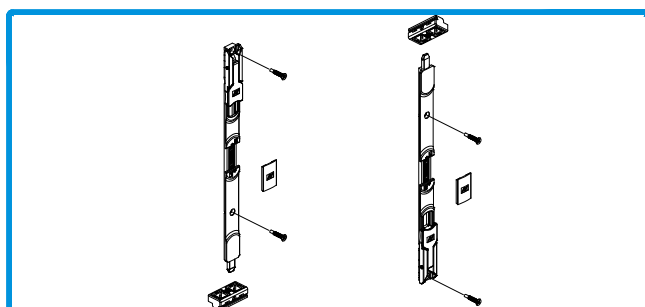
225168 PASSADOR COM PONTEIRA INOX 3200.851RB5



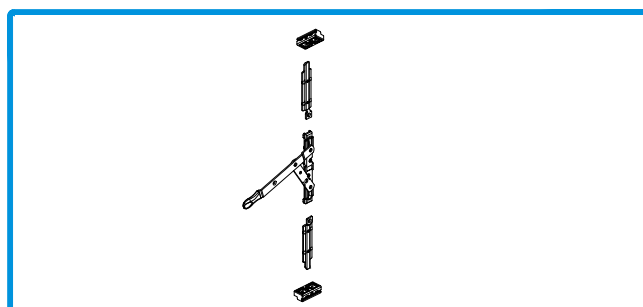
225169 PASSADOR DE ALAVANCA BIDIRECIONAL 1538 RB5



212091 CONJ. FECHOS PASSADOR 2ª FOLHA Inox F3200.851.92 RB5



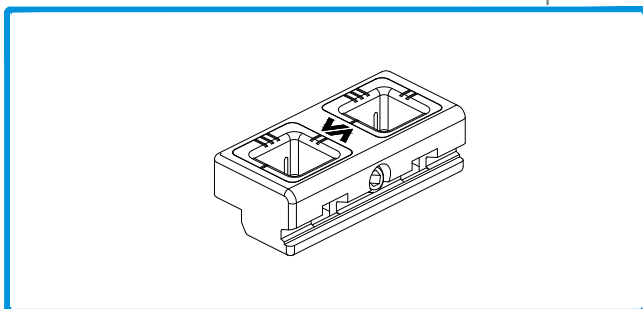
212095 CONJUNTO FECHOS DE ALAVANCA 2ª FOLHA F1539 RB5



212139 CONJUNTO DE FECHO ALAVANCA BIDIRECIONAL 2ª FOLHA Inox F1538.4 RB5

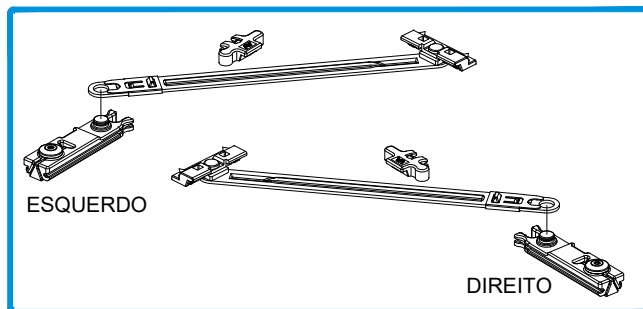
FERRAGEM OSCILO-BATENTE RIBANTA 5

TILT-AND-TURN HARDWARE RIBANTA 5 | FERRURE OSCILO-BATTANT RIBANTA 5



202316

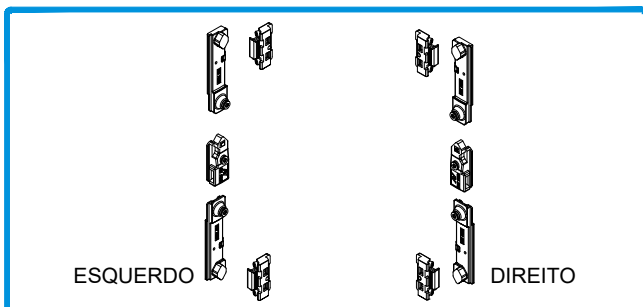
CONTRA-FECHO DUPLO REG. 1414W RB5



ESQUERDO

DIREITO

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

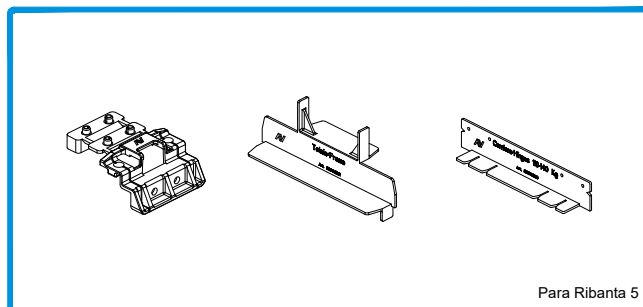


ESQUERDO

DIREITO

223021
223022

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



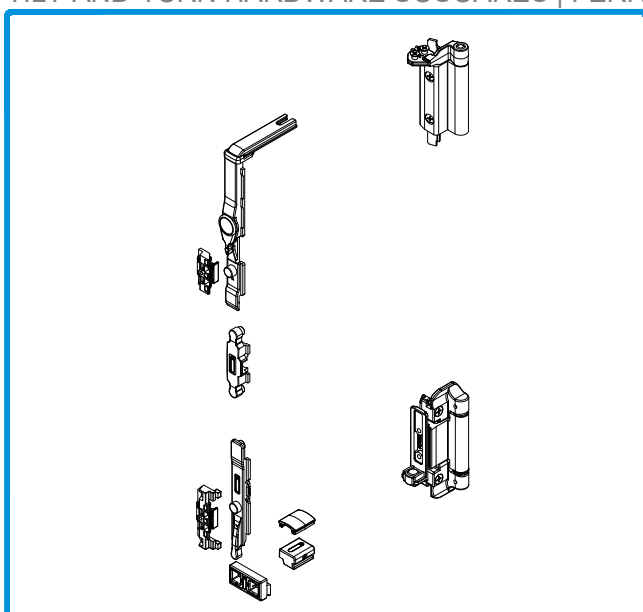
212220

CONJUNTO GABARITOS 3200.954

Para Ribanta 5

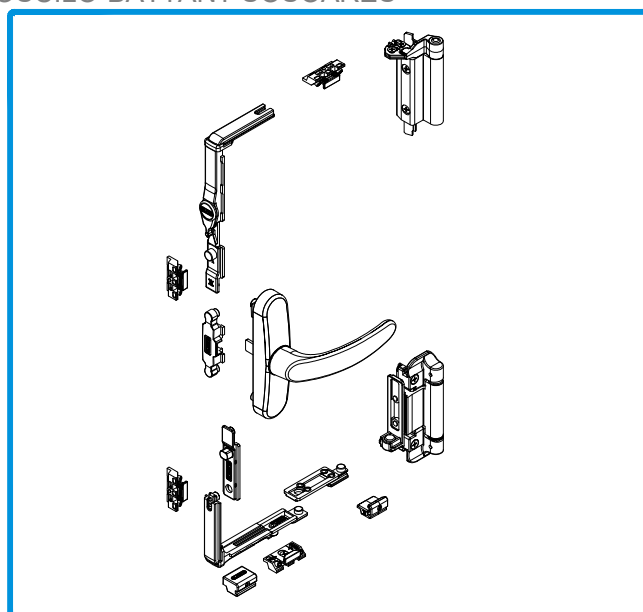
FERRAGEM OSCILO-BATENTE SOSOARES

TILT-AND-TURN HARDWARE SOSOARES | FERRURE OSCILO-BATTANT SOSOARES



223252

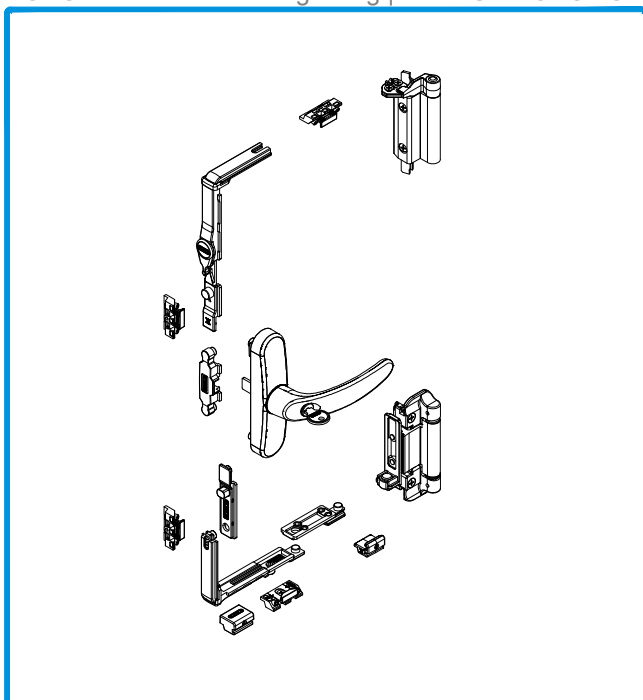
KIT OSOLOBATENTE OBS1 S/CREMONE



223461

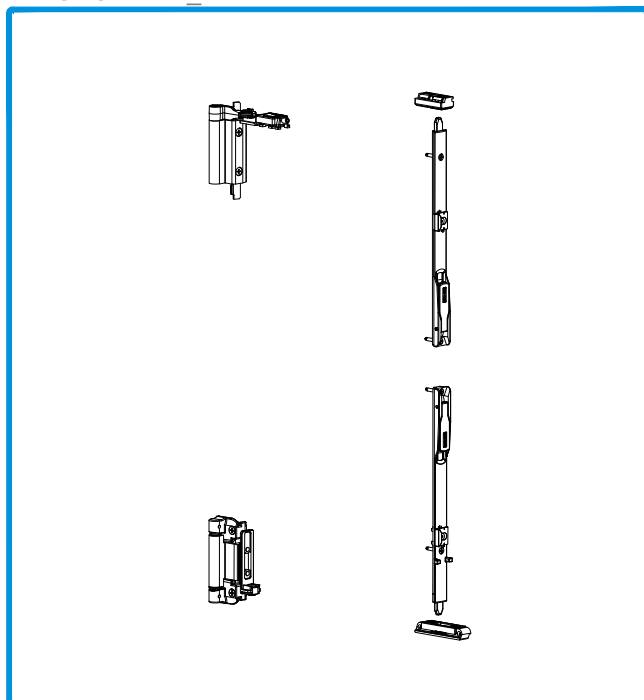
KIT OSOLOBATENTE BASE

FERRAGEM OSCILO-BATENTE SOSOARES - Manobra Lógica e Tradicional | TILT-AND-TURN HARDWARE
SOSOARES - Traditional gearing | FERRURE OSCILO-BATTANT SOSOARES _ Manoeuvre Traditionnelle



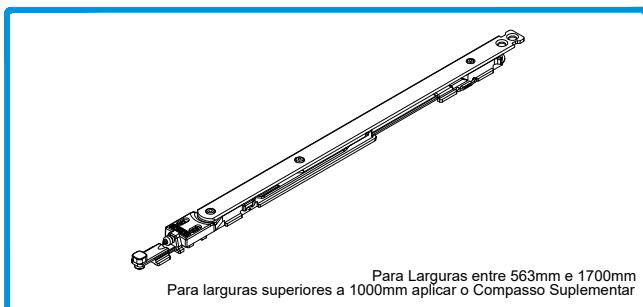
223462

KIT OSCIOBATENTE COM CHAVE



223463

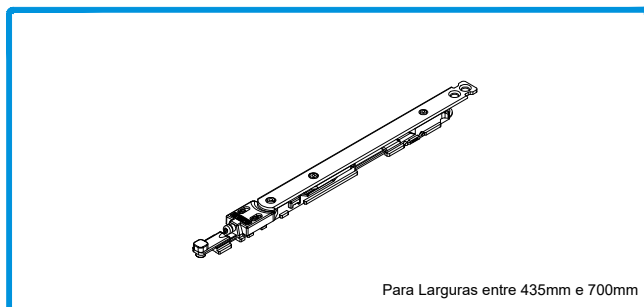
KIT PARA 2ª FOLHA



202505

COMPASSO OSCILO 18214 GRANDE

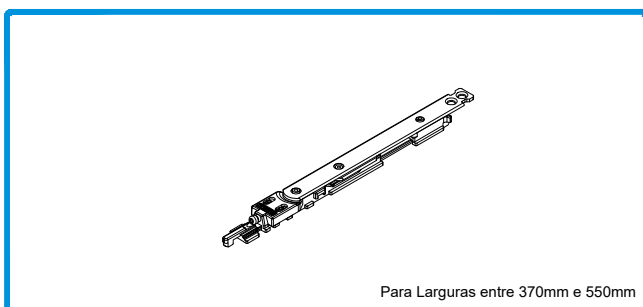
Para Larguras entre 563mm e 1700mm
Para larguras superiores a 1000mm aplicar o Compasso Suplementar



202506

COMPASSO OSCILO 18213 PEQUENO

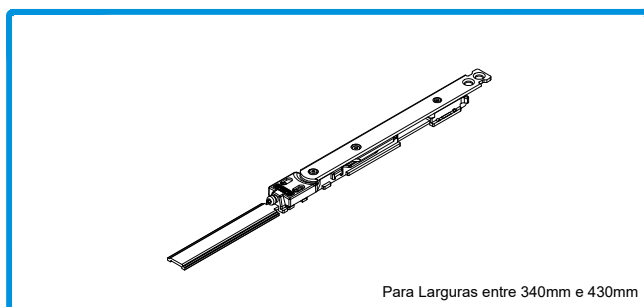
Para Larguras entre 435mm e 700mm



202507

COMPASSO OSCILO 18223 MINI

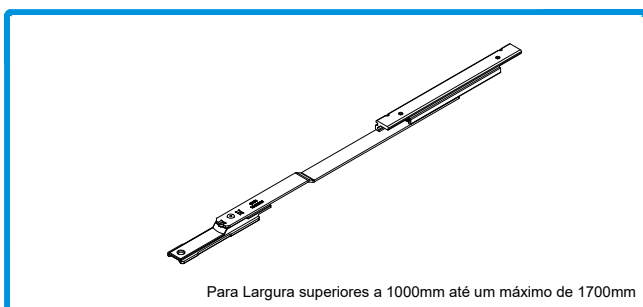
Para Larguras entre 370mm e 550mm



202508

COMPASSO OSCILO 18232 MICRO

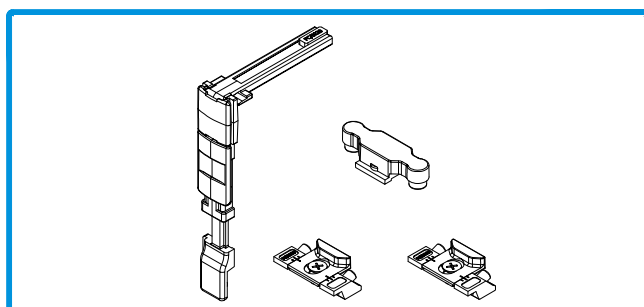
Para Larguras entre 340mm e 430mm



202069

COMPASSO SUPLEMENTAR 130300

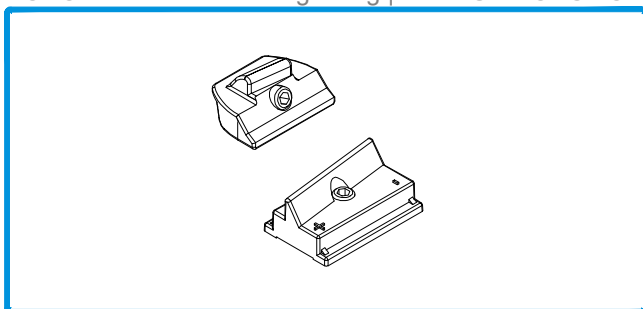
Para Largura superiores a 1000mm até um máximo de 1700mm



212100

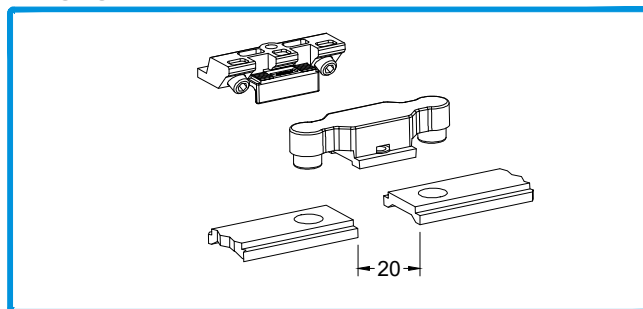
CONJ. FECHO SUPLEMENTAR HV - 18216

FERRAGEM OSCILO-BATENTE SOSOARES - Manobra Lógica e Tradicional | TILT-AND-TURN HARDWARE
SOSOARES - Traditional gearing | FERRURE OSCILO-BATTANT SOSOARES - Manoeuvre Traditionnelle



211539

PONTO FECHO RAMPA 2ª FOLHA 18230

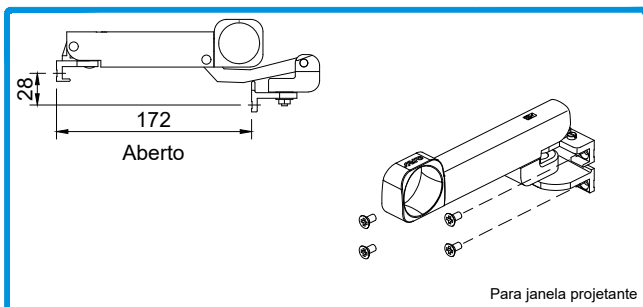


212101

CONJ. FECHO SUPLEMENTAR 18222

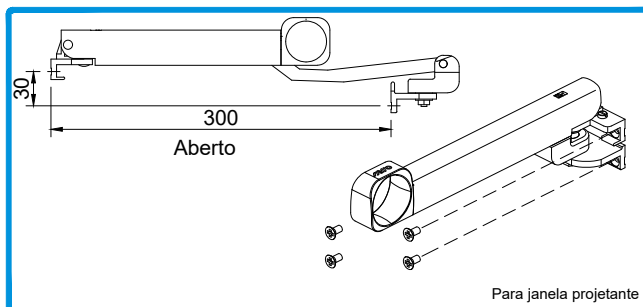
ACESSÓRIOS COMPLEMENTARES

COMPLEMENTARY ACCESSORIES | ACCESSOIRES COMPLÉMENTAIRES



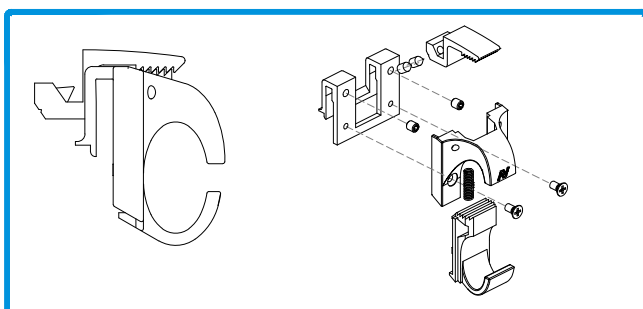
214253

COMANDO 1206.1/1 LAC. 905



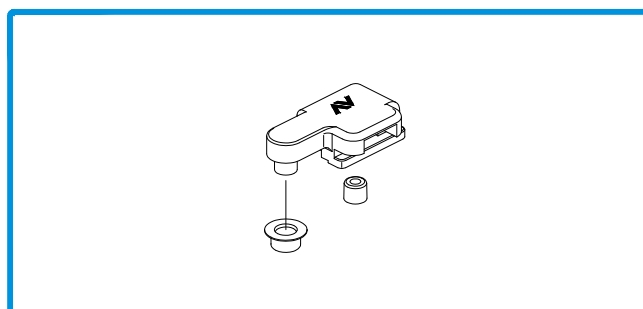
202605

COMANDO 1206.1/2 LAC. 900



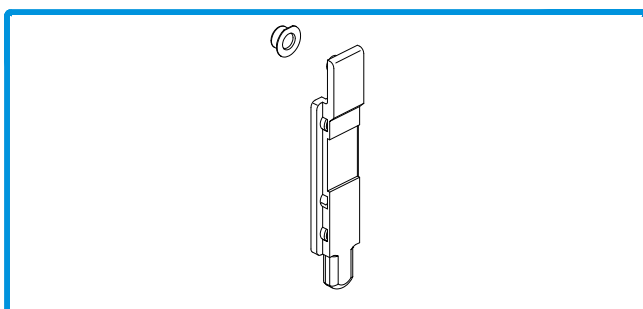
201497

FECHO P/BASCULANTE 1370.1



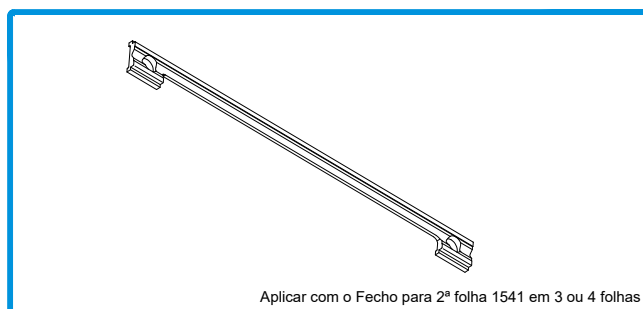
215114

PEÇA CREMONE VARETA 1481



206490

TERMINAL VARETA 1486



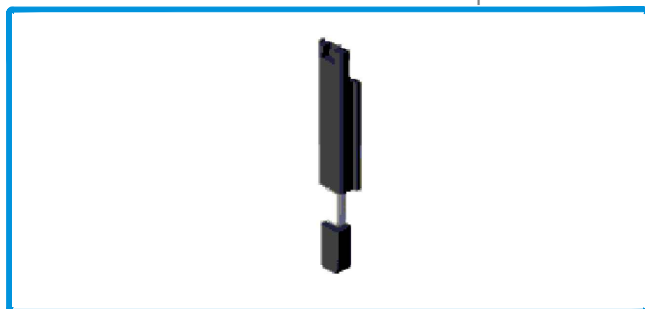
214280

Aplicar com o Fecho para 2ª folha 1541 em 3 ou 4 folhas

VARETA 1541.820

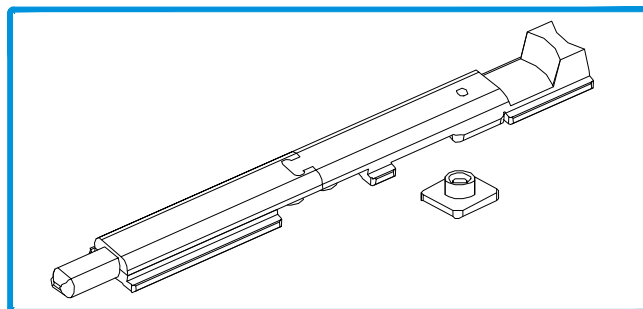
ACESSÓRIOS COMPLEMENTARES

COMPLEMENTARY ACCESSORIES | ACCESSOIRES COMPLÉMENTAIRES



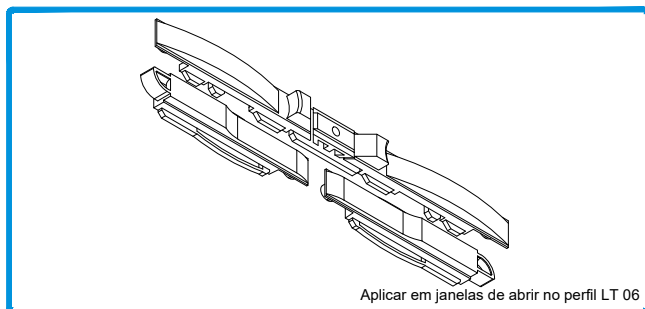
206500

TERMINAL VARETA 2000



201490

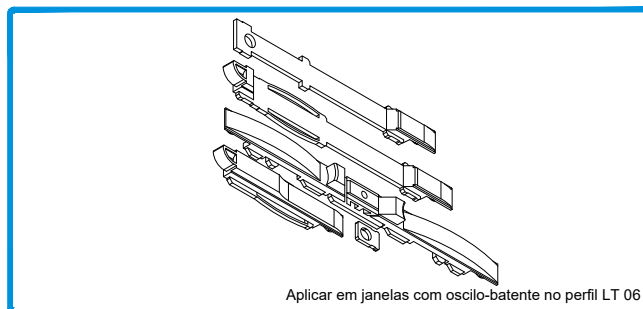
FECHO PARA 2ª FOLHA 1541



Aplicar em janelas de abrir no perfil LT 06

201507

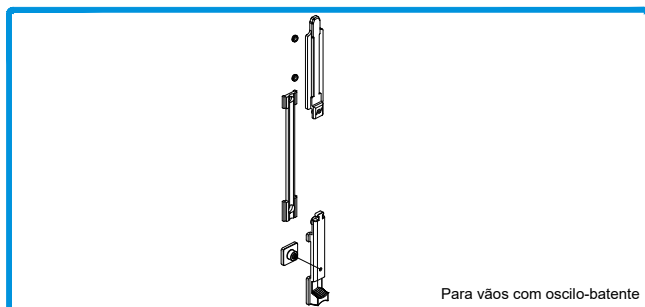
FECHO SEMI-AUTO PARA 2ª FOLHA C501



Aplicar em janelas com oscilo-batente no perfil LT 06

201030

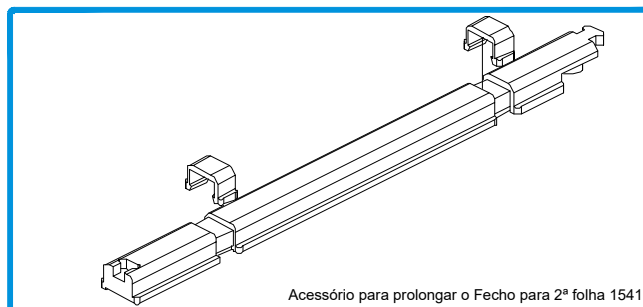
FECHO SEMI-AUTO PARA 2ª F C/O-B C6006



Para vãos com oscilo-batente

225130

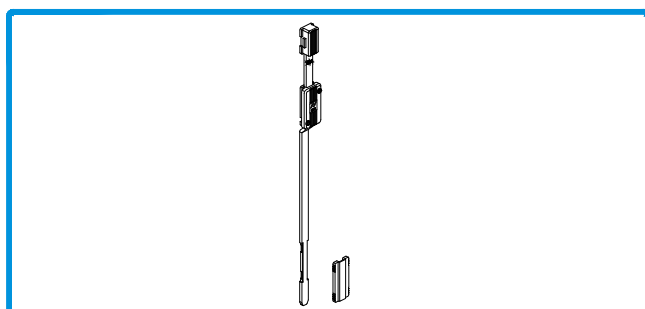
PASSADOR 3000.854



Accessório para prolongar o Fecho para 2ª folha 1541

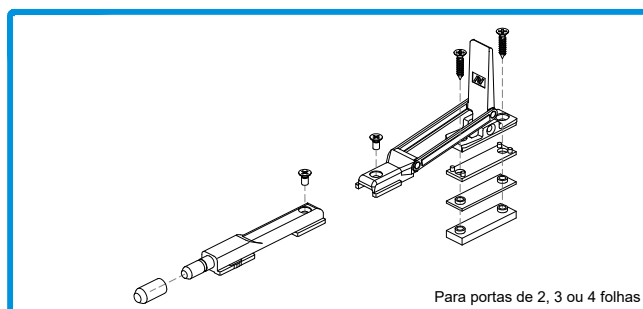
401001

ALONGAMENTO 1541.800



225205

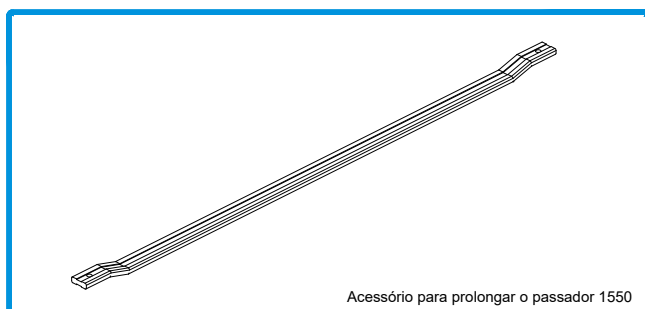
PASSADOR PARA 2ª FOLHA 1545.2



Para portas de 2, 3 ou 4 folhas

225155

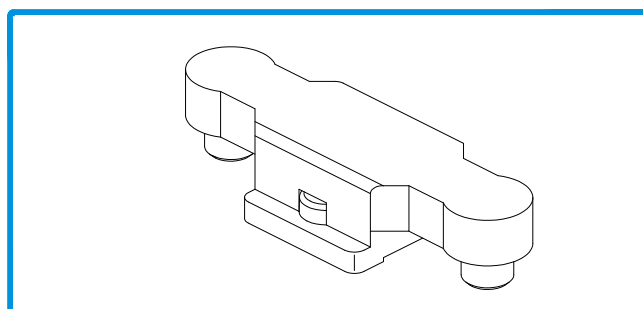
PASSADOR REVERSÍVEL 1550



Accessório para prolongar o passador 1550

221154

HASTE FECHO 1550.801

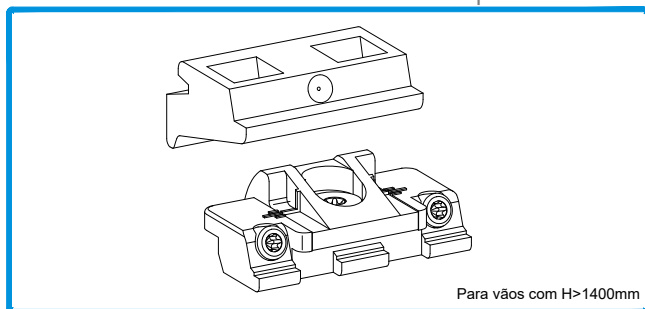


201463

FECHO LATERAL 1243.710

ACESSÓRIOS COMPLEMENTARES

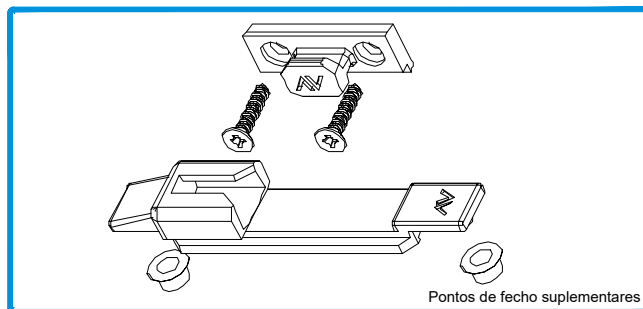
COMPLEMENTARY ACCESSORIES | ACCESSOIRES COMPLÉMENTAIRES



Para vãos com H>1400mm

201537

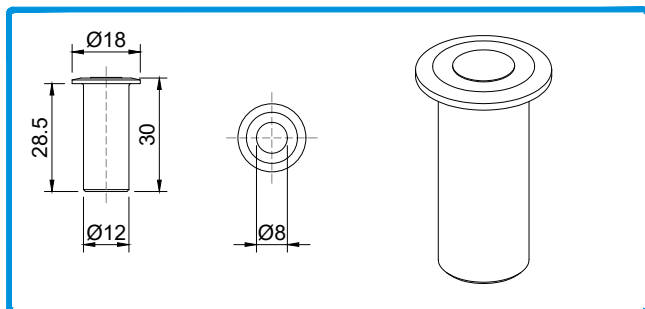
FECHO SUPLEMENTAR 1246.832



Pontos de fecho suplementares

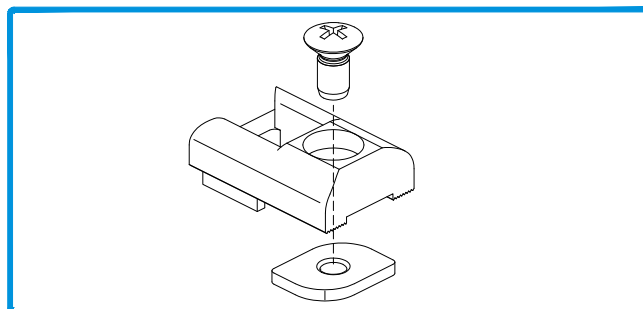
201363

FECHOS ANTI-ARROMBAMENTO 1246.835



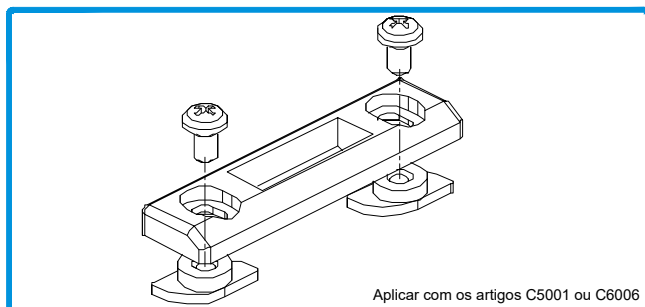
211103

PONTO FECHO PAVIMENTO 1409/8



202077

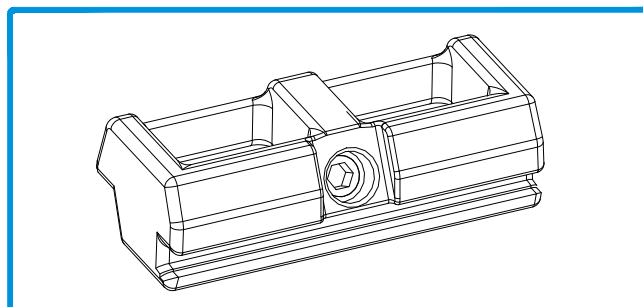
CONTRA-FECHO 1404



Aplicar com os artigos C5001 ou C6006

202310

CONTRA-FECHO DUPLO REGULÁVEL 2020



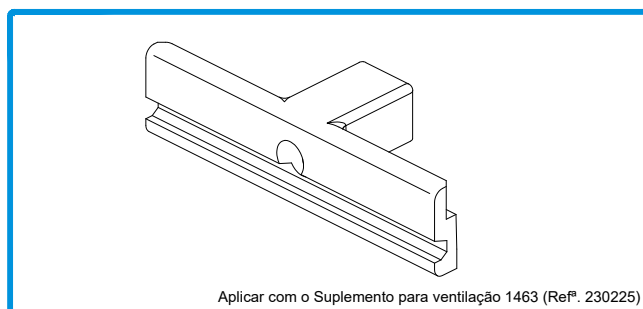
202091

CONTRA-FECHO DUPLO REGULÁVEL 1414



202090

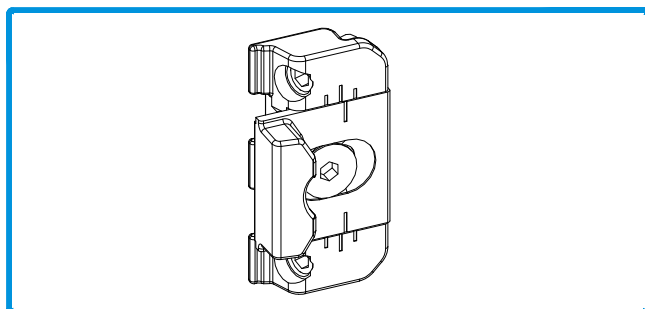
CONTRA-FECHO DUPLO 1416.6



Aplicar com o Suplemento para ventilação 1463 (Ref. 230225)

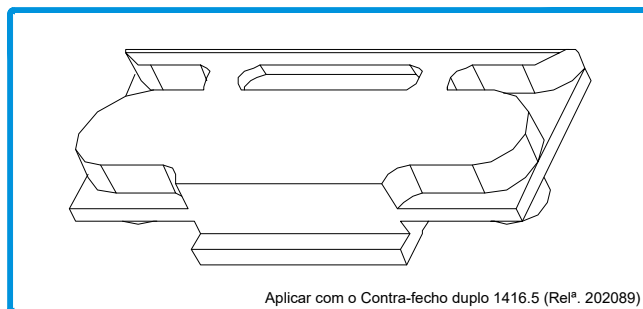
202089

CONTRA-FECHO DUPLO 1416.5



202075

CONTRA-FECHO 1243.721



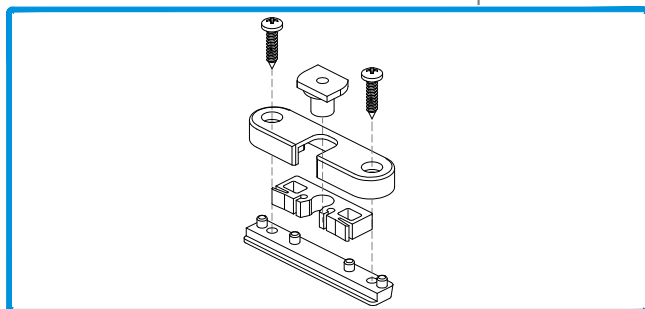
Aplicar com o Contra-fecho duplo 1416.5 (Ref. 202089)

230225

SUPLEMENTO PARA VENTILAÇÃO 1463

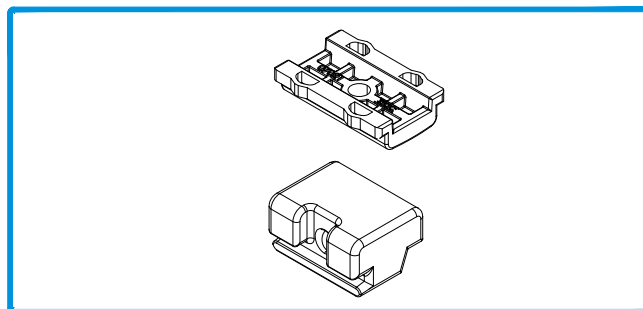
ACESSÓRIOS COMPLEMENTARES

COMPLEMENTARY ACCESSORIES | ACCESSOIRES COMPLÉMENTAIRES



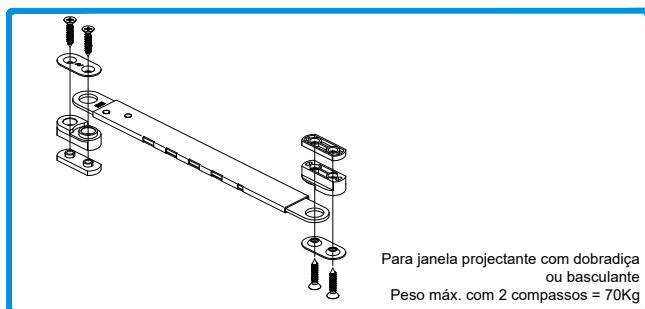
218206

CLIQUE DE RETENÇÃO 1468



212154

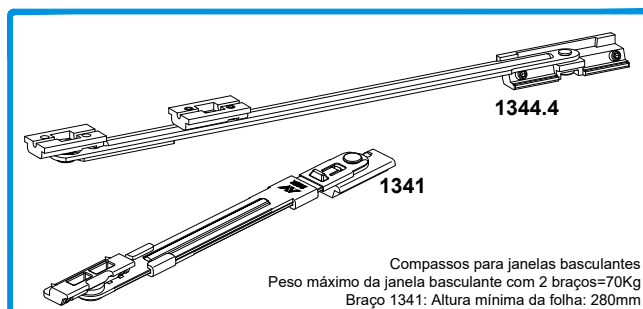
CONJUNTO PARA CALÇO 1410.50Pr.



202065

COMPASSO SAVIO 1307.1

Para janela projectante com dobradiça ou basculante
Peso máx. com 2 compassos = 70Kg



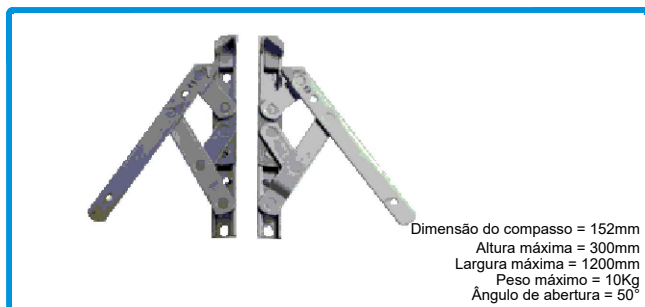
210114

210103

BRAÇO PIOVRA 1344.4

BRAÇO PIOVRATRE 1341

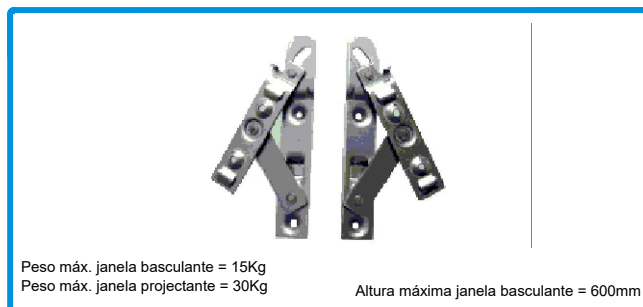
Compassos para janelas basculantes
Peso máximo da janela basculante com 2 braços=70Kg
Braço 1341: Altura mínima da folha: 280mm



212030

CONJUNTO BRAÇO PARA PROJECTANTES S 150

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



212060

CONJUNTO DOBRADIÇA INOX 1953

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

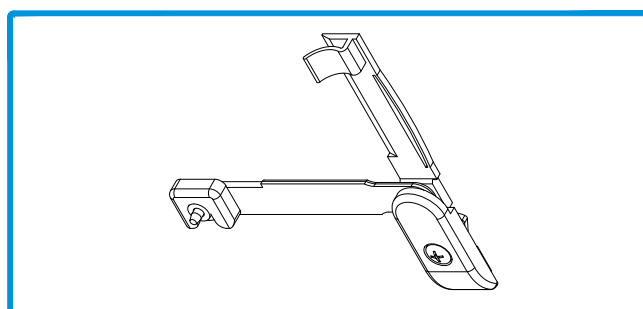
Altura máxima janela basculante = 600mm



202040

COMPASSO LIMITADOR DE ABERTURA 1343.2

Para limitar a abertura da folha



228104

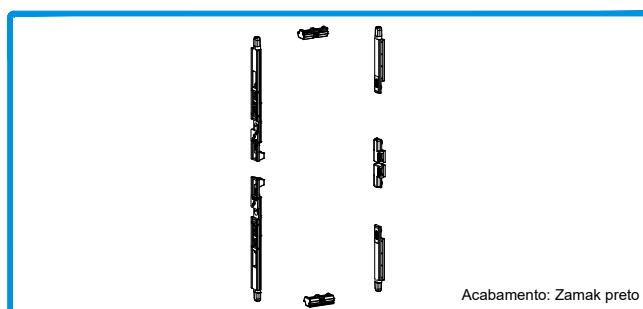
LIMITADOR DE ABERTURA 6060 Pr.



223566

KIT BATENTE FOLHA ATIVA

Aplicar com cremone batente CUBIC
Acabamento: Zamak preto

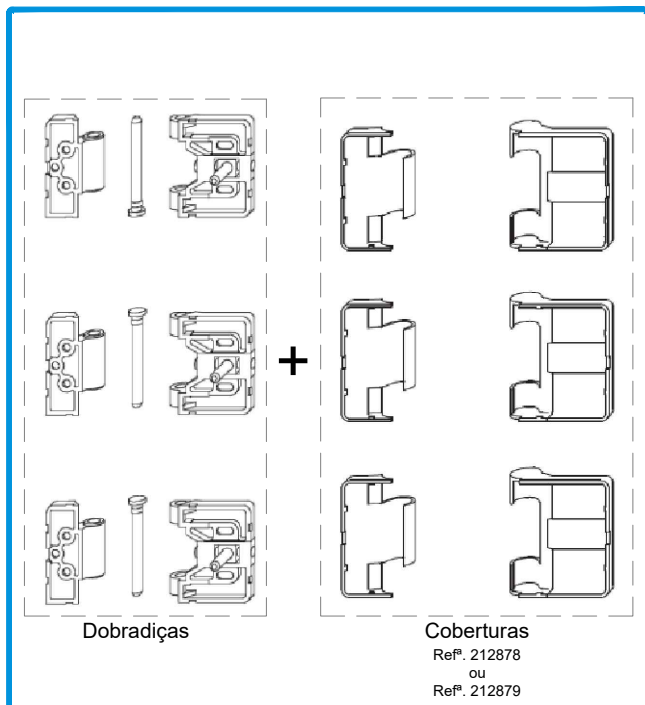


223099

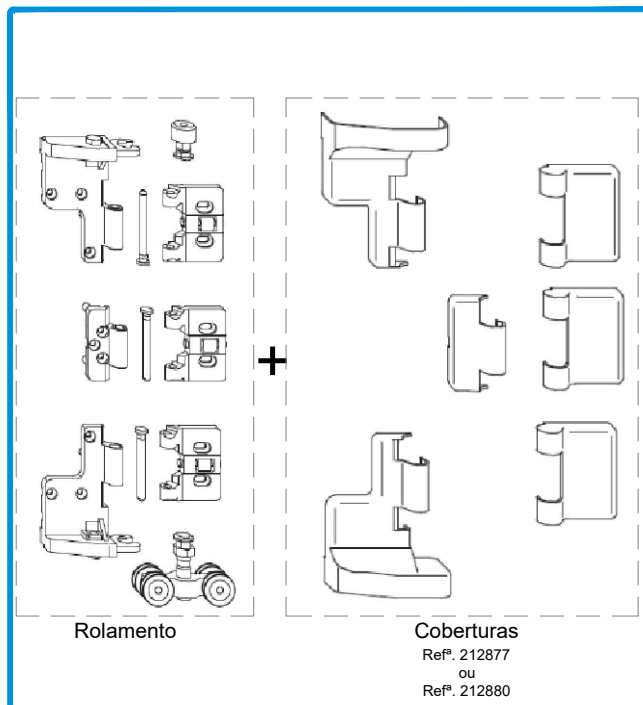
KIT BATENTE 2 FOLHAS

Acabamento: Zamak preto

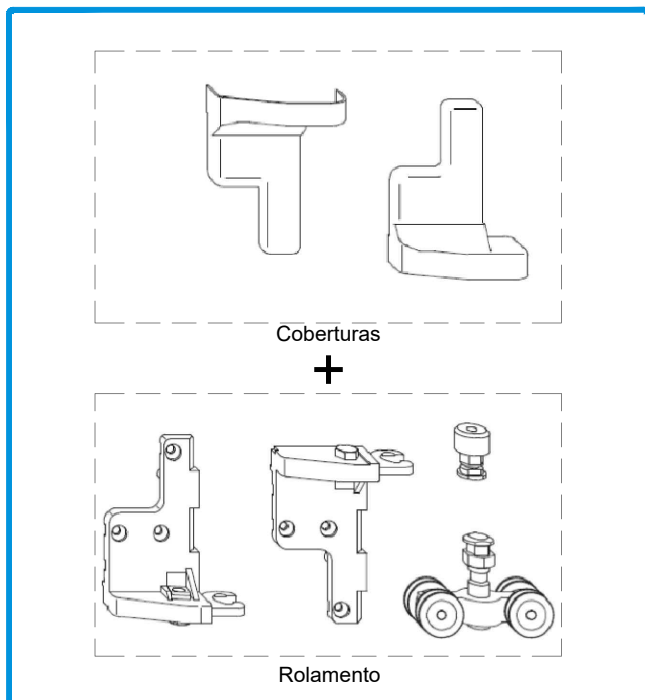
FERRAGEM PARA HARMÓNIO | HARDWARE FOR FOLD | FERRURE POUR REPLIABLE



212064 CONJUNTO DOBRADIÇAS FS-LM BRUTO
212879 CONJUNTO COBERTURAS P/DOBRADIÇAS FS-LM BRC
212878 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 COBERTURA P/ROLAM. INTERM. FS-LM PRT



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

MECANISMOS DE ABERTURA

OPENING MECHANISMS | MÉCANISMES D'OUVERTURE



228012

Abertura exterior para aberturas de batente
Caixa de transmissão Monodirecional

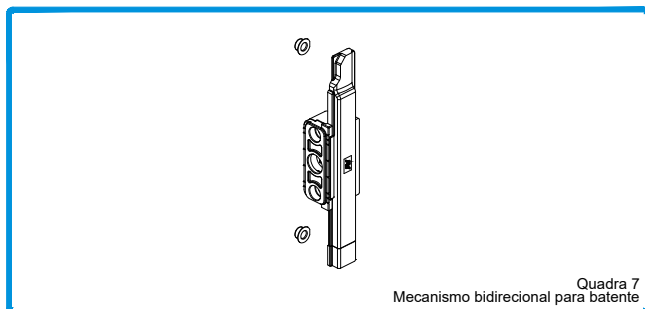
MECANISMO MONO 90 EXT 0507177



228013

Abertura exterior para batente ou oscilo batente
Caixa de transmissão Monodirecional

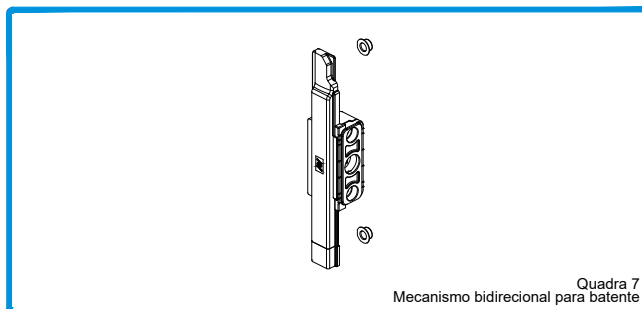
MECANISMO MONO 180 EXT 0507178



228120

Quadra 7
Mecanismo bidirecional para batente

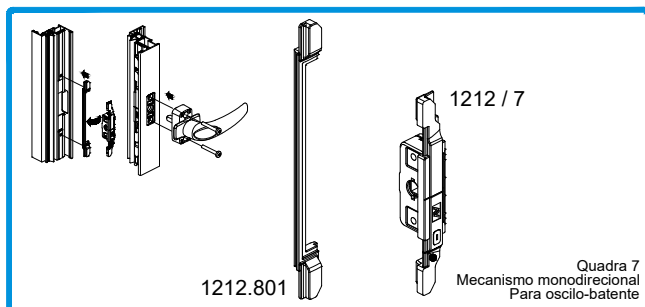
MECANISMO DUO 1213/7L ESQ.



228121

Quadra 7
Mecanismo bidirecional para batente

MECANISMO DUO 1213/7R DIR.



228119
214297

1212 / 7

Quadra 7
Mecanismo monodirecional
Para oscilo-batente

MECANISMO MONO 1212/7
VARETA 1212.801

ACESSÓRIOS PARA ABERTURA EXTERIOR E COMPLEMENTARES

OUTWARD OPENING MECHANISMS AND ACCESSORIES | MÉCANISMES D'OUVERTURE VERS L'EXTÉRIEUR ET ACCESSOIRES



228012

MECANISMO MONO 90 EXT 0507177

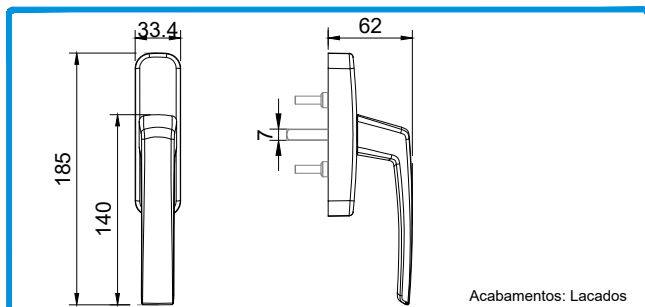
Abertura exterior para aberturas de batente
Caixa de transmissão Monodirecional



223102

KIT FIXAÇÃO ABERTURA EXTERIOR

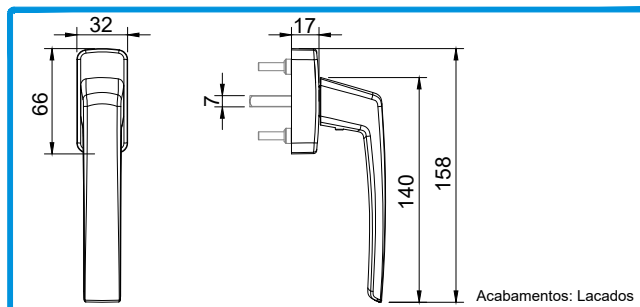
Aplicar com os Mecanismos Mono 90 (Ref. 228012) ou Mono 180 (Ref. 228013), quando necessário
Quadra 7x7x100 + 2 parafusos M5x85 DIN 7985
Cortar à medida de acordo com o sistema



200509

CREMONE DE QUADRA CUBIC

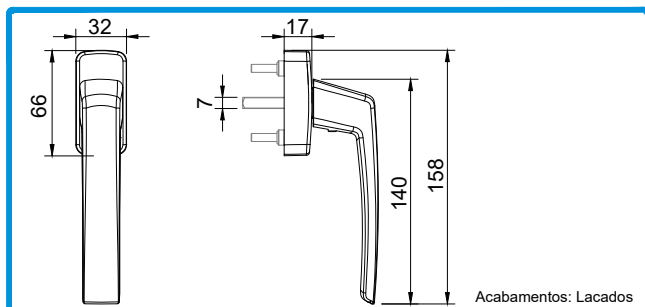
Acabamentos: Lacados



200793

MANETE DE QUADRA CUBIC

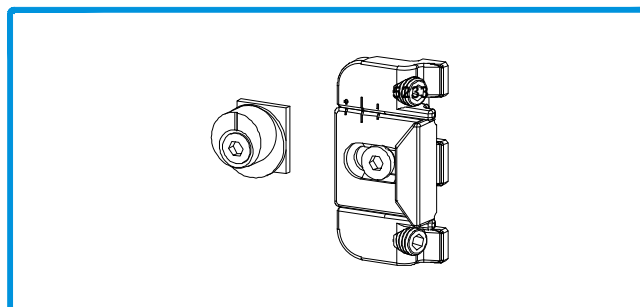
Acabamentos: Lacados



200794

MANETE DE QUADRA DE SEGURANÇA CUBIC

Acabamentos: Lacados

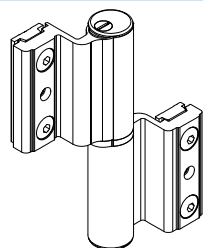


212232

CONJ. FECHO OB 5233

DOBRADIÇAS E COMPLEMENTARES

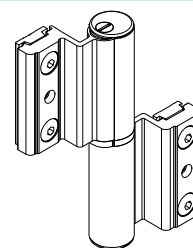
HINGES AND ACCESSORIES | PAUMELLES ET ACCESSOIRES



Acabamentos:
Bruto, Anodizado, Lacado
Peso máximo:
2 Dobradiças = 120Kg (uso residencial) | 110Kg (uso público)
3 Dobradiças = 138Kg (uso residencial) | 127Kg (uso público)

202235

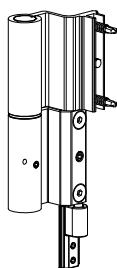
DOBRADIÇA PORTA 2L AFINAÇÃO 3D



Acabamentos:
Bruto, Anodizado, Lacado
Peso máximo:
2 Dobradiças = 120Kg (uso residencial) | 110Kg (uso público)
3 Dobradiças = 138Kg (uso residencial) | 127Kg (uso público)

202236

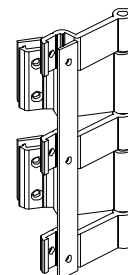
DOB. 3°F PORTA 2L AFINAÇÃO 3D



Acabamentos:
Preto
Branco
Outra cor - SOB CONSULTA

202212

DOBR. PORTA C16 AFINAÇÃO 3D



CONSULTAR DEPARTAMENTO TÉCNICO

202141

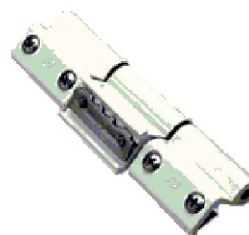
DOBRADIÇA AVANÇO PB 2000



2 Dobradiças = 80 Kg
3 Dobradiças = 90 Kg
Acabamentos: Lacados à cor

202208

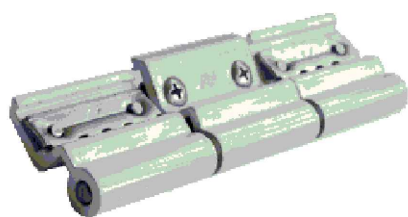
DOBRADIÇA MORSA 1121.1



2 Dobradiças = 90 Kg
3 Dobradiças = 100 Kg
Acabamentos: Lacados à cor

202104

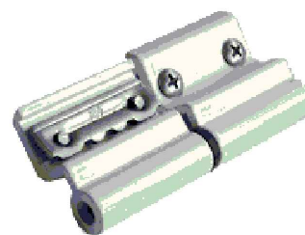
DOBRADIÇA MORSA 1122



2 Dobradiças = 90 Kg
3 Dobradiças = 100 Kg
Acabamentos: Lacados à cor

202112

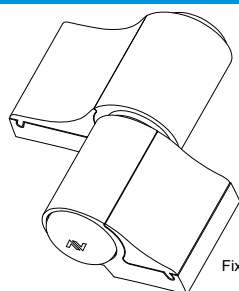
DOBRADIÇA MORSA PARA A 3ª FOLHA 1122.92



2 Dobradiças = 80 Kg
3 Dobradiças = 90 Kg
Acabamentos: Lacados à cor

202209

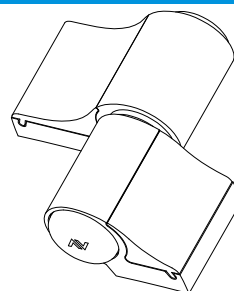
DOBRADIÇA MORSA 1123



Dobradiça com regulação nos 3 eixos
2 Dobradiças = 160 Kg
3 Dobradiças = 180 Kg
Dobradiça certificada para peso máx.=160Kg
Fixar com 1 Kit 1145.755X + 1 Calço 1145.753/7
Acabamentos: Lacados à cor

202010

DOBRADIÇA MECHANICA 2 ABAS 1145/60



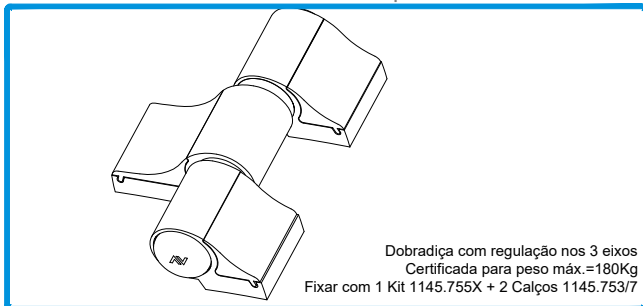
Dobradiça com regulação nos 3 eixos
2 Dobradiças=120Kg
3 Dobradiças=140Kg
Fixar com 2 Kit 1145.755X
Acabamentos: Lacados à cor

202012

DOBRADIÇA MECHANICA 2 ABAS 1145/79

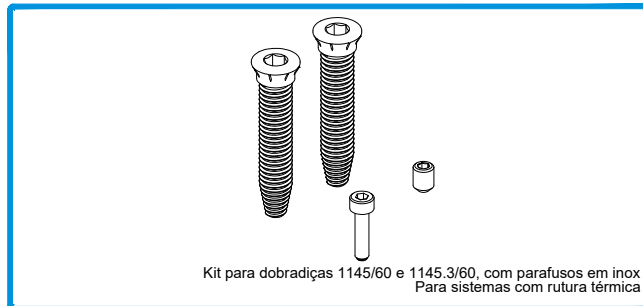
DOBRADIÇAS E COMPLEMENTARES

HINGES AND ACCESSORIES | PAUMELLES ET ACCESSOIRES



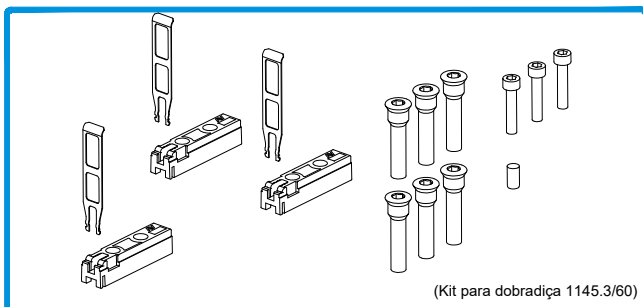
202610

DOBRADIÇA MECHANICA 3 ABAS 1145.3/60



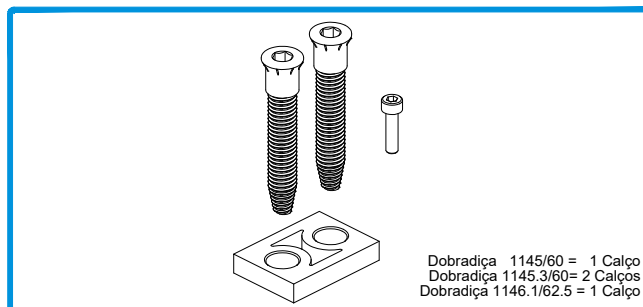
223060

KIT DE FIXAÇÃO PARA MECHANICA 1145.755X



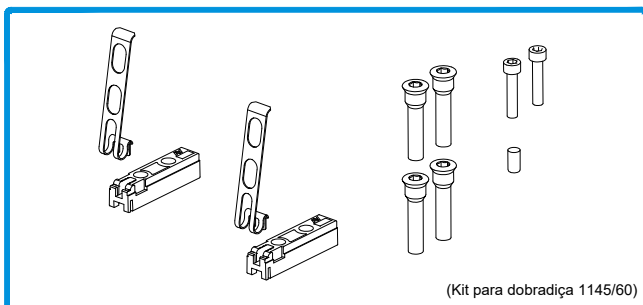
223020

KIT DE FIXAÇÃO PARA MECHANICA 1145.715



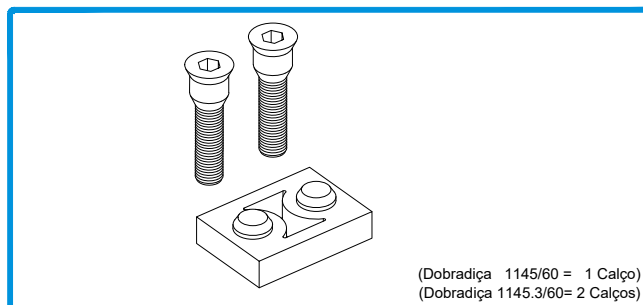
218182

CALÇO PARA DOBRADIÇA MECHANICA 1145.753/7



223100

KIT DE FIXAÇÃO PARA MECHANICA 1145.705



218170

CALÇO PARA DOBRADIÇA MECHANICA 1145.703/7



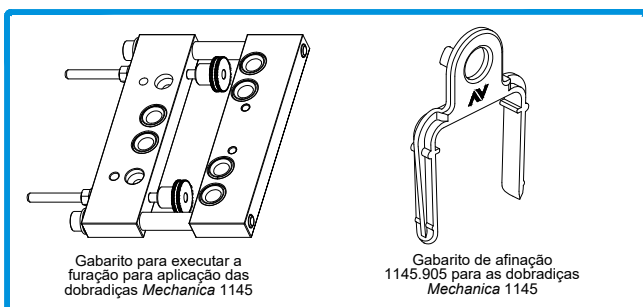
210158
210010

SEPARADOR 1125.801
SEPARADOR 1125.802



210292
210011

SEPARADOR 1145.801 (14-20)
SEPARADOR 1145.802 (20-28)



211101

GABARITO PARA FURAÇÃO 1145.908

MOLAS DE PAVIMENTO E COMPLEMENTARES

FLOOR SPRINGS AND ACCESSORIES | PIVOT À FREIN ET ACCESSOIRES



Fixar com 1 Kit 1145.755X + 1 Calço 1145.753/7

202611

DOBRADIÇA 2 ABAS 1146.1/62.5



Fixar com 1 Kit 1145.755X + 2 Calços 1145.753/7

202107

DOBRADIÇA 3 ABAS 1146.13/62.5



Aplicar com a Tampa 1129.802 em conjunto com Dobradiça 1146.1/62.5 ou 1146.13/62.5

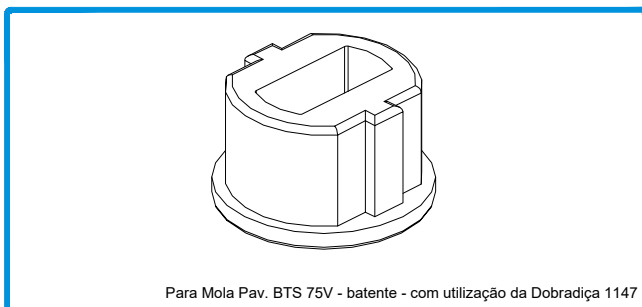
202511

DOBRADIÇA P/ MOLA 1147



Gabarito para dobradiças *Mechanica* 1146.1/62.5 e 1146.13/62.5

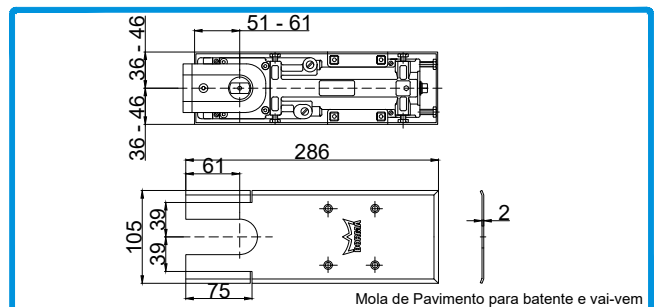
GABARITO MONTAGEM 1145.901



Para Mola Pav. BTS 75V - batente - com utilização da Dobradiça 1147

207327

SEPARADOR R. TER/1129.802 OXID

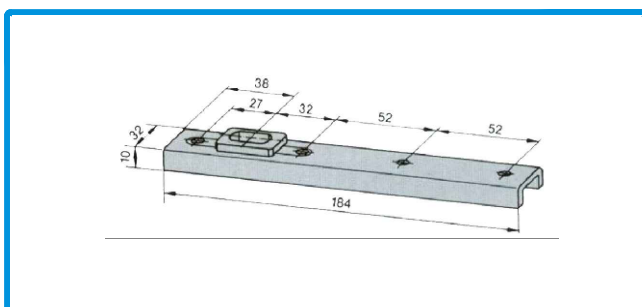


Mola de Pavimento para batente e vai-vem

228071

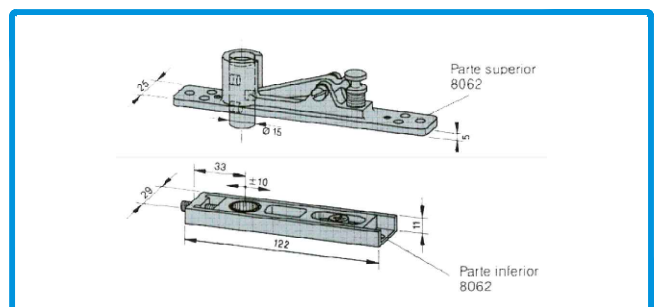
MOLA DE PAVIMENTO BTS 75V

ACESSÓRIOS PARA PIVOTANTE | PIVOTING ACCESSORIES | ACCESSOIRES POUR PIVOTANTS



210104

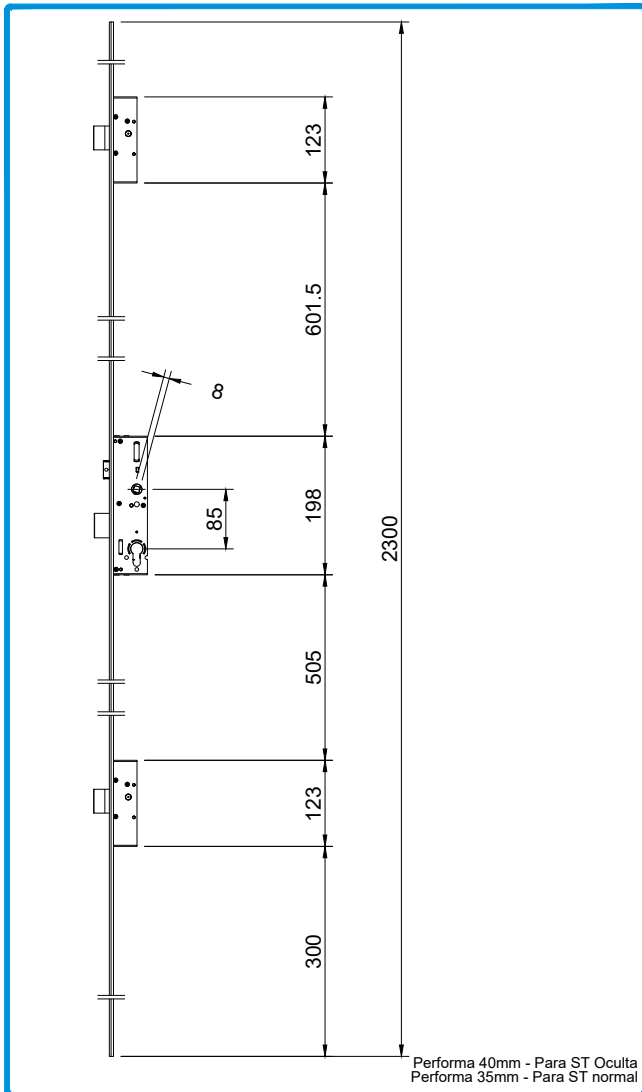
BRAÇO INFERIOR VAI-VEM 8021



227111

PIVOT SUPERIOR VAI-VEM 8062

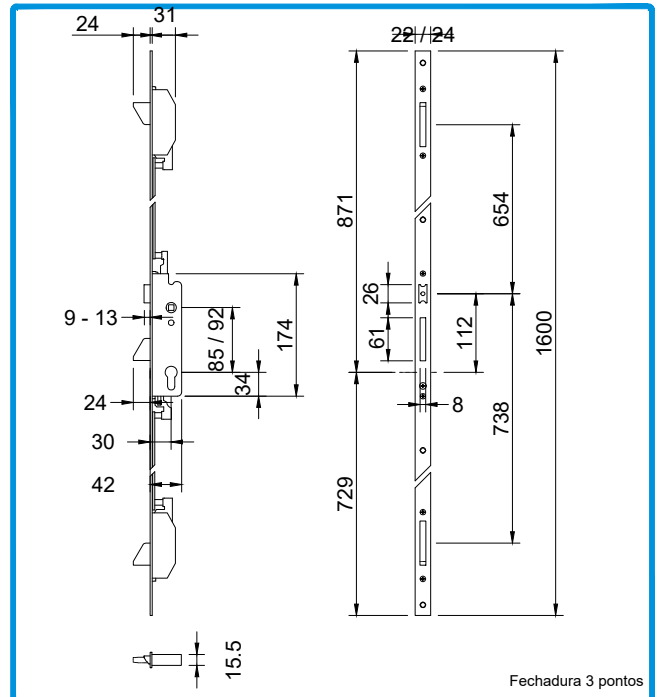
FECHADURAS E COMPLEMENTARES | LOCKS AND FITTINGS | SERRURES ET COMPLÉMENTAIRE



201615
201616

FECHADURA DE 3 PONTOS PERFORMA 35mm
FECHADURA DE 3 PONTOS PERFORMA 40mm

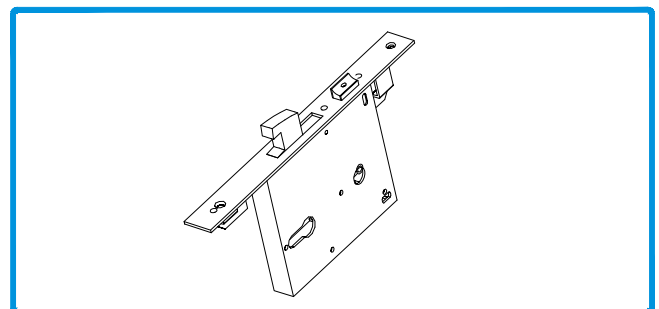
Performa 40mm - Para ST Oculta
Performa 35mm - Para ST normal



201128
201179

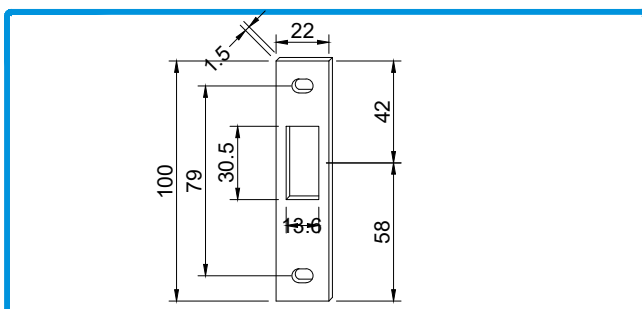
FECHADURA 7717x30
FECHADURA 7717x35

Fechadura 3 pontos



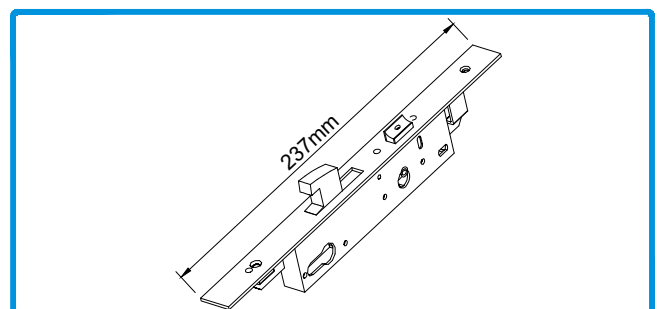
201013

FECHADURA DE ALMOFADA 5791x90



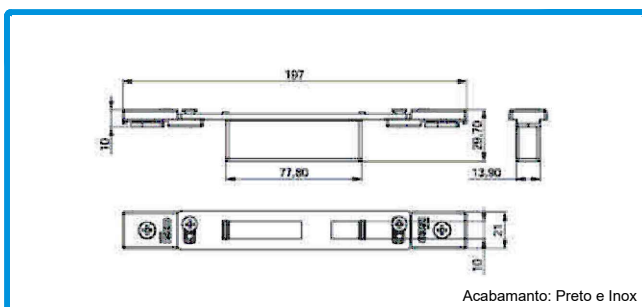
280200

TESTA FECHADURA 5791x90



201073
201050

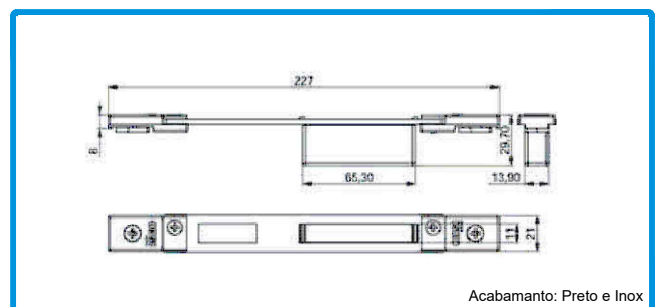
FECHADURA 7716x30
FECHADURA 7716x35



280011

TESTA SUP/INF 22x197 P/ FECHADURA PERFORMA

Acabamento: Preto e Inox

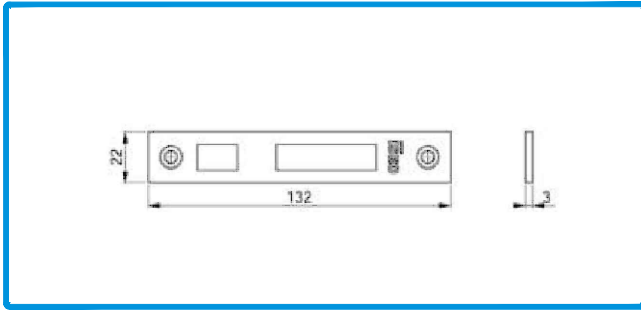


280012

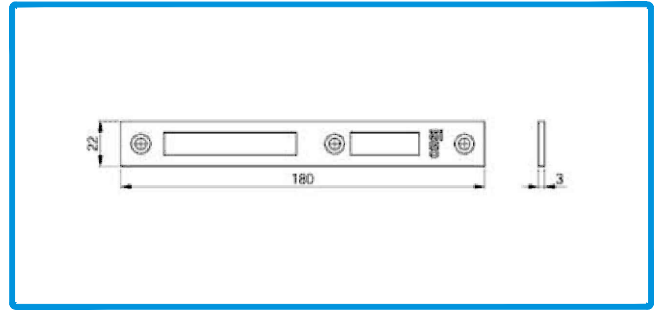
TESTA CENTRAL 22x227 P/ FECHADURA PERFORMA

Acabamento: Preto e Inox

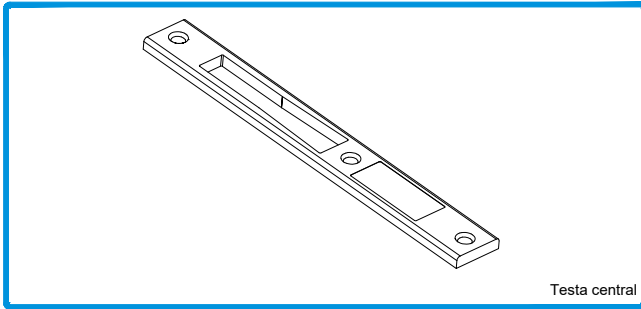
FECHADURAS E COMPLEMENTARES | LOCKS AND FITTINGS | SERRURES ET COMPLÉMENTAIRE



280010 TESTA SUP/INF 3x24 P/ FECHADURAS (Inox)

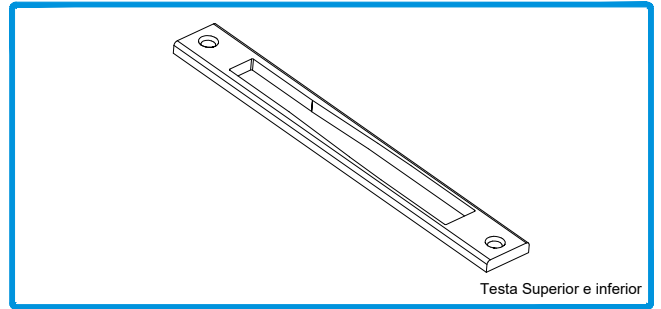


280009 TESTA CENTRAL 3x22 P/ FECHADURAS (Inox)



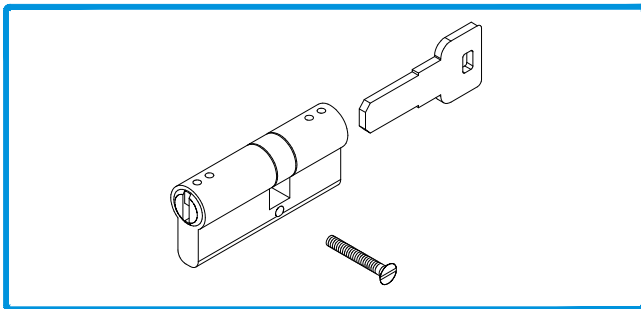
280220 TESTA FECHADURA PRUMO 2000

Testa central

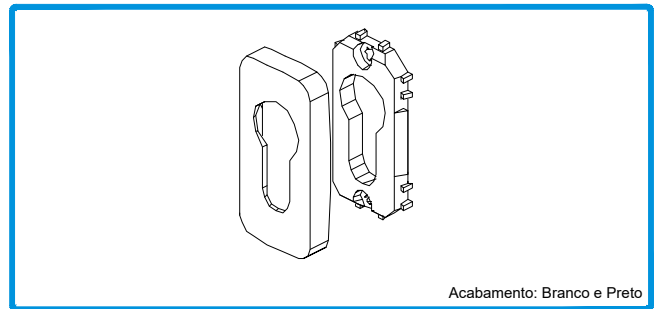


280230 TESTA FECHADURA STAND 2001

Testa Superior e inferior

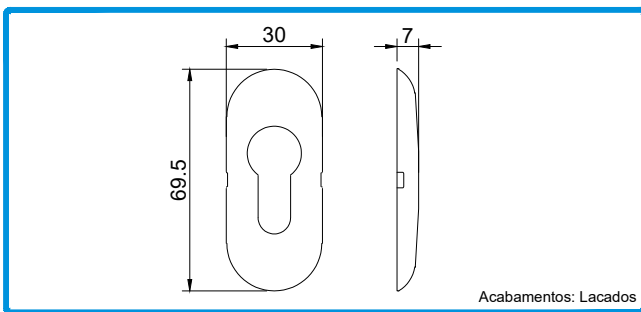


230502 SEGREDO 70/30 NIQUELADO
230503 SEGREDO SEGURANÇA 70/32 NIQUELADO



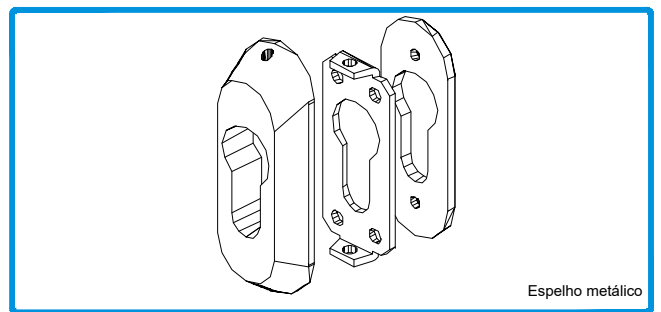
220190 ESPELHO 874.801

Acabamento: Branco e Preto



220251 ESPELHO P/SEGREDO 3500

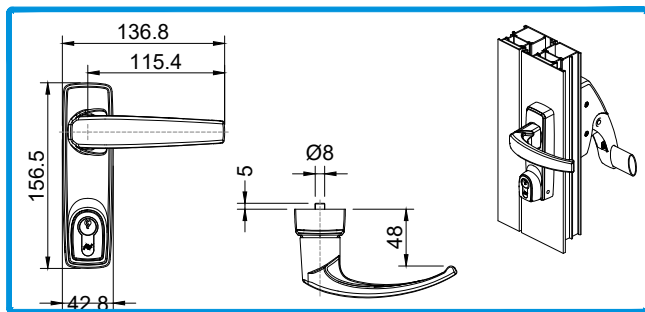
Acabamentos: Lacados



220008 ESPELHO PARA SEGURANÇA 5100 (Pr.)

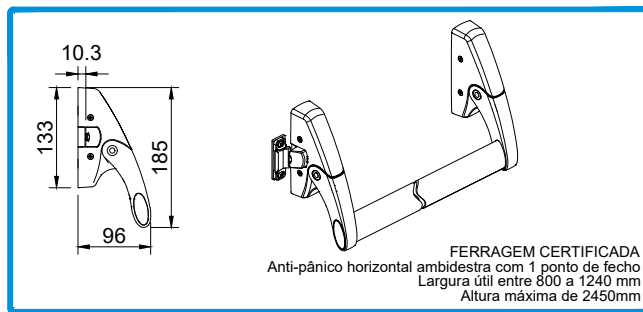
Espelho metálico

ACESSÓRIOS PARA ANTI-PÂNICO | ANTI-PANIC ACCESSORIES | ACCESSOIRES POUR ANTI-PANIKES



200347

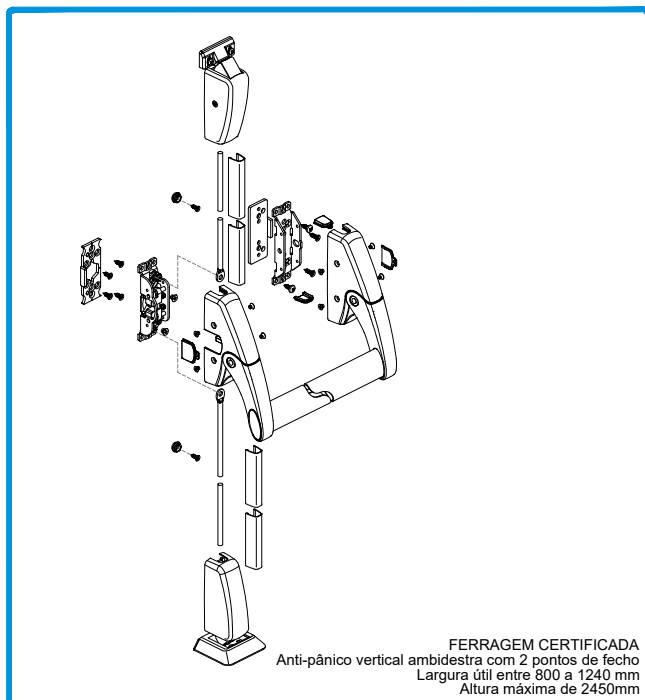
CREMONE COM FECHADURA 6010.875



200993

ANTI-PÂNICO HORIZONTAL 6010.1/1200

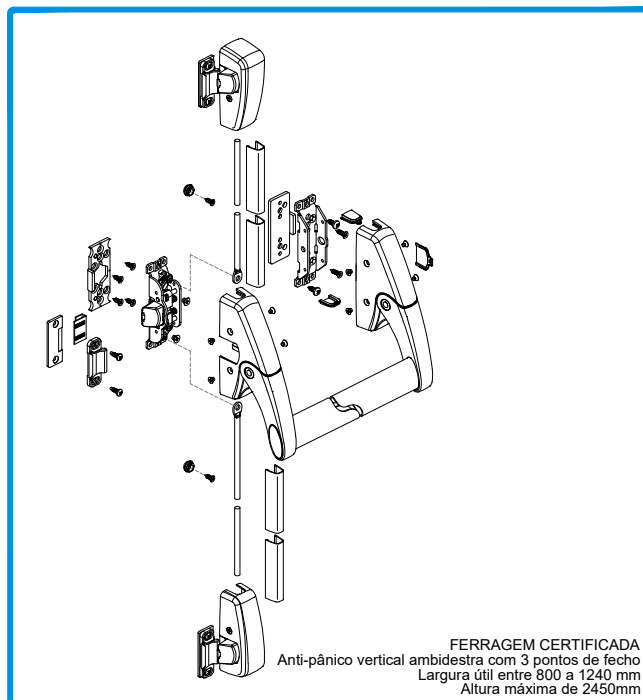
FERRAGEM CERTIFICADA
Anti-pânico horizontal ambidestra com 1 ponto de fecho
Largura útil entre 800 a 1240 mm
Altura máxima de 2450mm



200991

ANTI-PÂNICO HORIZONTAL 6010.2/1200

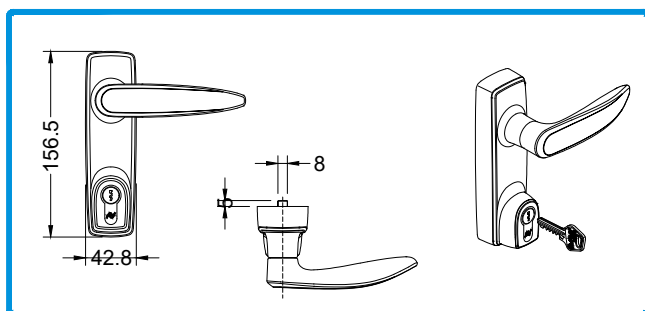
FERRAGEM CERTIFICADA
Anti-pânico vertical ambidestra com 2 pontos de fecho
Largura útil entre 800 a 1240 mm
Altura máxima de 2450mm



200992

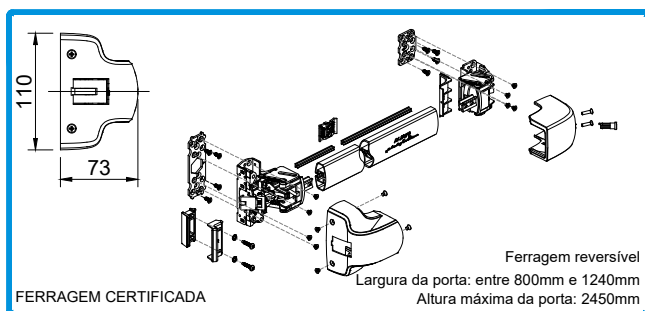
ANTI-PÂNICO HORIZONTAL 6010.3/1200

FERRAGEM CERTIFICADA
Anti-pânico vertical ambidestra com 3 pontos de fecho
Largura útil entre 800 a 1240 mm
Altura máxima de 2450mm



200914

CREMONE COM FECHADURA 6000.875 Pr.

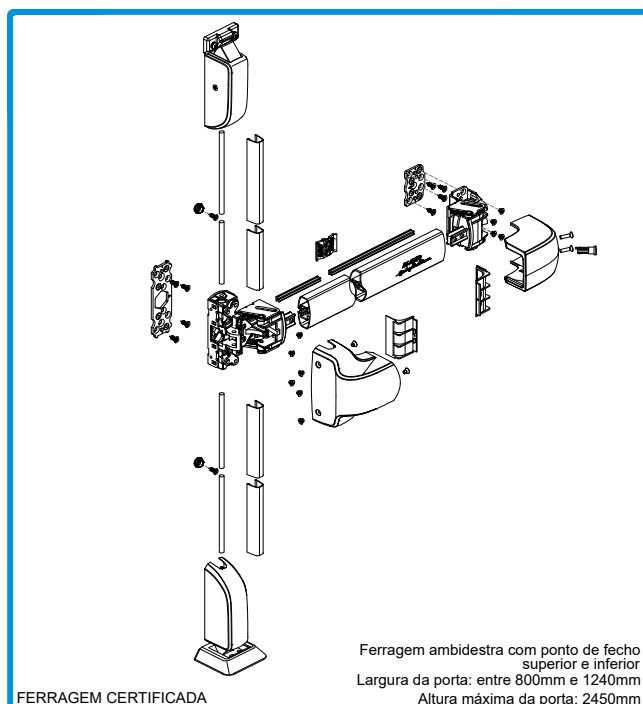


200970

ANTI-PÂNICO HORIZONTAL 6100.1/1085

FERRAGEM CERTIFICADA

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



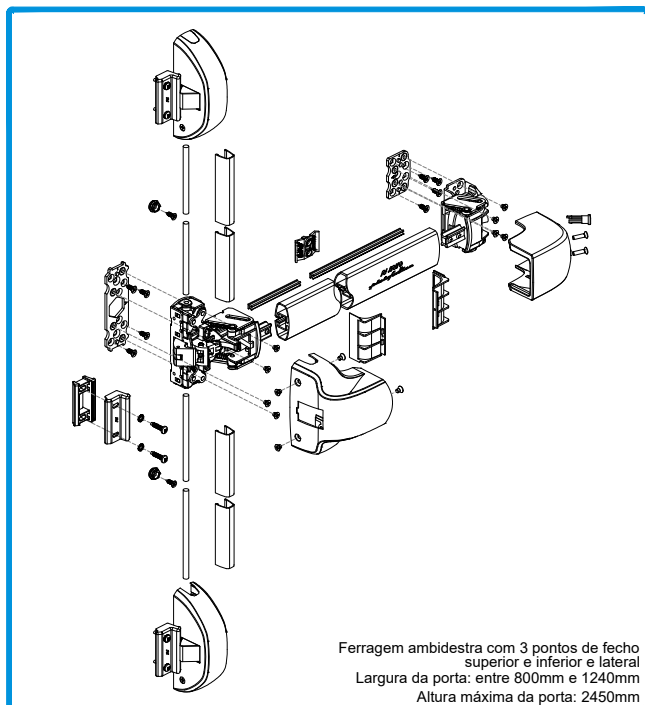
200995

ANTI-PÂNICO VERTICAL 6100.2/1085

FERRAGEM CERTIFICADA

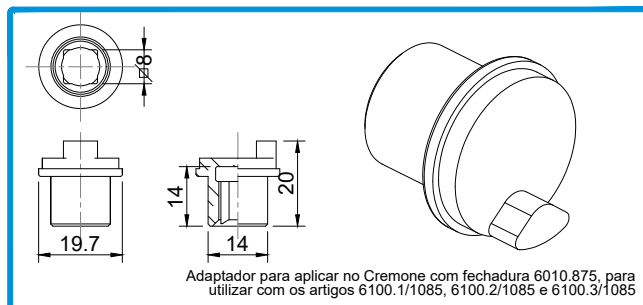
Ferragem ambidestra com ponto de fecho superior e inferior
Largura da porta: entre 800mm e 1240mm
Altura máxima da porta: 2450mm

ACESSÓRIOS PARA ANTI-PÂNICO | ANTI-PANIC ACCESSORIES | ACCESSOIRES POUR ANTI-PANIKES



200971

ANTI-PÂNICO VERTICAL 6100.3/1085



213143

ADAPTADOR PARA CREMONE C/FECHADURA 6000.401

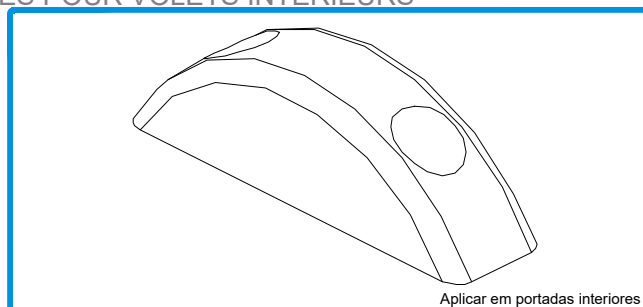
ACESSÓRIOS PARA PORTADAS INTERIORES

INTERIOR SHUTTERING ACCESSORIES | ACCESSOIRES POUR VOILETS INTÉRIEURS



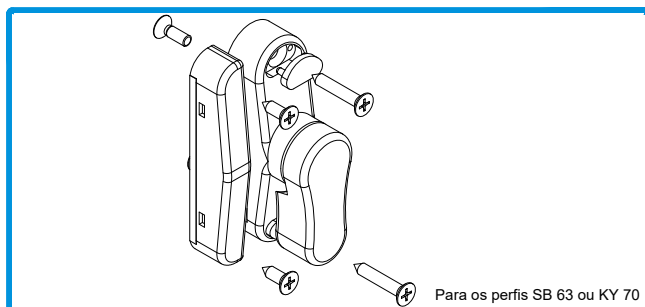
208264

JUNTA ESTANQUICIDADE 2102



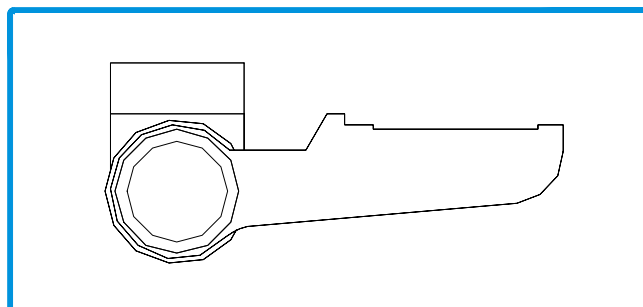
214146

BATENTE PARA PERSIANA 877.804



231214

TRINCO REVERSÍVEL 9566 (Br./Pr.)

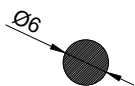


202229

DOBRADIÇA PARA SISTEMA TAPA-LUZ

ACESSÓRIOS PARA MOSQUITEIRA

MOSQUITO NETTING ACCESSORIES | ACCESSOIRES POUR MOUSTIQUEIRA



VD 1027

Material: EPDM
(Caixa: 100m)

208310

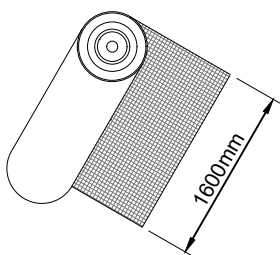
VEDANTE PARA MOSQUITEIRA 1027 Pr.



Para mosquiteira - aplicar no perfil KY 84
Material: EPDM
(Rolo: 25m)

208261

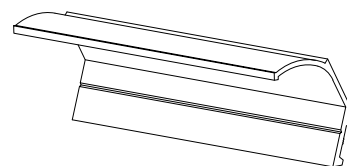
JUNTA ESTANQUICIDADE 2027



Rolo de 30m x 1,60m

229105

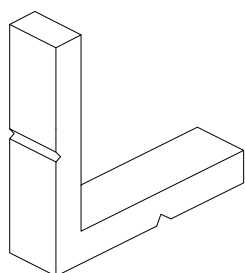
REDE MOSQUITEIRA EM FIBRA 1600mm (Cinza)



Puxador para sistema de rede mosquiteira

200910

PUXADOR SIMPLES SOS 80

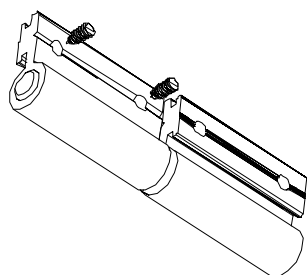


(Para os perfis KY 84 e KY 86)

204380

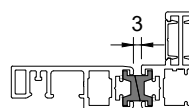
ESQUADRO 1108

ACESSÓRIOS COMUNS A MOSQUITEIRAS E PORTADAS INTERIORES | MOSQUITO NETTING AND INTERIOR SHUTTERING ACCESSORIES | ACCESSOIRES POUR MOUSTIQUEIRA ET VOLETS INTÉRIEURS



202230

DOBRADIÇA PARA PORTADAS INTERIORES/REDE MOSQUITEIRA



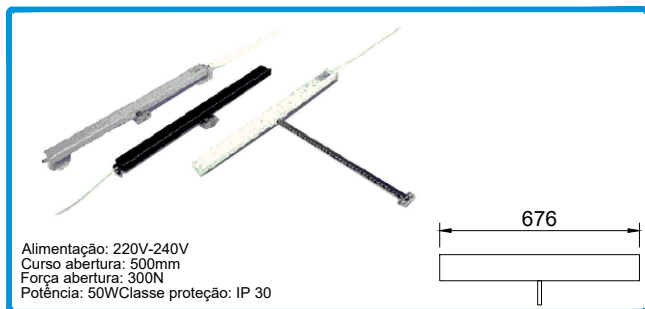
2036

Para sistemas de portada interior ou rede mosquiteira

215155

PERFIL MAGNÉTICO 2036

ACIONADORES | ACTUATORS | BOÎTIERS



Alimentação: 220V-240V
Curso abertura: 500mm
Força abertura: 300N
Potência: 50W Classe proteção: IP 30

212640

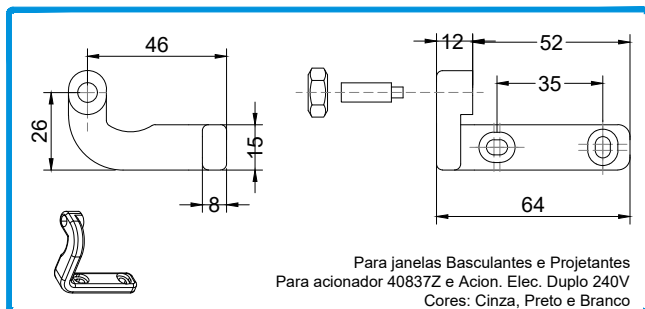
ACIONADOR 40837Z



Acionador 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

212036

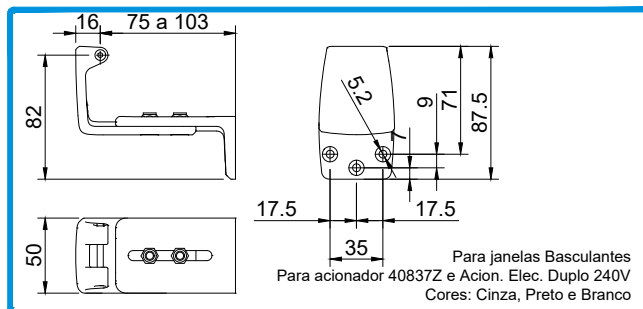
ACIONADOR ELÉCTRICO DUPLO 240Vac 40989D



Para janelas Basculantes e Projetantes
Para acionador 40837Z e Acion. Elec. Duplo 240V
Cores: Cinza, Preto e Branco

223089
223091
223090

KIT FIXAÇÃO ACIONADOR 40843F CINZA
KIT FIXAÇÃO ACIONADOR 40844G PRETO
KIT FIXAÇÃO ACIONADOR 40845H BRANCO



Para janelas Basculantes
Para acionador 40837Z e Acion. Elec. Duplo 240V
Cores: Cinza, Preto e Branco

230236
230237
230238

SUPORTE P/ MOTOR 41709Z (Cinz.)
SUPORTE P/ MOTOR 41710A (Pr.)
SUPORTE P/ MOTOR 41711B (Br.)



Compatível com comandos
Compatível com acionadores 220-240VAC

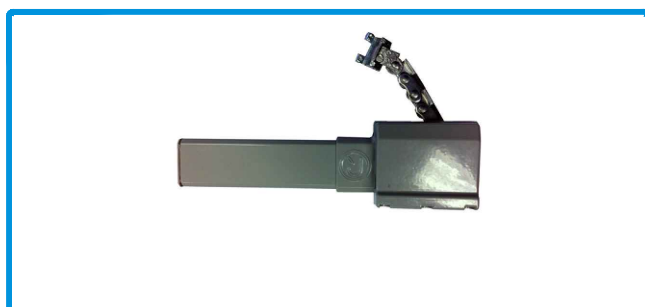
299089

RECETOR RÁDIO 230VAC TT2N



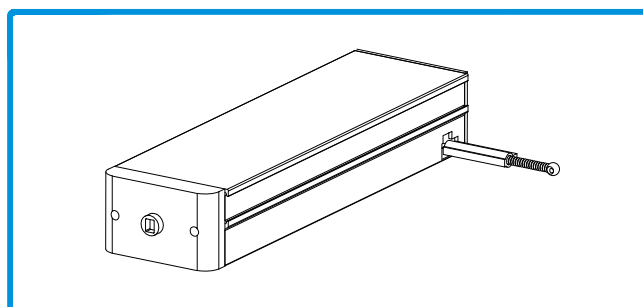
214269

COMANDO DIST. RF P1



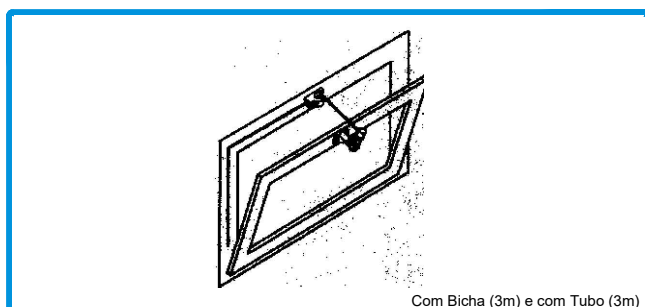
213124

ACIONADOR MECÂNICO CINZA



212248

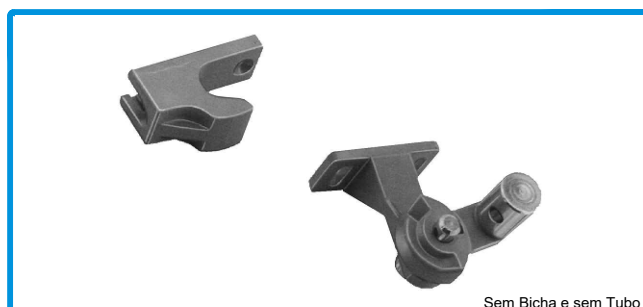
ACCIONADOR ELÉCTRICO PRT.



223906

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

KIT COMPLETO QL. 1 (3m)

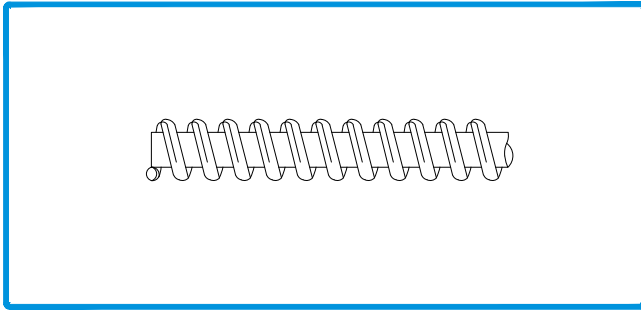


223760

Sem Bicha e sem Tubo

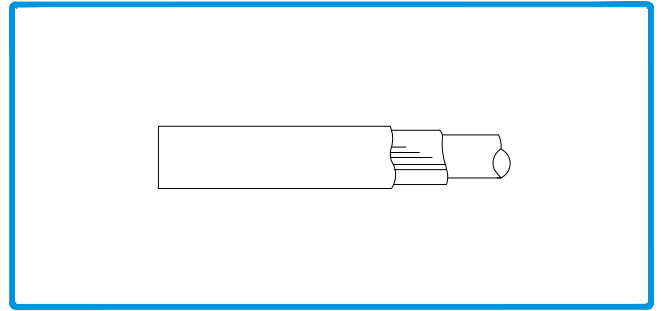
KIT PARA BASCULANTE SIMPLES

ACIONADORES | ACTUATORS | BOÎTIERS



217118

BICHA F604 (POR METRO)



231002

TUBO F111 (3 METROS)

ACESSÓRIOS RENOVATIO | ACCESSORIES RENOVATIO | ACCESSOIRES RENOVATIO



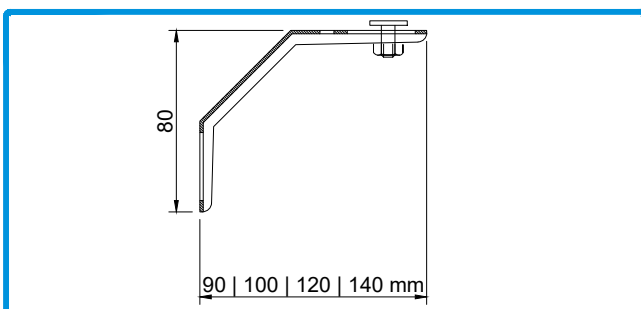
207203

PRESILHA M6 x 17mm



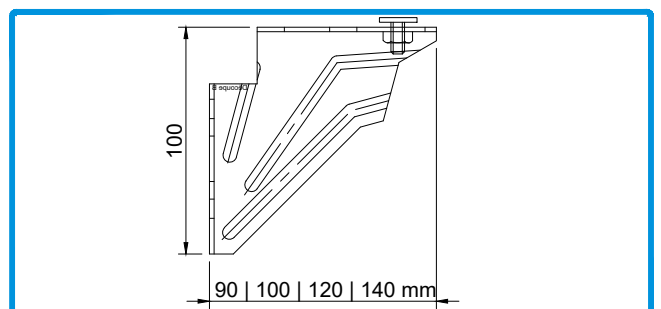
207220

PRESILHA M6 x 37mm



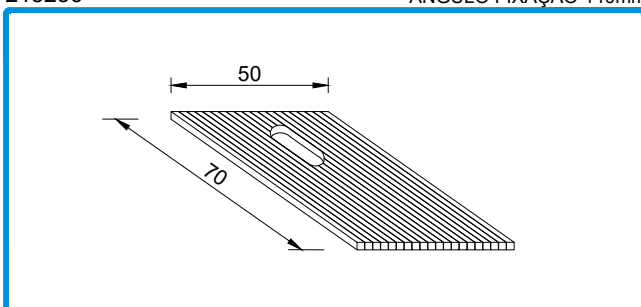
213257
213239
213240
213256

ÂNGULO FIXAÇÃO 90mm
ÂNGULO FIXAÇÃO 100mm
ÂNGULO FIXAÇÃO 120mm
ÂNGULO FIXAÇÃO 140mm



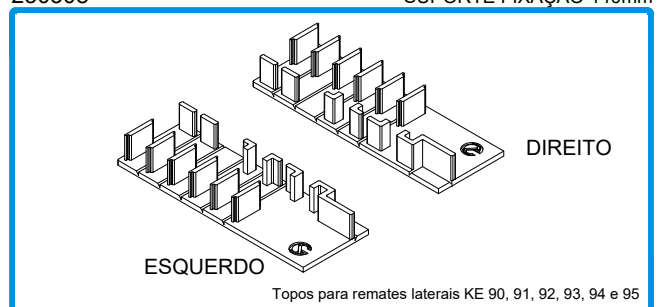
230309
230014
230019
230308

SUPORTE FIXAÇÃO 90mm
SUPORTE FIXAÇÃO 100mm
SUPORTE FIXAÇÃO 120mm
SUPORTE FIXAÇÃO 140mm



218116

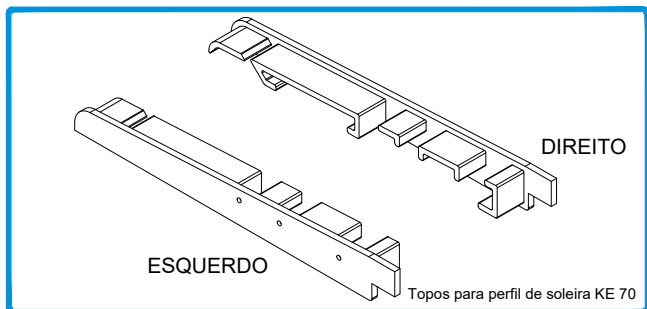
CALÇO SEPARADOR (50 x 70 mm)



212223

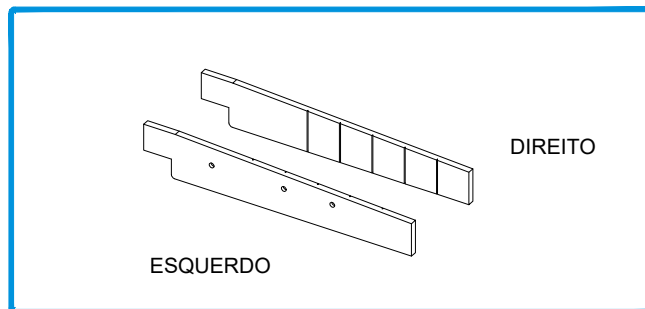
CONJUNTO TOPOS INFERIORES RENOVATIO

ACESSÓRIOS RENOVATIO | ACCESSORIES RENOVATIO | ACCESSOIRES RENOVATIO



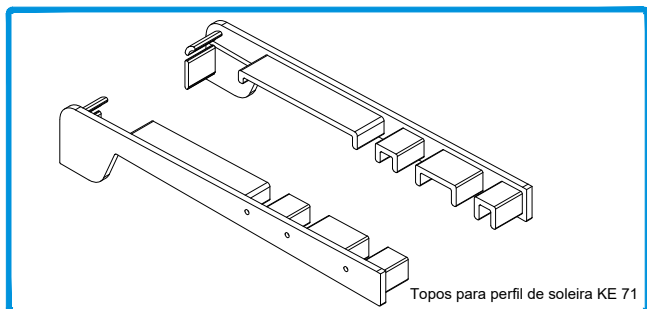
212222

CONJ. TAPA TOPOS KE 70



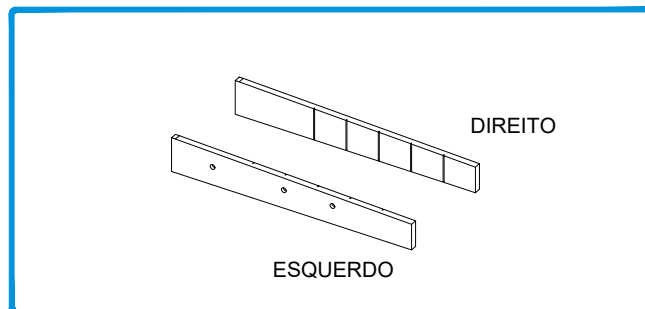
212226

CONJ. JUNTAS ADESIVAS P/TOPOS PERFIL SOLEIRA KE 70



212221

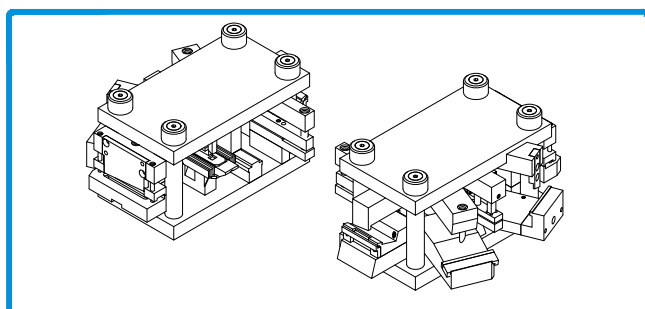
CONJ. TAPA TOPOS KE 71



212227

CONJUNTO JUNTAS ADESIVAS PARA TOPOS
PERFIL TAPÉE SOLEIRA KE71

FERRAMENTAS | TOOLS | OUTILS



408044

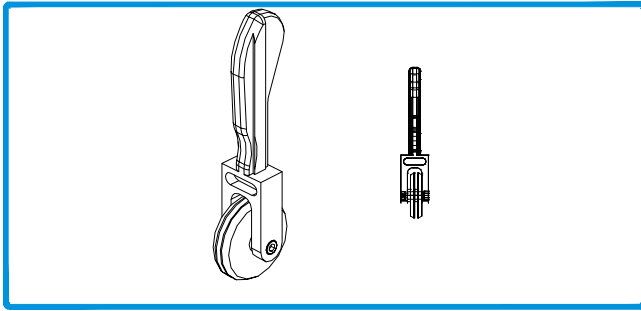
CORTANTE SISTEMA IT/ST



220100

DISPOSITIVO MANUAL P18/14

DIVERSOS | VARIOUS | DIVERS



425001

ROLETA P/VED. CPT 150D



426003

TESOURA PARA VEDANTES MULTICOUP



Limpeza de alumínio lacado ou anodizado.
Para preparação das superfícies a serem unidas e limpeza final.

208704

PRODUTO LIMPEZA DE ALUMÍNIO (1L) Transparente



Junta de vedação elástica, resistente aos UV. Impede a corrosão de penetrar pelas zonas cortadas.

208019

SELA JUNTAS 150gr. (Cinza)

TIPOLOGIAS E MAPAS DE QUANTIDADES
TYPOLOGIES AND QUANTITY MAPS
TYPES ET CARTES DES QUANTITÉS

JANELA DE 1 FOLHA - LINHA OCULTA

1 LEAF WINDOW - CONCEALED LINE
FENÊTRE À 1 VANTAIL - LIGNE CACHÉE

JANELA DE 1 FOLHA - LINHA OCULTA COM BITE ST 96 OU ST 97

1 LEAF WINDOW - CONCEALED LINE WITH GLAZING BEAD ST 96 OR ST 97
FENÊTRE 1 VANTAIL - LIGNE CACHÉE AVEC PARCLOSE ST 96 OU ST 97

JANELA DE 2 FOLHAS - LINHA OCULTA

2 LEAVES WINDOW - CONCEALED LINE
FENÊTRE À 2 VANTAUX - LIGNE CACHÉE

JANELA DE 1 | 2 FOLHAS

1 | 2 LEAVES WINDOW
FENÊTRE À 1 | 2 VANTAUX

JANELA DE BATENTE DE 1 FOLHA - ABERTURA PARA EXTERIOR

1 LEAF CASEMENT WINDOW - OUTWARD OPENING
FENÊTRE À BATTANT À 1 VANTAIL - OUVERTURE VERS L'EXTÉRIEUR

PORTA DE 1 | 2 FOLHAS - ABERTURA PARA INTERIOR - LINHA OCULTA

1 | 2 LEAVES DOOR - INWARD OPENING - CONCEALED LINE
PORTE À 1 | 2 VANTAUX - OUVERTURE VERS L'INTÉRIEUR - LIGNE CACHÉE

PORTA DE 1 | 2 FOLHAS - ABERTURA PARA INTERIOR - COM PERFIL DE SOLEIRA ST 49

1 | 2 LEAVES DOOR - INWARD OPENING - WITH SILL ST 49 PROFILE
PORTE À 1 | 2 VANTAUX - OUVERTURE VERS L'INTÉRIEUR - AVEC PROFILÉ DE SEUILST 49

PORTA DE 1 | 2 FOLHAS - ABERTURA PARA INTERIOR - COM PERFIL IT 33

1 | 2 LEAVES DOOR - INWARD OPENING - WITH IT 33
PORTE À 1 | 2 VANTAUX - OUVERTURE VERS L'INTÉRIEUR - AVEC PROFILÉ IT 33

PORTA DE 1 | 2 FOLHAS - ABERTURA PARA INTERIOR - COM PERFIL ST 14

1 | 2 LEAVES DOOR - INWARD OPENING - WITH ST 14 PROFILE
PORTE À 1 | 2 VANTAUX - OUVERTURE VERS L'INTÉRIEUR - AVEC PROFILÉ ST 14

PORTA DE 1 | 2 FOLHAS - ABERTURA PARA EXTERIOR - COM PERFIL IT 33

1 | 2 LEAVES DOOR - OUTWARD OPENING - WITH IT 33 PROFILE
PORTE À 1 | 2 VANTAUX - OUVERTURE VERS L'EXTÉRIEUR - AVEC PROFILÉ IT 33

PORTA DE 1 | 2 FOLHAS - ABERTURA PARA EXTERIOR - COM PERFIL ST 14

1 | 2 LEAVES DOOR - OUTWARD OPENING - WITH ST 14 PROFILE
PORTE À 1 | 2 VANTAUX - OUVERTURE VERS L'EXTÉRIEUR - AVEC PROFILÉ ST 14

RENOVATIO

APLICAÇÃO DOS PERFIS DE REMATE

APPLICATION OF TRIM PROFILES
APPLICATION DES TAPÉES

APLICAÇÃO DAS PEÇAS DE FIXAÇÃO - PAINEL DE 140mm

APPLICATION OF FIXING PARTS - 140mm PANEL
APPLICATION DES FIXATIONS - PANNEAU DE 140mm

APLICAÇÃO DAS PEÇAS DE FIXAÇÃO

APPLICATION OF FIXING PARTS
APPLICATION DES FIXATIONS

CANAL 16 | CHANNEL 16 | CHENAL 16

PORTA DE 1 | 2 FOLHAS - ABERTURA PARA INTERIOR

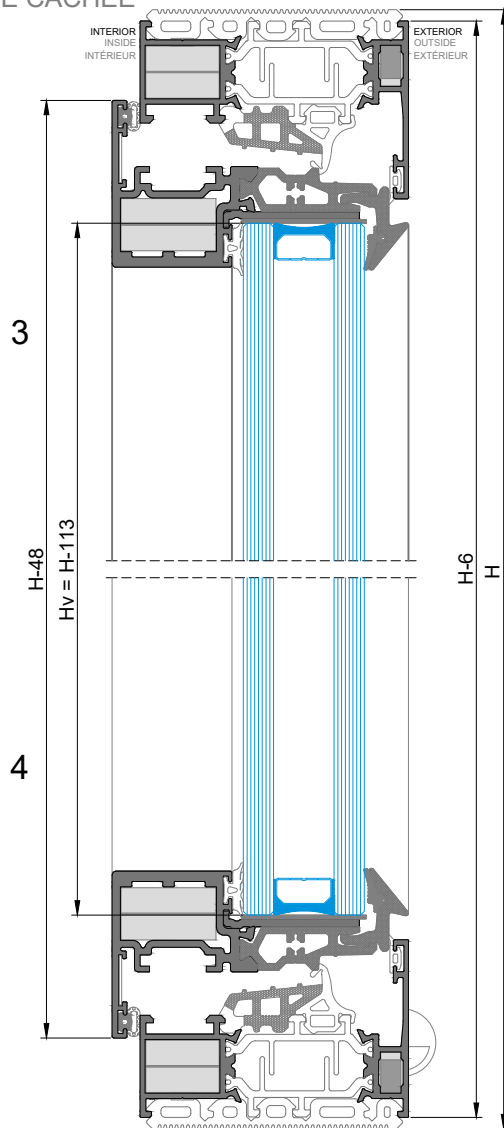
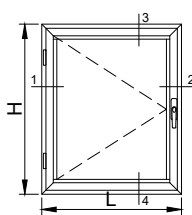
1 | 2 LEAVES DOOR - INWARD OPENING
PORTE À 1 | 2 VANTAUX - OUVERTURE VERS L'INTÉRIEUR

JANELA DE 1 FOLHA - LINHA OCULTA

1 LEAF WINDOW - CONCEALED LINE | FENÊTRE À 1 VANTAIL - LIGNE CACHÉE

PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL DETAIL HORIZONTAL	CORTE VERT. VERTICAL DETAIL VERTICAL	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
ST-01	ARO FIXO FIXED FRAME DORMANT	L-6	H-6	2+2	
ST-90	ARO MÓVEL MOBILE FRAME OUVRANT	L-49	H-48	2+2	
ST-95	BITE GLAZING BEAD PARCLOSE	L-94	H-94	2+2	
SA-33 ou LT33	VARETA PROFILE PROFILÉ	-	VARIÁVEL VARIABLE		

* Para janelas com oscilo-batente com ferragem Ribanta5
For tilt-turn windows with hardware Ribanta 5
Pour fenêtres oscillo-battante avec serrure Ribanta 5

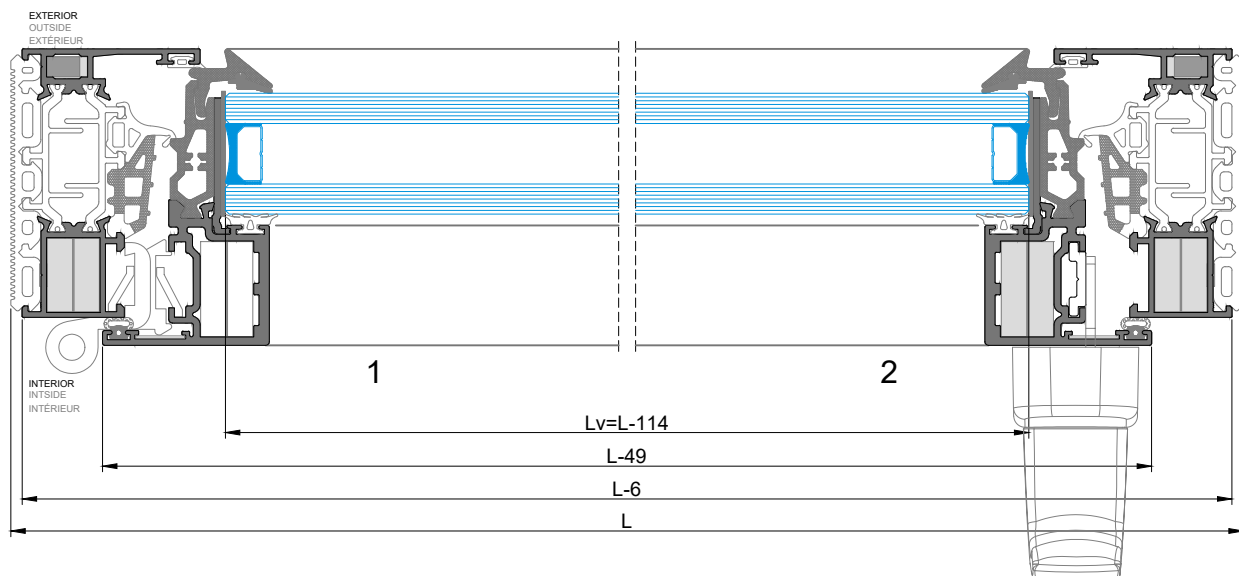


ACESSÓRIOS ACCESSORIES ACCESSOIRES				
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE		
		Batente Casement Battante	Osc.-Batente Tilt-Turn Osc./Battante	
213246	CANTO CR S/SB ANGLE COIN	4	4	
213308	CANTO CR 0018 + PINOS PEQ BLOCKING BRACKET ÉQUERRE	(1)	4	4
204137	ESQUADRO IT/ST Nº1 16-1914-C BLOCKING BRACKET ÉQUERRE	4	4	
204728	ESQUADRO AT 2100 E. P. BLOCKING BRACKET ÉQUERRE	4	4	
202208	DOBRADIÇA 1121.1 HINGE PAUMELLE	2	- *	
200798	MANETE MINIMALISTA CUBIC HANDLE POIGNÉ	-	1	
203017	CAIXA TRANSMISSÃO + MECANISMO BASE HANDLE POIGNÉ	-	1	
200508	CREMONE BATENTE CUBIC HANDLE POIGNÉ	1	-	
223566	KIT BATENTE FOLHA ATIVA SINGLE SASH CASEMENT KIT OUVERTURE À LA FRANÇAISE VANTAIL	1	-	
218132	CALÇOS P/VIDRO 99x33x1mm GLAZING SHIMS CALES POUR VERRE	Diversos Various Divers		
230281	SUPORTE VIDRO ST ST GLAZING SUPPORT SUPPORT POUR VERRE ST	8	8	
210154	GOTEIRA 1875 DRIP GOUTTIÈRE	2	2	
	FERRAGEM PARA OSCIOBATENTE RIBANTA 5 TILT AND TURN HARDWARE RIBANTA 5 FERRURE OSCILLO-BATTANT RIBANTA 5	-	1 *	
ALTERNATIVA ALTERNATIVE ALTERNATIVE:				
204150	ESQUADRO 18-0512-C BLOCKING BRACKET ÉQUERRE	(1)		

* CONSULTAR O MAPA DE FERRAGENS PARA OSCILO-BATENTE
CONSULT THE HARDWARE MAP FOR TILT-AND-TURN
CONSULTER LA CARTE DES FERRURES POUR OSCILLO-BATTANT

VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE
208185	VD 2089	2L+2H
208008	VD 2051	2L+2H
208183	VD 2267	2L+2H
208209	VD 2905	2L+2H
208184	VD 2412 (Opcional Optional Optionnel)	2L+2H
208289	VD 2055	2L+2H
213015	CANTO VULCANIZADO 2267.1 CORNER JOINT JOINT VULCANISÉ	4

MEDIDAS VIDROS (COM VD 2089 - SEM SOLEIRA) GLAZING MEASURES (WITH VD 2089 - WITHOUT SILL) DIMENSIONS DES VERRES (AVEC VD 2089 - SANS SEUIL)	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
L-114	H-113



JANELA DE 1 FOLHA - LINHA OCULTA COM BITE ST 96 OU ST 97
1 LEAF WINDOW - CONCEALED LINE WITH GLAZING BEAD ST 96 OR ST 97
FENÊTRE 1 VANTAIL - LIGNE CACHÉE AVEC PARCLOSE ST 96 OU ST 97

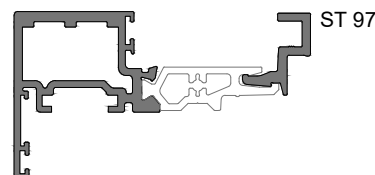
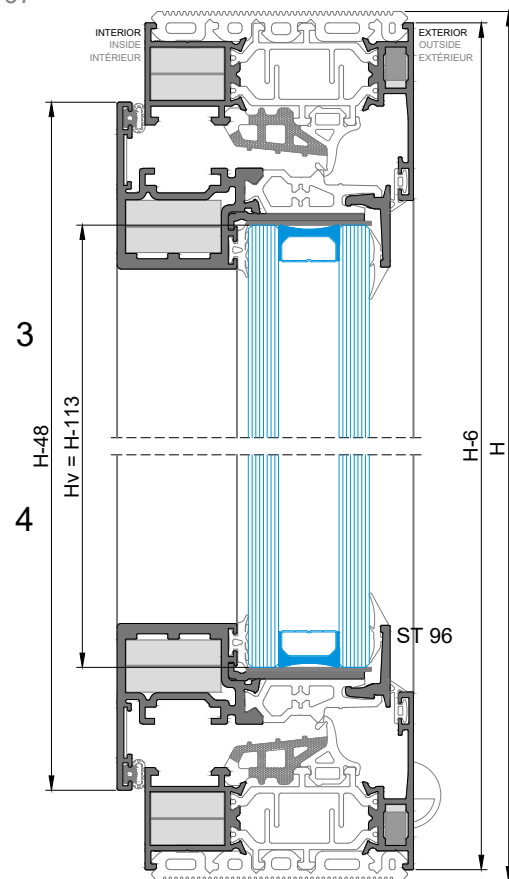
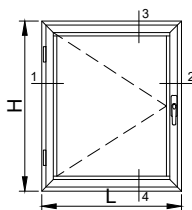
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERT. VERTICAL DETAIL DÉTAIL VERTICALE	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
ST-01	ARO FIXO FIXED FRAME DORMANT	L-6	H-6	2+2	
ST-90	ARO MÓVEL MOBILE FRAME OUVRANT	L-49	H-48	2+2	
ST-96	BITE GLAZING BEAD PARCLOSE	L-92	H-92	2+2	
ST-97	BITE GLAZING BEAD PARCLOSE	L-92	H-92	2+2	
SA-33 ou LT33	VARETA PROFILE PROFILÉ	-	VARIÁVEL VARIABLE		

* Para janelas com oscilo-batente com ferragem Ribanta 5
For tilt-and-turn windows with hardware Ribanta 5
Pour fenêtres oscillo-battante avec serrure Ribanta 5

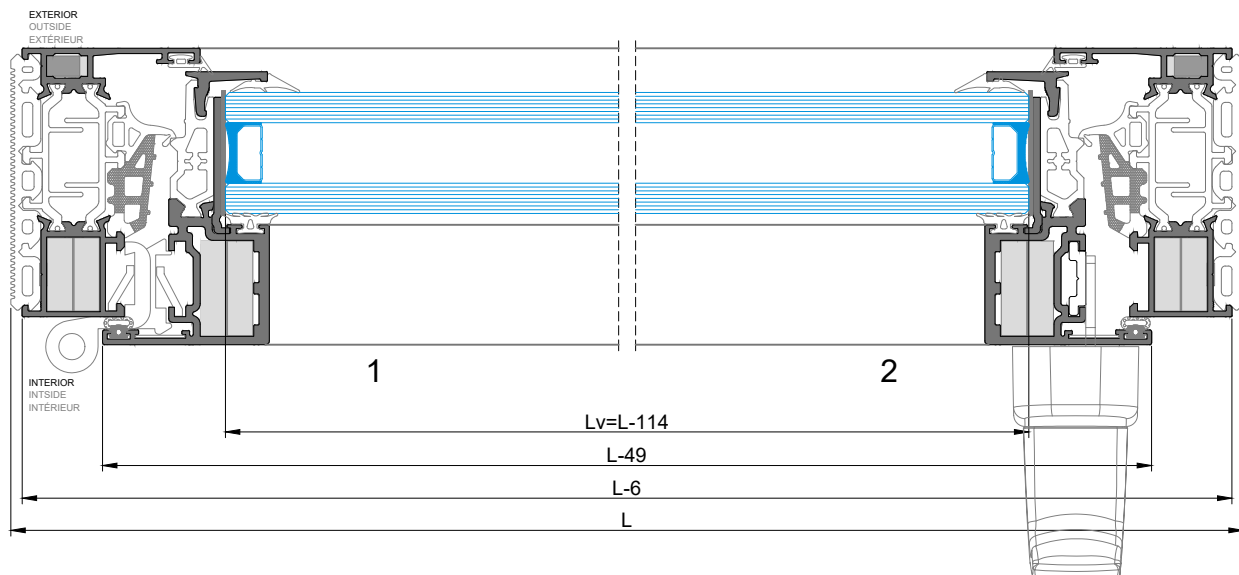
ACESSÓRIOS ACCESSORIES ACCESSOIRES				
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ		
		Batente Casement Battante	Osc.-Batente Tilt-Turn Osc. Battante	
213246	CANTO CR S/SB ANGLE COIN	4	4	
213308	CANTO CR 0018 + PINOS PEQ BLOCKING BRACKET ÉQUERRE	(1)	4	4
204137	ESQUADRO IT ST Nº 18-1914-C BLOCKING BRACKET ÉQUERRE	4	4	
204728	ESQUADRO AT 2100 E. P. BLOCKING BRACKET ÉQUERRE	4	4	
202208	DOBRADIÇA 1121.1 HINGE PAUMELLE	2	- *	
200798	MANETE MINIMALISTA CUBIC HANDLE POIGNÉ	-	1	
203017	CAIXA TRANSMISSÃO + MECANISMO BASE HANDLE POIGNÉ	-	1	
200508	CREMONE BATENTE CUBIC HANDLE POIGNÉ	1	-	
223566	KIT BATENTE FOLHA ATIVA SINGLE SASH CASEMENT KIT OUVERTURE A LA FRANÇAISE 1 VANTAIL	1	-	
218132	CALÇOS P/VIDRO 99x33x1mm GLAZING SHIMS CALES POUR VERRE	Diversos Various Divers		
230281	SUPORTE VIDRO ST ST GLAZING SUPPORT SUPPORT POUR VERRE ST	8	8	
210154	GOTEIRA 1875 DRIP GOUTTIÈRE	2	2	
	FERRAGEM PARA OSCILOBATENTE RIBANTA 5 TILT AND TURN HARDWARE RIBANTA 5 FERRURE OSCILLO-BATTANT RIBANTA 5	-	1 *	
ALTERNATIVA ALTERNATIVE ALTERNATIVE:				
204150	ESQUADRO 18-0512-C BLOCKING BRACKET ÉQUERRE	(1)		

* CONSULTAR O MAPA DE FERRAGENS PARA OSCILO-BATENTE
CONSULT THE HARDWARE MAP FOR TILT-AND-TURN
CONSULTER LA CARTE DES FERRURES POUR OSCILLO-BATTANT

VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208185	VD 2089	2L+2H
208008	VD 2051	2L+2H
208183	VD 2267	2L+2H
208289	VD 2055	2L+2H
208278	VD 2112	2L+2H
VARIÁVEL VARIABLE	JUNTA EXTERIOR GLAZING WEDGE GASKET JOINT EXTÉRIEUR	2L+2H
213015	CANTO VULCANIZADO 2267.1 CORNER JOINT JOINT VULCANISÉ	4



MEDIDAS VIDROS (COM VD 2089 - SEM SOLEIRA) GLAZING MEASURES (WITH VD 2089 - WITHOUT SILL) DIMENSIONS DES VERRES (AVEC VD 2089 - SANS SEUIL)	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
L-114	H-113



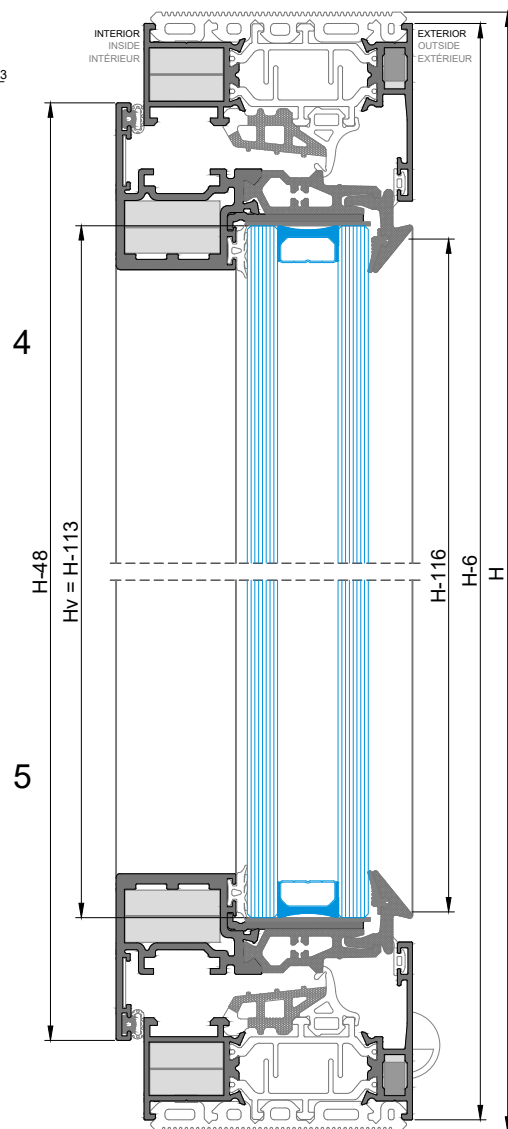
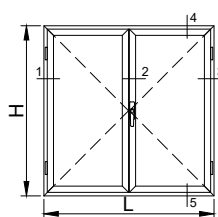
JANELA DE 2 FOLHAS - LINHA OCULTA

2 LEAVES WINDOW - CONCEALED LINE | FENÊTRE À 2 VANTAUX - LIGNE CACHÉE

PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL-DETAIL	CORTE VERT. VERTICAL-DETAIL	QUANT. QUANTITY	CORTE CUT
ST-01	ARO FIXO FIXED FRAME DORMANT	L-6	H-6	2+2	
ST-90	ARO MÓVEL MOBILE FR. LOUVRANT	(L-55)/2	H-48	4+4	
ST-06	INVERSOR INVERTER MENEAU CENTRAL	-	H-116	1	
ST-95	BITE GLAZING BEAD PARCLOSE	L-146	H-94	4+4	
SA-33 ou L33	VARETA PROFILE PROFILÉ	-	VARIÁVEL VARIABLE		

* Para janelas com oscilo-batente com ferragem Ribanta5

For tilt-turn windows with hardware Ribanta 5
Pour fenêtres oscillo-battante avec serrure Ribanta 5



ACESSÓRIOS ACCESSORIES ACCESSOIRES				
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ	QUANTIDADE QUANTITY QUANTITÉ	
			Batente Casement Battante	Osc.-Batente Tilt-Turn Osc. Battante
213246	CANTO CR S/SB ANGLE COIN	8	8	
213308	CANTO CR 0018 + PINOS PEQ BLOCKING BRACKET EQUIERRE	(1)	4	4
204137	ESQUADRO IT/ST N°1 16-1914-C BLOCKING BRACKET EQUIERRE	4	4	
204728	ESQUADRO AT 2100 E. P. BLOCKING BRACKET EQUIERRE	8	8	
202208	DOBRADIÇA 1121.1 HINGE PAUMELLE	4	-	*
200798	MANETE MINIMALISTA CUBIC HANDLE POIGNÉ	-	1	
203017	CAIXA TRANSMISSÃO + MECANISMO BASE HANDLE POIGNÉ	-	1	
200508	CREMONE BATENTE CUBIC HANDLE POIGNÉ	1	-	
223099	KIT BATENTE 2 FOLHAS 2 SASHES CASEMENT KIT OUVERTURE À LA FRANÇAISE 2 VANTAUX	1	-	
212069	CONJ. TOPO INVERSOR ST END. CAP. KIT KIT D'EMBOUT.	1	1	
218132	CALÇOS P/VIDRO 99x33x1mm GLAZING SHIMS CALÈS POUR VERRE	Diversos Various Divers		
230281	SUPOORTE VIDRO ST ST GLAZING SUPPORT SUPPORT POUR VERRE ST	16	16	
210154	GOTEIRA 1875 DRIP GOUTTIÈRE	2	2	
	FERRAGEM PARA OSCILOBATENTE RIBANTA 5 TILT AND TURN HARDWARE RIBANTA 5 FERRURE OSCILLO-BATTANT RIBANTA 5	-	1	*
ALTERNATIVA ALTERNATIVE ALTERNATIVE:				
204150	ESQUADRO 18-0512-C BLOCKING BRACKET EQUIERRE	(1)		

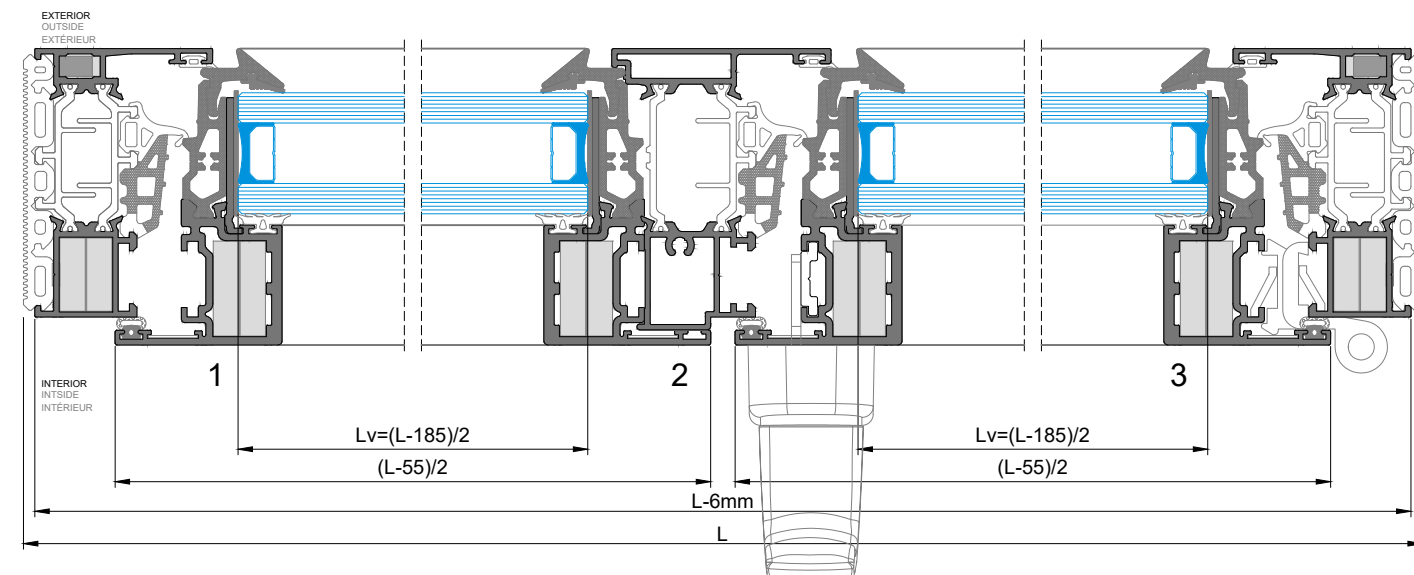
* CONSULTAR O MAPA DE FERRAGENS PARA OSCILO-BATENTE

CONSULT THE HARDWARE MAP FOR TILT-AND-TURN

CONSULTER LA CARTE DES FERRURES POUR OSCILLO-BATTANT

VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208185	VD 2089	2L+2H
208008	VD 2051	2L+3H
208183	VD 2267	2L+3H
208209	VD 2905	2L+4H
208184	VD 2412 (Opcional Optional Optionnel)	2L+3H
208289	VD 2055	2L+4H
213015	CANTO VULCANIZADO 2267.1 CORNER JOINT JOINT VULCANISÉ	4

MEDIDAS VIDROS (COM VD 2089 - SEM SOLEIRA) GLAZING MEASURES (WITH VD 2089 - WITHOUT SILL) DIMENSIONS DES VERRRES (AVEC VD 2089 - SANS SEUIL)	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
(H-185)/2	H-113



JANELA DE 1 FOLHA

1 LEAF WINDOW | FENÊTRE À 1 VANTAIL

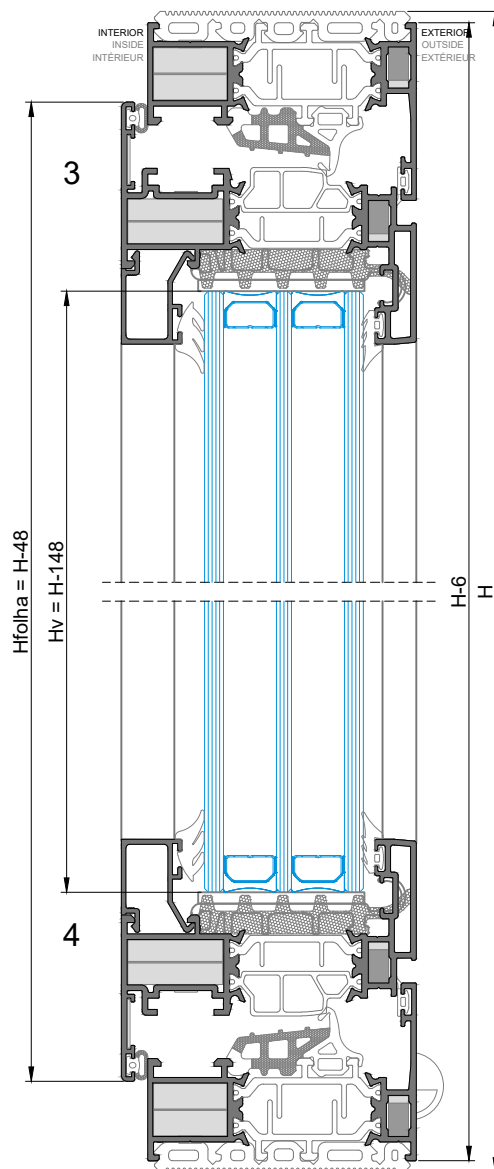
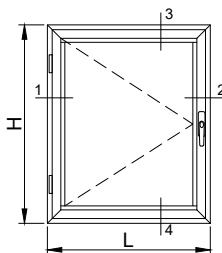
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL-DETAIL	CORTE VERT. VERTICAL-DETAIL	QUANT. QUANTITY	CORTE CUT ÉCOUPE
ST-01	ARO FIXO FIXED FRAME DORMANT	L-6	H-6	2+2	
ST-02	ARO MÓVEL MOBILE FR. OUVRANT	L-48	H-48	2+2	
	BITE GLAZING BEAD PARCLOSE	L-136	H-176	2+2	
SA-33 ou LT33	VARETA PROFILE PROFILÉ	-	VARIÁVEL VARIABLE		

* Para janelas com oscilo-batente com ferragem Ribanta5
For tilt-turn windows with hardware Ribanta 5
Pour fenêtres oscillo-battante avec serrure Ribanta 5

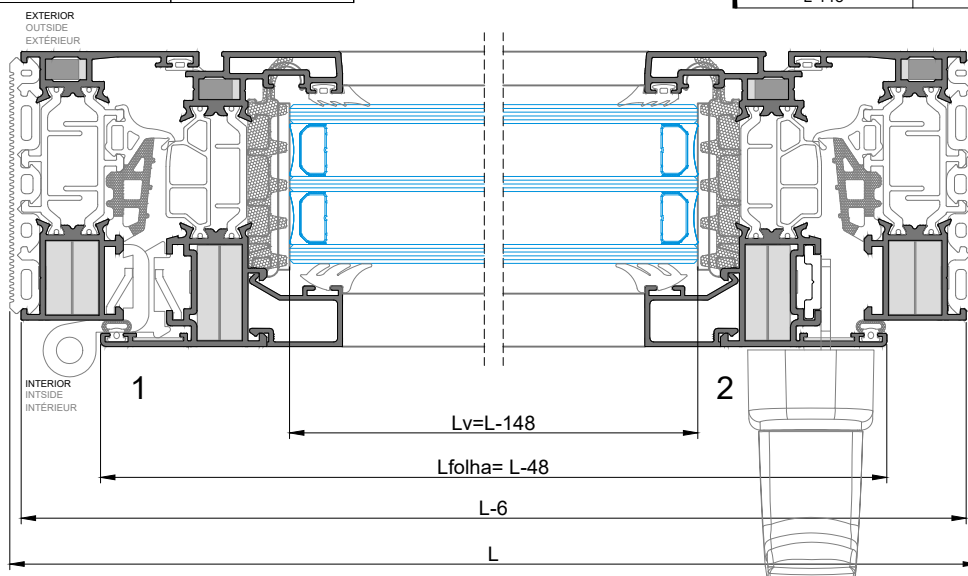
ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
		Batente Casement Battante	Osc.-Batente Tilt-turn Osc.-Battante
213261	CANTO ALINHAMENTO S 11/ST (ou CANTO CR S/SB) ALIGNEMENT ANGLE (ou ANGLE) COIN D'ALIGNEMENT (ou COIN)	4	4
204131	ESQUADRO DE ALINHAMENTO COM APERTO BLOCKING BRACKET ÉQUERRE	4	4
213308	CANTO CR 0018 + PINOS PEQ BLOCKING BRACKET ÉQUERRE (1)	8	8
204137	ESQUADRO 11/ST N°1 16-1914-C BLOCKING BRACKET ÉQUERRE	4	4
204142	ESQUADRO 11/ST N°5 18-2512-140 BLOCKING BRACKET ÉQUERRE	4	4
202208	DOBRADIÇA 1121.1 HINGE PAUMELLE	2	- *
200798	MANETE MINIMALISTA CUBIC HANDLE POIGNÉ	-	1
203017	CAIXA TRANSMISSÃO + MECANISMO BASE HANDLE POIGNÉ	-	1
200508	CREMONE BATENTE CUBIC HANDLE POIGNÉ	1	-
223566	KIT BATENTE FOLHA ATIVA SINGLE SASH CASEMENT KIT OUVERTURE À LA FRANÇAISE VANTAIL	1	-
218126	CALÇOS P/VIDRO S/ST NYLON GLAZING SHIMS CALES POUR VERRE	1m	1m
218109	CALÇOS P/VIDRO 79x40x3 GLAZING SHIMS CALES POUR VERRE	Diversos Various Divers	
210154	GOTEIRA 1875 DRIP GOUTTIÈRE	2	2
	FERRAGEM PARA OSCILOBATENTE RIBANTA 5 TILT AND TURN HARDWARE RIBANTA 5 FERRURE OSCILLO-BATTANT RIBANTA 5	-	1 *
ALTERNATIVA ALTERNATIVE ALTERNATIVE:			
204150	ESQUADRO 18-0512-C BLOCKING BRACKET ÉQUERRE (1)		

* CONSULTAR O MAPA DE FERRAGENS PARA OSCILO-BATENTE
CONSULT THE HARDWARE MAP FOR TILT-AND-TURN
CONSULTER LA CARTE DES FERRURES POUR OSCILLO-BATTANT

VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE
208185	VD 2089	2L+2H
208008	VD 2051 (1)	2L+2H
208183	VD 2267	2L+2H
208184	VD 2412 (Opcional Optional Optionnel)	2L+2H
208350	VD 2003	2L+2H
208182	VD 2090	2L+2H
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTERIEUR	2L+2H
213015	CANTO VULCANIZADO 2267.1 CORNER JOINT JOINT VULCANISE	4
ALTERNATIVA ALTERNATIVE ALTERNATIVE		
(1) 208143	VD 2071	



MEDIDAS VIDROS (COM VD 2089 - SEM SOLEIRA) GLAZING MEASURES (WITH VD 2089 - WITHOUT SILL) DIMENSIONS DES VERRES (AVEC VD 2089 - SANS SEUIL)	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
L-148	H-148



JANELA DE 2 FOLHAS

2 LEAVES WINDOW | FENÊTRE À 2 VANTAUX

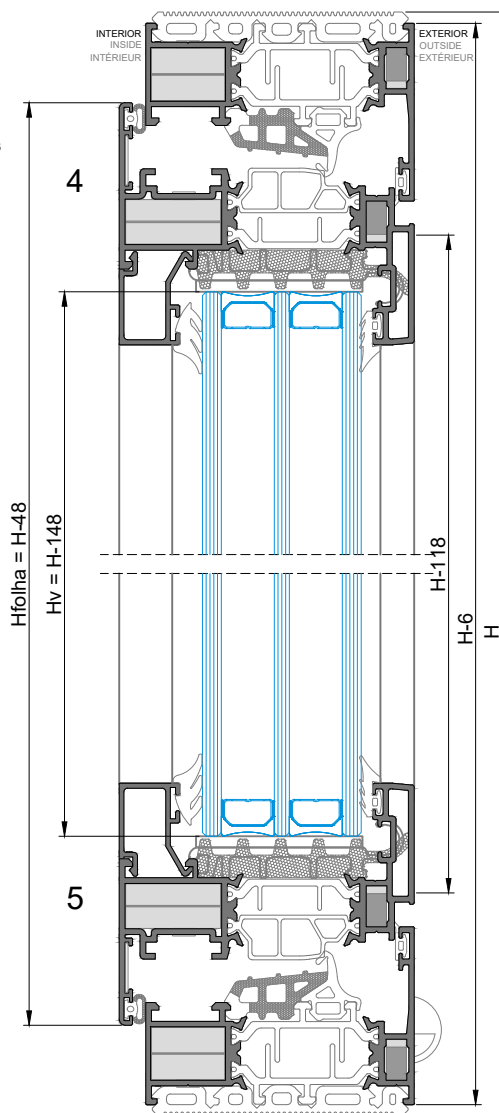
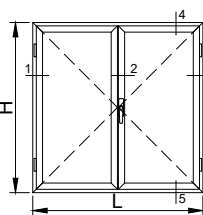
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERT. VERTICAL DETAIL DÉTAIL VERTICALE	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
ST-01	ARO FIXO FIXED FRAME DORMANT	L-6	H-6	2+2	
ST-02	ARO MÓVEL MOBILE FR. OUVVRANT	(L-55)/2	H-48	4+4	
ST-06	INVERSOR INVERTER MENEAU CENTRAL	-	H-118	1	
	BITE GLAZING BEAD PARCLOSE	(L-231)/2	H-176	4+4	
SA-33 ou LT33	VARETA PROFILE PROFILÉ	-		VARIÁVEL VARIABLE	

* Para janelas com oscilo-batente com ferragem Ribanta 5
For tilt-turn windows with hardware Ribanta 5 | Pour fenêtres oscillo-battante avec serrure Ribanta 5

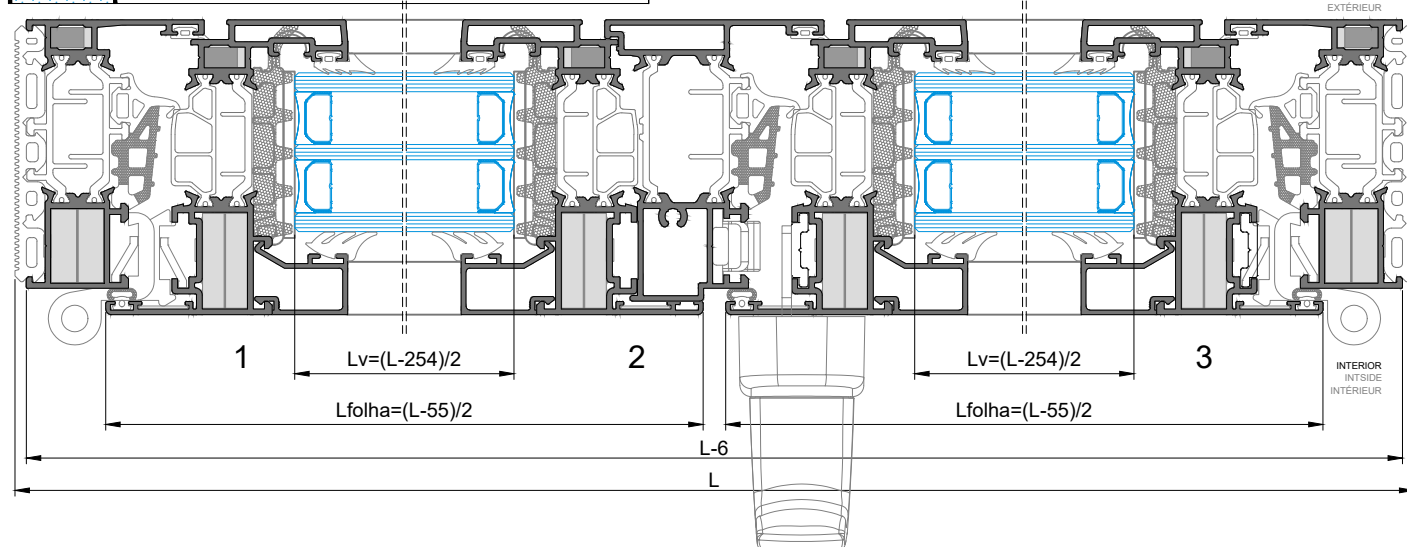
ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ	
		Batente Casement Battante	Osc.-Batente Tilt-Turn Osc.-Battante
213261	CANTO ALINHAMENTO S IT/ST (or CANTO CR S/SB) ALIGNMENT ANGLE (or ANGLE) COIN D'ALIGNEMENT (ou COIN)	8	8
204131	ESQUADRO DE ALINHAMENTO COM APERTO BLOCKING BRACKET EOUERRE	8	8
213308	CANTO CR 0018 + PINOS PEQ BLOCKING BRACKET EOUERRE	(1)	12
204137	ESQUADRO IT/ST Nº1 16-1914-C BLOCKING BRACKET EOUERRE	4	4
204142	ESQUADRO IT/ST Nº5 18-2512-140 BLOCKING BRACKET EOUERRE	8	8
202208	DOBRADIÇA 1121.1 HINGE PAUMELLE	4	- *
200798	MANETE MINIMALISTA CUBIC HANDLE POIGNÉ	-	1
203017	CAIXA TRANSMISSÃO + MECANISMO BASE HANDLE POIGNÉ	-	1
200508	CREMONE BATENTE CUBIC HANDLE POIGNÉ	1	-
223099	KIT BATENTE 2 FOLHAS 2 SASHES CASEMENT KIT OUVERTURE À LA FRANÇAISE 2 VANTAUX	1	-
218126	CALÇOS P/VIDRO S/ST NYLON GLAZING SHIMS CALES POUR VERRE	1m	1m
218109	CALÇOS P/VIDRO 79x40x3 GLAZING SHIMS CALES POUR VERRE	Diversos	Various Divers
210154	GOTEIRA 1875 DRIP GOUTIÈRE	2	2
212069	CONJUNTO TOPO INVERSOR ST END CAP KIT KIT D'EMBOUT	1	1
	FERRAGEM PARA OSCILOBATENTE RIBANTA 5 TILT AND TURN HARDWARE RIBANTA 5 FERRURE OSCILLO-BATTANT RIBANTA 5	-	1 *
ALTERNATIVA ALTERNATIVE ALTERNATIVE:			
204150	ESQUADRO 18-0512-C BLOCKING BRACKET EOUERRE	(1)	

* CONSULTAR O MAPA DE FERRAGENS PARA OSCILO-BATENTE
CONSULT THE HARDWARE MAP FOR TILT-AND-TURN
CONSULTER LA CARTE DES FERRURES POUR OSCILLO-BATTANT

VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	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
208350	VD 2003	2L+4H
208182	VD 2090	2L+4H
VARIÁVEL	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTERIEUR	2L+4H
213015	CANTO VULCANIZADO 2267.1 CORNER JOINT JOINT VULCANISE	4
ALTERNATIVA ALTERNATIVE ALTERNATIVE		
(1) 208143	VD 2071	



MEDIDAS VIDROS (COM VD 2089 - SEM SOLEIRA) GLAZING MEASURES (WITH VD 2089 - WITHOUT SILL DIMENSIONS DES VERRES (AVEC VD 2089 - SANS SEUIL)	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
(L-254)/2	H-148



JANELA DE BATENTE DE 1 FOLHA - ABERTURA PARA EXTERIOR

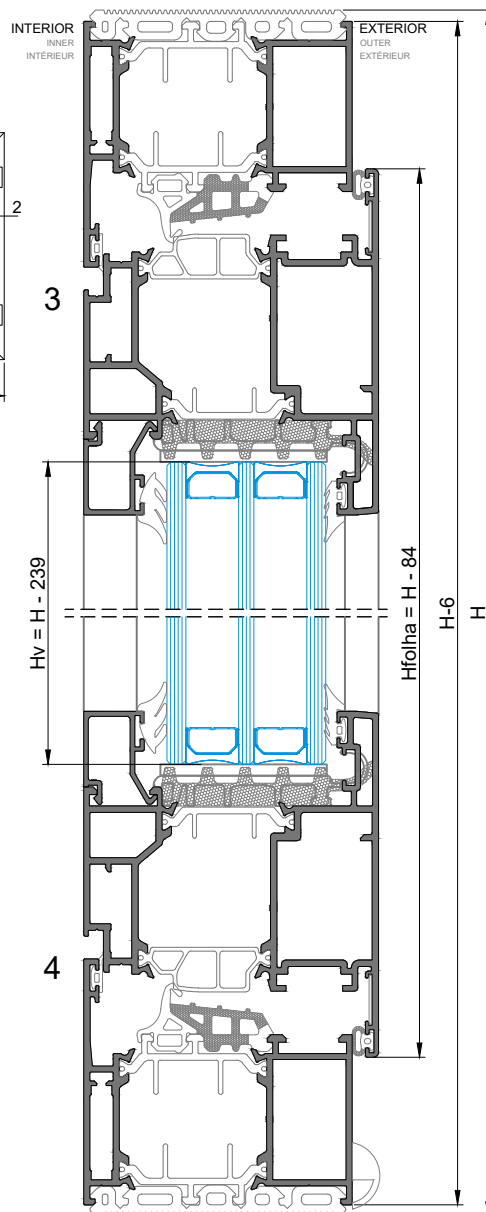
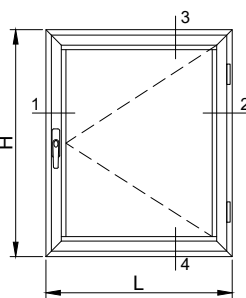
1 LEAF CASEMENT WINDOW - OUTWARD OPENING

FENÊTRE À BATTANT À 1 VANTAIL - OUVERTURE VERS L'EXTÉRIEUR

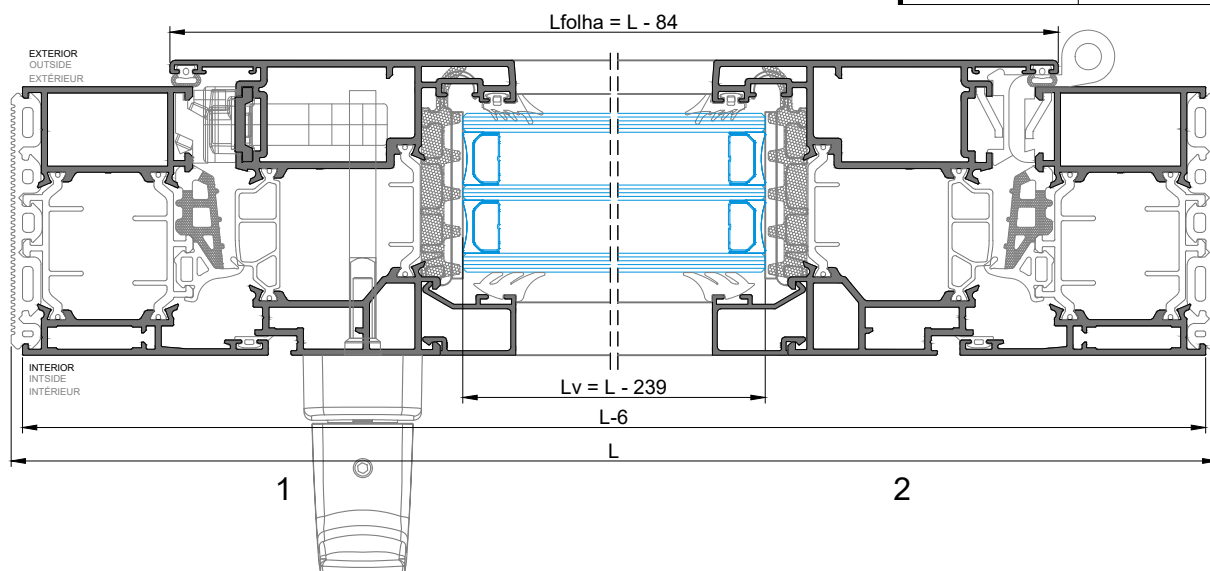
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL-DETAIL DETAIL HORIZONTAL	CORTE VERT. VERTICAL-DETAIL DETAIL VERTICAL	QUANT. QUANTITY	CORTE CUT COUPE
ST-07	ARO FIXO FIXED FRAME DORMANT	L-6	H-6	2+2	
ST-12	ARO MÓVEL MOBILE FR. OUVVRANT	L-84	H-84	2+2	
	BITE GLAZING BEAD PARCLOSE	L-227	H-267	2+2	
SA-33	VARETA PROFILE PROFILÉ	-	Variável Variable Variable		

ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE
		Batente Casement Battante
213261	CANTO ALINHAMENTO S IT/ST (ou CANTO CR S/SB) ALIGNMENT ANGLE (or ANGLE) COIN D'ALIGNEMENT (ou COIN)	4
204131	ESQUADRO DE ALINHAMENTO COM APERTO	4
213309	BLOCKING BRACKET EOUERRE CANTO CR 0182+PINOS GR. (1)	8
204139	BLOCKING BRACKET EOUERRE ESQUADRO IT/ST Nº3 16-1931-C	4
204730	BLOCKING BRACKET EOUERRE ESQUADRO AT E. GRANDE	4
202208	DOBRADIÇA 1121.1 HINGE PAUMELLE	2
200793	MANETE DE QUADRA CUBIC HANDLE POIGNÉ	1
228012	MECANISMO MONO 90 EXT 0507177 TRANSMISSION BOX BOÎTE DE TRANSMISSION	1
223102	KIT FIXAÇÃO ABERTURA EXTERIOR OUTWARD FIXING KIT KIT FIXATION OUVERTURE EXTÉRIEUR	1
212232	CONJUNTO FECHO OB 5233 CLOSING KIT SET DE FERMETURE	2/ml
218126	CALÇOS P/VIDRO S/ST NYLON GLAZING SHIMS CALES POUR VERRE	1m
218109	CALÇOS P/VIDRO 79x40x3	Diversos Various Divers
210154	GOTEIRA 1875 DRIP GOUTTIÈRE	2
ALTERNATIVA ALTERNATIVE ALTERNATIVE:		
(1) 204151	ESQUADRO 18-0525-C BLOCKING BRACKET EOUERRE	(1)

VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE
208185	VD 2089	2L+2H
208008	VD 2051 (1)	2L+2H
208184	VD 2412 (Opcional Optional Optionnel)	2L+2H
208183	VD 2267	2L+2H
208350	VD 2003	2L+2H
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	2L+2H
213015	CANTO VULCANIZADO 2267.1 CORNER JOINT JOINT VULCANISÉ	4
ALTERNATIVA ALTERNATIVE ALTERNATIVE:		
(1) 208143	VD 2071	



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
L-239	H-239



PORTA DE 1 FOLHA - ABERTURA PARA INTERIOR - LINHA OCULTA

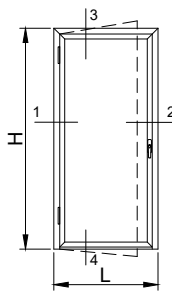
1 LEAF DOOR - INWARD OPENING - CONCEALED LINE

PORTE À 1 VANTAIL - OUVERTURE VERS L'INTÉRIEUR - LIGNE CACHÉE

PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERT. VERTICAL DETAIL DÉTAIL VERTICAL	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
ST-01	ARO FIXO FIXED FRAME DORMANT	L-6	H-3	1+2	
ST-90	ARO MÓVEL MOBILE FRAME OUVRANT	L-49	H-32	2+2	
ST-95	BITE GLAZING BEAD PARCLOSE	L-94	H-78	2+2	
ST-91	PERFIL FECHADURA LOCK PROFILE PROFILÉ SERRURE	-	H-92	1	
ST-34	SOLEIRA SILL SEUIL	L-60	-	1	
IT-33	PINGADEIRA DRIP JET D'EAU	L-117	-	1	

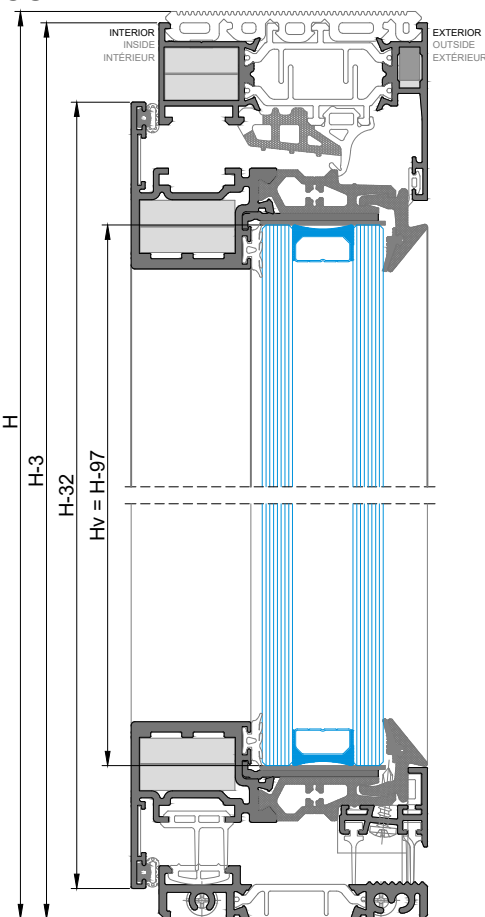
ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
213246	CANTO CR S/SB ANGLE COIN	4
204150	ESQUADRO 18-0512-C BLOCKING BRACKET EQUIERRE	2
204137	ESQUADRO IT/ST Nº1 16-1914-C BLOCKING BRACKET EQUIERRE	2
204728	ESQUADRO AT 2100 E. P. BLOCKING BRACKET EQUIERRE	4
202235	DOBRADIÇA PORTA 2L AFINAÇÃO 3D HINGE PAUMELLE	3
200792	PUXADOR PORTA DUPLO CUBIC HANDLE POIGNÉ	1
230502	SEGREDO 70/30 CYLINDER LOCK CYLINDRE DE SERRURE	1
220190	ESPELHO 874.801 CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
201616	FECHADURA 3 PONTOS PERFORMA 40 LOCKER SERRURE	1
280011	TESTA SUP/INF 22x197 P/FECH. PERFORMA STRICKING PLATE GÂCHE	2
280012	TESTA CENTRAL 22x227 P/FECH. PERFORMA STRICKING PLATE GÂCHE	1
212387	CONJUNTO TOPOS IT 33 END-CAP KIT EMBOUT	1
	CALÇO ST OCULTA P/PINGADEIRA IT 33 ST CONCEALED SHIM FOR DRIP CALE ST CACHÉÉ POUR JET D'EAU	2
218132	CALÇOS P/VIDRO 99x33x1mm GLAZING SHIMS CALES POUR VERRE	Diversos Various Divers
230281	SUPORTE VIDRO ST ST GLAZING SUPPORT SUPPORT POUR VERRE ST	8

* Para obter o Topo, consultar o Gabinete Técnico
To obtain the End-cap, consult Technical Department | Pour l'embout, consulter le Département Technique



3

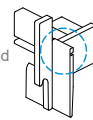
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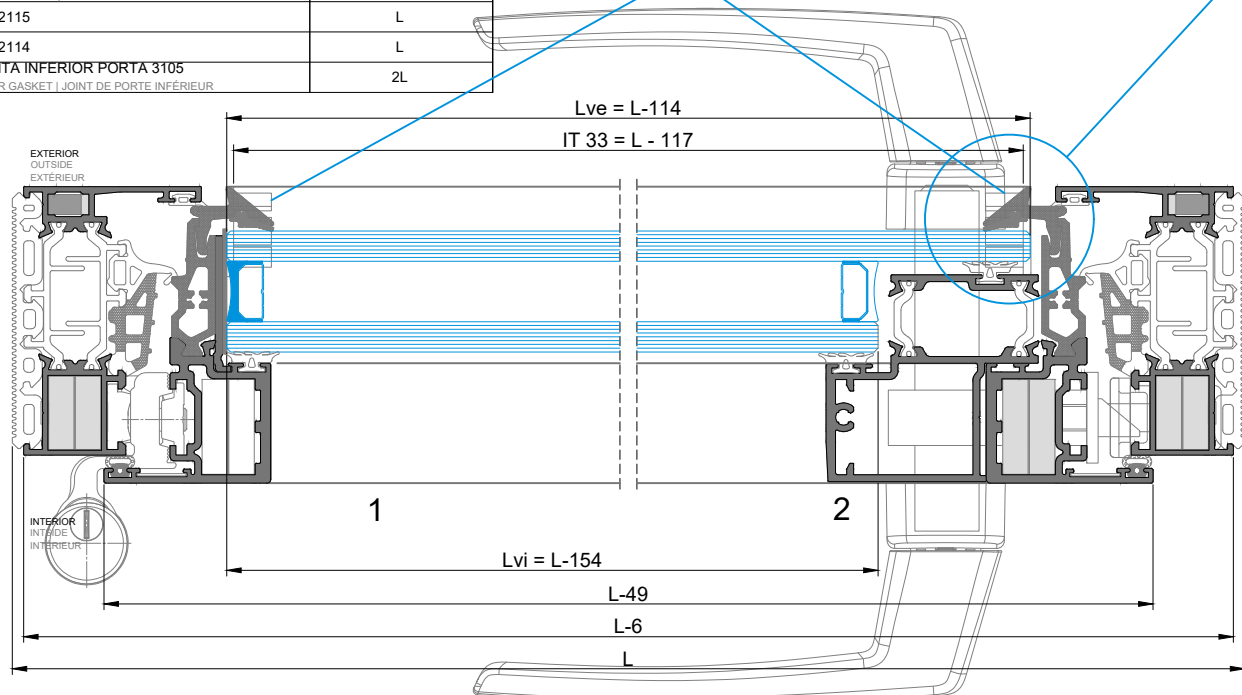
VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208185	VD 2089	2L+2H
208008	VD 2051	2L+2H
208183	VD 2267	2L+2H
208289	VD 2055	2L+2H
208209	VD 2905	2L+2H
208184	VD 2412 (Opcional Optional Optionnel)	2L+2H
	CANTO VULCANIZADO 2267.1 CORNER JOINT JOINT VULCANISÉ	2
213015	213015	2
208345	VD 2115	L
208344	VD 2114	L
208292	JUNTA INFERIOR PORTA 3105 DOOR GASKET JOINT DE PORTE INFÉRIEUR	2L

MEDIDAS VIDROS (COM VD 2089) GLAZING MEASURES (WITH VD 2089) DIMENSIONS DES VERRES (AVEC VD 2089)	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
Lve = L-114 Lvi = L-154	H-97

A pestana dos topos laterais deverá ser removida.
The lash of the end-caps should be removed.
Le cil d'embouts latéraux doit être enlevé.



Importante: é necessário executar entalhe para aplicação do puxador
Important: it is necessary to perform notch for handle application
Important: il est nécessaire d'effectuer une entaille pour appliquer la poignée



PORTA DE 1 FOLHA - ABERTURA PARA INTERIOR - COM PERFIL DE SOLEIRA ST 49

1 LEAF DOOR - INWARD OPENING - WITH SILL ST 49 PROFILE

PORTE À 1 VANTAIL - OUVERTURE VERS L'INTÉRIEUR - AVEC PROFILÉ DE SEUIL ST 49

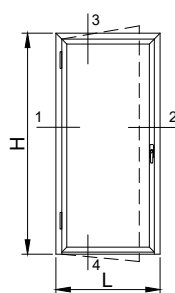
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL DETAIL	CORTE VERT. VERTICAL DETAIL	QUANT. QUANTITY	CORTE CUT
ST-07	ARO FIXO FIXED FRAME DORMANT	L-6	H-3	1+2	
ST-11	ARO MÓVEL MOVABLE FRAME OUVVRANT	L-84	H-56	2+2	
ST-49	SOLEIRA SILL SEUIL	L-96	-	1	
IT-32	PINGADEIRA DRIP JET D'EAU	L-151	-	1	
	BITE GLAZING BEAD PARCLOSE	L-208	H-220	2+2	

ACESSÓRIOS | ACCESSORIES | ACCESSOIRES

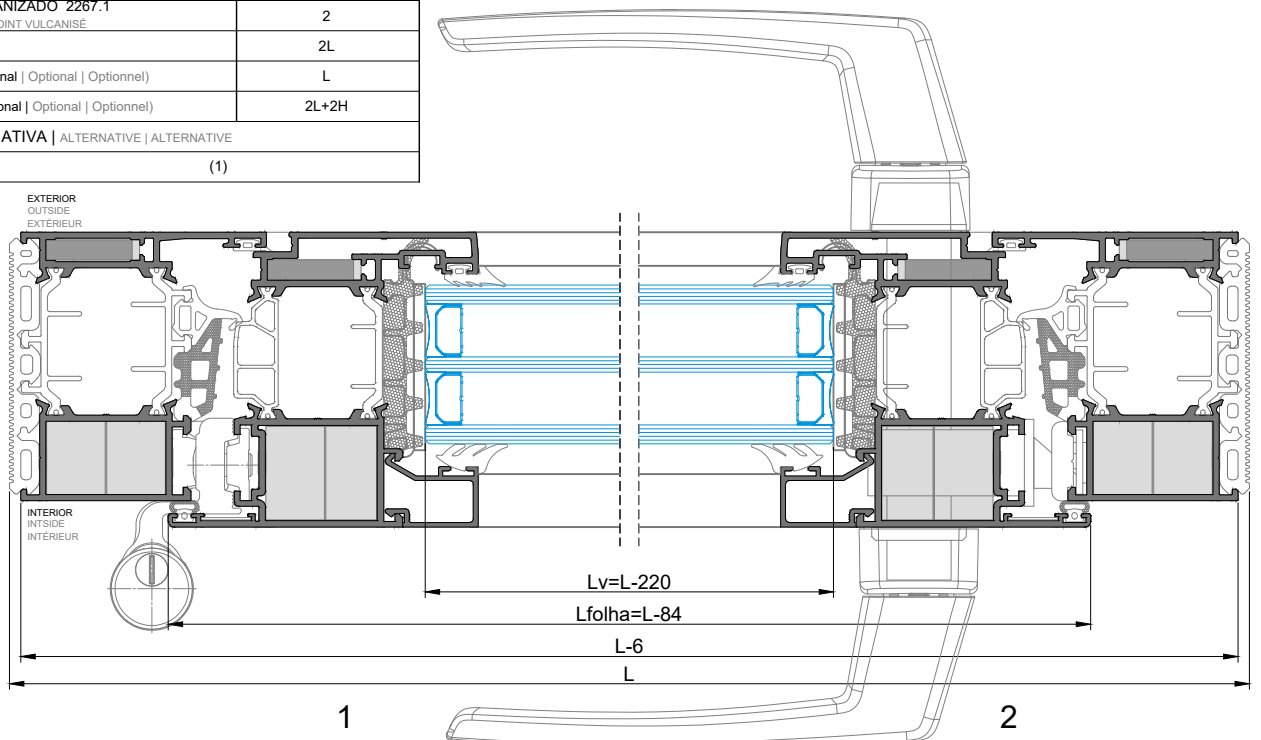
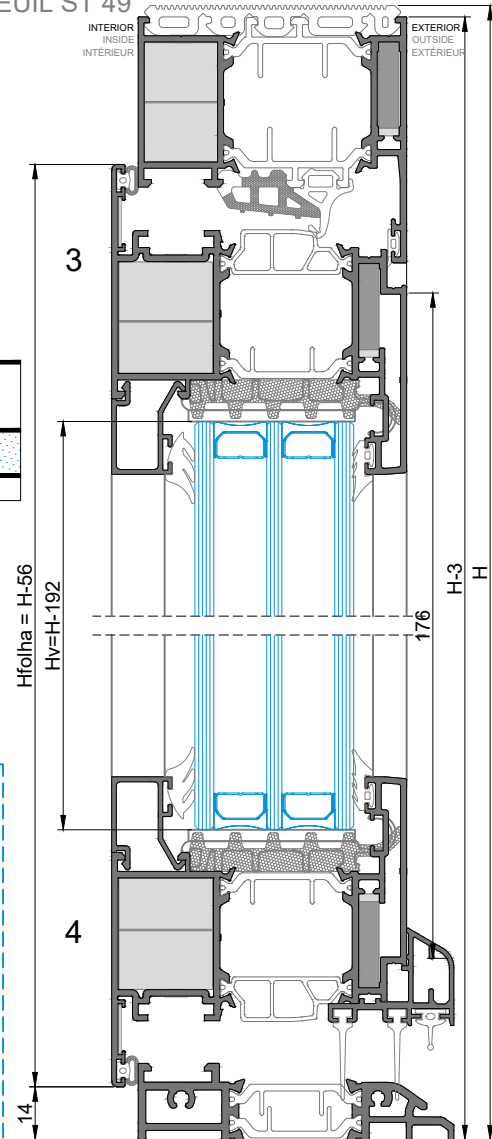
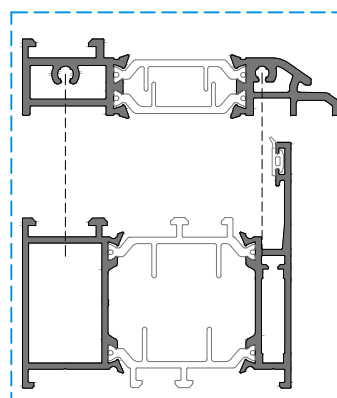
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
213246	CANTO CR S/SB ANGLE COIN	4
204139	ESQUADRO IT/ST Nº3 16-1931-C BLOCKING BRACKET ÉQUERRE	2
204143	ESQUADRO IT/ST Nº6 18-2530-140 BLOCKING BRACKET ÉQUERRE	4
204151	ESQUADRO 18-0525-C BLOCKING BRACKET ÉQUERRE	(1) 6
204131	ESQUADRO DE ALINHAMENTO COM APERTO BLOCKING BRACKET ÉQUERRE	4
202235	DOBRADIÇA PORTA 2L AFINAÇÃO 3D HINGE PAUMELLE	3
201128	FECHADURA 3 PONTOS 7717x30 LOCKER SERRURE	1
230502	SEGREDO 70/30 CYLINDER LOCK CYLINDRE DE SERRURE	1
220190	ESPELHO 874.801 CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
200792	PUXADOR PORTA DUPLO CUBIC HANDLE POIGNE	1
227302	QUADRA DESCENTRADA 130mm SQUARE SPINDLES TIGE CARRÉE	1
280220	TESTA FECHADURA PRUMO 2000 STRICKING PLATE GÂCHE	1
280230	TESTA FECHADURA STAND 2001 STRICKING PLATE GÂCHE	2
212346	CONJ. TAPA-TOPO SA32 END-CAP KIT KIT D'EMBOÛTE	1
218126	CALÇOS P/VIDRO S/ST NYLON GLAZING SHIMS CALES POUR VERRE	1m
218109	CALÇOS P/VIDRO 79x40x3 GLAZING SHIMS CALES POUR VERRE	Diversos Various Divers
ALTERNATIVA ALTERNATIVE ALTERNATIVE		
213309	CANTO CR 0182+PINOS GR. BLOCKING BRACKET ÉQUERRE	(1)

VEDANTES | SEALENTS | JOINTS

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208185	VD 2089	L+2H
208008	VD 2051	(1) 2L+2H
208184	VD 2412 (Opcional Optional Optionnel)	L+2H
208183	VD 2267	L+2H
208350	VD 2003	2L+2H
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	2L+2H
213015	CANTO VULCANIZADO 2267.1 CORNER JOINT JOINT VULCANISE	2
208294	VR 3180	2L
208246	VD 1140 (Opcional Optional Optionnel)	L
208182	VD 2090 (Opcional Optional Optionnel)	2L+2H
ALTERNATIVA ALTERNATIVE ALTERNATIVE		
208143	VD 2071	(1)

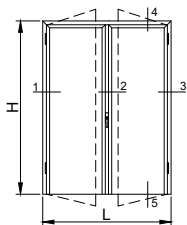


MEDIDAS VIDROS (COM VD 2089) GLAZING MEASURES (WITH VD 2089) DIMENSIONS DES VERRES (AVEC VD 2089)	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
L-220	H-192



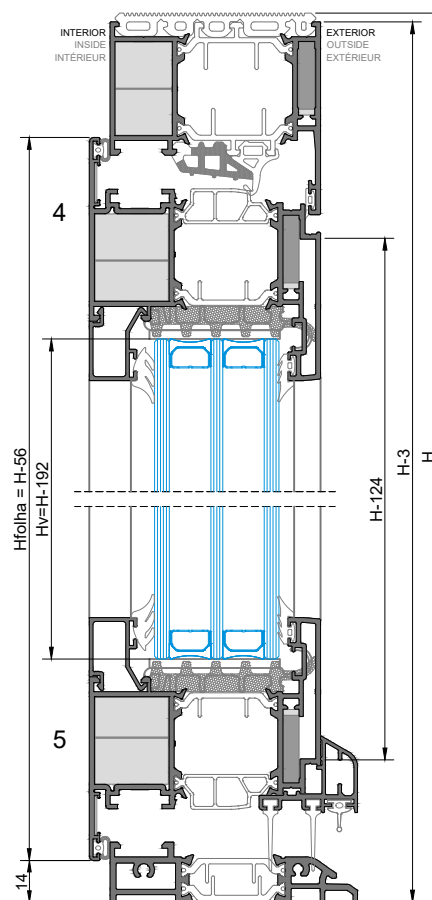
PORTA DE 2 FOLHAS - ABERTURA PARA INTERIOR - COM PERFIL DE SOLEIRA ST 49
2 LEAVES DOOR - INWARD OPENING - WITH SILL ST 49 PROFILE
PORTE À 2 VANTAUX - OUVERTURE VERS L'INTÉRIEUR - AVEC PROFILÉ DE SEUILST 49

MEDIDAS VIDROS (COM VD 2089) GLAZING MEASURES (WITH VD 2089) DIMENSIONS DES VERRES (AVEC VD 2089)	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
(L-362)/2	H-192

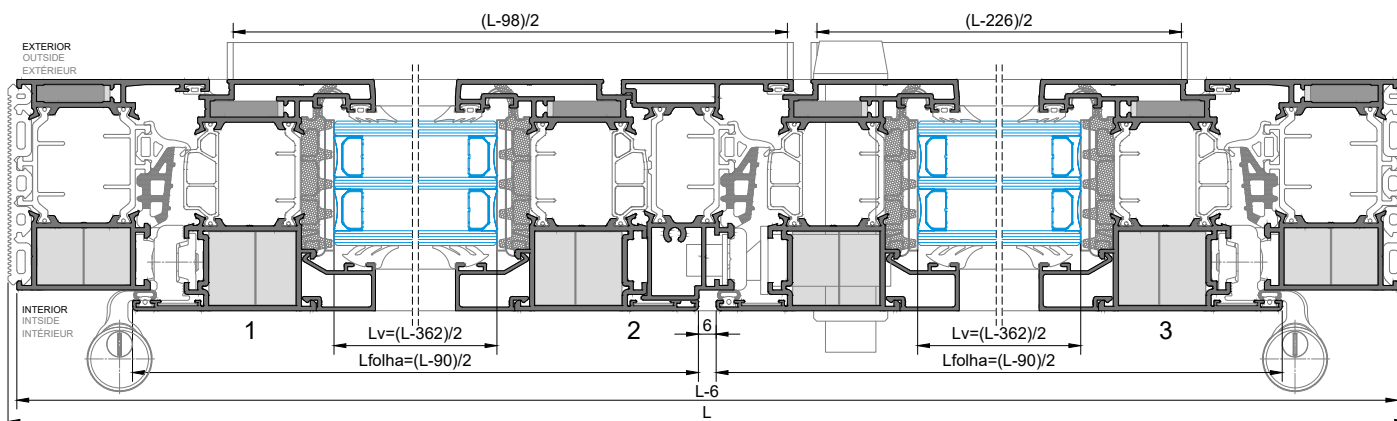


PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL DETAIL DETAIL HORIZONTAL	CORTE VERT. VERTICAL DETAIL DETAIL VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
ST-07	ARO FIXO FIXED FRAME DORMANT	L-6	H-3	1+2	
ST-11	ARO MÓVEL MOBILE FR. LOUVRANT	(L-90)/2	H-56	4+4	
ST-06	INVERSOR INVERTER MENEAU CENTRAL	-	H-124	1	
ST-49	SOLEIRA SILL SEUIL	L-96	-	1	
IT-32	PINGADEIRA DRIP JET D'EAU	(L-226)/2	-	1	
	BITTE GLAZING BEAD PARCLOSE	(L-339)/2	H-220	4+4	

ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE
213246	CANTO CR S/SB ANGLE COIN	8
204139	ESQUADRO IT/ST N°3 16-1931-C BLOCKING BRACKET EQUEURRE	2
204143	ESQUADRO IT/ST N°6 18-2530-140 BLOCKING BRACKET EQUEURRE	8
204151	ESQUADRO 18-0525-C BLOCKING BRACKET EQUEURRE	(1) 10
204131	ESQUADRO DE ALINHAMENTO COM APERTO BLOCKING BRACKET EQUEURRE	8
202235	DOBRADIÇA PORTA 2L AFINAÇÃO 3D HINGE PAUMELLE	6
201128	FECHADURA 3 PONTOS 7717x30 LOCKER SERRURE	1
230502	SEGREDO 70/30 CYLINDER LOCK CYLINDRE DE SERRURE	1
220190	ESPELHO 874.801 CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
200792	PUXADOR PORTA DUPLO CUBIC HANDLE POIGNÉ	1
227302	QUADRA DESCENTRADA 130mm SQUARE SPINDLES TIGE CARRÉE	1
280220	TESTA FECHADURA PRUMO 2000 STRICKING PLATE GÂCHE	1
280230	TESTA FECHADURA STAND 2001 STRICKING PLATE GÂCHE	2
212346	CONJ. TAPA-TOPO SA32 END-CAP KIT KIT D'EMBOUTE	2
218126	CALÇOS P/VIDRO S/ST NYLON GLAZING SHIMS CALES POUR VERRE	2m
218109	CALÇOS P/VIDRO 79x40x3 GLAZING SHIMS CALES POUR VERRE	Diversos Various Divers
212069	CONJUNTO TOPO INVERSOR ST END-CAP KIT KIT D'EMBOUTE	1
225155	PASSADOR REVERSIVEL 1550 2 ND LEAF LOCKER FERMETURE POUR 2 ^{EME} VANTAIL	2
211103	PONTO FECHO PAVIMENTO 1409/8 FLOOR KEEPER POINT DE CLÔTURE	1
202077	CONTRA FECHO DUPLO 1404 COUNTER-LOCK CONTRE-FERMETURE	1
ALTERNATIVA ALTERNATIVE ALTERNATIVE		
213309	CANTO CR 0182+PINOS GR. BLOCKING BRACKET EQUEURRE	(1)



VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE
208185	VD 2089	L+2H
208008	VD 2051	(1) 2L+3H
208184	VD 2412 (Opcional Optional Optionnel)	L+3H
208183	VD 2267	L+3H
208350	VD 2003	2L+4H
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	2L+4H
213015	CANTO VULCANIZADO 2267.1 CORNER JOINT JOINT VULCANISÉ	2
208294	VR 3180	2L
208246	VD 1140 (Opcional Optional Optionnel)	L
208182	VD 2090	2L+4H
ALTERNATIVA ALTERNATIVE ALTERNATIVE		
208143	VD 2071	(1)

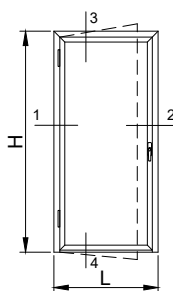


PORTA DE 1 FOLHA - ABERTURA PARA INTERIOR - COM PERFIL IT 33

1 LEAF DOOR - INWARD OPENING - WITH IT 33 PROFILE

PORTE À 1 VANTAIL - OUVERTURE VERS L'INTÉRIEUR - AVEC PROFILÉ IT 33

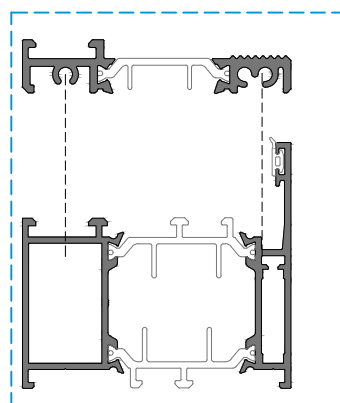
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL-DETAIL DETAIL HORIZONTAL	CORTE VERT. VERTICAL-DETAIL DETAIL VERTICAL	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
ST-07	ARO FIXO FIXED FRAME DORMANT	L-6	H-3	1+2	
ST-11	ARO MÓVEL MOBILE FR. OUVRANT	L-84	H-50	2+2	
ST-34	SOLEIRA SILL SEUIL	L-96	-	1	
IT-33	PINGADEIRA Drip JET D'EAU	L-152	-	1	
	BITE GLAZING BEAD PARCLOSE	L-208	H-214	2+2	



ACESSÓRIOS | ACCESSORIES | ACCESSOIRES

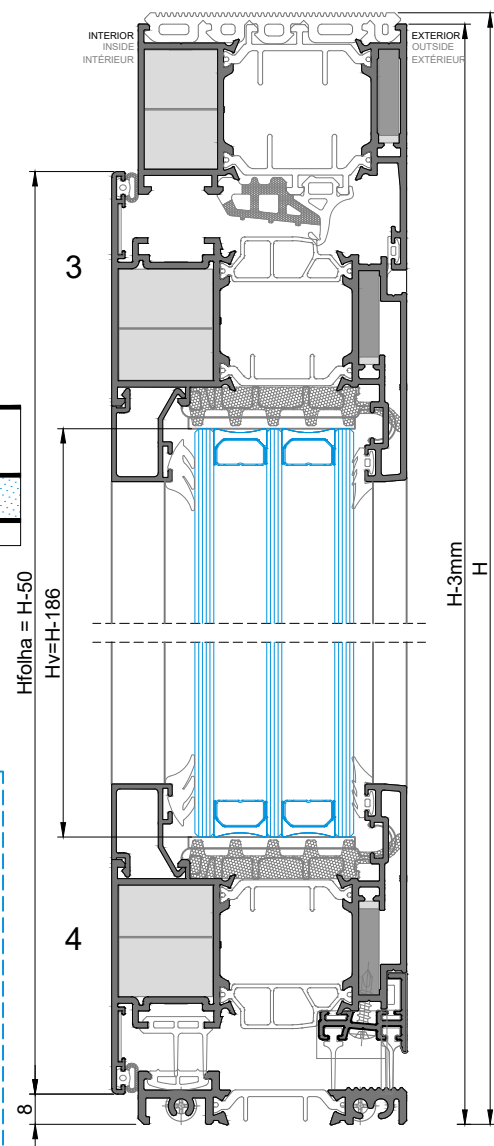
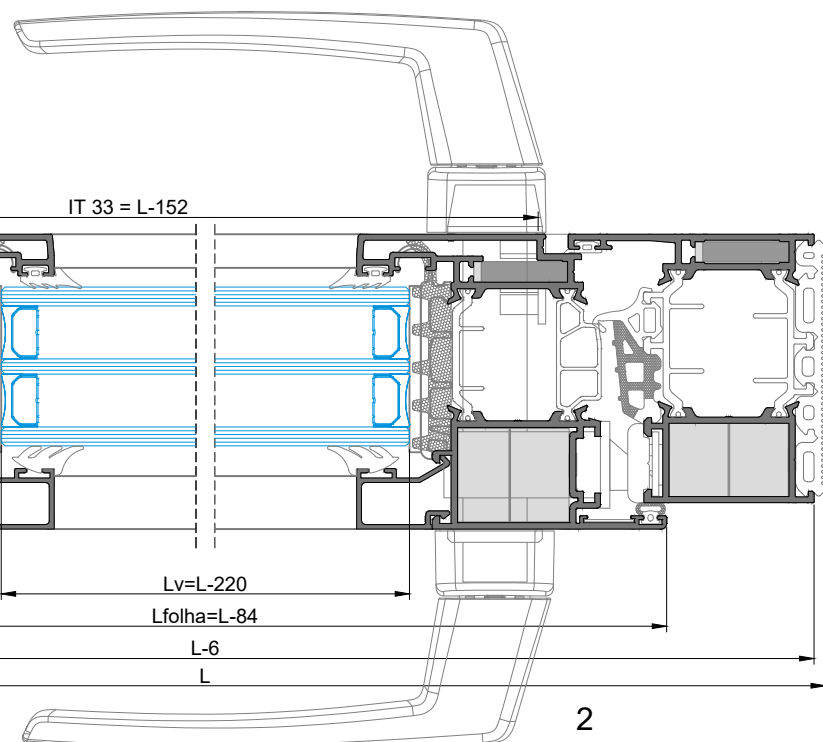
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
213246	CANTO CR S/SB ANGLE COIN	4
204139	ESQUADRO IT/ST Nº3 16-1931-C	2
204143	ESQUADRO IT/ST Nº6 18-2530-140	4
204151	ESQUADRO 18-0525-C (1)	6
204131	ESQUADRO DE ALINHAMENTO COM APERTO	4
202235	DOBRADIÇA PORTA 2L AFINAÇÃO 3D HINGE PAUMELLE	3
201128	FECHADURA 3 PONTOS 7717x30 LOCKER SERRURE	1
230502	SEGREDO 70/30 CYLINDER LOCK CYLINDRE DE SERRURE	1
220190	ESPELHO 874.801 CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
200792	PUXADOR PORTA DUPLO CUBIC HANDLE POIGNÉ	1
227302	QUADRA DESCENTRADA 130mm SQUARE SPINDLES TIGE CARRÉE	1
280220	TESTA FECHADURA PRUMO 2000 STRICKING PLATE GÂCHE	1
280230	TESTA FECHADURA STAND 2001 STRICKING PLATE GÂCHE	2
212387	CONJ. TOPOS IT 33 END-CAP KIT KIT D'EMBOUTE	1
218126	CALÇOS P/VIDRO S/ST NYLON GLAZING SHIMS CALES POUR VERRE	1m
218109	CALÇOS P/VIDRO 79x40x3 GLAZING SHIMS CALES POUR VERRE	Diversos Various Divers
ALTERNATIVA ALTERNATIVE ALTERNATIVE		
213309	CANTO CR 0182+PINOS GR. BLOCKING BRACKET ÉQUERRE	(1)

MEDIDAS VIDROS (COM VD 2089) GLAZING MEASURES (WITH VD 2089) DIMENSIONS DES VERRES (AVEC VD 2089)	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
L-220	H-186



VEDANTES | SEALENTS | JOINTS

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208185	VD 2089	L+2H
208008	VD 2051 (1)	2L+2H
208184	VD 2412 (Opcional Optional Optionnel)	L+2H
208183	VD 2267	L+2H
208350	VD 2003	2L+2H
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	2L+2H
213015	CANTO VULCANIZADO 2267.1 CORNER JOINT JOINT VULCANISÉ	2
208292	VR 3105	2L
208345	VR 2115	L
208344	VD 2114	L
208182	VD 2090 (Opcional Optional Optionnel)	2L+2H
ALTERNATIVA ALTERNATIVE ALTERNATIVE		
208143	VD 2071 (1)	

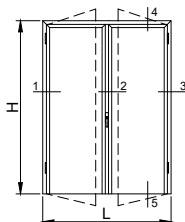


PORTA DE 2 FOLHAS - ABERTURA PARA INTERIOR - COM PERFIL IT 33

2 LEAVES DOOR - INWARD OPENING - WITH IT 33

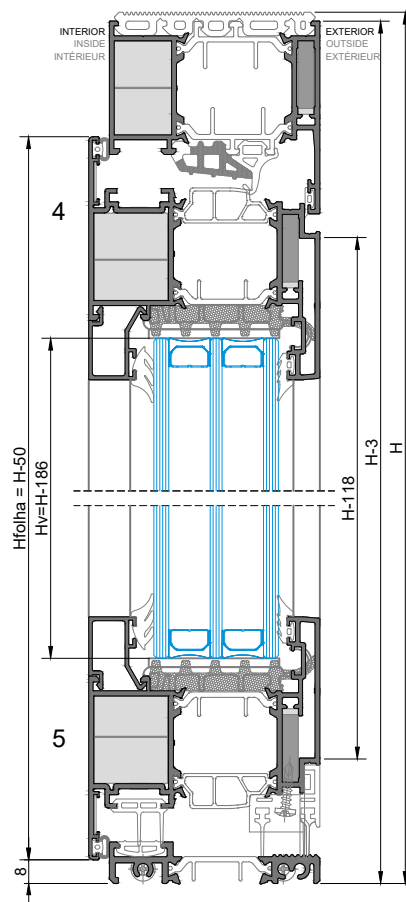
PORTE À 2 VANTAUX - OUVERTURE VERS L'INTÉRIEUR - AVEC PROFILÉ IT 33

MEDIDAS VIDROS (COM VD 2089) GLAZING MEASURES (WITH VD 2089) DIMENSIONS DES VERRES (AVEC VD 2089)	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
(L-362)/2	H-186

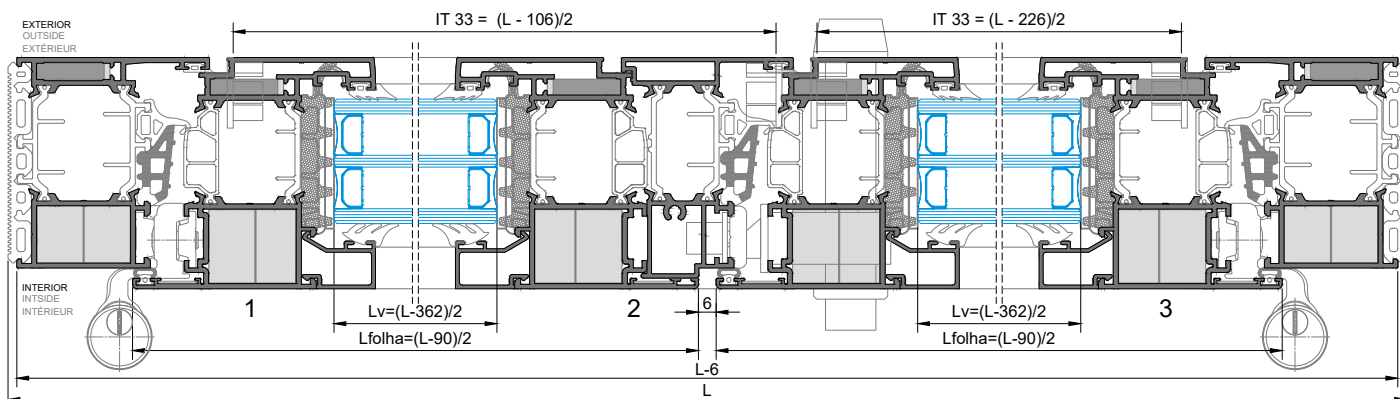


PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL DETAIL	CORTE VERT. VERTICAL DETAIL	QUANT. QUANTITY	CORTE CUT
ST-07	ARO FIXO FIXED FRAME DORMANT	L-6	H-3	1+2	
ST-11	ARO MÓVEL MOVING FRAME OUVRIANT	(L-90)/2	H-50	4+4	
ST-06	INVERSOR INVERTER MENEAU CENTRAL	-	H-118	1	
ST-34	SOLEIRA SILL SEUIL	L-96	-	1	
IT-33	PINGADEIRA DRIP JET D'EAU	(L-226)/2 (L-106)/2	-	1	
-	BITE GLAZING BEAD PARCLOSE	(L-339)/2	H-214	4+4	

ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE
213246	CANTO CR S/SB ANGLE COIN	8
204139	ESQUADRO IT/ST Nº3 16-1931-C	2
204143	ESQUADRO IT/ST Nº6 18-2530-140	8
204151	ESQUADRO 18-0525-C	(1) 10
204131	ESQUADRO DE ALINHAMENTO COM APERTO	8
202235	DOBRADIÇA PORTA 2L AFINAÇÃO 3D	6
201128	FECHADURA 3 PONTOS 7717x30 LOCKER SERRURE	1
230502	SEGREDO 70/30	1
220190	ESPELHO 874.801 CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
200792	PUXADOR PORTA DUPLO CUBIC HANDLE POIGNÉ	1
227302	QUADRA DESCENTRADA 130mm	1
280220	TESTA FECHADURA PRUMO 2000	1
280230	TESTA FECHADURA STAND 2001	1
212387	CONJ. TOPOS IT 33 END-CAP KIT KIT D'EMBOUTE	1
212388	CONJ. TOPOS IT 33 2ºF INVERSOR	1
218126	CALÇOS P/VIDRO S/ST NYLON	2m
218109	CALÇOS P/VIDRO 79x40x3	Diversos Various Divers
212069	CONJUNTO TOPO INVERSOR ST	1
225155	PASSADOR REVERSÍVEL 1550	2
211103	PONTO FECHO PAVIMENTO 1409/8	1
202077	CONTRA FECHO 1404	1
ALTERNATIVA ALTERNATIVE ALTERNATIVE		
213309	CANTO CR 0182+PINOS GR.	(1)



VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE
208185	VD 2089	L+2H
208008	VD 2051 (1)	2L+3H
208184	VD 2412 (Opcional Optional Optionnel)	L+3H
208183	VD 2267	L+3H
208350	VD 2003	2L+4H
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	2L+4H
213015	CANTO VULCANIZADO 2267.1 CORNER JOINT JOINT VULCANISE	2
208292	VR 3105	2L
208345	VR 2115	L
208344	VD 2114	L
208182	VD 2090	2L+4H
ALTERNATIVA ALTERNATIVE ALTERNATIVE		
(1) 208143	VD 2071	

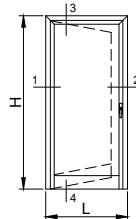


PORTA DE 1 FOLHA - ABERTURA PARA INTERIOR - COM PERFIL ST 14

1 LEAF DOOR - INWARD OPENING - WITH ST 14 PROFILE

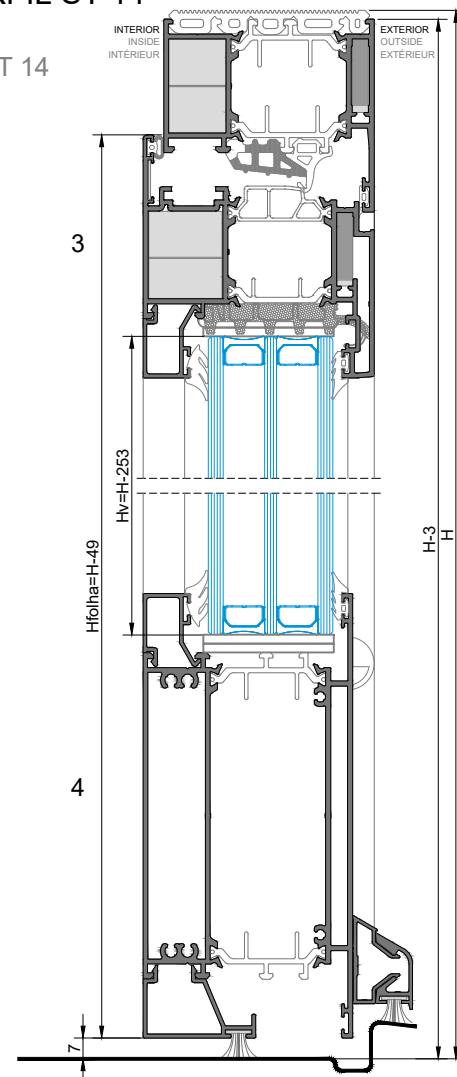
PORTE À 1 VANTAL - OUVERTURE VERS L'INTÉRIEUR - AVEC PROFILÉ ST 14

PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL DETAIL DETAIL HORIZONTAL	CORTE VERT. VERTICAL DETAIL DETAIL VERTICAL	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
ST-07	ARO FIXO FIXED FRAME DORMANT	L-6	H-3	1+2	
ST-11	ARO MÓVEL MOBILE FR. LOUVRANT	L-84	H-49	1+2	
ST-14	TRAVESSA TRANSOM TRAVERSE	L-198	-	1	
SA-31	SUPORTE PINGADEIRA DRIP BRACKET SUP. JET D'EAU	L-245	-	1	
SA-32	PINGADEIRA DRIP JET D'EAU	L-152	-	1	
-	BITE GLAZING BEAD PARCLOSE	L-208	H-281	2+2	
AT-59	REMATE INFERIOR INF. PROFILE PROFILÉ INFÉRIEUR	L-198	-	1	

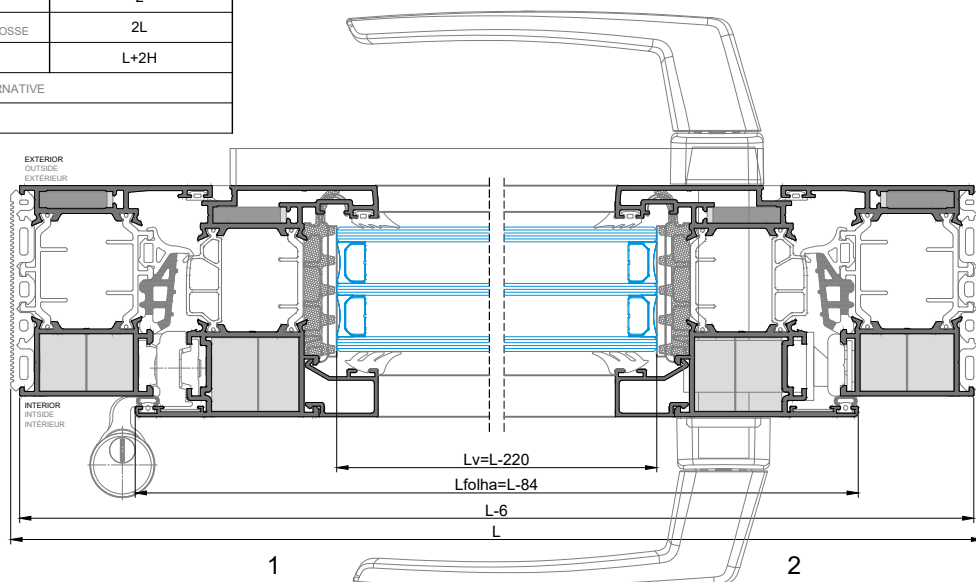


ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE
213246	CANTO CR S/SB ANGLE COIN	2
204139	ESQUADRO IT/ST Nº3 16-1931-C	2
204143	ESQUADRO IT/ST Nº6 18-2530-140	2
204151	ESQUADRO 18-0525-C	(1) 4
204131	ESQUADRO DE ALINHAMENTO COM APERTO	2
202235	DOBRADIÇA PORTA 2L AFINAÇÃO 3D	3
201128	FECHADURA 3 PONTOS 7717x30 LOCKER SERRURE	1
230502	SEGREDO 70/30	1
220190	ESPELHO 874.801 CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
200792	PUXADOR PORTA DUPLO CUBIC HANDLE POIGNÉ	1
227302	QUADRA DESCENTRADA 130mm	1
280220	TESTA FECHADURA PRUMO 2000	1
280230	TESTA FECHADURA STAND 2001	2
212346	CONJ. TAPA-TOPO SA32 END-CAP KIT KIT D'EMBOUTE	1
218126	CALÇOS P/VIDRO S/ST NYLON	2m
218109	CALÇOS P/VIDRO 79x40x3	Diversos Various Divers
210154	GOTEIRA 1875	2
ALTERNATIVA ALTERNATIVE ALTERNATIVE:		
213309	CANTO CR 0182+PINOS GR.	(1)

VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE
208185	VD 2089	L+2H
208008	VD 2051 (1)	L+2H
208184	VD 2412 (Opcional Optional Optionnel)	L+2H
208183	VD 2267	L+2H
208350	VD 2003	2L+2H
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	2L+2H
213015	CANTO VULCANIZADO 2267.1 CORNER JOINT JOINT VULCANISÉ	2
208464	PELÚCIA 8.5x12 STOP-FIN PLUSH JOINT BROUSSE	2L
208182	VD 2090	L+2H
ALTERNATIVA ALTERNATIVE ALTERNATIVE		
(1) 208143	VD 2071	



MEDIDAS VIDROS (COM VD 2089) GLAZING MEASURES (WITH VD 2089) DIMENSIONS DES VERRES (AVEC VD 2089)	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
L-220	H-253

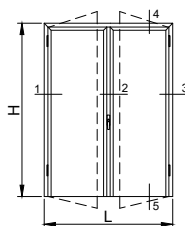


PORTA DE 2 FOLHAS - ABERTURA PARA INTERIOR - COM PERFIL ST 14

2 LEAVES DOOR - INWARD OPENING - WITH ST 14 PROFILE

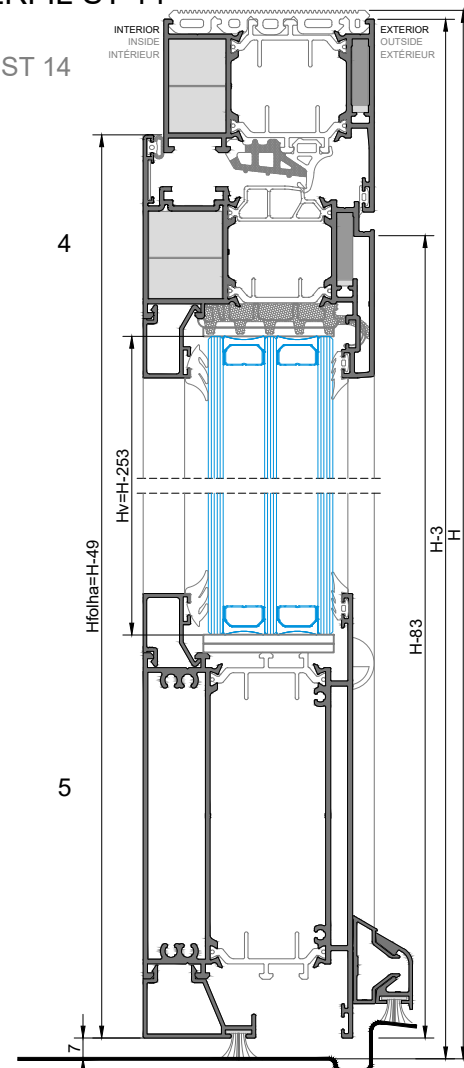
PORTE À 2 VANTAUX - OUVERTURE VERS L'INTÉRIEUR - AVEC PROFILÉ ST 14

MEDIDAS VIDROS (COM VD 2089) GLAZING MEASURES (WITH VD 2089) DIMENSIONS DES VERRÉS (AVEC VD 2089)	
Lvidro(mm) GLASS VÈRE	Hvidro(mm) GLASS VÈRE
(L-362)/2	H-253

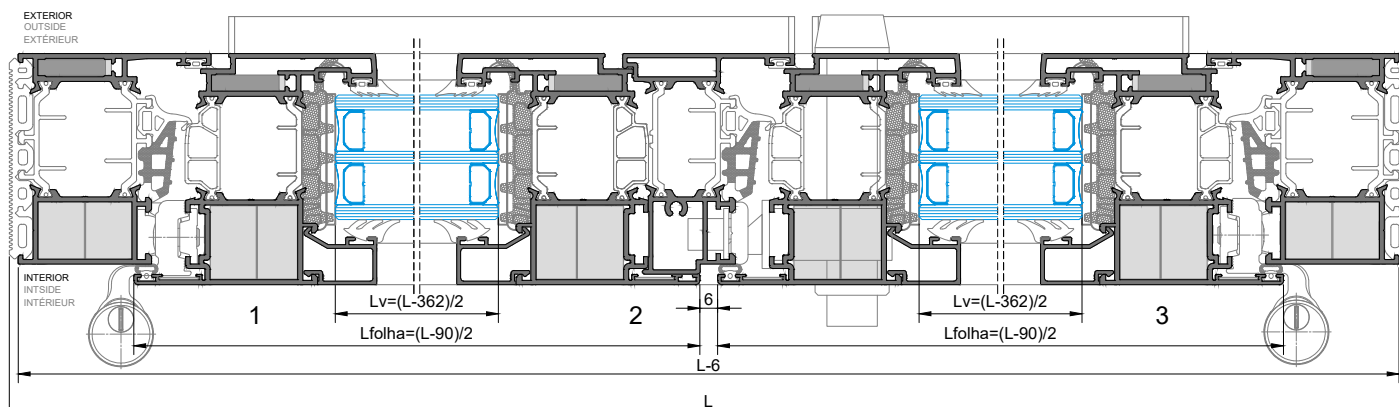


PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL DETAIL	CORTE VERT. VERTICAL DETAIL	QUANT. QUANTITY	CORTE CUT
ST-07	ARO FIXO FIXED FRAME DORMANT	L-6	H-3	1+2	
ST-11	ARO MÓVEL MOBILE FR. OUVRANT	(L-90)/2	H-49	2+4	
ST-06	INVERSOR INVERTER MÈNEAU CENTRAL	-	H-83	1	
ST-14	TRAVESSA TRANSOM TRAVERSE	(L-318)/2	-	2	
SA-31	SUPOORTE PINGADEIRA DRIP BRACKET SUP. JET D'EAU	(L-292)/2	-	2	
SA-32	PINGADEIRA DRIP JET D'EAU	[(L-226)/2]+64 (L-226)/2	-	1	
-	BITE GLAZING BEAD PARCLOSE	(L-339)/2	H-281	4+4	
AT-59	REMATE INFERIOR INF. PROFILE PROFILÉ INFÉRIEUR	(L-318)/2	-	2	

ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	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
204151	ESQUADRO 18-0525-C BLOCKING BRACKET ÉQUERRE	(1) 4
204131	ESQUADRO DE ALINHAMENTO COM APERTO BLOCKING BRACKET ÉQUERRE	4
202235	DOBRADIÇA PORTA 2L AFINAÇÃO 3D HINGE PALMELLE	6
201128	FECHADURA 3 PONTOS 7717x30 LOCKER SERRURE	1
230502	SEGREDO 70/30 CYLINDER LOCK CYLINDRE DE SERRURE	1
220190	ESPELHO 874.801 CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
200792	PUXADOR PORTA DUPLO CUBIC HANDLE POIGNÉ	1
227302	QUADRA DESCENTRADA 130mm SQUARE SPINDLES TIGE CARBEE	1
280220	TESTA FECHADURA PRUMO 2000 SPRINGING PLATE GÂTCHÉ	1
280230	TESTA FECHADURA STAND 2001 STRICKING PLATE GÂTCHÉ	2
212346	CONJ. TAPA-TOPO SA32 END-CAP KIT KIT D'EMBOUTE	2
218126	CALÇOS P/VIDRO S/ST NYLON GLAZING SHIMS CALES POUR VÈRE	2m
218109	CALÇOS P/VIDRO 79x40x3 GLAZING SHIMS CALES POUR VÈRE	Diversos Various Divers
212069	CONJUNTO TOPO INVERSOR ST END-CAP KIT KIT D'EMBOUT	1
221154	HASTE FECHO 1550.801 EXTENSION ROD HAMPE D'EXTENSION	1
225155	PASSADOR REVERSIVEL 1550 W/ LEAF LOCKER FERMETURE POUR 2 ^{ème} VANTAIL	2
211103	PONTO FECHO PAVIMENTO 1409/8 FLOOR WEEPER POINT DE CLOTURE	1
202077	CONTRA FECHO 1404 COUNTER-LOCK CONTRE-FERMETURE	1
210154	GOTEIRA 1875 DRIP GOUTTIÈRE	4
ALTERNATIVA ALTERNATIVE ALTERNATIVE:		
213309	CANTO CR 0182+PINOS GR. BLOCKING BRACKET ÉQUERRE	(1)



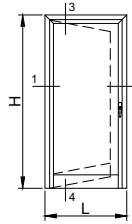
VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208185	VD 2089	L+2H
208008	VD 2051 (1)	L+3H
208184	VD 2412 (Opcional Optional Optionnel)	L+3H
208183	VD 2267	L+3H
208350	VD 2003	2L+4H
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	2L+4H
213015	CANTO VULCANIZADO 2267.1 CORNER JOINT JOINT VULCANISÉ	2
208464	PELÚCIA 8.5x12 STOP-FIN PLUSH JOINT BROUSSE	2L
208182	VD 2090	L+4H
ALTERNATIVA ALTERNATIVE ALTERNATIVE:		
(1) 208143	VD 2071	



PORTA DE 1 FOLHA - ABERTURA PARA EXTERIOR - COM PERFIL IT 33

1 LEAF DOOR - OUTWARD OPENING - WITH IT 33 PROFILE

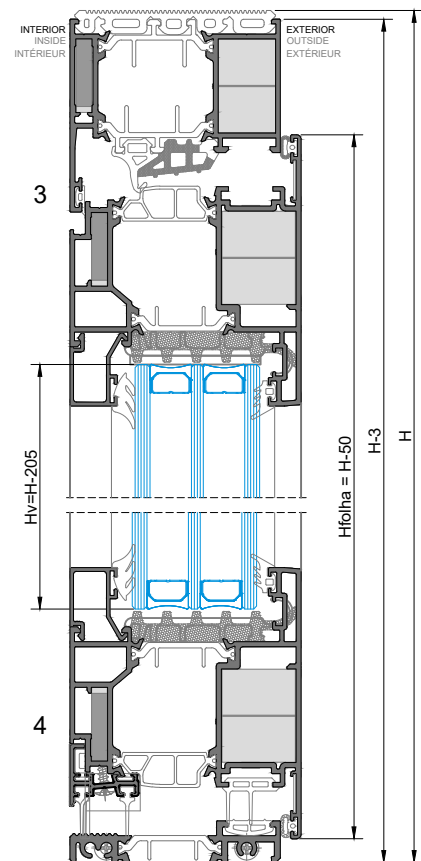
PORTE À 1 VANTAIL - OUVERTURE VERS L'EXTÉRIEUR - AVEC PROFILÉ IT 33



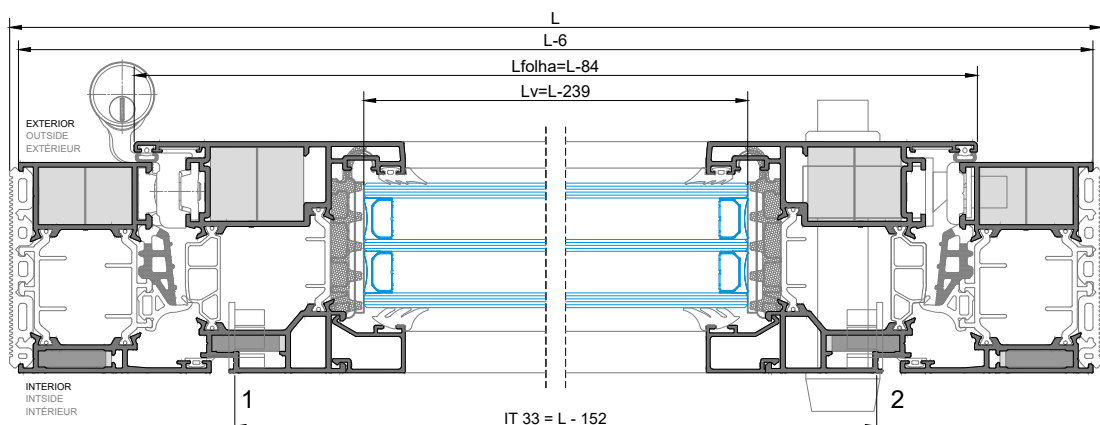
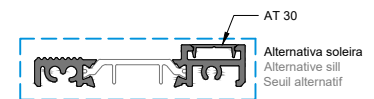
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERT. VERTICAL DETAIL DÉTAIL VERTICALE	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
ST-07	ARO FIXO FIXED FRAME DORMANT	L-6	H-3	1+2	
ST-12	ARO MÓVEL MOVABLE FRAME LOUVRANT	L-84	H-50	2+2	
ST-34	SOLEIRA SILL SEUIL	L-96	-	1	
IT-33	PINGADEIRA DRIP JET D'EAU	L-152	-	1	
-	BITE GLAZING BEAD PARCLOSE	L-227	H-233	2+2	

MEDIDAS VIDROS (COM VD 2089) GLAZING MEASURES (WITH VD 2089) DIMENSIONS DES VERRES (AVEC VD 2089)	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
L-239	H-205

ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
213246	CANTO CR S/SB ANGLE COIN	4
204139	ESQUADRO IT/ST Nº3 16-1931-C BLOCKING BRACKET ÉQUERRE	2
204730	ESQUADRO AT E GRANDE BLOCKING BRACKET ÉQUERRE	2
204151	ESQUADRO 18-0525-C BLOCKING BRACKET ÉQUERRE	4
204131	ESQUADRO DE ALINHAMENTO COM APERTO BLOCKING BRACKET ÉQUERRE	4
202235	DOBRADIÇA PORTA 2L AFINAÇÃO 3D HINGE PALMIÈLLE	3
201128	FECHADURA 3 PONTOS 7717x30 LOCKER SERRURE	1
230502	SEGREDO 70/30 CYLINDER LOCK CYLINDRE DE SERRURE	1
220190	ESPELHO 874.801 CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
200792	PUXADOR PORTA DUPLO CUBIC HANDLE POIGNÉ	1
227302	QUADRA DESCENTRADA 130mm SQUARE SPINDLES TIGE CARRÉE	1
280220	TESTA FECHADURA PRUMO 2000 STRICKING PLATE GÂCHE	1
280230	TESTA FECHADURA STAND 2001 STRICKING PLATE GÂCHE	2
212387	CONJ. TOPOS IT 33 END-CAP KIT KIT D'EMBOUTE	1
218126	CALÇOS P/VIDRO S/ST NYLON GLAZING SHIMS CALES POUR VERRE	1m
218109	CALÇOS P/VIDRO 79x40x3 GLAZING SHIMS CALES POUR VERRE	Diversos Various Divers
212069	CONJUNTO TOPO INVERSOR ST END-CAP KIT KIT D'EMBOUT	1



VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208185	VD 2089	L+2H
208008	VD 2051 (1)	L+2H
208184	VD 2412 (Opcional Optional Optionnel)	L+2H
208183	VD 2267	L+2H
208350	VD 2003	2L+2H
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	2L+2H
213015	CANTO VULCANIZADO 2267.1 CORNER JOINT JOINT VULCANISÉ	2
208292	VR 3105	2L
208345	VR 2115	L
208344	VD 2114	L
208182	VD 2090	L+2H
ALTERNATIVA ALTERNATIVE ALTERNATIVE		
(1) 208143	VD 2071	

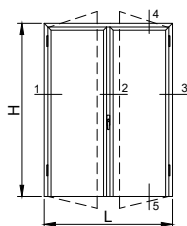


PORTA DE 2 FOLHAS - ABERTURA PARA EXTERIOR - COM PERFIL IT 33

2 LEAVES DOOR - OUTWARD OPENING - WITH IT 33 PROFILE

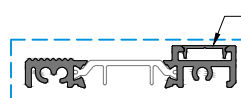
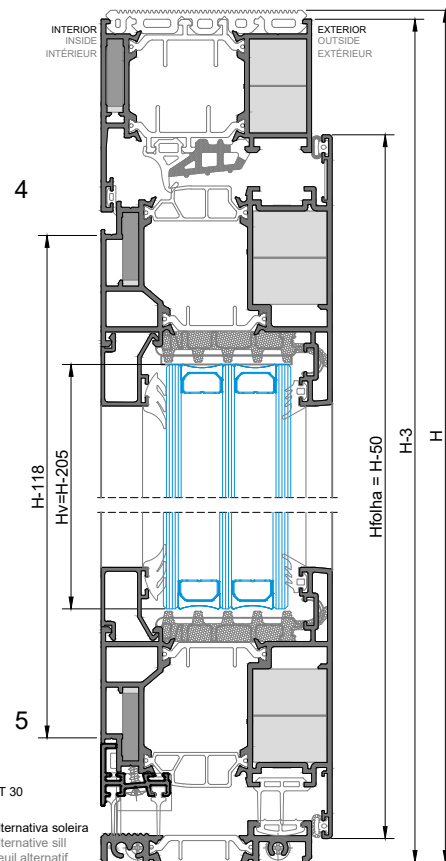
PORTE À 2 VANTAUX - OUVERTURE VERS L'EXTÉRIEUR - AVEC PROFILÉ IT 33

MEDIDAS VIDROS (COM VD 2089) GLAZING MEASURES (WITH VD 2089) DIMENSIONS DES VERRRES (AVEC VD 2089)	
Lvidro(mm) GLASS VÉRRE	Hvidro(mm) GLASS VÉRRE
(L-400)/2	H-205

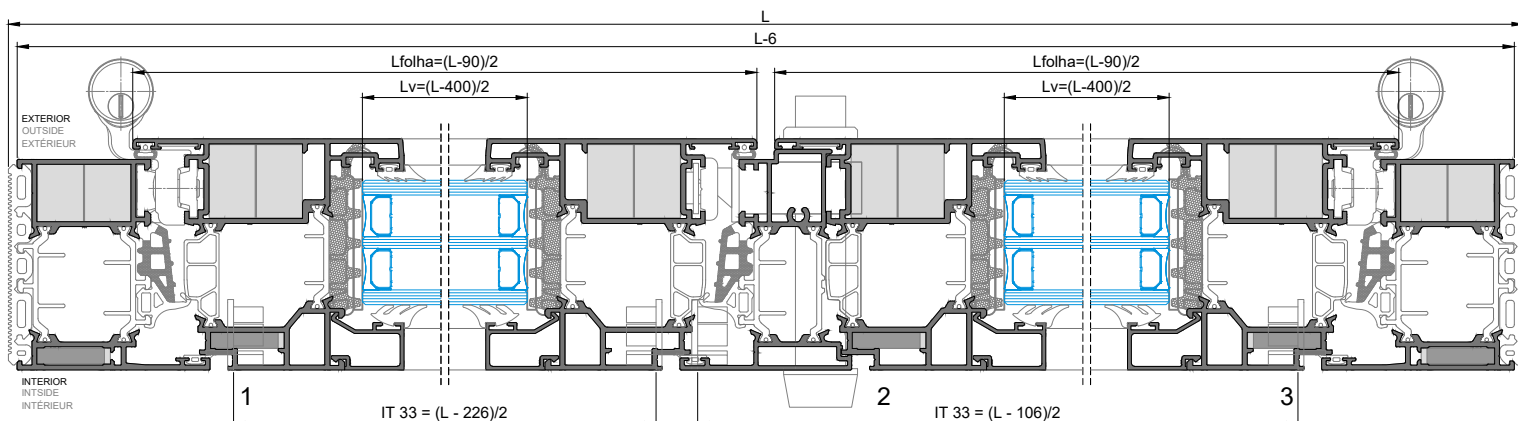


PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERT. VERTICAL DETAIL DÉTAIL VERTICAL	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
ST-07	ARO FIXO FIXED FRAME DORMANT	L-6	H-3	1+2	
ST-12	ARO MÓVEL MOVING FRAME COURANT	(L-90)/2	H-50	2+2	
ST-06	INVERSOR INVERTER MENEAU CENTRAL	-	H-118	1	
ST-34	SOLEIRA SILL SEUIL	L-96	-	1	
IT-33	PINGADEIRA DRIP JET D'EAU	(L-226)/2 (L-106)/2	-	1	
-	BITE GLAZING BEAD PARCLOSE	(L-376)/2	H-233	2+2	

ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
213246	CANTO CR S/SB ANGLE COIN	2
204139	ESQUADRO IT/ST N°3 16-1931-C BLOCKING BRACKET ÉQUERRE	2
204730	ESQUADRO AT E. GRANDE BLOCKING BRACKET ÉQUERRE	2
204151	ESQUADRO 18-0525-C BLOCKING BRACKET ÉQUERRE	4
204131	ESQUADRO DE ALINHAMENTO COM APERTO BLOCKING BRACKET ÉQUERRE	4
202235	DOBRADIÇA PORTA 2L AFINAÇÃO 3D HINGE PALMIÈRE	3
201128	FECHADURA 3 PONTOS 7717x30 LOCKER SERRURE	1
230502	SEGREDO 70/30 CYLINDER LOCK CYLINDRE DE SERRURE	1
220190	ESPELHO 874.801 CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
200792	PUXADOR PORTA DUPLO CUBIC HANDLE POIGNÉ	1
227302	QUADRA DESCENTRADA 130mm SQUARE SPINDLES TIGE CARBÉE	1
280220	TESTA FECHADURA PRUMO 2000 STRICKING PLATE GÂCHE	1
280230	TESTA FECHADURA STAND 2001 STRICKING PLATE GÂCHE	2
212387	CONJ. TOPOS IT 33 END-CAP KIT KIT D'EMBOUTE	1
212388	CONJ. TOPOS IT 33 2ºF INVERSOR 2nd LEAF END-CAP KIT KIT D'EMBOUTE 2ème VANTAIL	1
218126	CALÇOS P/VIDRO S/ST NYLON GLAZING SHIMS CALES POUR VÉRRE	1m
218109	CALÇOS P/VIDRO 79x40x3 GLAZING SHIMS CALES POUR VÉRRE	Diversos Various Divers
212069	CONJUNTO TOPO INVERSOR ST END-CAP KIT KIT D'EMBOUTE	1
225155	PASSADOR REVERSÍVEL 1560 2nd LEAF LOCKER FERMETURE POUR 2ème VANTAIL	2
211103	PONTO FECHO PAVIMENTO 1409/8 FLOOR KEEPER POINT DE CLÔTURE	1
202077	CONTRA FECHO 1404 COUNTER-LOCK CONTRE-FERMETURE	1



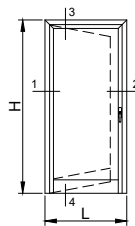
VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208185	VD 2089	L+2H
208008	VD 2051 (1)	L+2H
208184	VD 2412 (Opcional Optional Optionnel)	L+2H
208183	VD 2267	L+2H
208350	VD 2003	2L+4H
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	2L+4H
213015	CANTO VULCANIZADO 2267.1 CORNER JOINT JOINT VULCANISE	2
208292	VR 3105	2L
208345	VR 2115	L
208344	VD 2114	L
208182	VD 2090	L+2H
ALTERNATIVA ALTERNATIVE ALTERNATIVE		
(1) 208143	VD 2071	



PORTA DE 1 FOLHA - ABERTURA PARA EXTERIOR - COM PERFIL ST 14

1 LEAF DOOR - OUTWARD OPENING - WITH ST 14 PROFILE

PORTE À 1 VANTAIL - OUVERTURE VERS L'EXTÉRIEUR - AVEC PROFILÉ ST 14

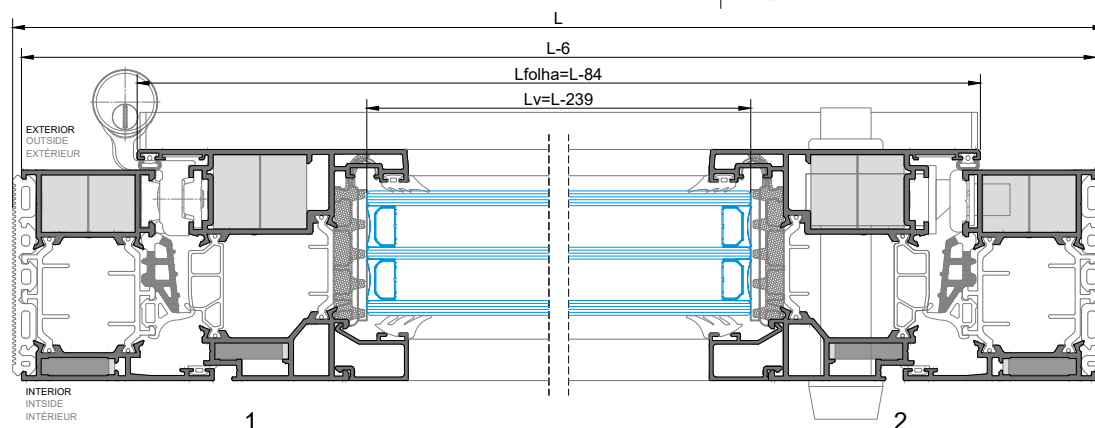
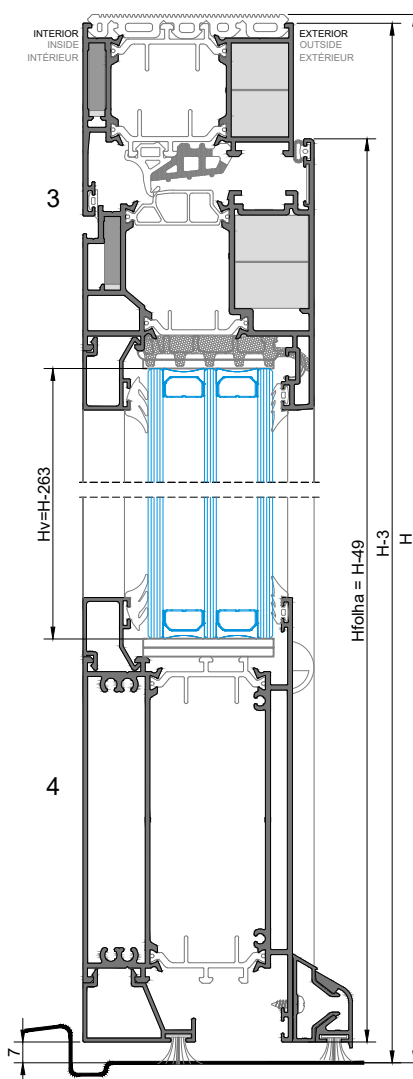


PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL-DETAIL DÉTAIL HORIZONTAL	CORTE VERT. VERTICAL-DETAIL DÉTAIL VERTICAL	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
ST-07	ARO FIXO FIXED FRAME DORMANT	L-6	H-3	1+2	
ST-12	ARO MÓVEL MOVIE FR. LOUVRANT	L-84	H-49	1+2	
ST-14	TRAVESSA TRANSOM TRAVERSE	L-217	-	1	
SA-31	SUPORTE PINGADEIRA DRIP BRACKET SUP. JET D'EAU	L-264	-	1	
SA-32	PINGADEIRA DRIP JET D'EAU	L-86	-	1	
-	BITE GLAZING BEAD PARCLOSE	L-227	H-291	2+2	
AT-59	REMATE INFERIOR INF. PROFILE PROFILÉ INFÉRIEUR	L-217	-	1	

MEDIDAS VIDROS (COM VD 2089) GLAZING MEASURES (WITH VD 2089) DIMENSIONS DES VERRES (AVEC VD 2089)	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
L-239	H-263

ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
213246	CANTO CR S/SB ANGLE COIN	2
204139	ESQUADRO IT/ST N°3 16-1931-C BLOCKING BRACKET ÉQUERRE	2
204730	ESQUADRO AT E. GRANDE BLOCKING BRACKET ÉQUERRE	2
204151	ESQUADRO 18-0525-C BLOCKING BRACKET ÉQUERRE	4
204131	ESQUADRO DE ALINHAMENTO COM APERTO BLOCKING BRACKET ÉQUERRE	2
202235	DOBRADIÇA PORTA 2L AFINAÇÃO 3D HINGE PALIÈRE J.F.	3
201128	FECHADURA 3 PONTOS 7717x30 LOCKER SERRURE	1
230502	SEGREDO 70/30 CYLINDER LOCK CYLINDRE DE SERRURE	1
220190	ESPELHO 874.801 CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
200792	PUXADOR PORTA DUPLO CUBIC HANDLE POIGNE	1
227302	QUADRA DESCENTRADA 130mm SQUARE SPINDLES TIGE CARRÉE	1
280220	TESTA FECHADURA PRUMO 2000 STRICKING PLATE GÂCHE	1
280230	TESTA FECHADURA STAND 2001 STRICKING PLATE GÂCHE	2
212346	CONJ. TAPA-TOPO SA32 END-CAP KIT KIT D'EMBOUTE	1
218126	CALÇOS P/VIDRO S/ST NYLON GLAZING SHIMS CALES POUR VERRE	1m
218109	CALÇOS P/VIDRO 79x40x3 GLAZING SHIMS CALES POUR VERRE	Diversos Various Divers
212069	CONJUNTO TOPO INVERSOR ST END-CAP KIT KIT D'EMBOUT	1
210154	GOTEIRA 1875 DRIP GOUTTIÈRE	2

VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208185	VD 2089	L+2H
208008	VD 2051 (1)	L+2H
208184	VD 2412 (Opcional Optional Optionnel)	L+2H
208183	VD 2267	L+2H
208350	VD 2003	2L+2H
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	2L+2H
213015	CANTO VULCANIZADO 2267.1 CORNER JOINT JOINT VULCANISÉ	2
208464	PELÚCIA 8.5x12 STOP-FIN PLUSH JOINT BROSSE	2L
208182	VD 2090	L+2H
ALTERNATIVA ALTERNATIVE ALTERNATIVE		
(1) 208143	VD 2071	

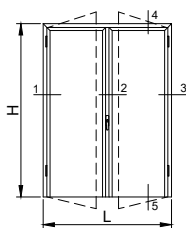


PORTA DE 2 FOLHAS - ABERTURA PARA EXTERIOR - COM PERFIL ST 14

2 LEAVES DOOR - OUTWARD OPENING - WITH ST 14 PROFILE

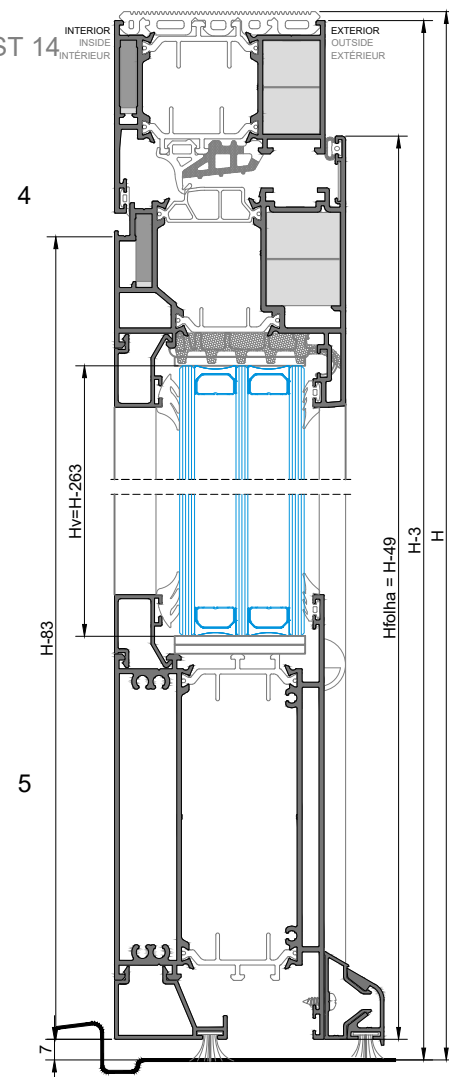
PORTE À 2 VANTAUX - OUVERTURE VERS L'EXTÉRIEUR - AVEC PROFILÉ ST 14

MEDIDAS VIDROS (COM VD 2089) GLAZING MEASURES (WITH VD 2089) DIMENSIONS DES VERRÉS (AVEC VD 2089)	
Lvidro(mm) GLASS VERRRE	Hvidro(mm) GLASS VERRRE
(L-400)/2	H-263

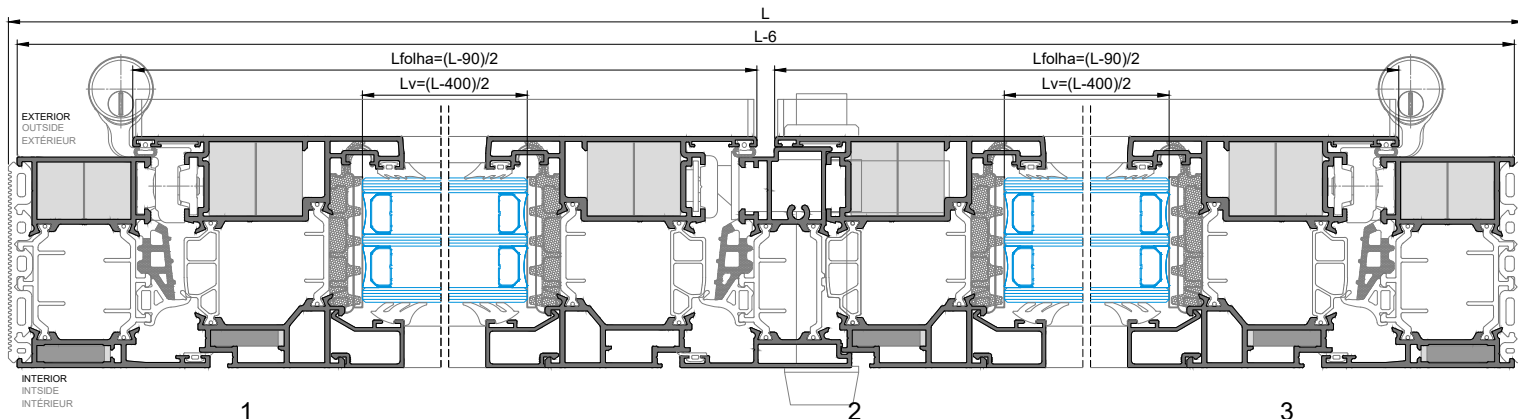


PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL-DETAIL DÉTAIL HORIZONTAL	CORTE VERT. VERTICAL-DETAIL DÉTAIL VERTICALE	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
ST-07	ARO FIXO FIXED FRAME DORMANT	L-6	H-3	1+2	
ST-12	ARO MÓVEL MOBILE FR. LOUVRANT	(L-90)/2	H-49	1+2	
ST-14	TRAVESSA TRANSOM TRAVERSE	(L-356)/2	-	1	
ST-06	INVERSOR INVERTER MENEAU CENTRAL	-	H-83	1	
SA-31	SUPORTE PINGADEIRA DRIP BRACKET SUP. JET D'EAU	(L-168)/2	-	1	
SA-32	PINGADEIRA DRIP JET D'EAU	(L-102)/2	-	1	
-	BITE GLAZING BEAD PARCLOSE	(L-376)/2	H-291	2+2	
AT-59	REIMATE INFERIOR INF. PROFILE PROFILE INFÉRIEUR	(L-356)/2	-	1	

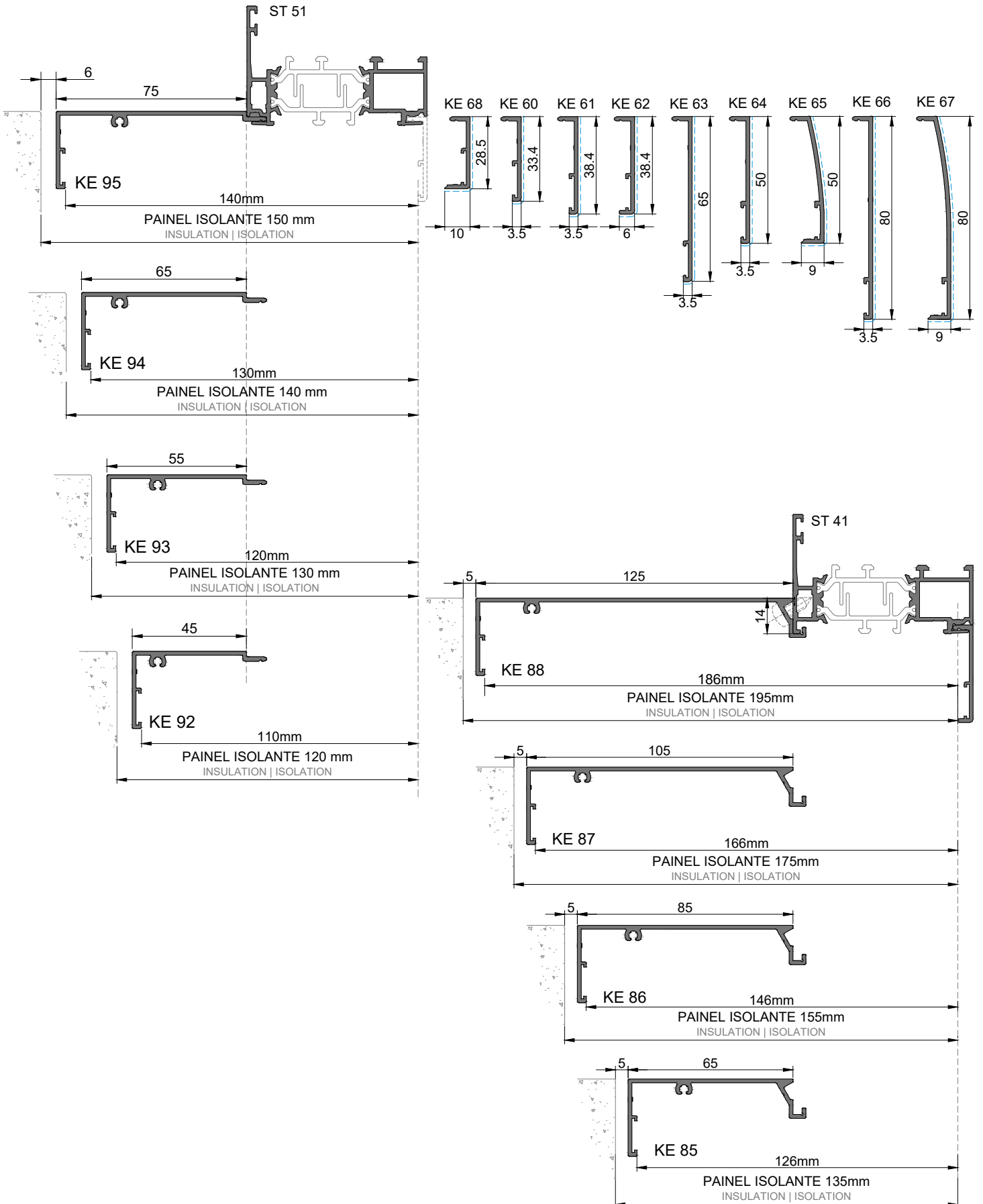
ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
213246	CANTO CR S/SB ANGLE COIN	4
204139	ESQUADRO IT/ST Nº3 16-1931-C BLOCKING BRACKET EQUEURRE	2
204730	ESQUADRO AT E. GRANDE BLOCKING BRACKET EQUEURRE	4
204151	ESQUADRO 18-0525-C BLOCKING BRACKET EQUEURRE	6
204131	ESQUADRO DE ALINHAMENTO COM APERTO BLOCKING BRACKET EQUEURRE	4
202235	DOBRADIÇA PORTA 2L AFINAÇÃO 3D HINGE P/AL/IMP F	6
201128	FECHADURA 3 PONTOS 7717x30 LOCKER SERRURE	1
230502	SEGREDO 70/30 CYLINDER LOCK CYLINDRE DE SERRURE	1
220190	ESPELHO 874.801 CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
200792	PUXADOR PORTA DUPLO CUBIC HANDLE POIGNÉ	1
227302	QUADRA DESCENTRADA 130mm SQUARE SPINDLES TIGE CARRÉE	1
280220	TESTA FECHADURA PRUMO 2000 STRICKING PLATE GÂCHE	1
280230	TESTA FECHADURA STAND 2001 STRICKING PLATE GÂCHE	2
212346	CONJ. TAPA-TOPO SA32 END-CAP KIT KIT D'EMBOUTE	2
218126	CALÇOS P/VIDRO S/ST NYLON GLAZING SHIMS CALES POUR VERRRE	2m
218109	CALÇOS P/VIDRO 79x40x3 GLAZING SHIMS CALES POUR VERRRE	Diversos Various Divers
212069	CONJUNTO TOPO INVERSOR ST END-CAP KIT KIT D'EMBOUT	1
221154	HASTE FECHO 1550.801 EXTENSION ROD HAMPE D'EXTENSION	1
225155	PASSADOR REVERSIVEL 1550 2 ND LEAF LOCKER FERMETURE POUR 2 ^{EME} VANTAUX	2
211103	PONTO FECHO PAVIMENTO 1409/8 FLOOR KEEPER POINT DE CLÔTURE	1
210154	GOTEIRA 1875 DRIP GOUTTIÈRE	4



VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208185	VD 2089	L+2H
208008	VD 2051 (1)	L+3H
208184	VD 2412 (Opcional Optional Optionnel)	L+3H
208183	VD 2267	L+3H
208350	VD 2003	2L+4H
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	2L+4H
213015	CANTO VULCANIZADO 2267.1 CORNER JOINT JOINT VULCANISÉ	2
208464	PELÚCIA 8.5x12 STOP-FIN PLUSH JOINT BROSSÉ	2L
208182	VD 2090	L+4H
ALTERNATIVA ALTERNATIVE ALTERNATIVE		
(1) 208143	VD 2071	



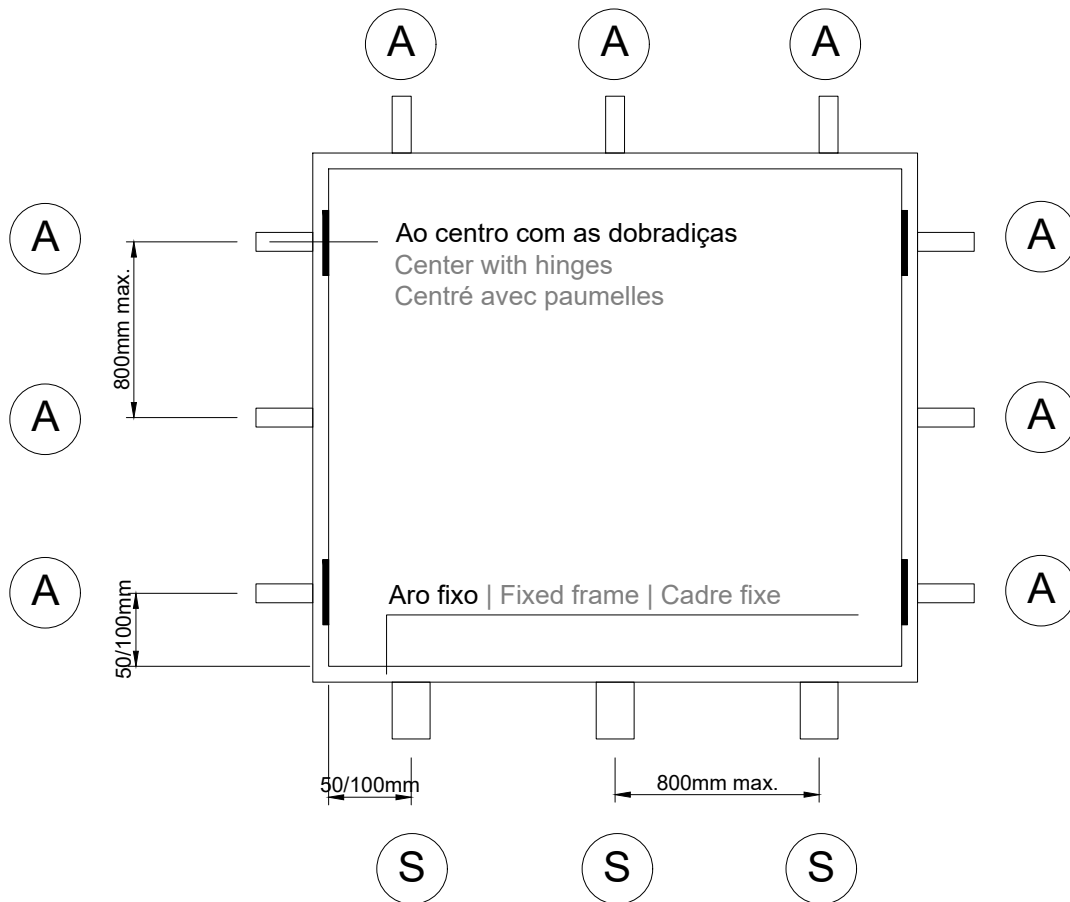
APLICAÇÃO DOS PERFIS DE REMATE
APPLICATION OF TRIM PROFILES
APPLICATION DES TAPÉES



APLICAÇÃO DAS PEÇAS DE FIXAÇÃO

APPLICATION OF FIXING PARTS

APPLICATION DES FIXATIONS



A

ÂNGULO FIXAÇÃO 100mm ou 120mm

FIXING ANGLE 100mm or 120mm

ANGLE DE FIXATION 100mm ou 120mm



S

SUPORTE FIXAÇÃO 100mm ou 120mm

FIXING BRACKET 100mm or 120mm

SUPPORT DE FIXATION 100mm ou 120mm

Peso máximo de vidro permitido = 35Kg/m²

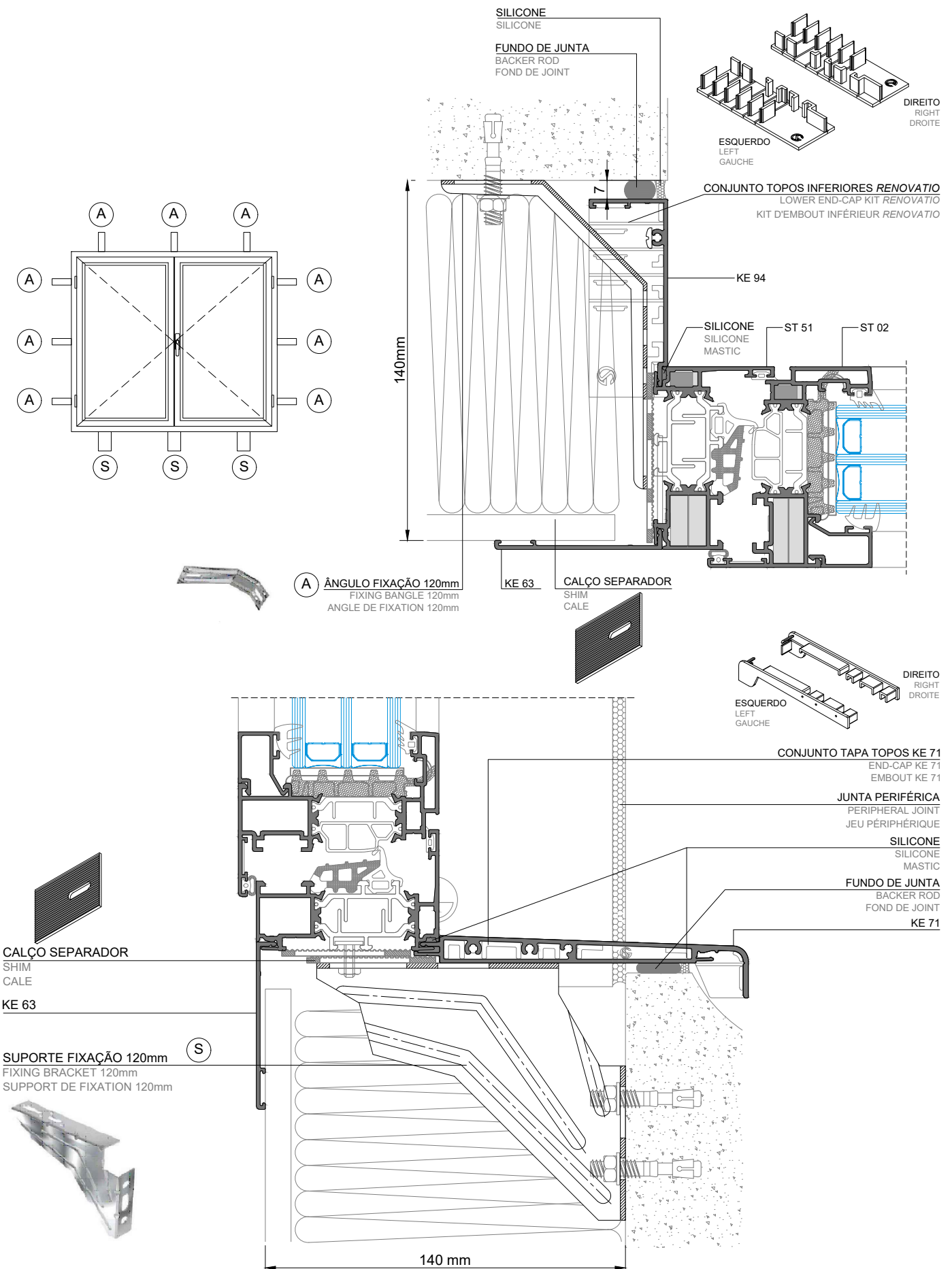
Maximum glass weight allowed: 35Kg/m²

Poids maximale de verre autorisé: 35Kg/m²

APLICAÇÃO DAS PEÇAS DE FIXAÇÃO - PAINEL DE 140mm

APPLICATION OF FIXING PARTS - 140mm PANEL

APPLICATION DES FIXATIONS - PANNEAU DE 140mm



TIPOLOGIAS E MAPAS DE QUANTIDADES - CANAL 16
TYPOLOGIES AND QUANTITY MAPS - CHANNEL 16
TYPES ET CARTES DES QUANTITÉS - CHENAL 16

PORTA DE 1 FOLHA - ABERTURA PARA INTERIOR

1 LEAF DOOR - INWARD OPENING

PORTE À 1 VANTAIL - OUVERTURE VERS L'INTÉRIEUR

PORTA DE 2 FOLHAS - ABERTURA PARA INTERIOR

2 LEAVES DOOR - INWARD OPENING

PORTE À 2 VANTAUX - OUVERTURE VERS L'INTÉRIEUR

PORTA DE 1 FOLHA - ABERTURA PARA INTERIOR

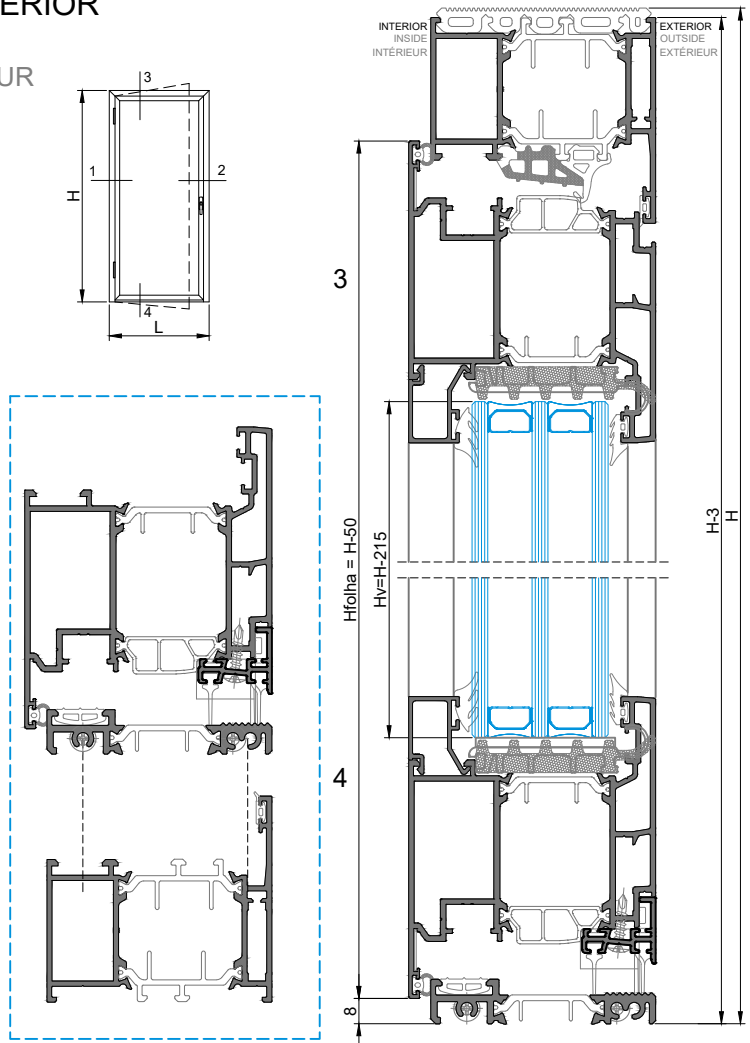
1 LEAF DOOR - INWARD OPENING

PORTE À 1 VANTAIL - OUVERTURE VERS L'INTÉRIEUR

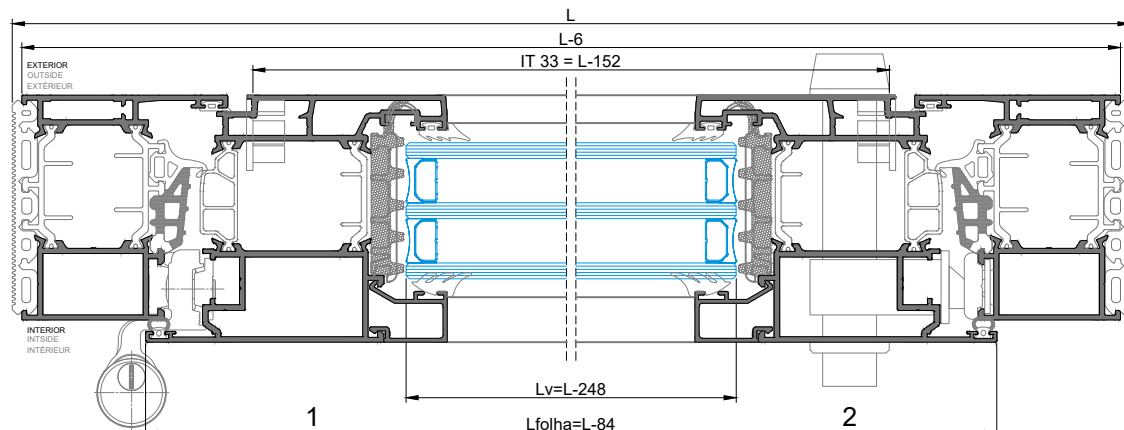
MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
L-248	H-215

PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERT. VERTICAL DETAIL DÉTAIL VERTICALE	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
ST-07	ARO FIXO FIXED FRAME DORMANT	L-6	H-3	1+2	
ST-48	ARO MÓVEL MOVABLE FRAME LOUVRANT	L-84	H-50	2+2	
ST-34	SOLEIRA SILL SEUIL	L-96	-	1	
IT-33	PINGADEIRA DRIP JET D'EAU	L-152	-	1	
-	BITE GLAZING BEAD PARCLOSE	L-236	H-241	2+2	

ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
213246	CANTO CR S/SB ANGLE COIN	4
204151	ESQUADRO IT/ST Nº9 18-0525-C BLOCKING BRACKET ÉQUERRE	(1) 6
204139	ESQUADRO IT/ST Nº3 16-1931-C BLOCKING BRACKET ÉQUERRE	2
204010	ESQUADRO IT/ST Nº15 26-2537-140 BLOCKING BRACKET ÉQUERRE	4
204131	ESQUADRO DE ALINHAMENTO C/ APERTO	4
202212	DOBRADIÇA PORTA C16 COM AFINAÇÃO 3D HINGE PALMELE	3
201128	FECHADURA 7717x30 LOCKER SERRURE	1
230502	SEGREDO SEGURANÇA 70/30 CYLINDER LOCK CYLINDRE DE SERRURE	1
220190	ESPELHO P/SEGREDO 874.801 CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
200792	PUXADOR PORTA DUPLO CUBIC HANDLE POIGNÉ	1
227302	QUADRA DESCENTRADA 130mm SQUARE SPINDLES TIGE CARRÉE	1
280220	TESTA FECHADURA PRUMO 2000 STRICKING PLATE IGACHE	1
280230	TESTA FECHADURA STAND 2001 STRICKING PLATE IGACHE	2
212387	CONJ. TOPOS IT 33 END-CAP KIT KIT D'EMBOUTE	1
218126	CALÇOS P/VIDRO S/ST NYLON GLAZING SHIMS CALES POUR VERRE	4
218109	CALÇOS P/VIDRO 79x40x3 GLAZING SHIMS CALES POUR VERRE	Diversos Various Divers
ALTERNATIVA ALTERNATIVE ALTERNATIVE: (1)		
213309	CANTO CR 0182+PINOS GR. BLOCKING BRACKET ÉQUERRE	

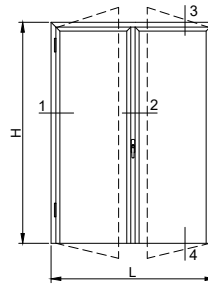


VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208185	VD 2089	L+2H
208008	VD 2051 (1)	2L+2H
208184	VD 2412 (Opcional Optional Optionnel)	L+2H
208183	VD 2267	L+2H
208289	VD 2055	2L+2H
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	2L+2H
213015	CANTO VULCANIZADO 2267.1 CORNER JOINT JOINT VULCANISÉ	2
208292	VR 3105	2L
208344	VD 2114	L
208182	VD 2090	2L+2H
ALTERNATIVA ALTERNATIVE ALTERNATIVE		
(1) 208143	VD 2071	



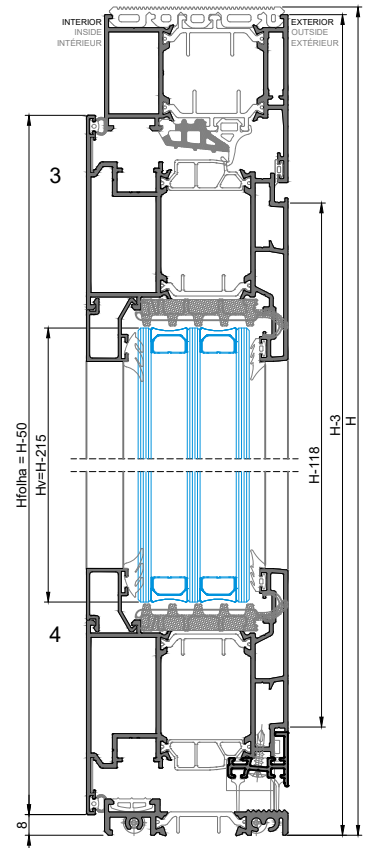
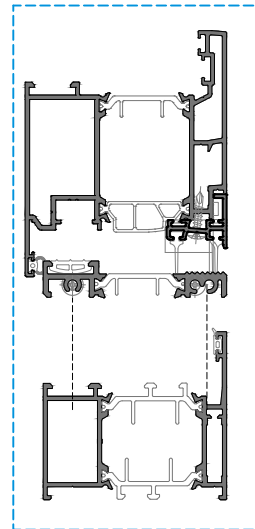
PORTA DE 2 FOLHAS - ABERTURA PARA INTERIOR
2 LEAVES DOOR - INWARD OPENING
PORTE À 2 VANTAUX - OUVERTURE VERS L'INTÉRIEUR

MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
(L-420)/2	H-215

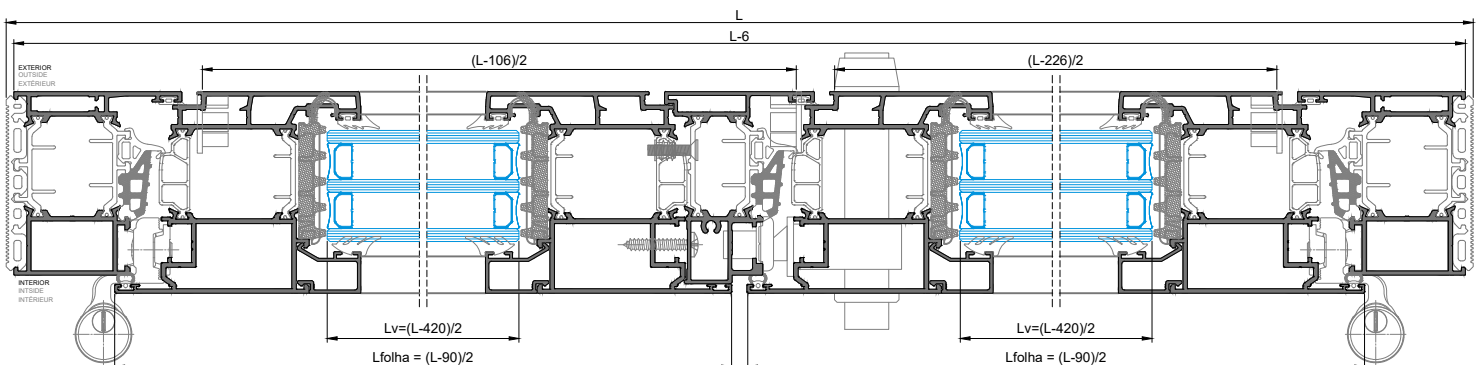


PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL-DETAIL DÉTAIL HORIZONTAL	CORTE VERT. VERTICAL-DETAIL DÉTAIL VERTICALE	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
ST-07	ARO FIXO FIXED FRAME DORMANT	L-6	H-3	1+2	
ST-48	ARO MÓVEL MOBILE FR. OUVVRANT	(L-90)/2	H-50	4+4	
ST-77	INVERSOR INVERTER MENEAU CENTRAL	-	H-118	1	
ST-34	SOLEIRA SILL SEUIL	L-96	-	1	
IT-33	PINGADEIRA DRIP JET D'EAU	(L-226)/2 (L-106)/2	-	1 1	
	BITE GLAZING BEAD PARCLOSE	(L-392)/2	H-241	4+4	

ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
213246	CANTO CR S/SB ANGLE COIN	8
204151	ESQUADRO IT/ST Nº9 18-0525-C	(1) 10
204139	ESQUADRO IT/ST Nº3 16-1931-C	2
204010	ESQUADRO IT/ST Nº15 26-2537-140	8
204131	ESQUADRO DE ALINHAMENTO C/ APERTO	8
202212	DOBRADIÇA PORTA C16 COM AFINAÇÃO 3D	6
201128	FECHADURA 7717x30 LOCKER SERRURE	1
230502	SEGREDO SEGURANÇA 70/30 CYLINDER LOCK CYLINDRE DE SERRURE	1
220190	ESPELHO P/SEGREDO 874.801 CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
200792	PUXADOR PORTA DUPLO CUBIC HANDLE POIGNÉ	1
227302	QUADRA DESCENTRADA 130mm	1
280220	TESTA FECHADURA PRUMO 2000	1
280230	TESTA FECHADURA STAND 2001	2
212387	CONJ. TOPOS IT 33 END-CAP KIT KIT D'EMBOUTE	1
212388	CONJ. TOPOS IT 33 2ºF INVERSOR	1
218126	CALÇOS P/VIDRO S/ST NYLON	1m
218109	CALÇOS P/VIDRO 79x40x3	Diversos Various Divers
212142	CONJUNTO TOPO INVERSOR ST CANAL 16	1
225155	PASSADOR REVERSIVEL 1550	2
221154	HASTE FECHO 1550 801	1
202077	CONTRA-FECHO 1404	1
211103	PONTO FECHO PAVIMENTO 1409/8	1
ALTERNATIVA ALTERNATIVE ALTERNATIVE: (1)		
213309	CANTO CR 0182+PINOS GR.	



VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208185	VD 2089	L+2H
208008	VD 2051 (1)	2L+3H
208184	VD 2412 (Optional Optionnel)	L+3H
208183	VD 2267	L+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 VULCANISE	4
208292	VR 3105	2L
208344	VD 2114	L
208182	VD 2090	2L+4H
ALTERNATIVA ALTERNATIVE ALTERNATIVE		
(1) 208143	VD 2071	



MAQUINAÇÃO DOS PERFIS
PROFILES MACHINING
USINAGE DES PROFILÉS

MAQUINAÇÕES NO CORTANTE IT/ST

MACHINING OPERATIONS ON THE IT/ST PUNCHING TOOL
OPÉRATIONS D'USINAGE POUR POINÇON IT/ST

MAQUINAÇÕES NO CORTANTE IT/ST Nº2

MACHINING OPERATIONS ON THE IT/ST PUNCHING TOOL N.2
OPÉRATIONS D'USINAGE POUR POINÇON IT/ST N.2

MAQUINAÇÃO DOS PERFIS - AROS FIXOS

PROFILES MACHINING - FIXED FRAMES
USINAGE DES PROFILÉS - CADRE DORMANT

MAQUINAÇÃO DOS PERFIS - AROS MÓVEIS ABERTURA INTERIOR

PROFILES MACHINING- MOBILE FRAMES INWARD OPENING
USINAGE DES PROFILÉS - CADRES OUVRANTS OUVERTURE VERS L'INTÉRIEUR

MAQUINAÇÃO DOS PERFIS - AROS MÓVEIS ABERTURA EXTERIOR E TRAVESSAS

PROFILES MACHINING - MOBILE FRAMES OUTWARD OPENING AND TRANSOMS
USINAGE DES PROFILÉS - CADRES OUVRANTS OUVERTURE VERS L'EXTÉRIEUR AT TRAVERSE

MAQUINAÇÃO DOS PERFIS - SOLEIRAS

PROFILES MACHINING - SILLS
USINAGE DES PROFILÉS - SEUILS

MAQUINAÇÃO DOS PERFIS - AROS FIXOS E MÓVEIS

PROFILES MACHINING - FIXED AND MOBILE FRAMES
USINAGE DES PROFILÉS - CADRES DORMANTS ET OUVRANTS

RASGOS PARA DRENAGEM E DESCOMPRESSÃO

HOLES FOR DRAINAGE AND DECOMPRESSION
FENTES POUR DRAINAGE ET DÉCOMPRESSION

PARA DRENAGEM E VENTILAÇÃO

FOR DRAINAGE AND VENTILATION
POUR DRAINAGE ET VENTILATION

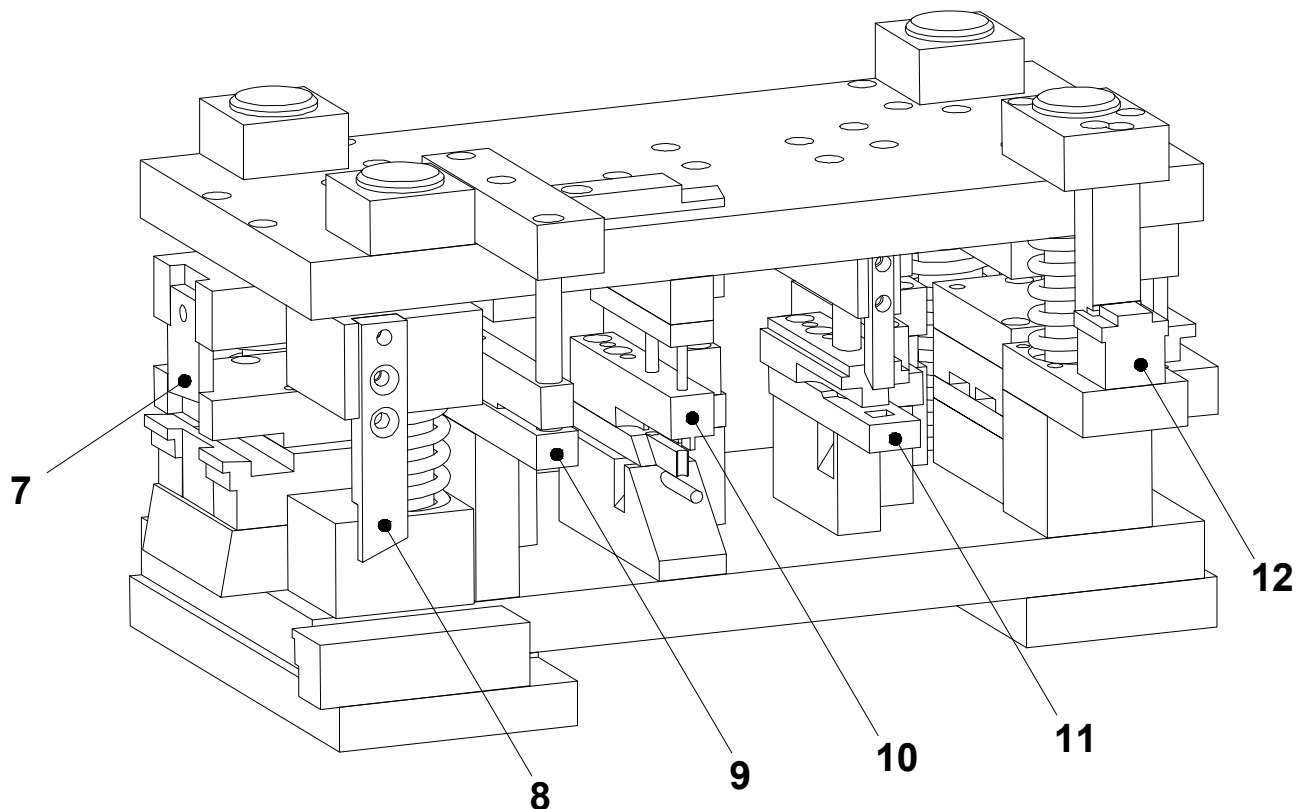
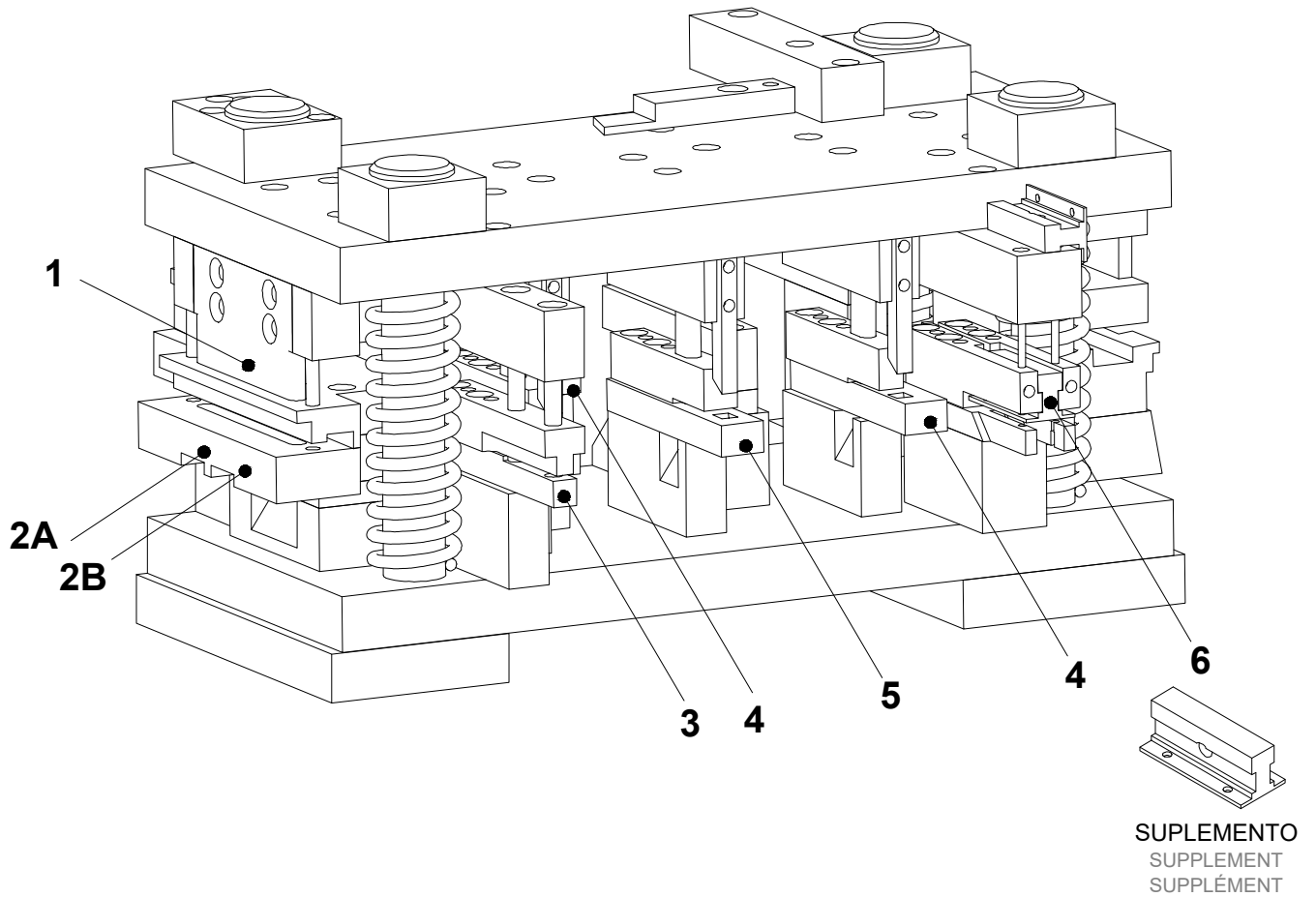
RASGOS PARA DRENAGEM E DESCOMPRESSÃO - ST-OCULTA

HOLES FOR DRAINAGE AND DECOMPRESSION - ST-CONCEALED
FENTES POUR DRAINAGE ET DÉCOMPRESSION - ST-CACHÉE

MAQUINAÇÃO DOS PERFIS

PROFILES MACHINING | USINAGE DES PROFILÉS

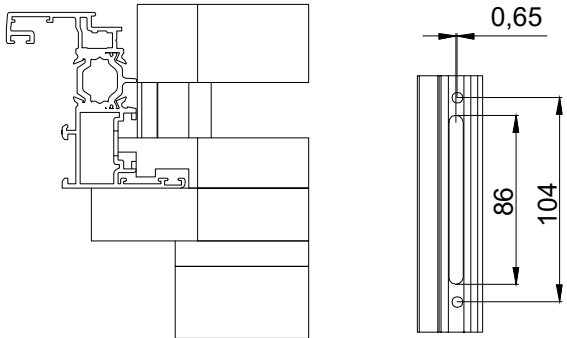
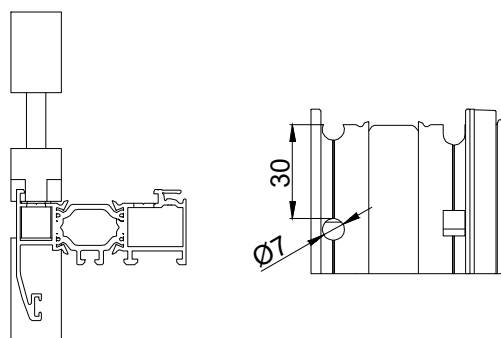
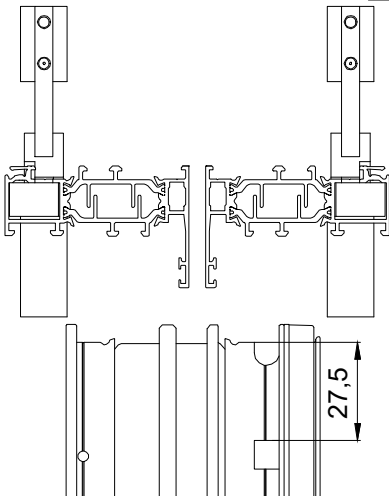
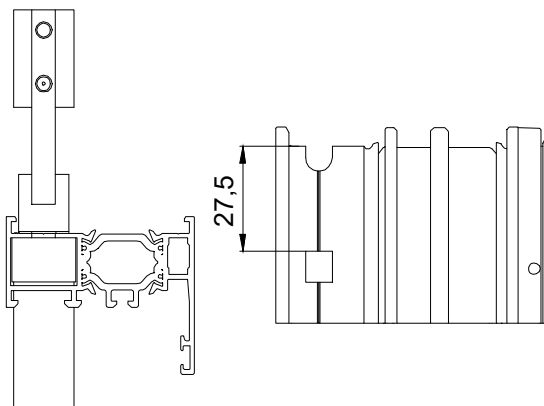
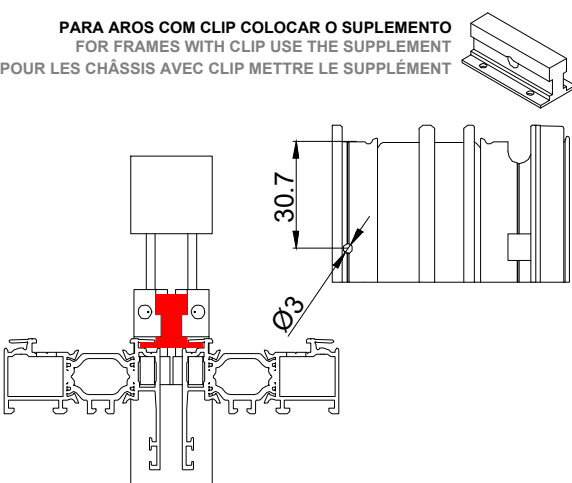
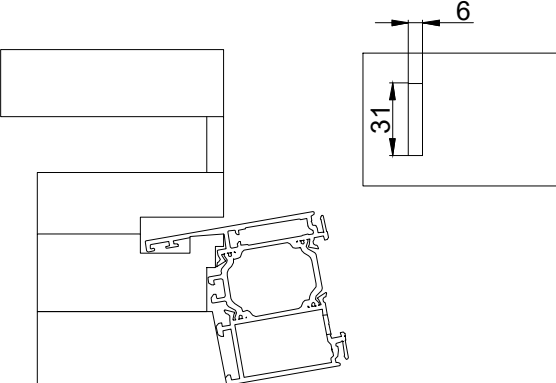
- MAQUINAÇÕES NO CORTANTE IT/ST
MACHINING OPERATIONS ON THE IT/ST PUNCHING TOOL
OPÉRATIONS D'USINAGE POUR POINÇON IT/ST



MAQUINAÇÃO DOS PERFIS

PROFILES MACHINING | USINAGE DES PROFILÉS

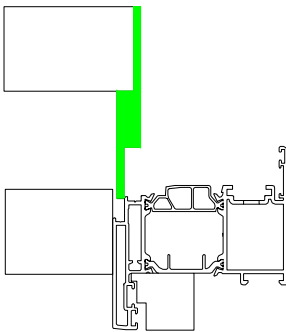
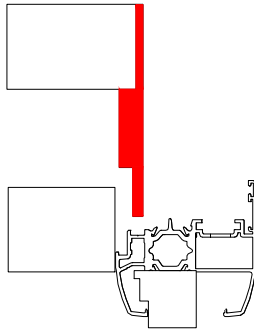
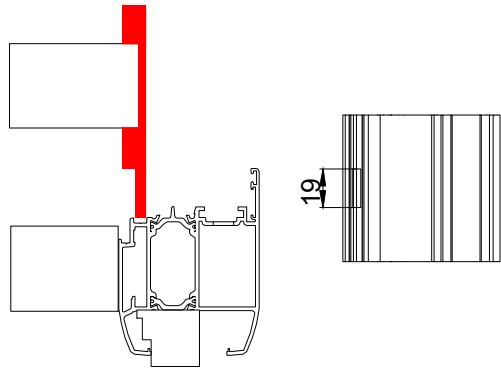
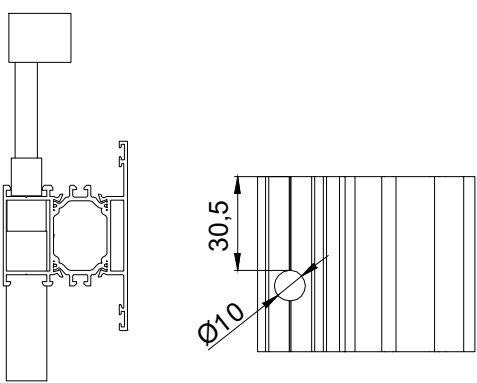
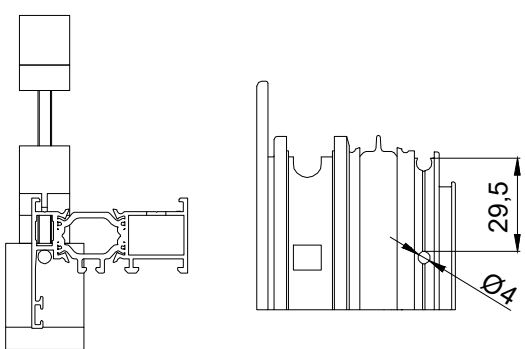
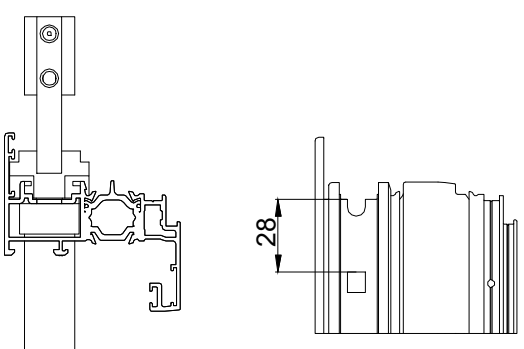
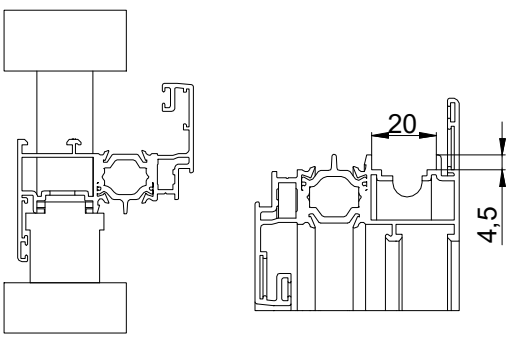
- MAQUINAÇÕES NO CORTANTE IT/ST
MACHINING OPERATIONS ON THE IT/ST PUNCHING TOOL
OPÉRATIONS D'USINAGE POUR POINÇON IT/ST

<p>1 2 - MAQUINAÇÃO PARA CREMONE E VARETA HANDLE AND ROD MACHINING USINAGE POUR CRÉMONE ET TIGE</p> <p>VARETA ROD TIGE: 2A= Ø6mm 2B= Ø8mm</p> 	<p>3 - MAQUINAÇÃO ESQUADRO SECUNDÁRIO EM AROS FIXOS SECONDARY BRACKET MACHINING ON FIXED FRAMES USINAGE EQUÉRRE SECONDAIRE EN DORMANT</p> 
<p>4 - MAQUINAÇÃO ESQUADRO PRINCIPAL EM AROS COM CLIP MAIN BRACKET MACHINING ON FRAMES WITH CLIP USINAGE EQUÉRRE PRINCIPALE EN CHÂSSIS À CLIP</p> 	<p>5 - MAQUINAÇÃO ESQUADRO PRINCIPAL EM AROS SEM CLIP MAIN BRACKET MACHINING ON FRAMES WITHOUT CLIP USINAGE EQUÉRRE PRINCIPALE EN CHÂSSIS SANS CLIP</p> 
<p>6 - MAQUINAÇÃO ESQUADRO DE PINO PIN BRACKET MACHINING USINAGE EQUÉRRE À PITON</p> <p>PARA AROS COM CLIP COLOCAR O SUPLEMENTO FOR FRAMES WITH CLIP USE THE SUPPLEMENT POUR LES CHÂSSIS AVEC CLIP METTRE LE SUPPLÉMENT</p> 	<p>7 - MAQUINAÇÃO PARA DRENAGEM DRAINAGE MACHINING USINAGE POUR DRAINAGE</p> 

MAQUINAÇÃO DOS PERFIS

PROFILES MACHINING | USINAGE DES PROFILÉS

- **MAQUINAÇÕES NO CORTANTE IT/ST**
MACHINING OPERATIONS ON THE IT/ST PUNCHING TOOL
OPÉRATIONS D'USINAGE POUR POINÇON IT/ST

<p>8 - MAQUINAÇÃO PARA DRENAGEM E DESCOMPRESSÃO (existem 2 peças distintas para usar consoante o tipo de perfil) DRAINAGE AND DECOMPRESSION (there are 2 different pieces to use depending on the type of profile) USINAGE POUR DRAINAGE ET DÉCOMPRESSION (Il y a deux pièces différentes à utiliser selon le type de profilé)</p>	
<p>PEÇA 2 FUROS 2 HOLES PIECE PIÈCE 2 TROUS</p> 	<p>PEÇA 3 FUROS 3 HOLES PIECE PIÈCE 3 TROUS</p> 
<p>PEÇA 3 FUROS 3 HOLES PIECE PIÈCE 3 TROUS</p> 	
<p>9 - MAQUINAÇÃO PARA UNIÃO DE TRAVESSAS MACHINING FOR TRANSOMS UNION USINAGE POUR UNION DES TRAVERSES</p> 	<p>10 - MAQUINAÇÃO ESQUADROS SECUNDÁRIOS EM AROS FIXOS SECONDARY BRACKETS MACHINING ON FIXED FRAMES USINAGE EQUÉRRES SECONDAIRE EN DORMANT</p> <p>NÃO COLOCAR ARO FIXO COM CLIP SOB RISCO DE PARTIR O CORTANTE DO NOT USE FIXE FRAME WITH CLIP. CAN BREAK THE PUNCHING TOOL NE PAS PLACER DE DORMANT AVEC CLIP. RISQUE DE CASSER L'OUTIL</p> 
<p>11 - MAQUINAÇÃO ESQUADRO PRINCIPAL EM AROS MÓVEIS MAIN BRACKET MACHINING ON MOBILE FRAMES USINAGE EQUÉRRE PRINCIPALE SUR VANTAIL</p> 	<p>12 - MAQUINAÇÃO PARA ÂNGULO DE REENVIO MACHINING FOR RETURN ANGLE USINAGE POUR ANGLE DE RENVOI</p> 

MAQUINAÇÃO DOS PERFIS

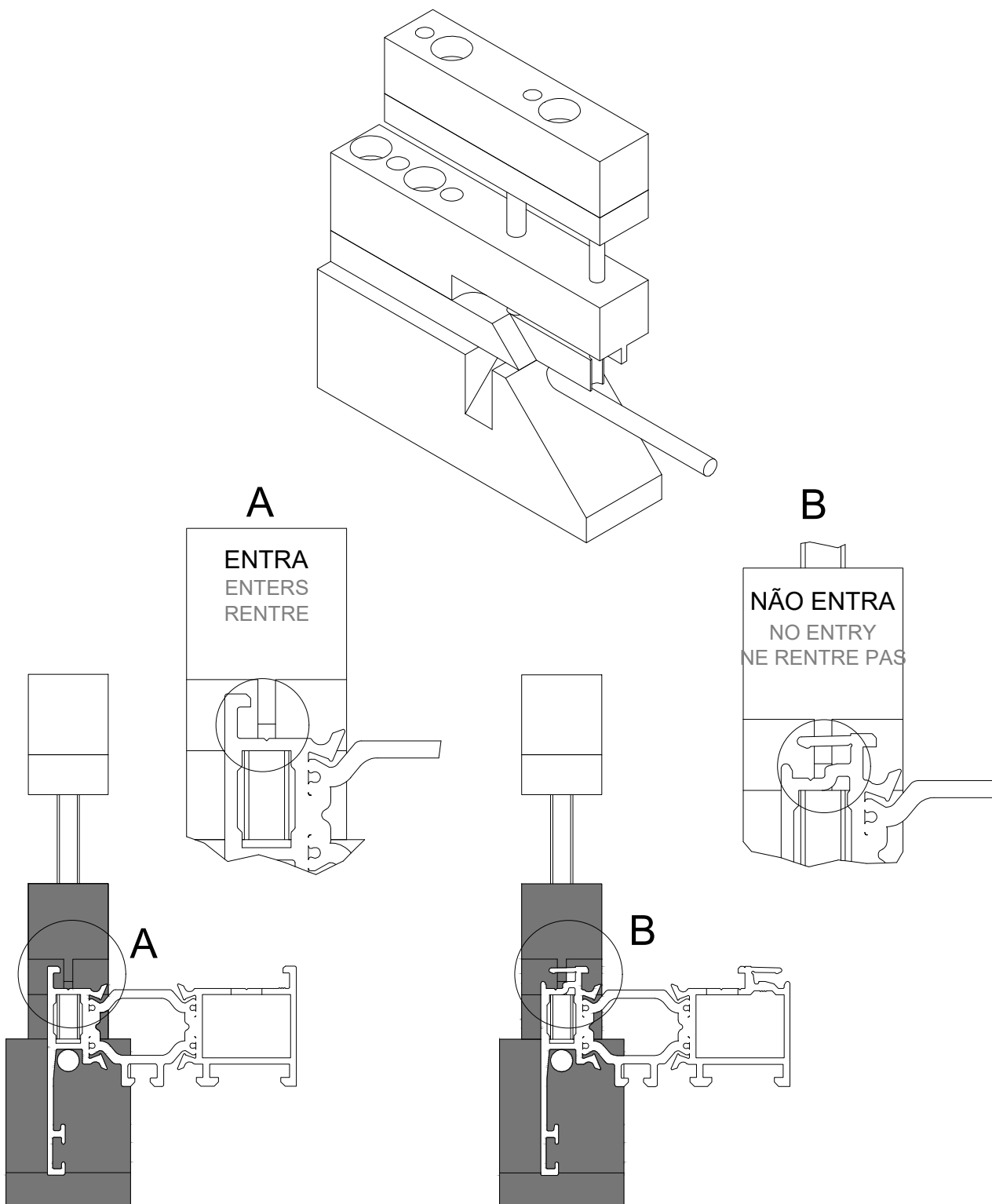
PROFILES MACHINING | USINAGE DES PROFILÉS

- **MAQUINAÇÕES NO CORTANTE IT/ST**
MACHINING OPERATIONS ON THE IT/ST PUNCHING TOOL
OPÉRATIONS D'USINAGE POUR POINÇON IT/ST

Na Operação 10 - "MECANIZAÇÃO ESQUADROS SECUNDÁRIOS EM AROS FIXOS", não se pode colocar aros fixos com clip, correndo o risco de partir o punção.

In Operation 10 - "SECONDARY BRACKETS MACHINING ON FIXED FRAMES", fixed frames with clip cannot be placed, incurring the risk of breaking the punching tool.

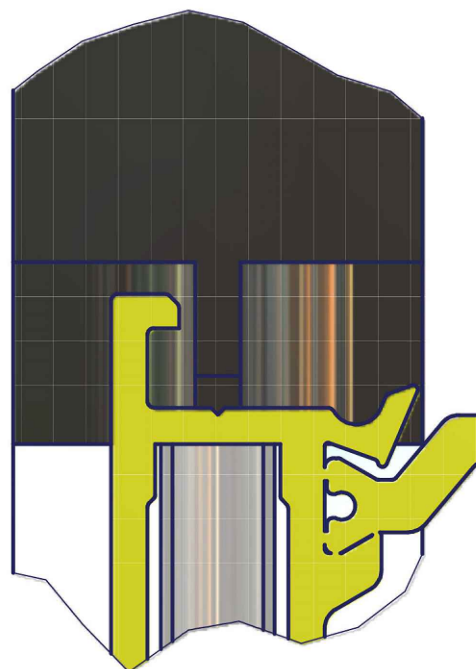
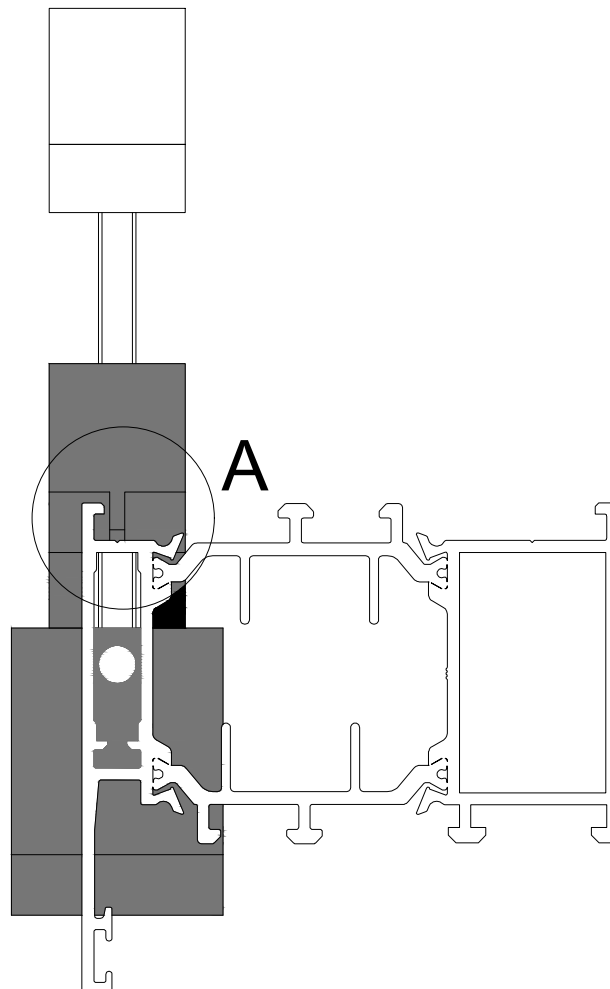
Pour l'Opération 10 - USINAGE EQUERRES SECONDAIRES SUR DORMANT, ne pas placer de dormant avec clip, sous le risque de casser le poinçon.



MAQUINAÇÃO DOS PERFIS

PROFILES MACHINING | USINAGE DES PROFILÉS

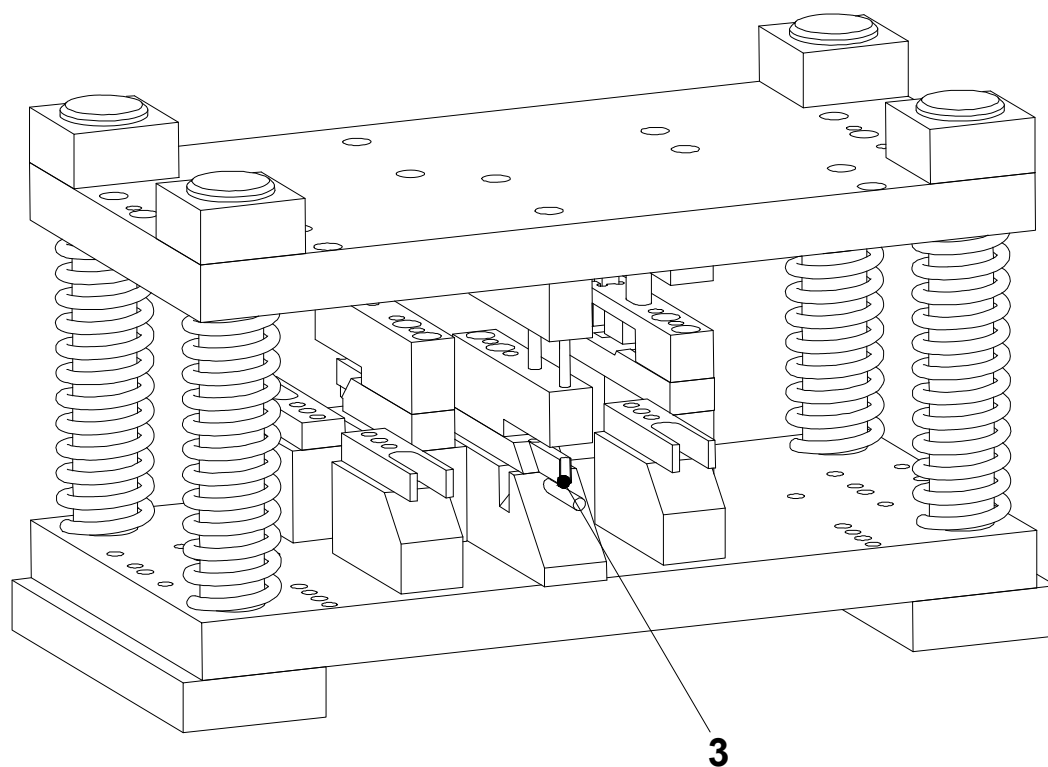
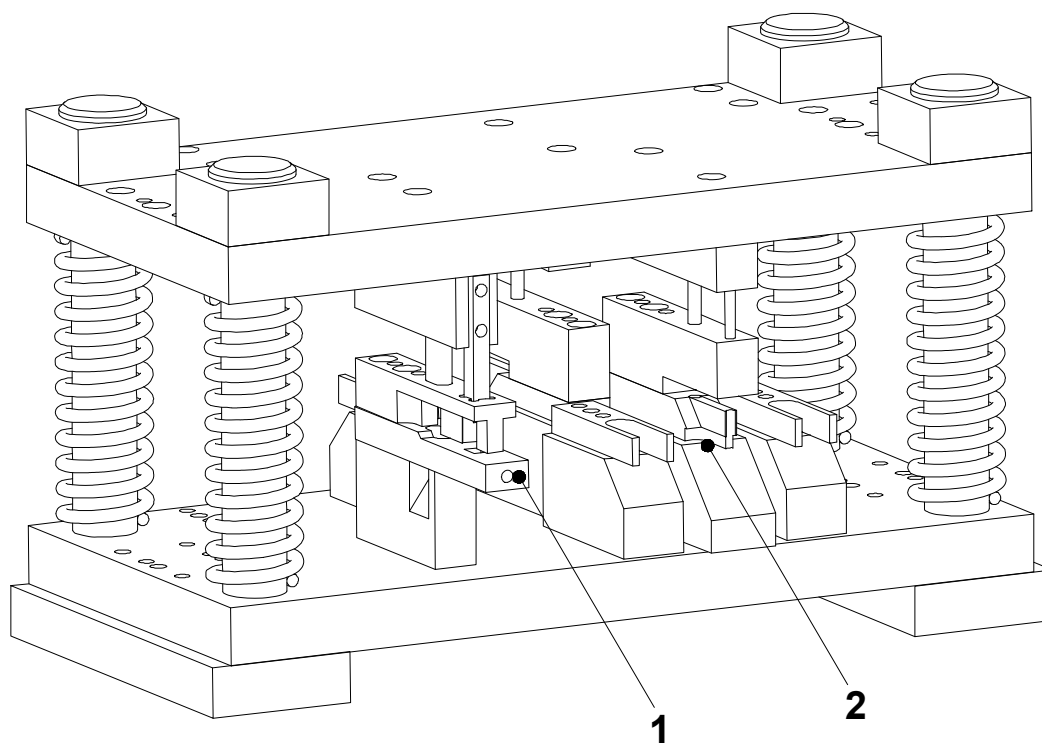
- MAQUINAÇÕES NO CORTANTE IT/ST
MACHINING OPERATIONS ON THE IT/ST PUNCHING TOOL
OPÉRATIONS D'USINAGE POUR POINÇON IT/ST



MAQUINAÇÃO DOS PERFIS

PROFILES MACHINING | USINAGE DES PROFILÉS

- **MAQUINAÇÕES NO CORTANTE IT/ST Nº2**
MACHINING OPERATIONS ON THE IT/ST PUNCHING TOOL N.2
OPÉRATIONS D'USINAGE POUR POINÇON IT/ST N.2

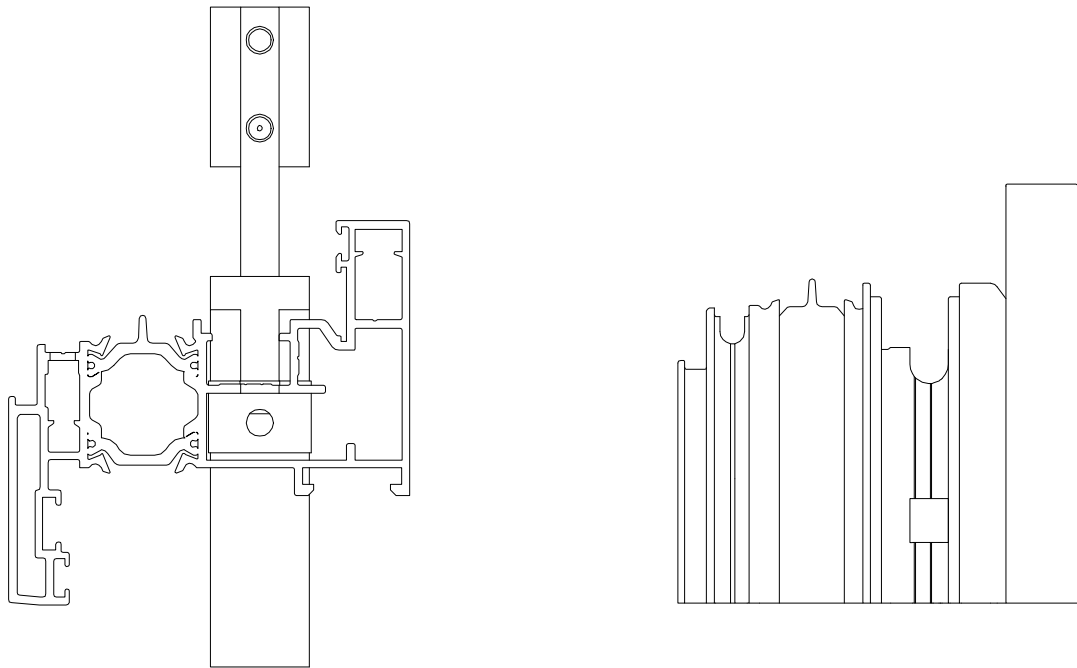


MAQUINAÇÃO DOS PERFIS

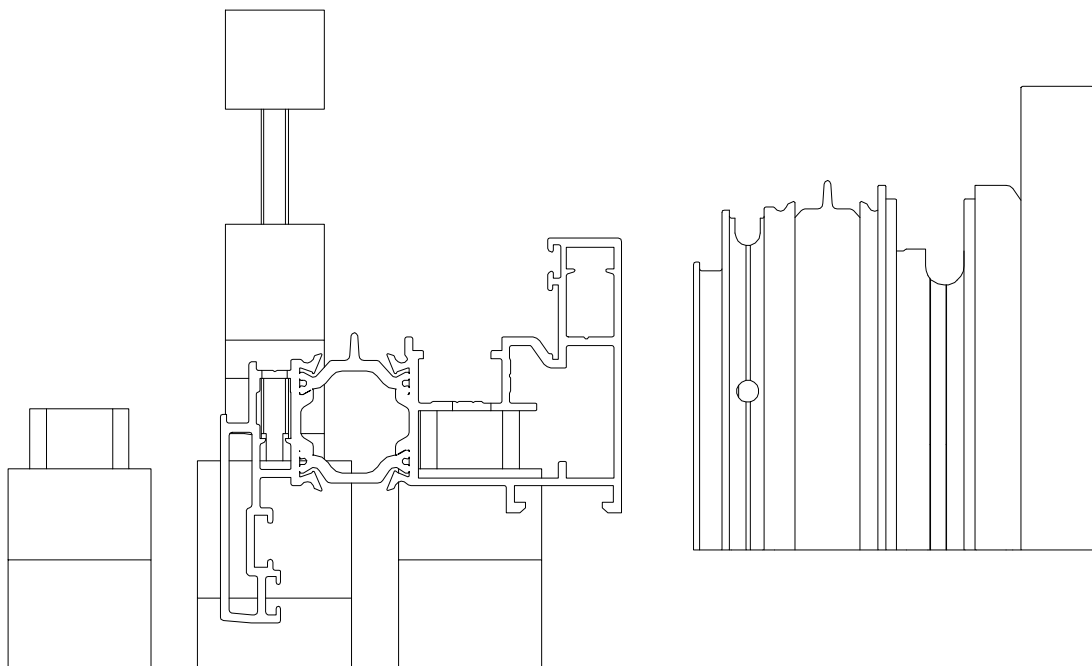
PROFILES MACHINING | USINAGE DES PROFILÉS

- **MAQUINAÇÕES NO CORTANTE IT/ST N.º2**
MACHINING OPERATIONS ON THE IT/ST PUNCHING TOOL N.2
OPÉRATIONS D'USINAGE POUR POINÇON IT/ST N.2

1 - MAQUINAÇÃO ESQUADRO PRINCIPAL EM AROS MÓVEIS CANAL 16
MAIN BRACKET MACHINING ON MOBILE FRAMES CHANNEL 16
USINAGE EQUÉRRE PRINCIPALE EN OUVRANT CHENAL 16



2 - MAQUINAÇÃO ESQUADRO SECUNDÁRIO EM AROS MÓVEIS CANAL 16
SECONDARY BRACKET MACHINING ON MOBILE FRAMES CHANNEL 16
USINAGE EQUÉRRE SECONDAIRE EN OUVRANT CHENAL 16

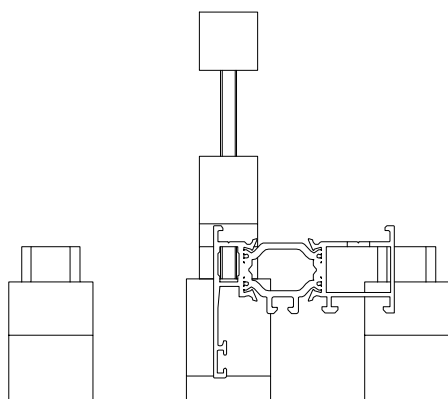


MAQUINAÇÃO DOS PERFIS

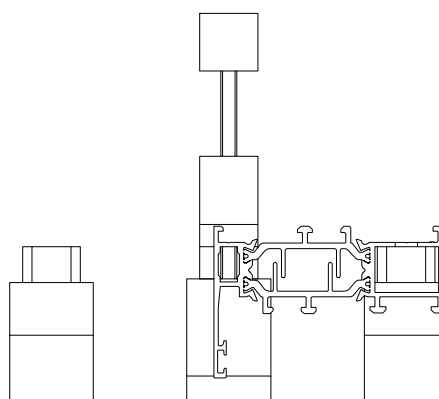
PROFILES MACHINING | USINAGE DES PROFILÉS

- **MAQUINAÇÕES NO CORTANTE IT/ST Nº2**
MACHINING OPERATIONS ON THE IT/ST PUNCHING TOOL N.2
OPÉRATIONS D'USINAGE POUR POINÇON IT/ST N.2

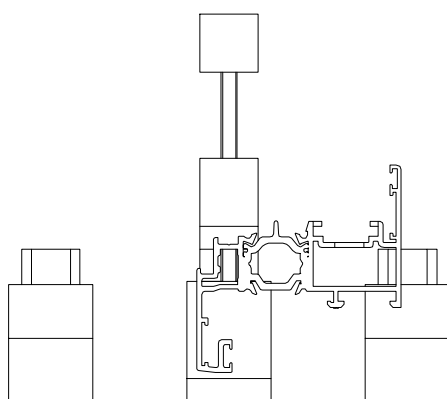
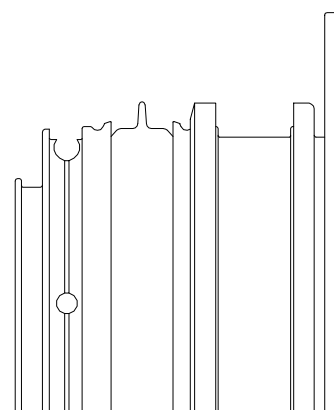
3 - MAQUINAÇÃO ESQUADRO SECUNDÁRIO EM AROS MÓVEIS E FIXOS ST E IT, CÂMARA EUROPEIA
SECONDARY BRACKET MACHINING ON ST AND IT MOBILE AND FIXED FRAMES, EUROPEAN CHAMBER
USINAGE EQUÉRRE SECONDAIRE EN OUVRANT ET DORMANT ST ET IT, CHAMBRE EUROPÉENNE



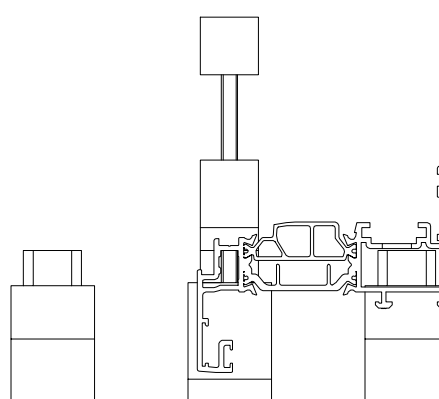
AROS FIXOS IT
IT FIXED FRAMES
CADRES DORMANT IT



AROS FIXOS ST
ST FIXED FRAMES
CADRES DORMANT ST



AROS MÓVEIS IT
IT FMOBILE FRAMES
CADRES OUVRANT IT

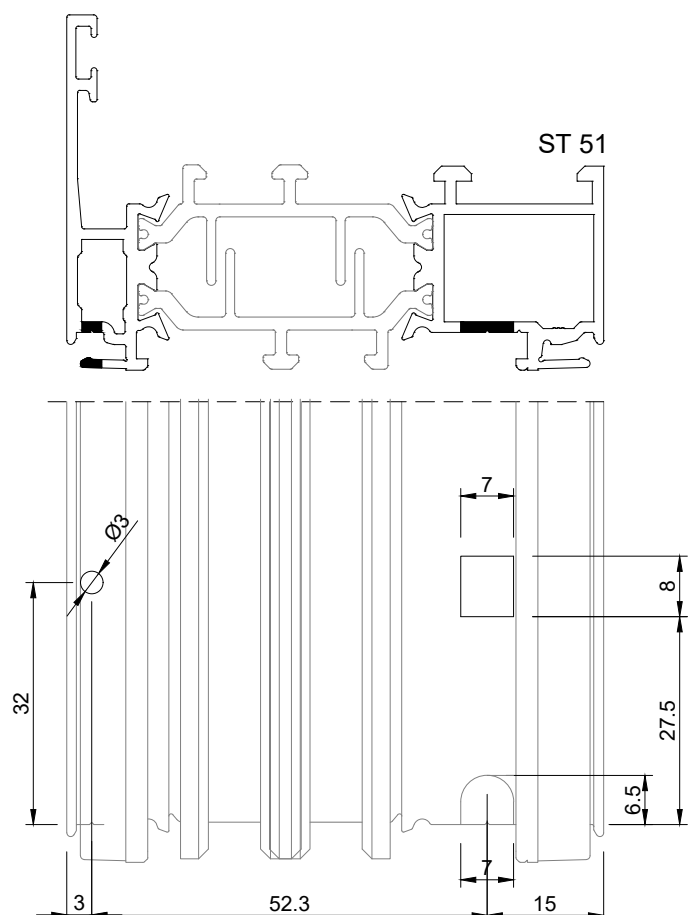
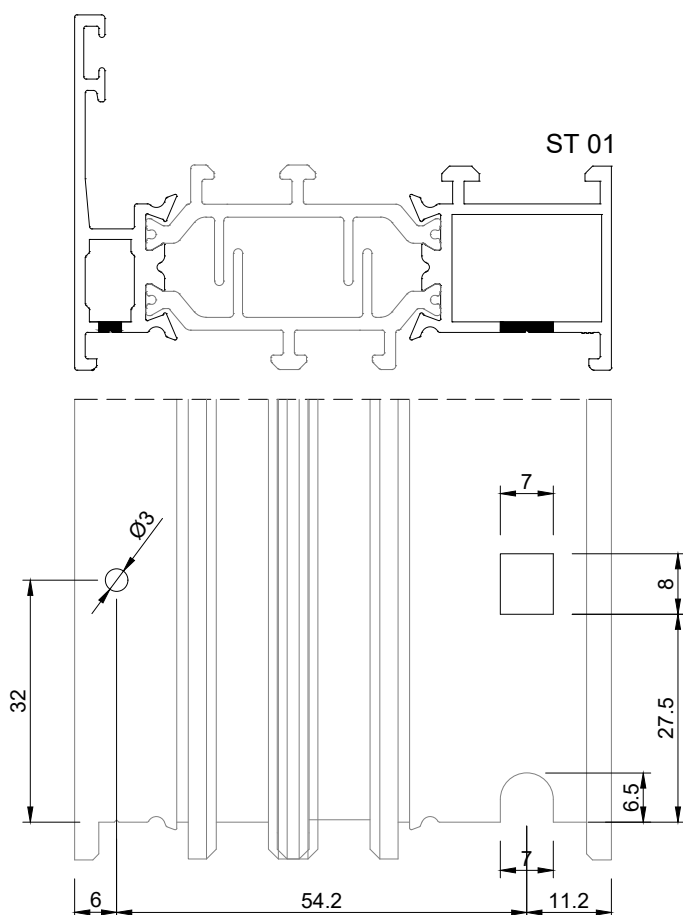
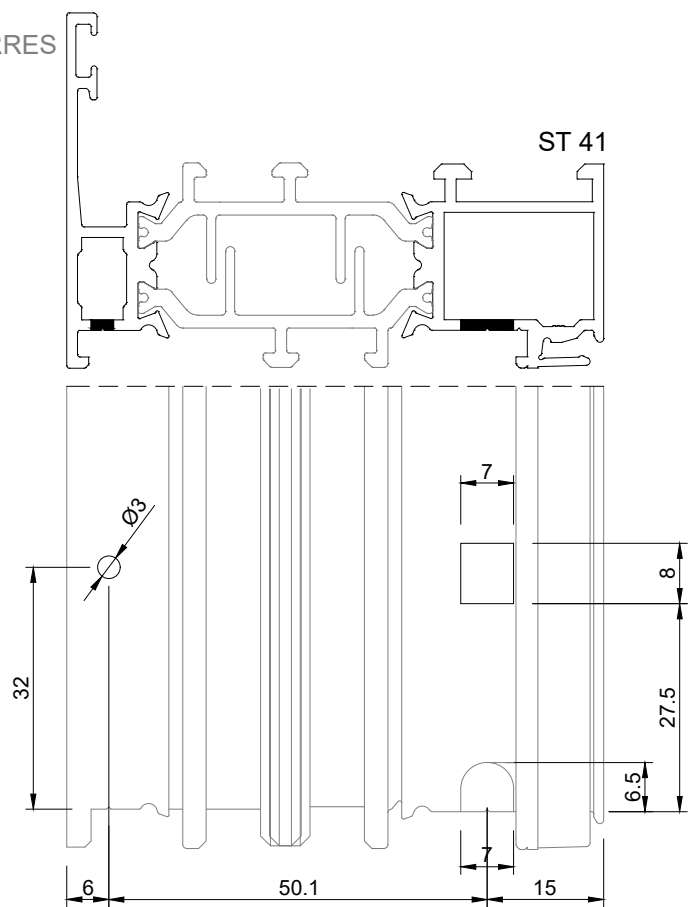
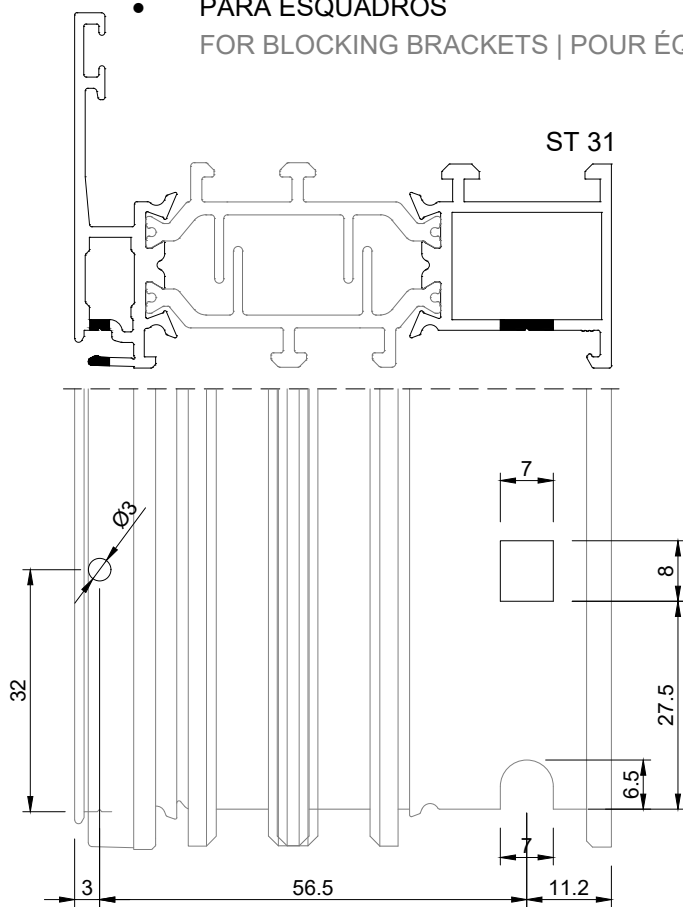


AROS MÓVEIS ST
ST FMOBILE FRAMES
CADRES OUVRANT ST

MAQUINAÇÃO DOS PERFIS - Aros fixos

PROFILES MACHINING - Fixed frames | USINAGE DES PROFILÉS - Cadre dormant

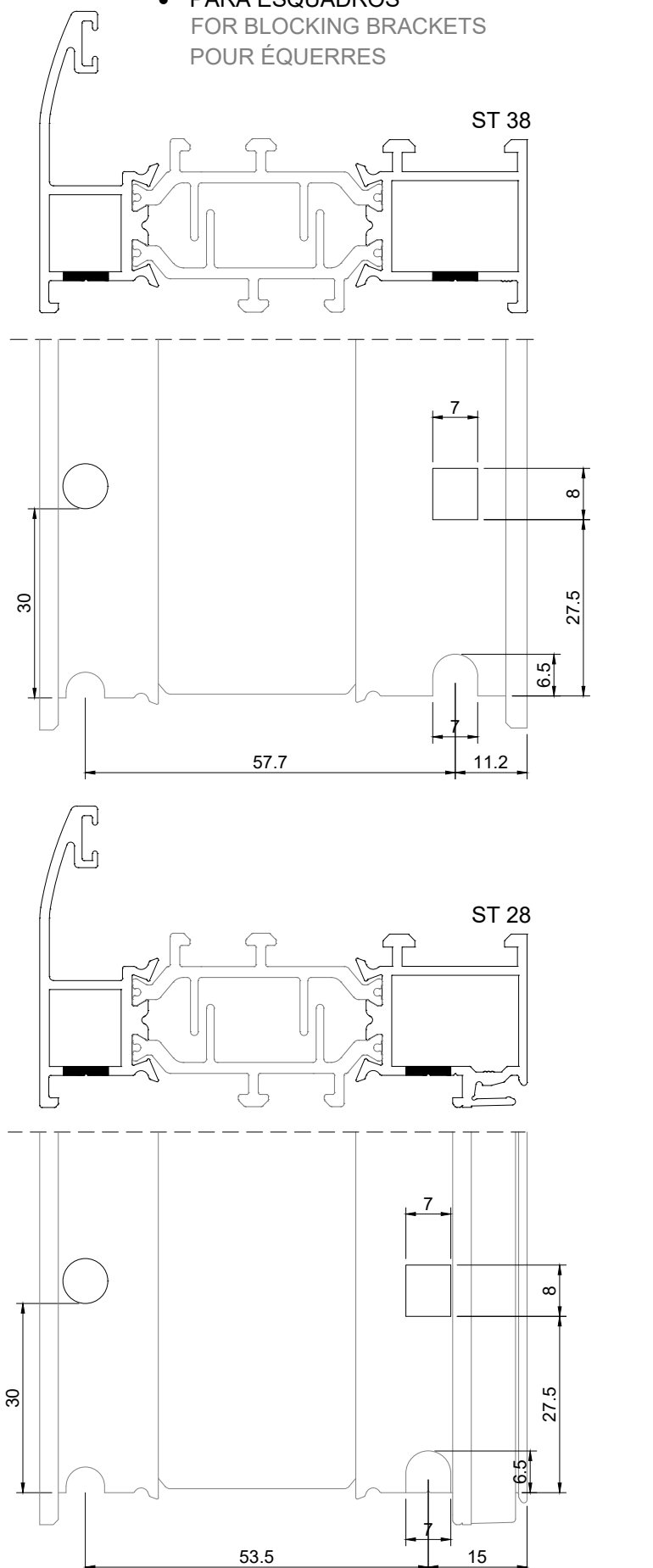
- **PARA ESQUADROS**
FOR BLOCKING BRACKETS | POUR ÉQUERRES



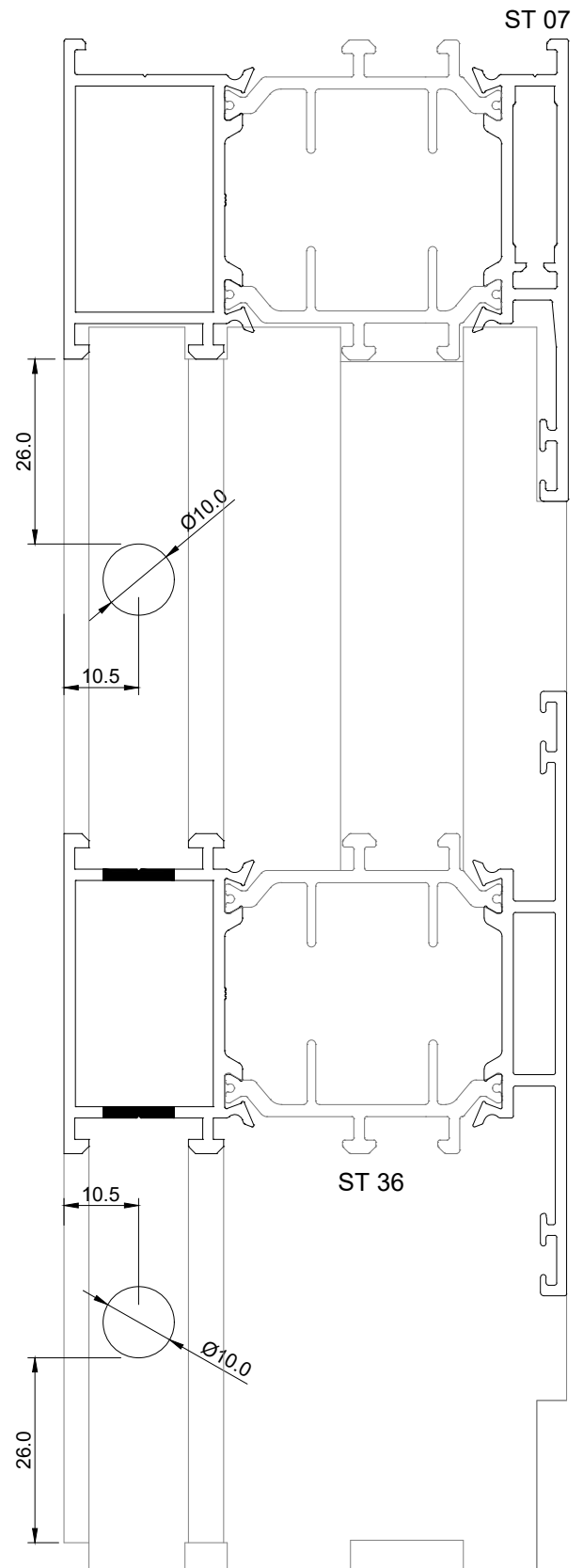
MAQUINAÇÃO DOS PERFIS - Aros fixos

PROFILES MACHINING - Fixed frames | USINAGE DES PROFILÉS - Cadre dormant

- PARA ESQUADROS
FOR BLOCKING BRACKETS
POUR ÉQUERRES



- PARA UNIÃO DE TRAVESSA ST 36
FOR ST 36 TRANSOM
POUR TRAVERSE ST 36

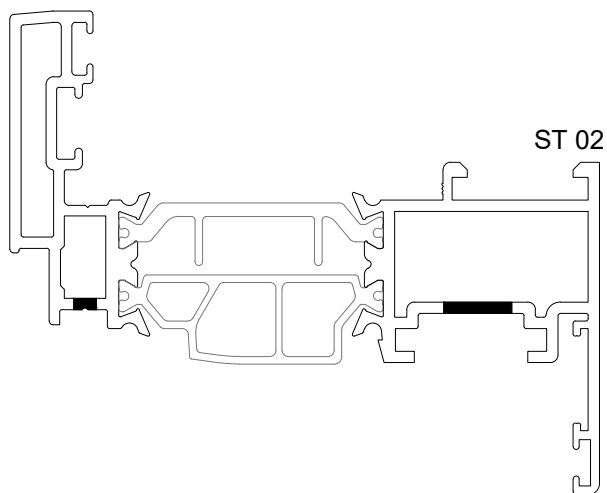


MAQUINAÇÃO DOS PERFIS - Aros móveis abertura interior

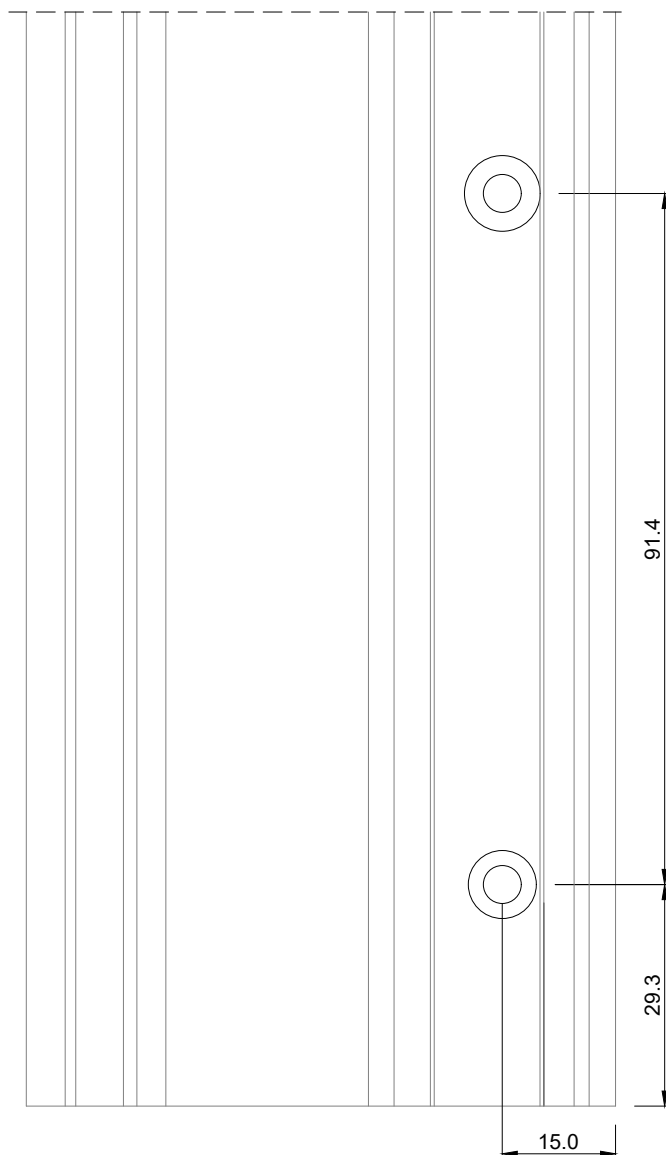
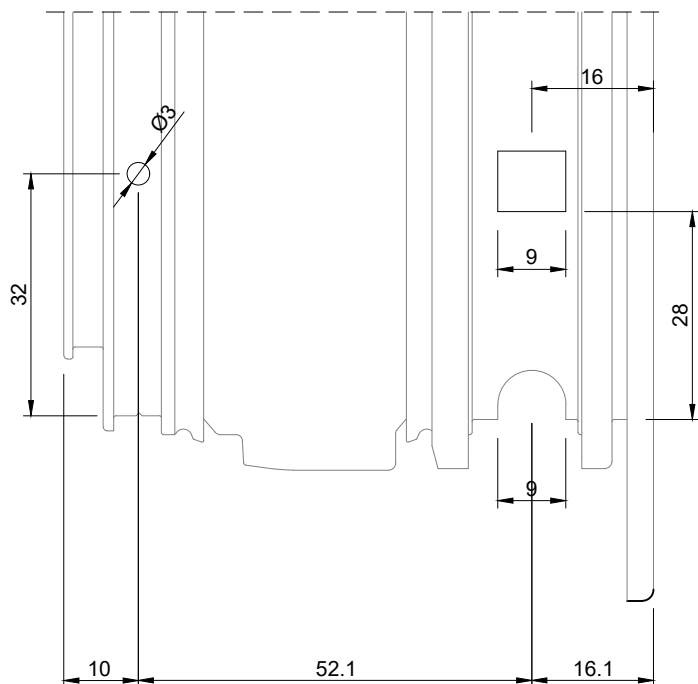
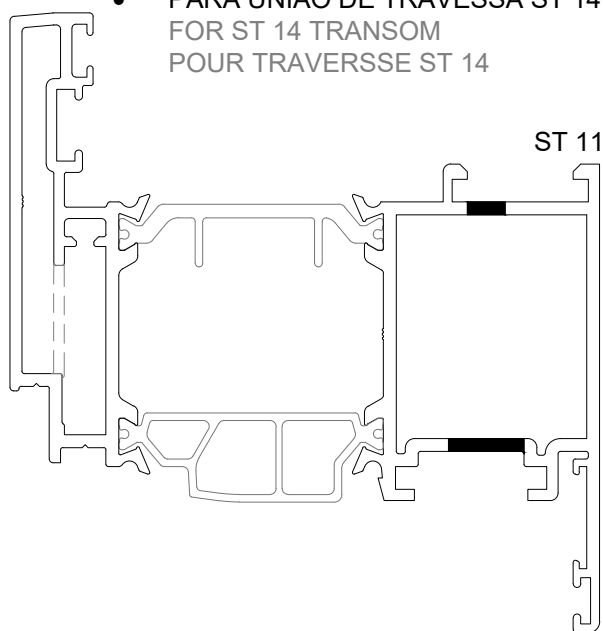
PROFILES MACHINING- Mobile frames inward opening

USINAGE DES PROFILÉS - Cadres ouvrants ouverture vers l'intérieur

- PARA ESQUADROS
FOR BLOCKING BRACKETS
POUR ÉQUERRES



- PARA UNIÃO DE TRAVESSA ST 14
FOR ST 14 TRANSOM
POUR TRAVERSE ST 14

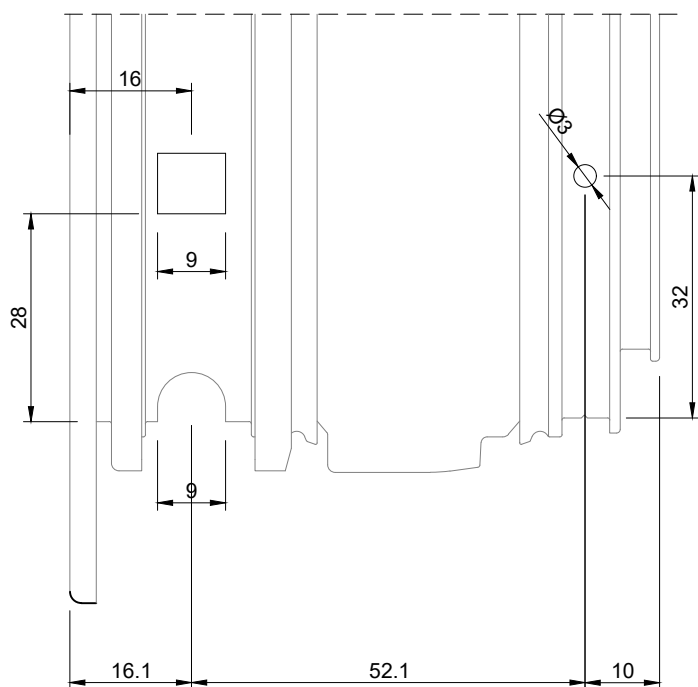
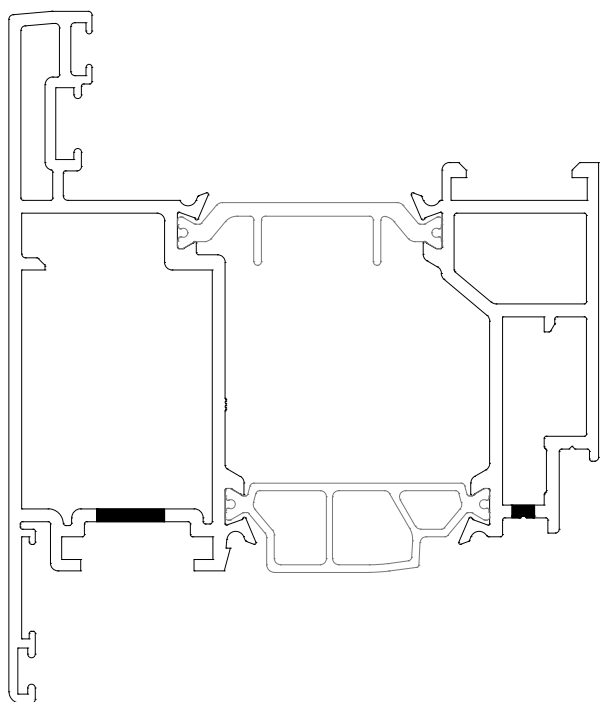


MAQUINAÇÃO DOS PERFIS - Aros móveis abertura exterior e travessas

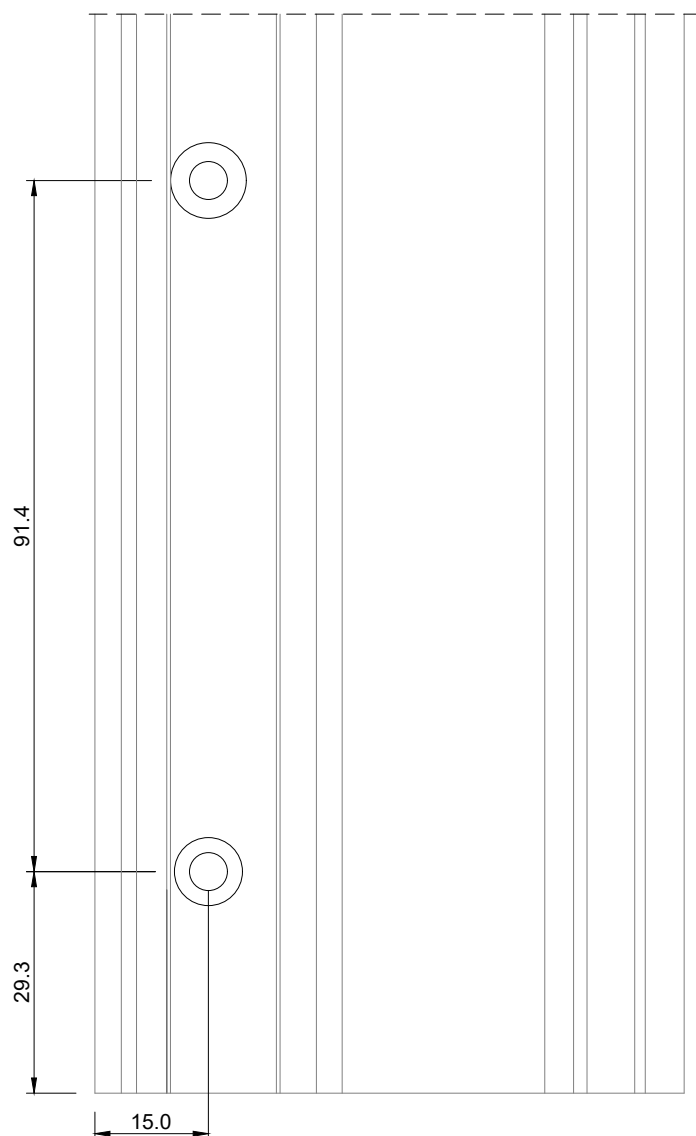
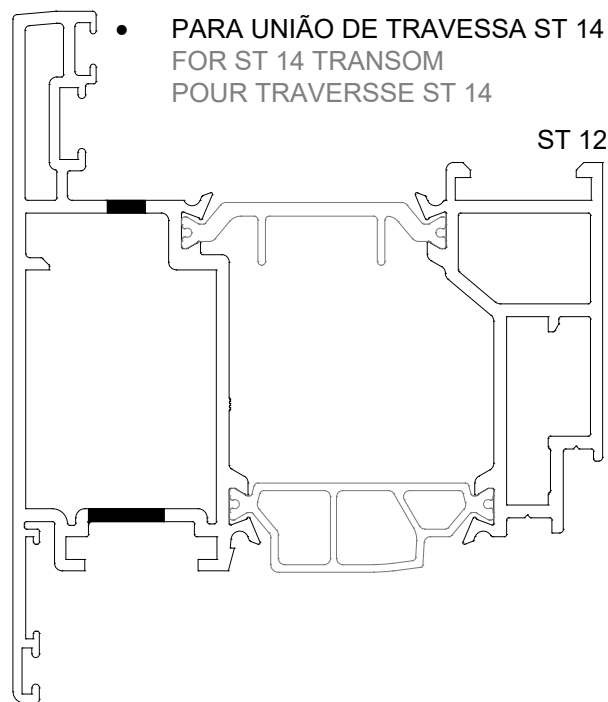
PROFILES MACHINING - Mobile frames outward opening and transoms

USINAGE DES PROFILÉS - Cadres ouvrants ouverture vers l'extérieur at traverses

- PARA ESQUADROS
FOR BLOCKING BRACKETS
POUR ÉQUERRES



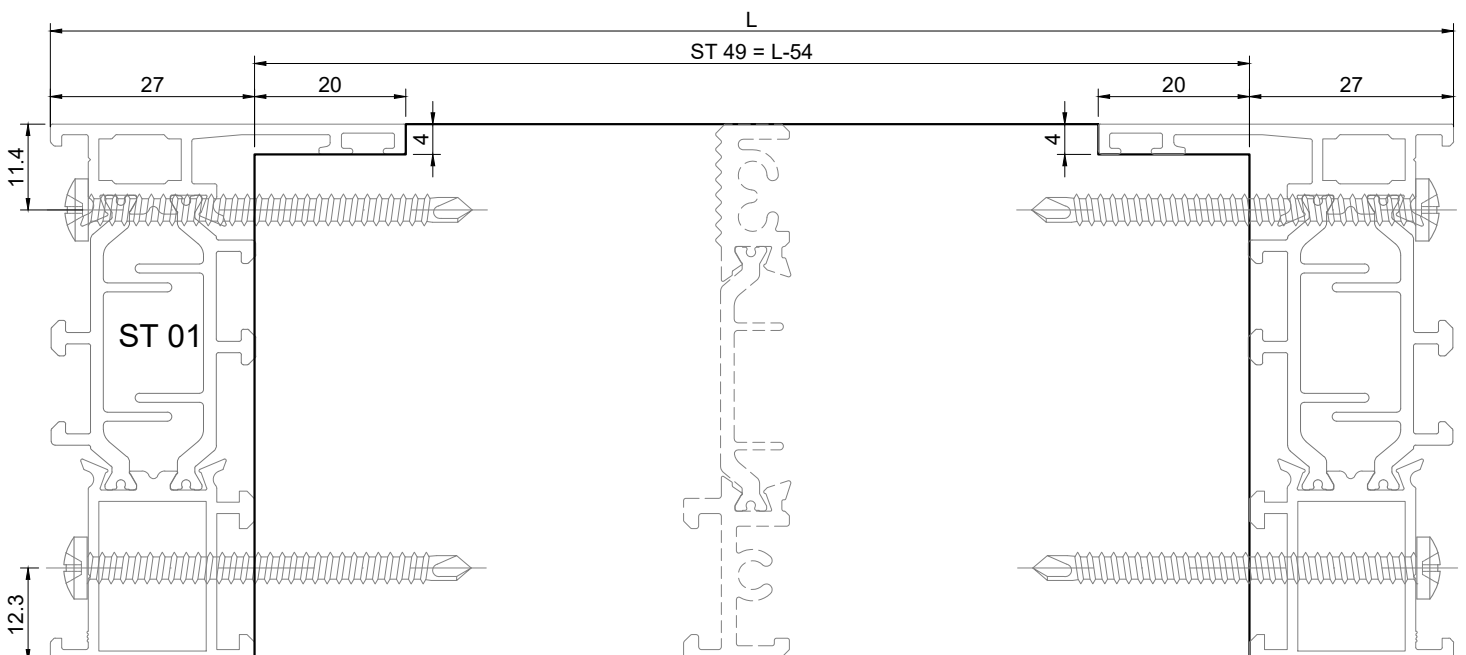
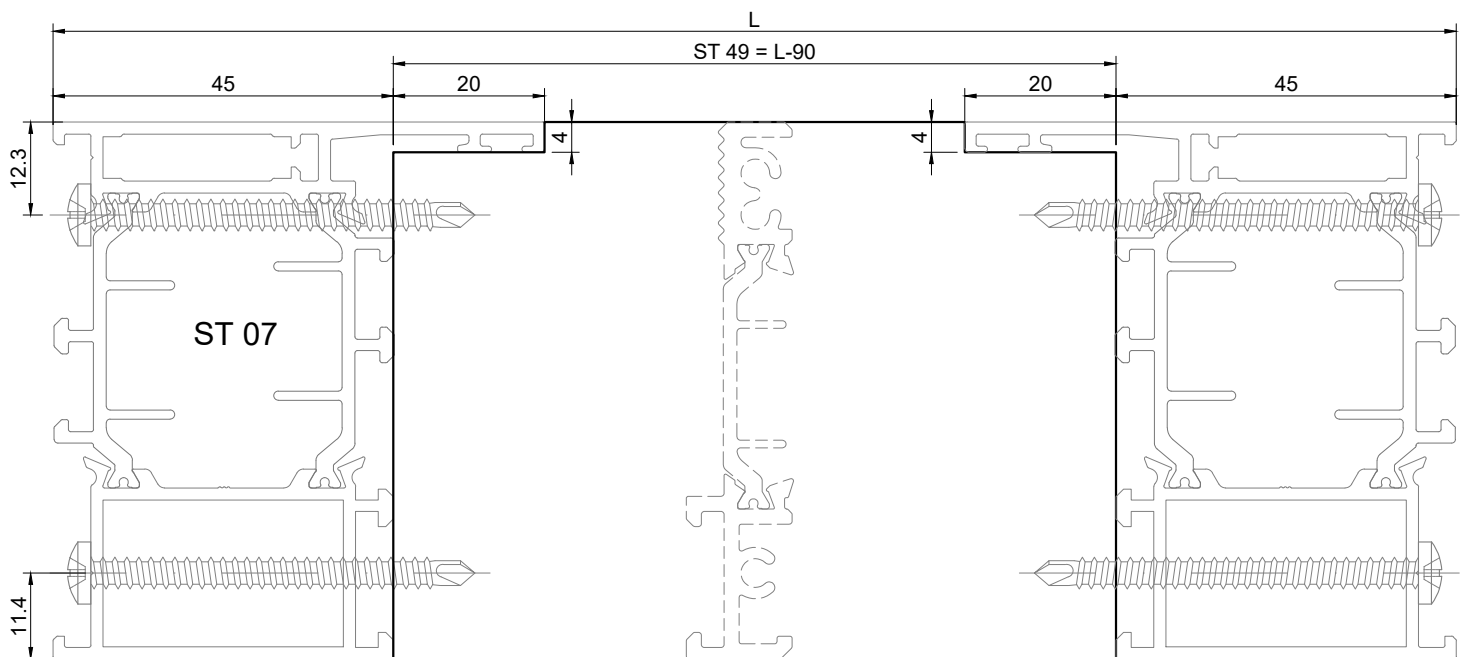
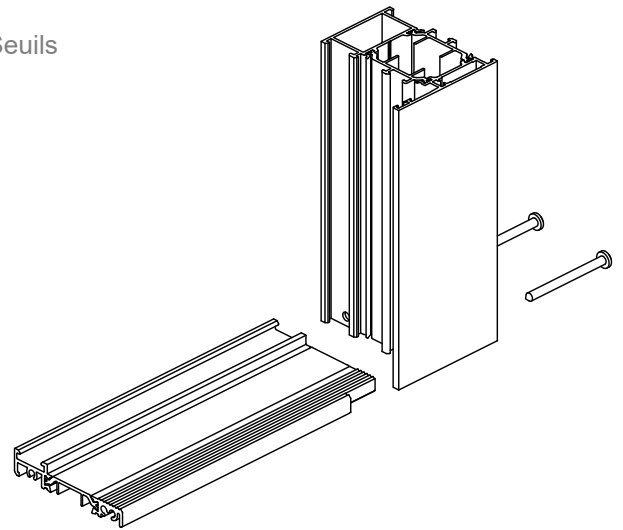
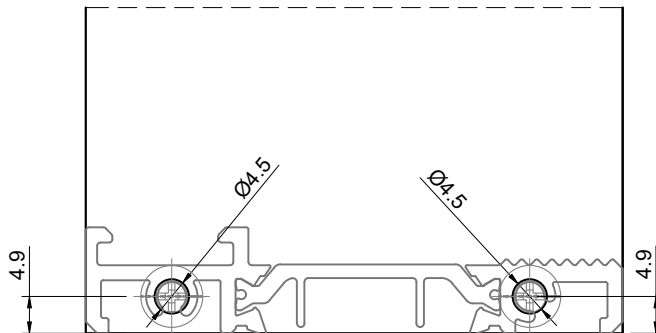
- PARA UNIÃO DE TRAVESSA ST 14
FOR ST 14 TRANSOM
POUR TRAVERSE ST 14



MAQUINAÇÃO DOS PERFIS - Soleiras

PROFILES MACHINING - Sills | USINAGE DES PROFILÉS - Seuils

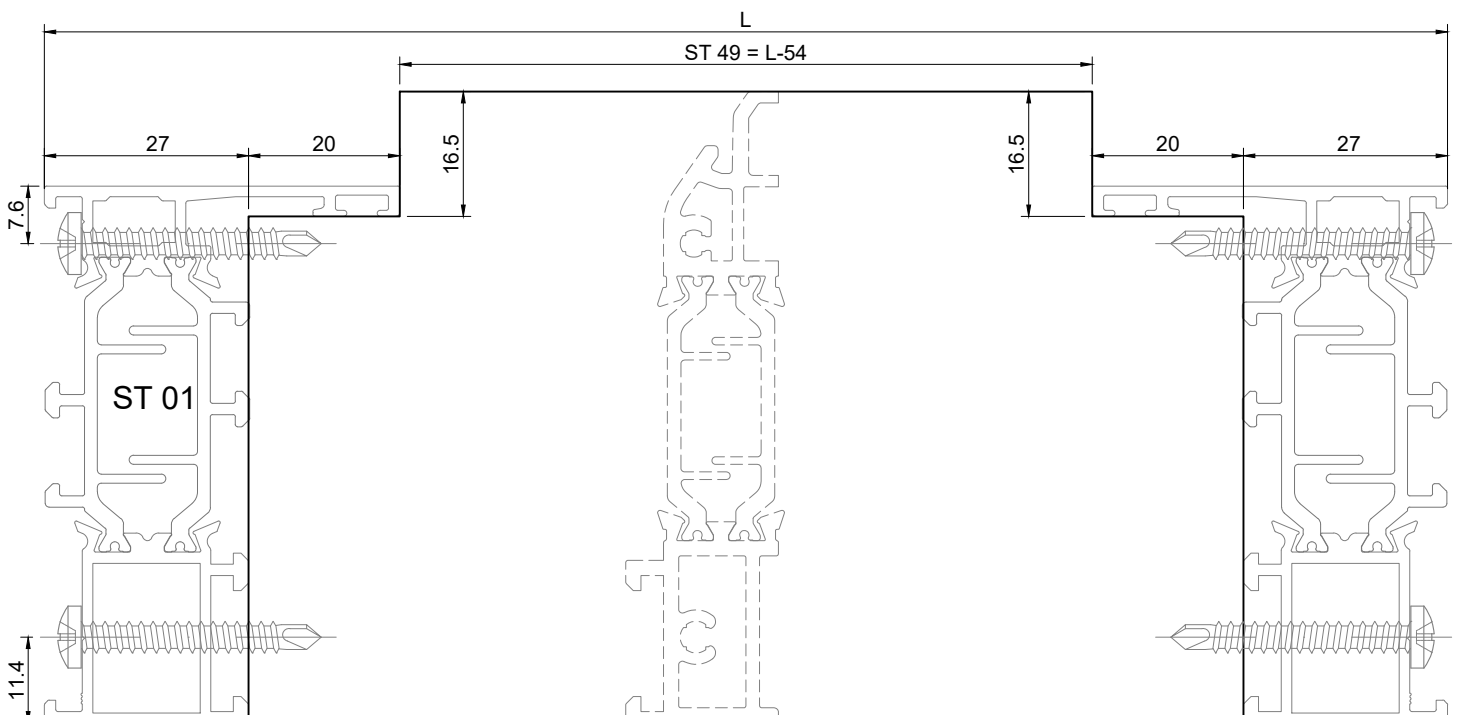
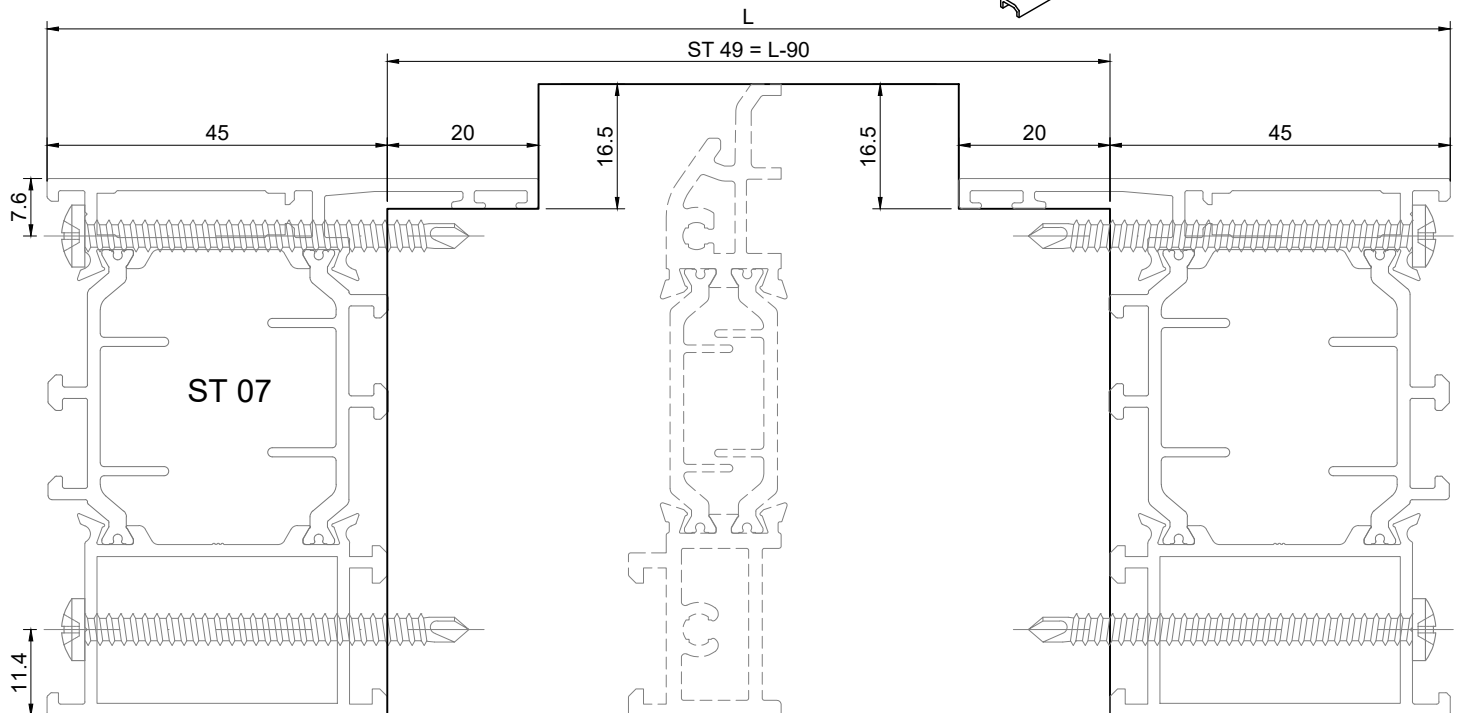
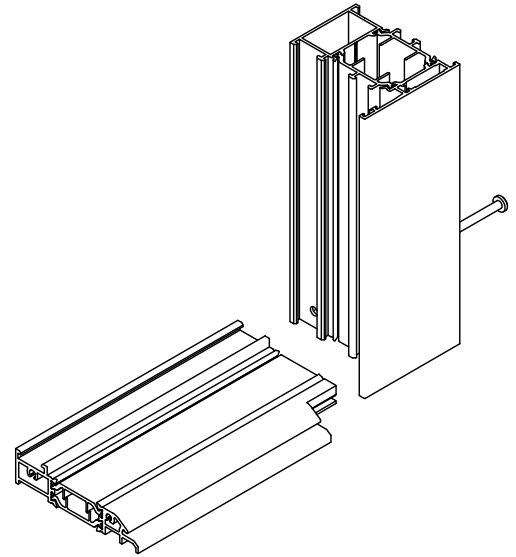
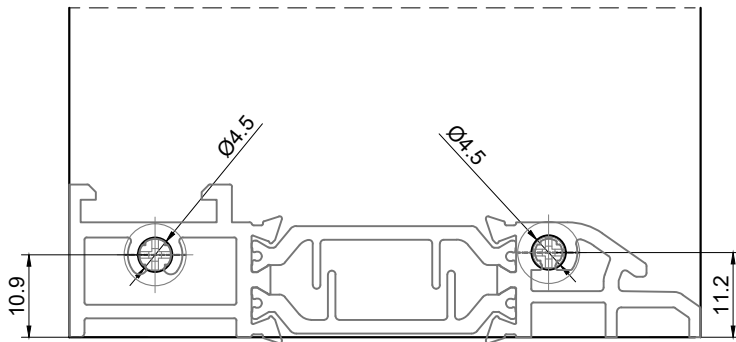
- PARA SOLEIRA ST 34
FOR ST 34 SILL | POUR SEUIL ST 34



MAQUINAÇÃO DOS PERFIS - Soleiras

PROFILES MACHINING - Sills | USINAGE DES PROFILÉS - Seuils

- PARA SOLEIRA ST 49
FOR ST 49 SILL | POUR SEUIL ST 49

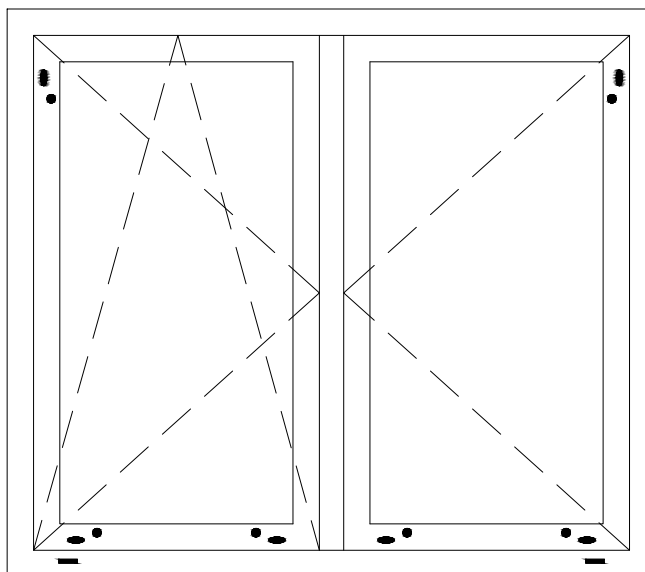


MAQUINAÇÃO DOS PERFIS - Aros fixos e móveis

PROFILES MACHINING - Fixed and mobile frames | USINAGE DES PROFILÉS - Cadres dormants et ouvrants

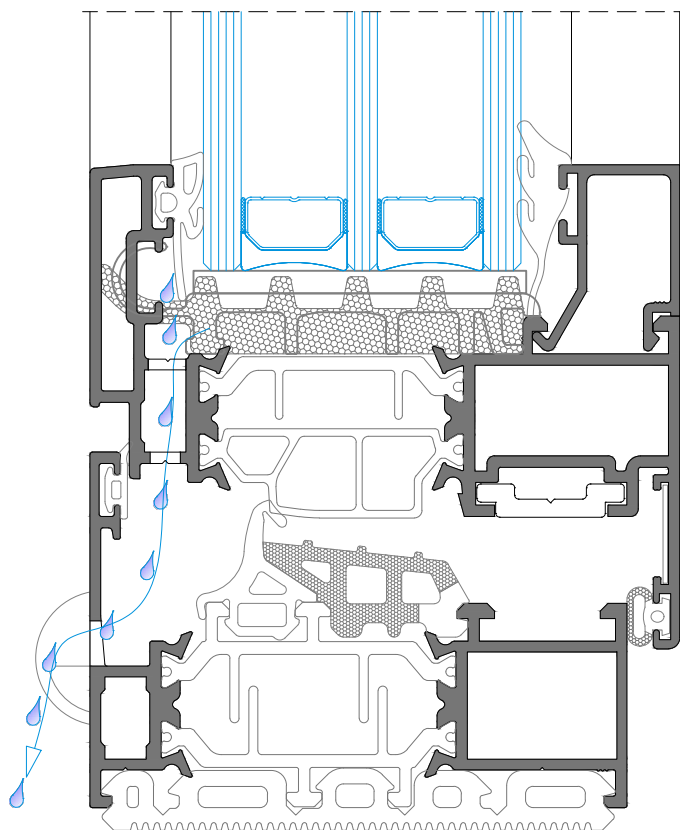
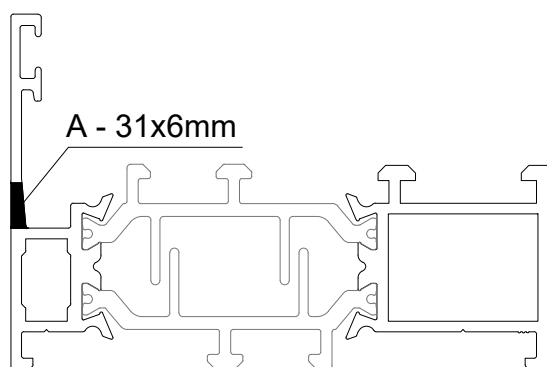
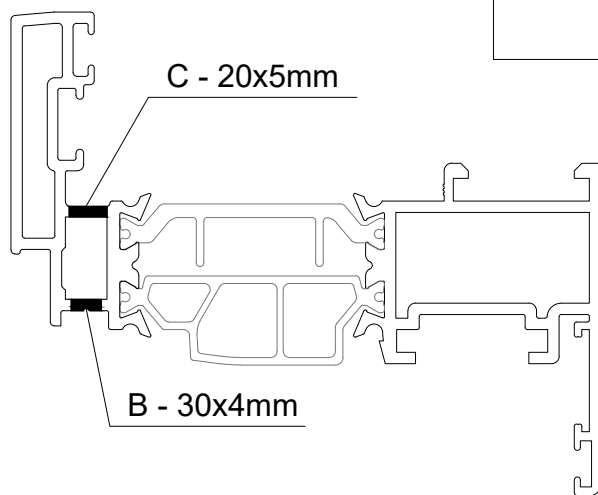
RASGOS PARA DRENAGEM E DESCOMPRESSÃO

HOLES FOR DRAINAGE AND DECOMPRESSION | FENTES POUR DRAINAGE ET DÉCOMPRESSION



LEGENDA

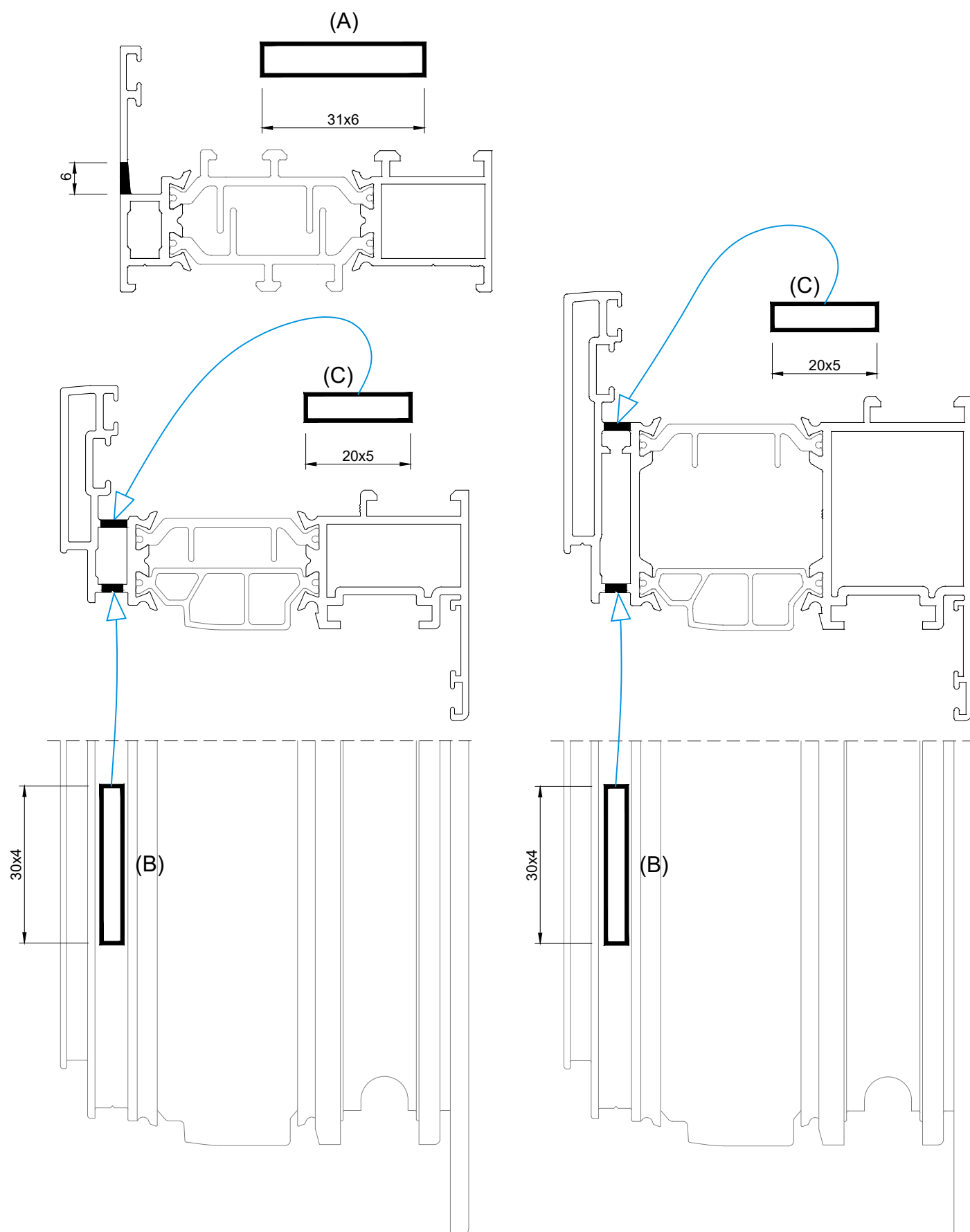
-  **A - RASGOS 31x6mm PARA DRENAGEM**
DRAINAGE HOLES | FENTE DE DRAINAGE
-  **B - RASGO 30x4mm PARA VENTILAÇÃO e DRENAGEM**
DRAINAGE and VENTILATION HOLES
FENTE DE DRAINAGE et VENTILATION
-  **C - RASGO 20x5mm PARA VENTILAÇÃO e DRENAGEM**
DRAINAGE and VENTILATION HOLES
FENTE DE DRAINAGE et VENTILATION



MAQUINAÇÃO DOS PERFIS - Aros fixos e móveis

PROFILES MACHINING - Fixed and mobile frames | USINAGE DES PROFILÉS - Cadres dormants et ouvrants

- PARA DRENAGEM E VENTILAÇÃO
FOR DRAINAGE AND VENTILATION | POUR DRAINAGE ET VENTILATION

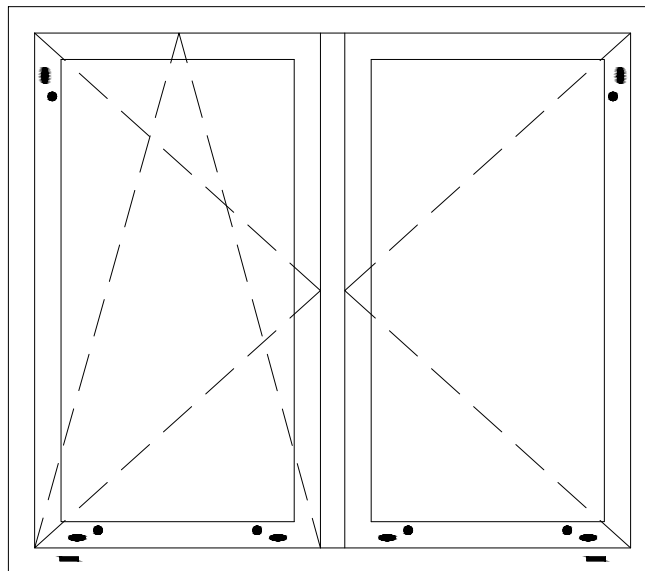


MAQUINAÇÃO DOS PERFIS - Aros fixos e móveis ST-Ocultá

PROFILES MACHINING - Fixed and ST-Concealed mobile frames | USINAGE DES PROFILÉS - Cadres dormants et ouvrants ST-Cachée

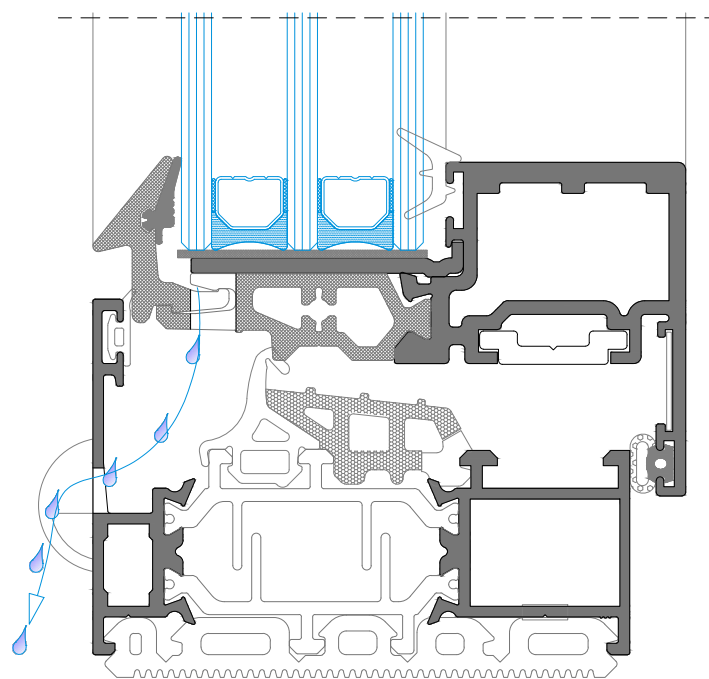
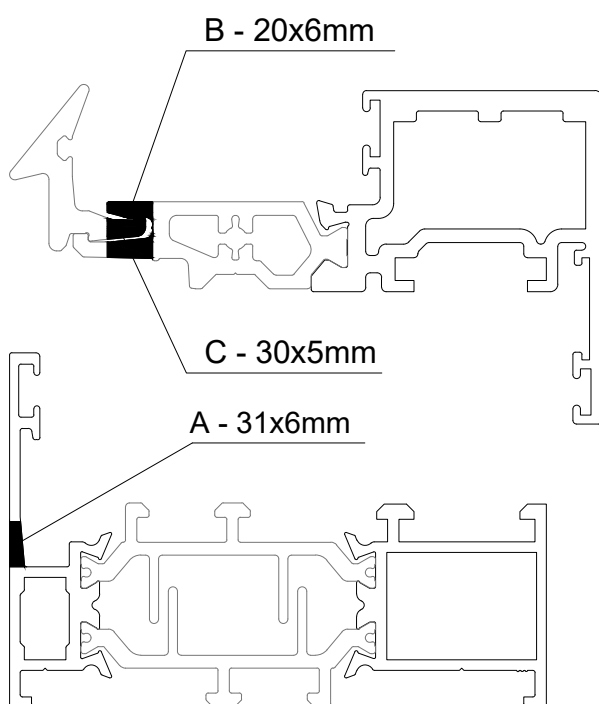
RASGOS PARA DRENAGEM E DESCOMPRESSÃO

HOLES FOR DRAINAGE AND DECOMPRESSION | FENTES POUR DRAINAGE ET DÉCOMPRESSION



LEGENDA

-  **A - RASGOS 31x6mm PARA DRENAGEM**
DRAINAGE HOLES | FENTE DE DRAINAGE
-  **B - RASGO 20x6mm PARA VENTILAÇÃO e DRENAGEM**
DRAINAGE and VENTILATION HOLES
FENTE DE DRAINAGE et VENTILATION
-  **C - RASGO 30x5mm PARA VENTILAÇÃO e DRENAGEM**
DRAINAGE and VENTILATION HOLES
FENTE DE DRAINAGE et VENTILATION



MONTAGEM DOS PERFIS
PROFILES ASSEMBLY
ASSEMBLAGE DES PROFILÉS

MONTAGEM DOS ESQUADROS - AROS FIXOS
BLOCKING BRACKETS ASSEMBLY - FIXED FRAMES
ASSEMBLAGE DES ÉQUERRES - CADRES DORMANTS

APLICAÇÃO DOS VEDANTES - AROS FIXOS
SEALANTS ASSEMBLY - FIXED FRAMES
ASSEMBLAGE DES JOINTS - CADRES DORMANTS

MONTAGEM DOS ESQUADROS - AROS MÓVEIS
BLOCKING BRACKETS ASSEMBLY - MOBILE FRAMES
ASSEMBLAGE DES ÉQUERRES - CADRES OUVRANTS

MONTAGEM DO PERFIL INVERSOR
INVERTER PROFILE ASSEMBLY
ASSEMBLAGE DU MENEAU CENTRAL

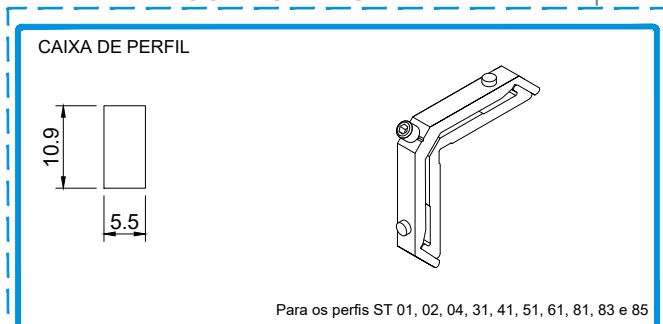
MONTAGEM DOS TOPOS INVERSORES
INVERTER END-CAP ASSEMBLY
ASSEMBLAGE DES EMBOUTS DES MENEUX CENTRAUX

MONTAGEM DOS PERFIS

PROFILES ASSEMBLY | ASSEMBLAGE DES PROFILÉS

MONTAGEM DOS ESQUADROS

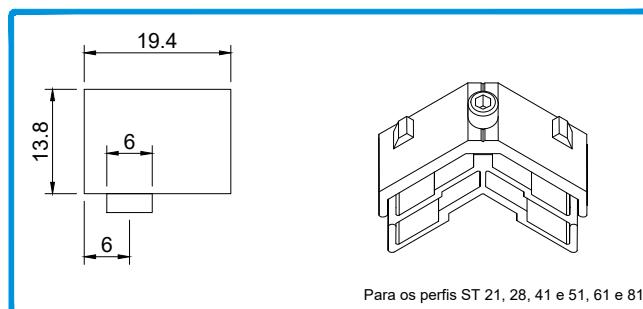
BLOCKING BRACKETS ASSEMBLY | ASSEMBLAGE DES ÉQUERRES



204150

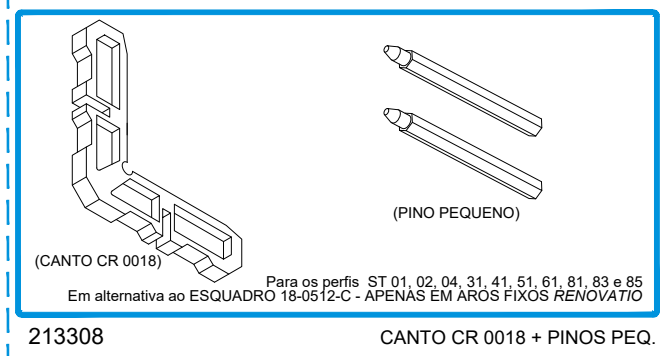
OU | OR | OU

ESQUADRO 18-0512-C



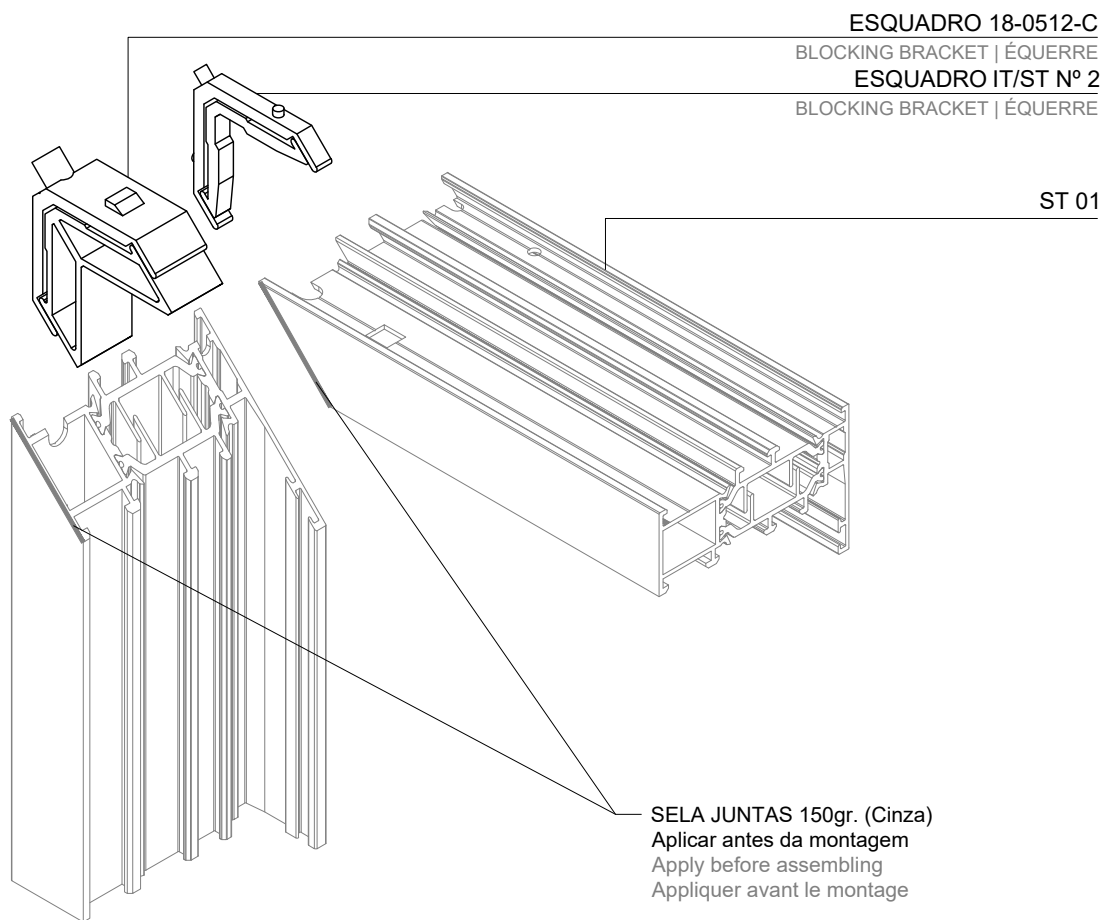
204138

ESQUADRO IT/ST Nº 2 16-1914-D



213308

CANTO CR 0018 + PINOS PEQ.

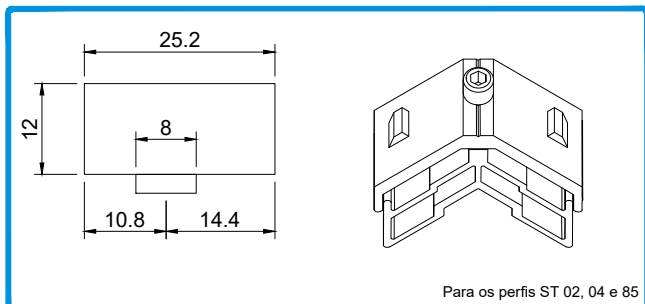


MONTAGEM DOS PERFIS

PROFILES ASSEMBLY | ASSEMBLAGE DES PROFILÉS

MONTAGEM DOS ESQUADROS

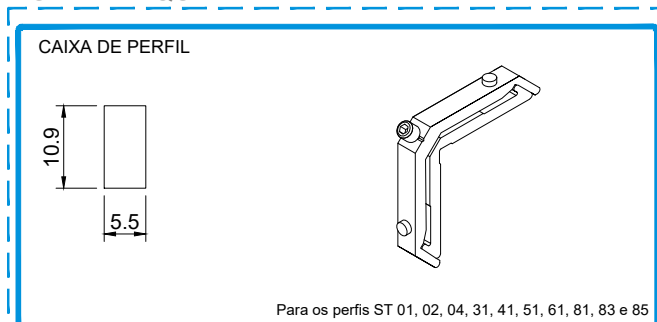
BLOCKING BRACKETS ASSEMBLY | ASSEMBLAGE DES ÉQUERRES



Para os perfis ST 02, 04 e 85

204142

ESQUADRO IT/ST Nº5 18-2512-140

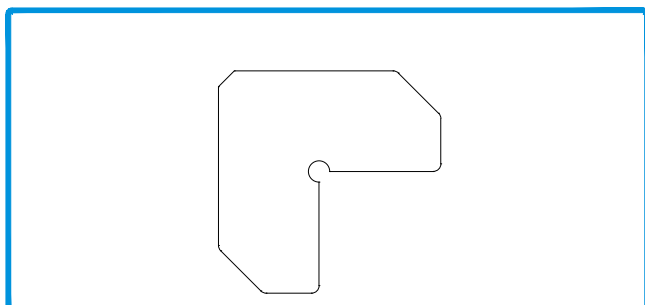


Para os perfis ST 01, 02, 04, 31, 41, 51, 61, 81, 83 e 85

204150

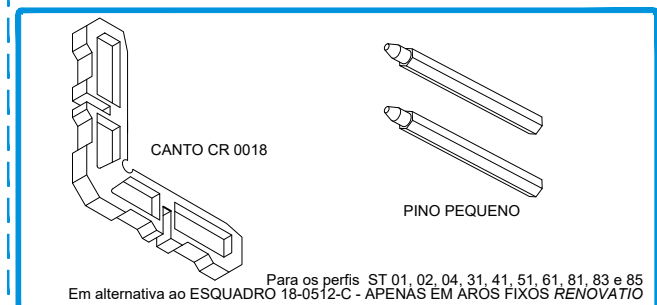
OU | OR | OU

ESQUADRO 18-0512-C



213261

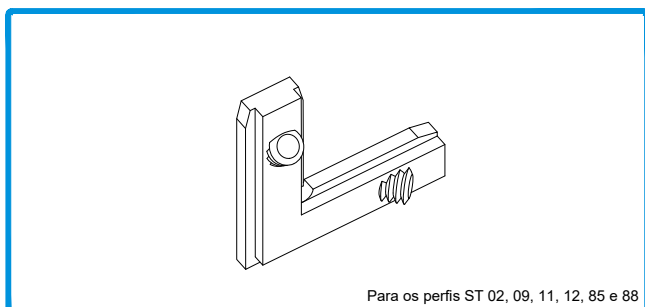
CANTO ALINH. S IT/ST



Para os perfis ST 01, 02, 04, 31, 41, 51, 61, 81, 83 e 85
Em alternativa ao ESQUADRO 18-0512-C - APENAS EM AROS FIXOS RENOVATIO

213308

CANTO CR 0018 + PINOS PEQ.

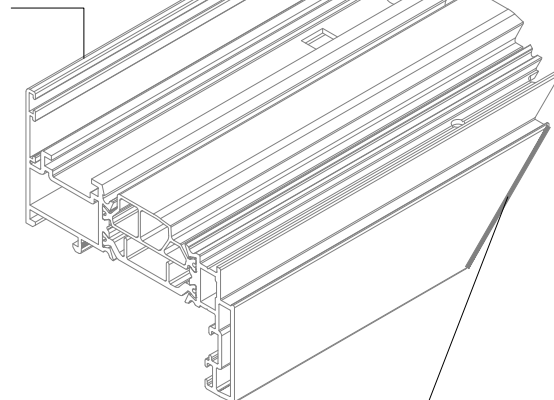


Para os perfis ST 02, 09, 11, 12, 85 e 88

204131

ESQUADRO DE ALINHAMENTO C/ APERTO

ST 02



SELA JUNTAS 150gr. (Cinza)
Aplicar antes da montagem
Sealant - Apply before assembling
Scellant - Appliquer avant le montage



CANTO S IT/ST
ANGLE | COIN
ESQUADRO IT/ST Nº 5
BLOCKING BRACKET | ÉQUERRE

ESQUADRO
18-0512-C
BLOCKING BRACKET
ÉQUERRE

ESQUADRO
ALINHAMENTO C/
APERTO
BLOCKING BRACKET
ÉQUERRE

MONTAGEM DOS PERFIS

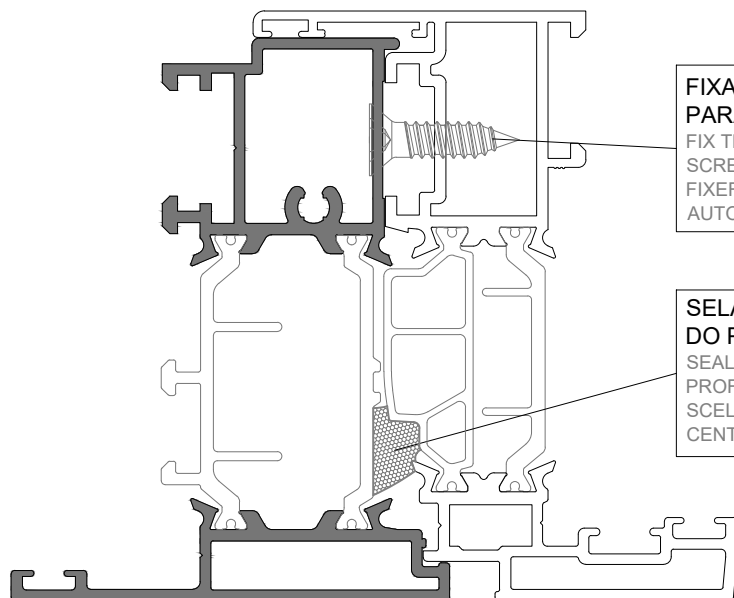
PROFILES ASSEMBLY | ASSEMBLAGE DES PROFILÉS

MONTAGEM DO PERFIL INVERTOR

INVERTER PROFILE ASSEMBLY | ASSEMBLAGE DU MENEAU CENTRAL

MONTAGEM DOS TOPOS INVERSORES

INVERTER END-CAP ASSEMBLY | ASSEMBLAGE DES EMBOUTS DES MENEAUX CENTRAUX



FIXAR O PERFIL INVERTOR À FOLHA ATRAVÉS DE PARAFUSOS AUTOROSCANTES

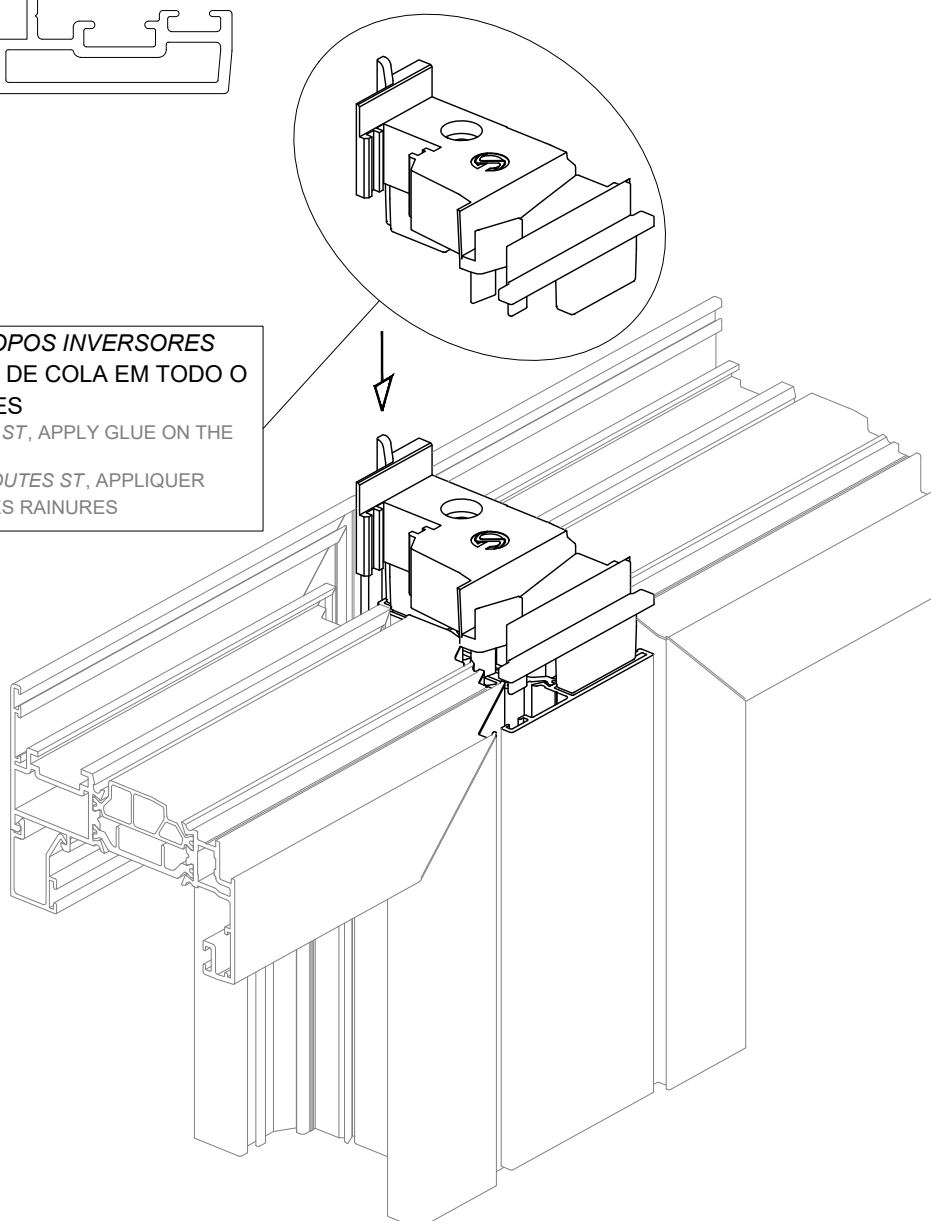
FIX THE INVERTER PROFILE TO THE MOBILE FRAME WITH SELF-TAPPING SCREW
FIXER LE MENEAU CENTRAL AU CADRE DORMANT AVEC VIS AUTOTARAUDEUSE

SELAR COM SILICONE NEUTRO EM TODA O COMPRIMENTO DO PERFIL INVERTOR

SEAL WITH NEUTRAL SILICONE THE WHOLE LENGTH OF THE INVERTER PROFILE
SCELLER AVEC SILICONE NEUTRE TOUTS LE LONGUEUR DU MENEAU CENTRAL

ANTES DE APLICAR OS TOPOS INVERSORES ST, APLICAR UM CORDÃO DE COLA EM TODO O PERÍMETRO DOS ENCAIXES

BEFORE APPLY THE END-CAPS ST, APPLY GLUE ON THE PERIMETER FITTINGS
AVANT D'APPLIQUER LES EMBOUTES ST, APPLIQUER COLLE DANS LE PÉRIMÈTRE DES RAINURES



APLICAÇÃO DOS VEDANTES

SEALENTS ASSEMBLY | ASSEMBLAGE DES JOINTS

APLICAR O CANTO VULCANIZADO EM TODAS AS ESQUADRIAS

APPLY THE CORNER IN ALL MITERS

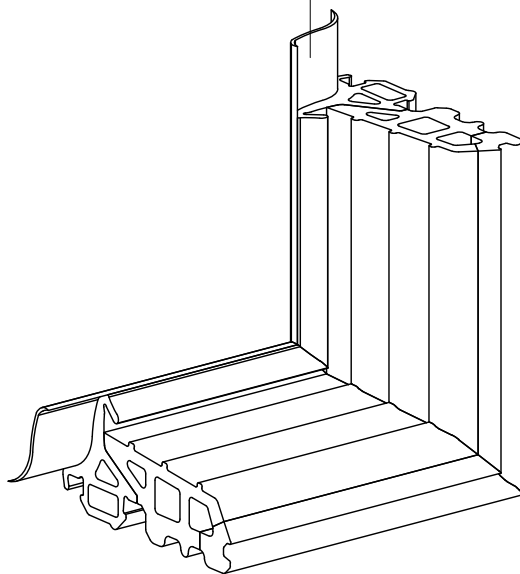
APPLIQUER LE COIN EN TOUTS LES CHANFRAINES

PARA UMA VEDAÇÃO PERFEITA, COLAR A JUNTA 2105N COM COLA *MAGMONT R-100* (OU EQUIVALENTE).

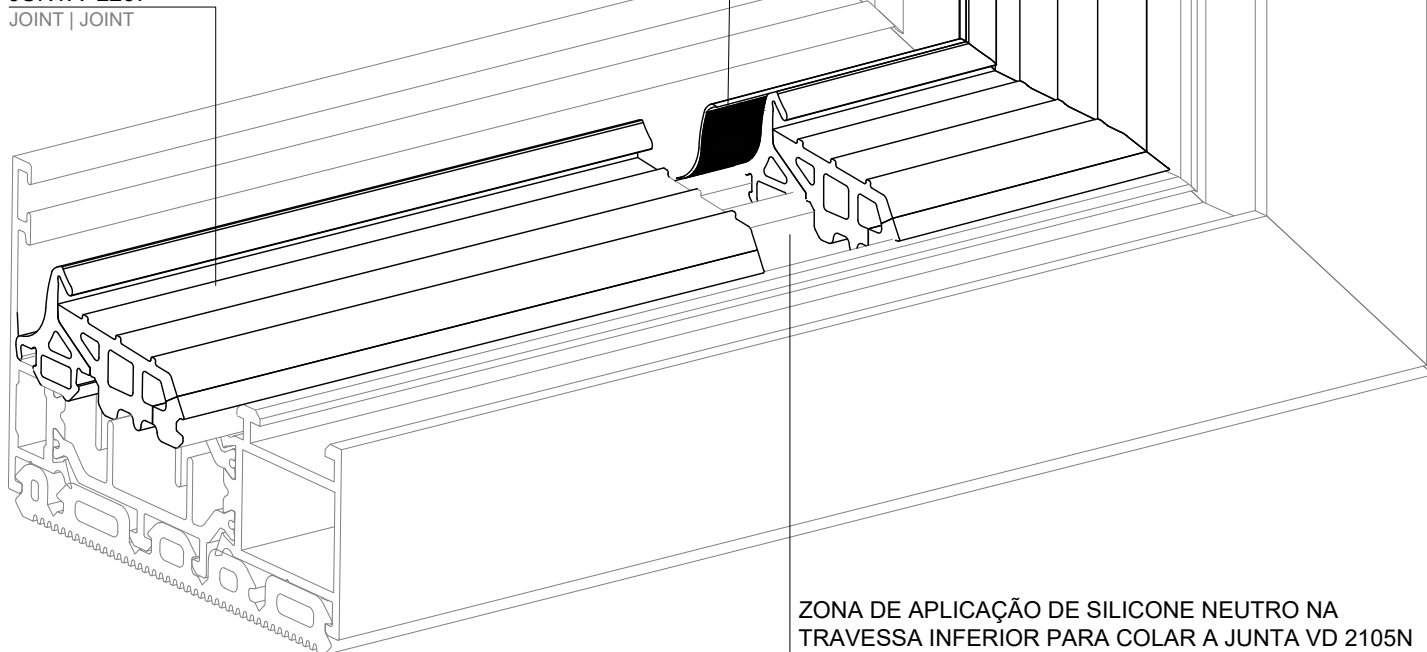
FOR A PERFECT SEAL, GLUE THE 2105N JOINT WITH *MAGMONT R-100* GLUE (OR SIMILAR)

POUR UNE SCELLAGE PARFAIT, COLLER LE JOINT 2105N AVEC COLLE *MAGMONT R-100* (OU SIMILAIRE)

CANTO 2267.1
CORNER | COIN



JUNTA 2267
JOINT | JOINT



ZONA DE APLICAÇÃO DE SILICONE NEUTRO NA TRAVESSA INFERIOR PARA COLAR A JUNTA VD 2105N

AREA OF APPLICATION OF NEUTRAL SILICONE ON THE INFERIOR TRANSOM TO GLUE THE JOINT VD 2105N

ZONE D'APPLICATION DE SILICONE NEUTRE DANS LE TRAVERSE INFÉRIEUR POUR COLLER LE JOINT VD 2105N

MONTAGEM DAS FERRAGENS E ACESSÓRIOS
ASSEMBLY OF HARDWARE AND ACCESSORIES
ASSEMBLAGE DES FERRURES ET DES ACCESSOIRES

FERRAGEM PARA OSCILO-BATENTE **RIBANTA 5** - MÁXIMO DE 170Kg - MANOBRA TRADICIONAL
TILT AND TURN HARDWARE **RIBANTA 5**- 170Kg MAXIMUM - TRADITIONAL MANOEUVRE
FERRURE OSCILLO-BATTANT **RIBANTA 5** - MAXIMUM 170Kg - MANOEUVRE TRADITIONNELLE

FERRAGEM PARA OSCILO-BATENTE **RIBANTA 3** - MÁXIMO DE 150Kg - MANOBRA TRADICIONAL
TILT AND TURN HARDWARE **RIBANTA 3**- 150Kg MAXIMUM - TRADITIONAL MANOEUVRE
FERRURE OSCILLO-BATTANT **RIBANTA 3** - MAXIMUM 150Kg - MANOEUVRE TRADITIONNELLE

FERRAGEM PARA OSCILO-BATENTE **SECRET** - MÁXIMO DE 120Kg
SECRET TIL-AND-TURN HARDWARE - 120Kg MAXIMUM
FERRURE OSCILLO-BATTANT **SECRET** - MAXIMUM 120Kg

APLICAÇÃO DO SEQUENCIADOR DE MANOBRA LÓGICA
TILT-BEFORE-TURN SEQUENCER APPLICATION | APPLICATION DE SÉQUENCEUR DE MANOEUVRE LOGIQUE

FERRAGEM PARA OSCILO-BATENTE **SOSOARES** - KIT OSCIOBATENTE OBS1 SEM CREMONE
SOSOARES TIL-AND-TURN HARDWARE - OBS1 TILT-AND-TURN KIT WITHOUT HANDLE
FERRURE OSCILLO-BATTANT **SOSOARES** - KIT OSCILO-BATTANT SANS CRÉMONE

FERRAGEM PARA OSCILO-BATENTE **SOSOARES** - MÁXIMO DE 130Kg - MANOBRA TRADICIONAL
SOSOARES TIL-AND-TURN HARDWARE - 130Kg MAXIMUM - TRADITIONAL MANOEUVRE
FERRURE OSCILLO-BATTANT **SOSOARES** - MAXIMUM 130Kg - MANOEUVRE TRADITIONNELLE

MAQUINAÇÃO PARA MECANISMO MONO 90 EXT 0507177 - JANELAS DE BATENTE
TRANSMISSION BOX 90° EXT 0507177 MACHINING - CASEMENT OPENING | USINAGE DU BOÎTE DE
TRANSMISSION 90° EXT 0507177 - FENÊTRE À BATTANT

MAQUINAÇÃO PARA MECANISMO MONO 180 EXT 0507178 - JANELAS DE BATENTE OU OSCILO-BATENTE
TRANSMISSION BOX 180 EXT 0507178 MACHINING - CASEMENT OR TILT-AND-TURN OPENING
USINAGE DU BOÎTE DE TRANSMISSION 180 EXT 0507178 - FENÊTRE À BATTANT OU OSCILO-BATTANT

KIT FIXAÇÃO PARA ACIONADORES
BRACKET KIT FOR CHAIN ACTUATORS | KIT ETRIERES POUR BOÎTIER A CHAINE

MAQUINAÇÕES PARA MANETE MINIMALISTA CUBIC
MINIMALIST HANDLE CUBIC MACHINING | USINAGE DE LA CRÉMONE MINIMALISTE CUBIC

MAQUINAÇÕES PARA CREMONE OSCILO-BATENTE CUBIC
TILT-AND-TURN CUBIC HANDLE MACHINING | USINAGE DE LA CRÉMONE OSCILO-BATTANT CUBIC

MAQUINAÇÕES PARA CREMONES BATENTE **SOSOARES**
CASEMENT **SOSOARES** HANDLES MACHINING | USINAGE DES CRÉMONES BATTANT **SOSOARES**

DOBRADIÇAS DE PORTA 2 LEMES COM AFINAÇÃO 3D
DOOR HINGES WITH 2 LEAVES WITH 3D TUNING | PAUMELLES DE PORTE À DEUX LAMES DE RÉGLAGE

ESQUEMA DE APLICAÇÃO DO COMPASSO 18012 NOS PERFIS IT83 e IT12
ARM 18012 APPLICATION DIAGRAM ON IT 83 AND IT 12 PROFILES | DIAGRAMME D'APPLICATION DU
COMPAS 18012 DANS LES PROFILÉS IT 83 ET IT 12

COLOCAÇÃO DOS VIDROS NO CAIXILHO
GLAZING PLACEMENT IN FRAME | MISE DES VERRRES DANS LE CHÂSSIS

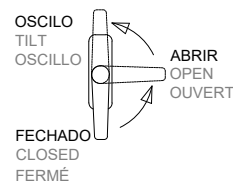
FIXAÇÃO DOS CAIXILHOS EM OBRA
FRAMES FIXING | FIXATION DES CHÂSSIS

FERRAGEM PARA OSCILO-BATENTE RIBANTA 5 - MÁXIMO DE 170Kg - MANOBRA TRADICIONAL
TILT AND TURN HARDWARE RIBANTA 5 - 170Kg MAXIMUM - TRADITIONAL MANOEUVRE
FERRURE OSCILLO-BATTANT RIBANTA 5 - MAXIMUM 170Kg - MANOEUVRE TRADITIONNELLE

ENCAIXE FRONTAL - SEM MAQUINAÇÃO - SEM MEDIÇÕES

FRONTALLY APPLIED - NO MACHINING - NO MEASURES

APPLIQUÉ FRONTALEMENT - AUCUN USINAGE - AUCUNE MESURE



FOLHA ATIVA - PESO MÁXIMO: 110Kg *

ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL DE SERVICE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	700 - 1400		1401-2700	
		4 PONTOS 360-509	6 PONTOS 360-509	4 PONTOS 360-509	6 PONTOS 360-509
299036	CARTÃO BASE 3200.2L R5 ESQUERDO ou or ou		1		
299037	CARTÃO BASE 3200.2R R5 DIREITO			1	
222123	JOGO DOBRADIÇAS 3200.709 RB5 110Kg		1		
202043	COMPASSO CURTO 3200-750L RB5 ESQ. ou or ou		1		
202044	COMPASSO CURTO 3200-750R RB5 DIR.			1	
211024	PONTOS DE FECHO EXTRA 3200.820L VERT. RB5 ESQ. ou or ou				1
211025	PONTOS DE FECHO EXTRA 3200.820R VERT. RB5 DIR.				1
200798	MANETE MINIMALISTA CUBIC		1		
203017	CAIXA TRANSMISSÃO + MECANISMO BASE			1	
212220	CONJUNTO GABARITOS 3200.950 (facultativo)		1		

FOLHA ATIVA - PESO MÁXIMO: 110Kg *

ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL DE SERVICE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	700 - 1400		1401-2700	
		4 PONTOS 510-794	6 PONTOS 510-794	4 PONTOS 510-794	6 PONTOS 510-794
299036	CARTÃO BASE 3200.2L R5 ESQUERDO ou or ou		1		
299037	CARTÃO BASE 3200.2R R5 DIREITO			1	
222123	JOGO DOBRADIÇAS 3200.709 RB5 110Kg		1		
202041	COMPASSO STANDARD 3200-751L RB5 ESQ. ou or ou		1		
202042	COMPASSO STANDARD 3200-751R RB5 DIR.			1	
211024	PONTOS DE FECHO EXTRA 3200.820L VERT. RB5 ESQ. ou or ou				1
211025	PONTOS DE FECHO EXTRA 3200.820R VERT. RB5 DIR.				1
200798	MANETE MINIMALISTA CUBIC		1		
203017	CAIXA TRANSMISSÃO + MECANISMO BASE			1	
212220	CONJUNTO GABARITOS 3200.950 (facultativo)		1		

FOLHA ATIVA - PESO MÁXIMO: 110Kg *

ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL DE SERVICE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	700 - 1400		1401-2700	
		4 PONTOS 795-1200	6 PONTOS 795-1200	4 PONTOS 795-1200	6 PONTOS 795-1200
299036	CARTÃO BASE 3200.2L R5 ESQUERDO ou or ou		1		
299037	CARTÃO BASE 3200.2R R5 DIREITO			1	
222123	JOGO DOBRADIÇAS 3200.709 RB5 110Kg		1		
202045	COMPASSO GRANDE 3200-752L RB5 ESQ. ou or ou		1		
202046	COMPASSO GRANDE 3200-752R RB5 DIR.			1	
211024	PONTOS DE FECHO EXTRA 3200.820L VERT. RB5 ESQ. ou or ou				1
211025	PONTOS DE FECHO EXTRA 3200.820R VERT. RB5 DIR.				1
200798	MANETE MINIMALISTA CUBIC		1		
203017	CAIXA TRANSMISSÃO + MECANISMO BASE			1	
212220	CONJUNTO GABARITOS 3200.950 (facultativo)		1		

FOLHA ATIVA - PESO MÁXIMO: 110Kg *

ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL DE SERVICE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	700 - 1400		1401-2700	
		4 PONTOS 1201-1400	6 PONTOS 1201-1400	4 PONTOS 1201-1400	6 PONTOS 1201-1400
299036	CARTÃO BASE 3200.2L R5 ESQUERDO ou or ou		1		
299037	CARTÃO BASE 3200.2R R5 DIREITO			1	
222123	JOGO DOBRADIÇAS 3200.709 RB5 110Kg		1		
202045	COMPASSO GRANDE 3200-752L RB5 ESQ. ou or ou		1		
202046	COMPASSO GRANDE 3200-752R RB5 DIR.			1	
202047	COMPASSO SUPL. 3200-800L HOR. RB5 ESQ. ou or ou		1		
202048	COMPASSO SUPL. 3200-800R HOR. RB5 DIR.			1	
211024	PONTOS DE FECHO EXTRA 3200.820L VERT. RB5 ESQ. ou or ou				1
211025	PONTOS DE FECHO EXTRA 3200.820R VERT. RB5 DIR.				1
200798	MANETE MINIMALISTA CUBIC		1		
203017	CAIXA TRANSMISSÃO + MECANISMO BASE			1	
212220	CONJUNTO GABARITOS 3200.950 (facultativo)		1		

FOLHA ATIVA - PESO MÁXIMO: 110Kg *

ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL DE SERVICE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	1401-2700	
		8 PONTOS 1401-1700	8 PONTOS 1401-1700
299036	CARTÃO BASE 3200.2L R5 ESQUERDO ou or ou		1
299037	CARTÃO BASE 3200.2R R5 DIREITO		
222123	JOGO DOBRADIÇAS 3200.709 RB5 110Kg		1
202045	COMPASSO GRANDE 3200-752L RB5 ESQ. ou or ou		1
202046	COMPASSO GRANDE 3200-752R RB5 DIR.		
202047	COMPASSO SUPL. 3200-800L HOR. RB5 ESQ. ou or ou		1
202048	COMPASSO SUPL. 3200-800R HOR. RB5 DIR.		
211024	PONTOS DE FECHO EXTRA 3200.820L VERT. RB5 ESQ. ou or ou		1
211025	PONTOS DE FECHO EXTRA 3200.820R VERT. RB5 DIR.		
211022	PONTOS DE FECHO EXTRA 3200.825L HORIZ. RB5 ESQ. ou or ou		1
211023	PONTOS DE FECHO EXTRA 3200.825R HORIZ. RB5 DIR.		
200798	MANETE MINIMALISTA CUBIC		1
203017	CAIXA TRANSMISSÃO + MECANISMO BASE		
212220	CONJUNTO GABARITOS 3200.950 (facultativo)		1

FOLHA PASSIVA - PESO MÁXIMO: 110Kg

NON-ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL SEMI-FIXE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	600-1400		1401-2700	
		2 PONTOS	3 PONTOS	2 PONTOS	3 PONTOS
223023	KIT 2ª FOLHA F32830L.92 RB5 ESQ.			1	
223024	KIT 2ª FOLHA F32830R.92 RB5 DIR.				1
201044	FECHO SUPLEMENTAR 1246.832W RB5				1
* EM ALTERNATIVA:					
223025	KIT 2ª FOLHA BIDIRECIONAL F32831L.92 RB5 ESQ. ou or ou				1
223026	KIT 2ª FOLHA BIDIRECIONAL F32831R.92 RB5 DIR.				1

FOLHA PASSIVA - PESO MÁXIMO: 140Kg

NON-ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL SEMI-FIXE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION		
		230312	SUPORTE INF. DE DOBRADIÇAS 3200.710L RB5 ESQ. ou or ou
230313	SUPORTE INF. DE DOBRADIÇAS 3200.710R RB5 DIR.		
222123	JOGO DE DOBRADIÇAS 3200.709L RB5 110Kg		1
230310	SUPORTE SUP. DE DOBRADIÇAS 3200.840L RB5 ESQ. ou or ou		1
230311	SUPORTE SUP. DE DOBRADIÇAS 3200.840R RB5 DIR.		
299038	REFORÇO DE DOBRADIÇAS PARA 140Kg 3200.708L RB5 ESQ. ou or ou		1
299039	REFORÇO DE DOBRADIÇAS PARA 140Kg 3200.708R RB5 DIR.		

FOLHA PASSIVA - PESO MÁXIMO: 170Kg

NON-ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL SEMI-FIXE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION		
		222106	JOGO DE DOBRADIÇAS 3200.701 RB5 170Kg
230310	SUPORTE SUP. DE DOBRADIÇAS 3200.840L RB5 ESQ. ou or ou		1
230311	SUPORTE SUP. DE DOBRADIÇAS 3200.840R RB5 DIR.		
230342	SUPORTE DE DOBRADIÇAS 3200.700L 170Kg RB5 ESQ. ou or ou		1
230343	SUPORTE DE DOBRADIÇAS 3200.700R 170Kg RB5 DIR.		

* Para vãos com peso entre 110Kg e 140Kg, acrescentar a cada composição:

For weights between 110Kg and 140Kg, add to each composition:

Pour des poids entre 110 Kg et 140 Kg, ajouter à chaque composition:

299038 REFORÇO DE DOBRADIÇA PARA 140Kg 3200.708L RB5 ESQ

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

Para vãos com peso entre 140Kg até 170Kg, substituir as dobradiças por:

For weights between 140 kg and 170 kg, replace the hinges with:

Pour les poids entre 140 kg et 170 kg, remplacez les paumelles par:

222106 JOGO DE DOBRADIÇAS 3200.701 RB5 170Kg

230342 SUPORTE DE DOBRADIÇA 3200.700L RB5 170Kg ESQ.


230343 SUPORTE DE DOBRADIÇA 3200.700R RB5 170Kg DIR.

SOLICITAR O SEU MAPA DE MONTAGEM

ASK YOUR ASSEMBLY CARD | DEMANDEZ VOTRE CARTE DE MONTAGE


DIAGRAMA DE PESOS - FERRAGEM PARA OSCILO-BATENTE **RIBANTA 5**
WEIGHT DIAGRAM - CONCEALED TIL AND TURN HARDWARE **RIBANTA 5**
SCHÉMA DE CHARGES - FERRURE OSCILLO-BATTANT CACHÉ **RIBANTA 5**

Peso máximo da folha = 110 Kg
Leaf maximum weight
Poids maximale par vantail




2700	●	42	37	37	29	25	22	21	19	16	15	13	12	11	10	10	9
2600	●	44	39	36	31	26	22	22	19	17	15	14	13	12	11	10	9
2500	●	46	40	40	32	27	23	23	20	18	16	15	13	12	11	11	10
2400	●	48	42	42	34	28	25	25	21	19	17	15	14	13	12	11	10
2300	●	44	44	35	29	26	26	22	20	18	16	15	13	12	12	11	11
2200	●	47	46	37	31	27	27	23	21	19	17	15	14	13	12	11	11
2100	●	48	49	39	33	29	29	25	22	20	18	16	15	14	12	11	11
2000	●	●	●	41	35	30	30	26	23	21	19	17	16	14	12	11	11
1900	●	●	●	44	37	32	32	28	25	22	20	18	16	14	12	11	11
1800	●	●	●	47	39	34	34	29	26	23	21	19	16	14	12	11	11
1700	●	●	●	50	41	36	36	31	28	25	23	19	16	14	12	11	11
1600	●	●	●	44	39	39	34	30	27	23	19	16	14	12	11	11	11
1500	●	●	●	48	42	42	36	32	28	23	20	16	14	12	10	10	10
1400	●	●	●	45	45	39	35	28	23	20	16	14	12	10	10	10	10
1300	●	●	●	49	49	42	35	29	23	20	16	14	12	9	9	9	9
1200	●	●	●	●	●	45	35	29	24	20	16	13	10	7	7	7	7
1100	●	●	●	●	●	45	38	29	24	20	15	11	7	5	5	5	5
1000	●	●	●	●	●	45	38	29	24	17	12	8	5	X	X	X	X
900	●	●	●	●	●	46	38	28	19	13	8	4	X	X	X	X	X
800	●	●	●	●	●	46	34	22	13	7	X	X	X	X	X	X	X
700	●	●	●	●	●	41	25	14	6	X	X	X	X	X	X	X	X
	360	460	509	510	610	710	794	795	900	1000	1100	1200	1300	1400	1500	1600	1700

Peso máximo da folha = 140 Kg
Leaf maximum weight
Poids maximale par vantail



2700	●	●	48	48	39	32	28	28	24	22	19	18	16	15	14	13	12
2600	●	●	40	34	29	25	23	20	18	17	15	14	13	12	11	10	9
2500	●	●	42	35	31	31	27	24	21	19	17	16	15	14	13	12	11
2400	●	●	44	37	32	32	26	25	22	20	18	17	16	15	14	13	12
2300	●	●	46	38	34	34	29	26	23	21	19	18	16	15	14	13	12
2200	●	●	48	40	35	35	31	27	24	22	20	19	17	16	15	14	13
2100	●	●	42	37	37	32	29	26	23	21	20	18	17	16	15	14	13
2000	●	●	45	39	39	34	30	27	25	22	21	19	18	17	16	15	14
1900	●	●	47	42	42	36	32	29	26	24	22	20	19	17	16	15	14
1800	●	●	44	44	38	34	30	28	25	23	21	19	17	16	15	14	13
1700	●	●	47	47	41	36	32	29	27	25	22	20	19	17	16	15	14
1600	●	●	44	39	35	31	29	26	24	22	20	19	17	16	15	14	13
1500	●	●	47	42	37	34	31	26	22	19	17	16	15	14	13	12	11
1400	●	●	45	40	36	31	26	22	19	17	16	15	14	13	12	11	10
1300	●	●	49	44	37	31	26	22	19	17	16	15	14	13	12	11	10
1200	●	●	45	37	31	26	22	19	17	16	15	14	13	12	11	10	9
1100	●	●	45	37	31	26	22	18	14	14	13	12	11	10	9	8	7
1000	●	●	45	37	31	26	20	16	12	12	11	10	9	8	7	6	5
900	●	●	45	37	30	23	17	12	9	8	7	6	5	4	3	2	1
800	●	●	46	34	25	18	12	8	5	4	3	2	1	X	X	X	X
700	●	●	39	27	18	11	6	X	X	X	X	X	X	X	X	X	X
	360	460	509	510	610	710	794	795	900	1000	1100	1200	1300	1400	1500	1600	1700

Peso máximo da folha = 170 Kg
Leaf maximum weight
Poids maximale par vantail



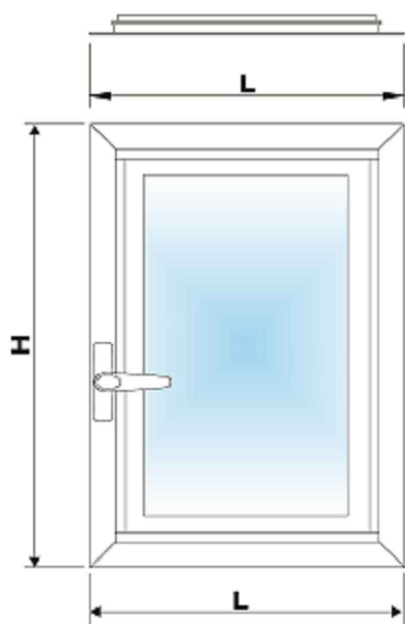
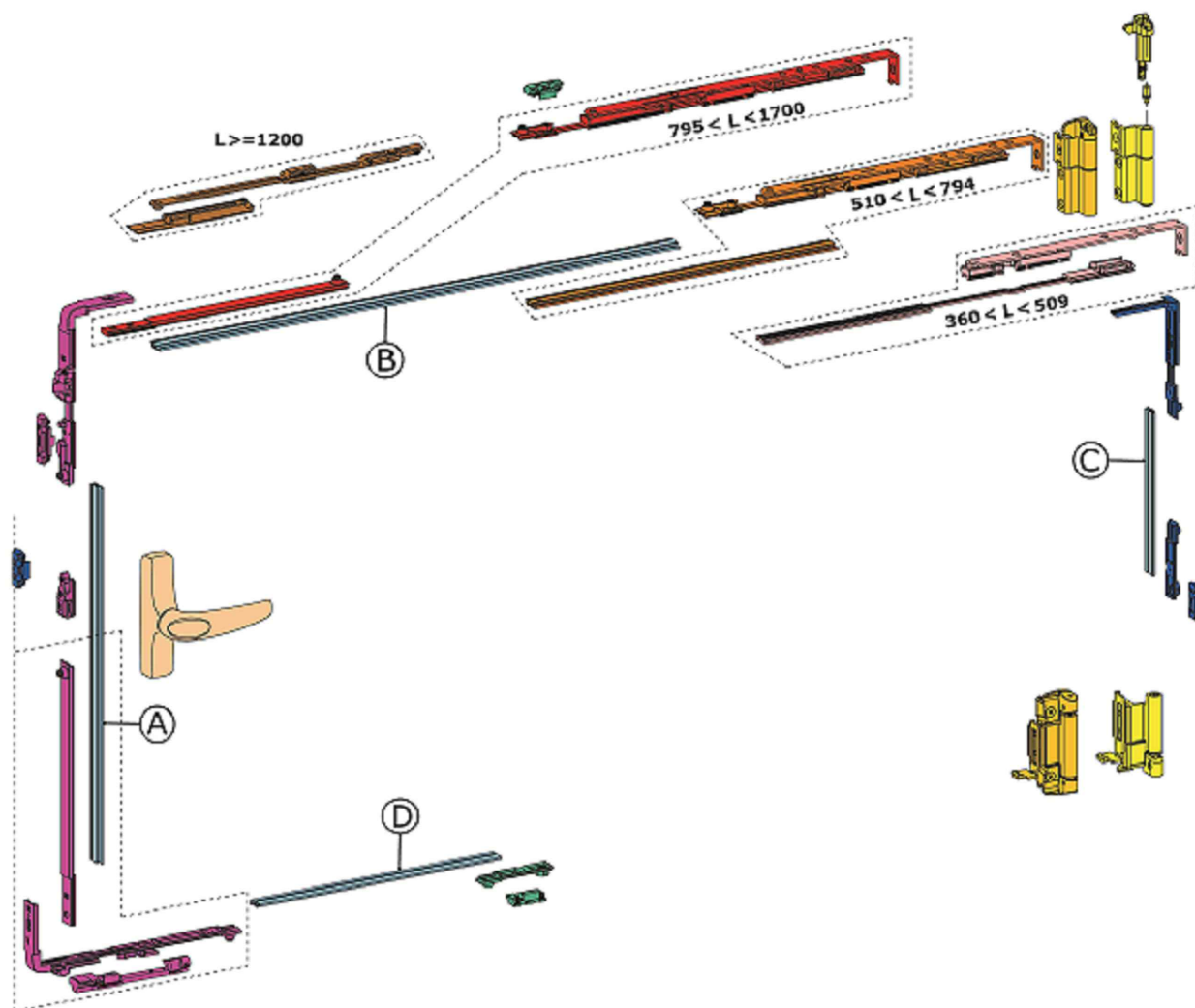
2700	●	●	●	48	40	35	30	27	24	22	20	18	17	16	15	14	13
2600	●	●	●	50	41	36	31	28	25	23	21	19	18	16	15	14	13
2500	●	●	●	43	38	33	29	26	24	22	20	18	17	16	15	14	13
2400	●	●	●	45	40	40	34	30	27	25	23	21	19	18	17	16	15
2300	●	●	●	47	42	41	36	32	29	26	24	22	20	19	17	16	15
2200	●	●	●	50	44	44	38	33	30	27	25	23	21	19	17	16	15
2100	●	●	●	46	46	40	35	32	29	26	24	22	20	19	17	16	15
2000	●	●	●	48	48	42	37	33	30	28	25	22	20	19	17	16	15
1900	●	●	●	44	39	35	32	29	26	24	22	20	19	17	16	15	14
1800	●	●	●	47	42	37	34	30	26	22	19	17	16	15	14	13	12
1700	●	●	●	44	40	36	30	26	22	19	17	16	15	14	13	12	11
1600	●	●	●	48	43	36	30	26	22	19	17	16	15	14	13	12	11
1500	●	●	●	44	36	31	26	22	19	17	16	15	14	13	12	11	10
1400	●	●	●	44	36	31	26	22	19	17	16	15	14	13	12	11	10
1300	●	●	●	44	37	31	26	22	19	17	16	15	14	13	12	11	10
1200	●	●	●	45	37	31	26	22	19	17	16	15	14	13	12	11	10
1100	●	●	●	45	37	31	26	22	18	14	14	13	12	11	10	9	8
1000	●	●	●	45	37	31	26	20	16	12	12	11	10	9	8	7	6
900	●	●	●	45	37	30	23	17	12	9	8	7	6	5	4	3	2
800	●	●	●	46	34	25	18	12	8	5	4	3	2	1	X	X	X
700	●	●	●	39	27	18	11	6	X	X	X	X	X	X	X	X	X
	360	460	509	510	610	710	794	795	900	1000	1100	1200	1300	1400	1500	1600	1700

Essesura máxima do vidro 50 mm ●
Essesura máxima do vidro aconselhada (ex. 46 mm) ●
Não realizável X

NOTA: A essesura do vidro refere-se à essesura do material sem câmara de ar.

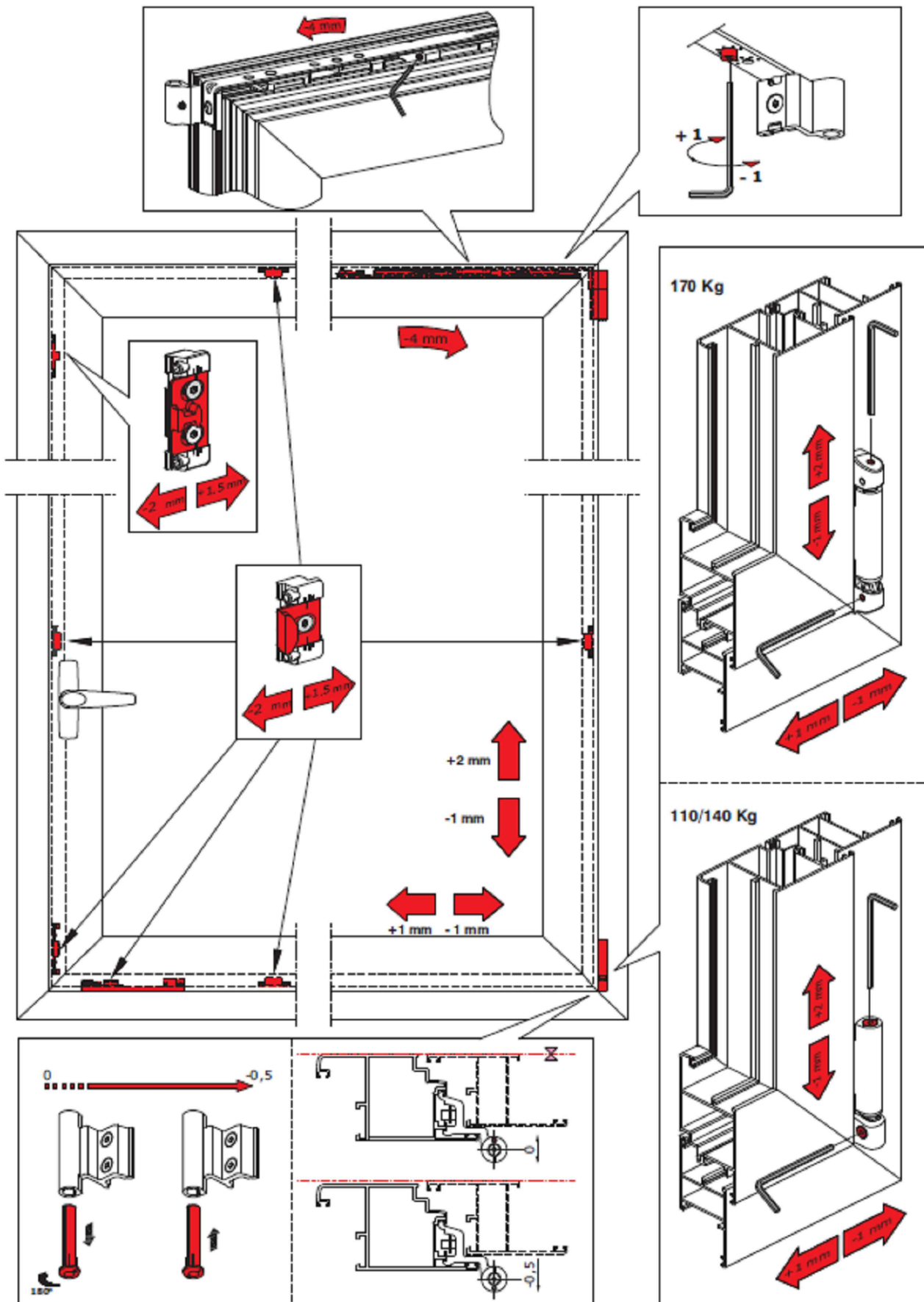
FERRAGEM PARA OSCILO-BATENTE RIBANTA 5 - MÁXIMO DE 170Kg - MANOBRA TRADICIONAL
TILT AND TURN HARDWARE RIBANTA 5 - 170Kg MAXIMUM - TRADITIONAL MANOEUVRE
FERRURE OSCILLO-BATTANT RIBANTA 5 - MAXIMUM 170Kg - MANOEUVRE TRADITIONNELLE

Esquema para seleção das varetas
Rod choice layout | Guide d'utilisation des tringles



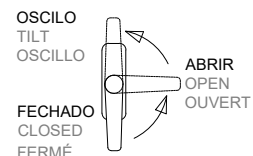
H	A mm	C mm	L	B mm	D mm
700 ÷ 899	400	/	360 ÷ 509	X	/
900 ÷ 1099	600		510 ÷ 794	X	/
1100 ÷ 1299	800	600	795 ÷ 944	250	/
1300 ÷ 1399	1000		945 ÷ 1144	400	/
1400 ÷ 1499			1145 ÷ 1199	600	/
1500 ÷ 1699	1200	800	1200 ÷ 1344	600	/
1700 ÷ 1899	1400		1345 ÷ 1544	800	400
1900 ÷ 2099	1600	1000	1545 ÷ 1700	1000	
2100 ÷ 2299	1800				
2300 ÷ 2499	2000				
2500 ÷ 2700	2200	1200			

DOBRADIÇAS PARA OSCILO-BATENTE RIBANTA 5 - MANOBRA TRADICIONAL - AFINAÇÃO
HINGES FOR TILT AND TURN RIBANTA 5 - TRADITIONAL MANOEUVRE - ADJUSTMENTS
PAUMELLES POUR OSCILLO-BATTANT RIBANTA 5 - MANOEUVRE TRADITIONNELLE - RÉGLAGES



FERRAGEM PARA OSCILO-BATENTE RIBANTA 3 - MÁXIMO DE 150Kg - MANOBRA TRADICIONAL
TILT AND TURN HARDWARE RIBANTA 3- 150Kg MAXIMUM - TRADITIONAL MANOEUVRE
FERRURE OSCILLO-BATTANT RIBANTA 3 - MAXIMUM 150Kg - MANOEUVRE TRADITIONNELLE

REGULÁVEL - ADJUSTABLE - RÉGLABLE



FOLHA ATIVA - PESO MÁXIMO: 150Kg *

ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL DE SERVICE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	600 - 1400		1401-2800	
		4 PONTOS 350 - 569		6 PONTOS 350 - 569	
223035	KIT OSC-BATENTE 3150		1		
222115	JOGO DOB. 3100.701		1		
202060	COMPASSO OSCILO CURTO 3150.752 RB3		1		
223750	KIT P/6 PONTOS DE FECHO 3000.820	-		1	
200798	MANETE MINIMALISTA CUBIC				
203017	CAIXA TRANSMISSÃO + MECANISMO BASE ou or ou		1		
200507	CREMONE OSCILOBATENTE CUBIC				
211211	GABARITO MONTAGEM 3100.950 (facultativo)		1		

FOLHA ATIVA - PESO MÁXIMO: 150Kg *

ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL DE SERVICE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	600 - 1400		1401-2800	
		4 PONTOS 570-1700		6 PONTOS 570-1700	
223035	KIT OSC-BATENTE 3150		1		
222115	JOGO DOB. 3100.701		1		
202058	COMPASSO OSCILO STANDARD 3150.750 RB3		1		
223750	KIT P/6 PONTOS DE FECHO 3000.820	-		1	
200798	MANETE MINIMALISTA CUBIC				
203017	CAIXA TRANSMISSÃO + MECANISMO BASE ou or ou		1		
200507	CREMONE OSCILOBATENTE CUBIC				
211211	GABARITO MONTAGEM 3100.950 (facultativo)		1		

FOLHA ATIVA - PESO MÁXIMO: 150Kg *

ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL DE SERVICE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	600 - 1400		1401-2800	
		4 PONTOS 1201-1400		6 PONTOS 1201-1400	
223035	KIT OSC-BATENTE 3150		1		
222115	JOGO DOB. 3100.701		1		
202058	COMPASSO OSCILO STANDARD 3150.750 RB3		1		
202068	COMPASSO SUPLEMENTAR 3100.800		1		
201463	FECHO LAT. 1243.710		1		
211524	PONTO DE FECHO 3100.821		1		
202075	CONTRA-FECHO 1243.721		2		
223750	KIT P/6 PONTOS DE FECHO 3000.820	-		1	
200798	MANETE MINIMALISTA CUBIC				
203017	CAIXA TRANSMISSÃO + MECANISMO BASE ou or ou		1		
200507	CREMONE OSCILOBATENTE CUBIC				
211211	GABARITO MONTAGEM 3100.950 (facultativo)		1		

FOLHA ATIVA - PESO MÁXIMO: 150Kg *

ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL DE SERVICE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	1401-2800	
		8 PONTOS 1401-1700	
223035	KIT OSC-BATENTE 3150		1
222115	JOGO DOB. 3100.701		1
202058	COMPASSO OSCILO STANDARD 3150.750 RB3		1
202068	COMPASSO SUPLEMENTAR 3100.800		1
201463	FECHO LAT. 1243.710		1
211524	PONTO DE FECHO 3100.821		1
202075	CONTRA-FECHO 1243.721		2
223750	KIT P/6 PONTOS DE FECHO 3000.820		1
200798	MANETE MINIMALISTA CUBIC		
203017	CAIXA TRANSMISSÃO + MECANISMO BASE ou or ou		1
200507	CREMONE OSCILOBATENTE CUBIC		
211211	GABARITO MONTAGEM 3100.950 (facultativo)		1

FOLHA PASSIVA - PESO MÁXIMO: 150Kg

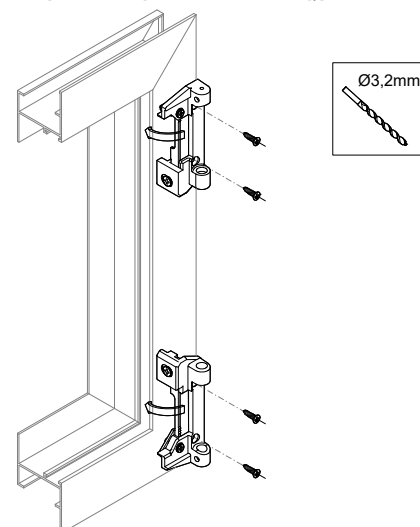
NON-ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL SEMI-FIXE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	600-1400		1401-2700	
		2 PONTOS		3 PONTOS	
223030	KIT 2ª FOLHA F31830.92 RB3 (Br./Pr.)		1		
201537	FECHO SUPLEMENTAR 1246.832	-		1	

*** PARA PESOS SUPERIORES A 100Kg E ATÉ 150Kg, DEVERÃO SER APLICADOS OS PARAFUSOS FORNECIDOS JUNTO COM AS DOBRADIÇAS**

FOR WEIGHTS OVER 100Kg AND UP TO 150Kg, THE SCREWS SUPPLIED WITH THE HINGES MUST BE APPLIED

POUR LES POIDS SUPÉRIEURS À 100Kg ET JUSQU'À 150KG, LES VIS FOURNIES AVEC LES PAUMELLES DOIVENT ÊTRE APPLIQUÉES



SOLICITAR O SEU MAPA DE MONTAGEM

ASK YOUR ASSEMBLY CARD | DEMANDEZ VOTRE CARTE DE MONTAGE

IMPORTANTE | IMPORTANT | IMPORTANT:

AS MEDIDAS MINI E MAXI PARA L/H REPORTAM-SE ÀS DIMENSÕES DA ÁREA MÓVEL DA JANELA
DISPONÍVEL DIVERSAS ALTERNATIVAS PARA FECHO
PARA MAIS INFORMAÇÕES CONSULTAR O NOSSO DEPARTAMENTO TÉCNICO

THE MINI AND MAXI MEASURES FOR L/H ARE REPORTED TO THE DIMENSIONS OF THE WINDOW MOBILE AREA
AVAILABLE DIFFERENT ALTERNATIVES FOR LOCKER
FOR MORE INFORMATION, CONSULT OUR TECHNICAL DEPARTMENT

LES MESURES MINI ET MAXI DE L/H SONT RAPPORTÉES AUX DIMENSIONS DE LA SURFACE MOBILE DE LA FENÊTRE
DIFFÉRENTES ALTERNATIVES DISPONIBLES POUR LA FERMETURE
POUR PLUS D'INFORMATIONS, MERCI DE CONSULTER NOTRE DÉPARTEMENT TECHNIQUE

DIAGRAMA DE PESOS - FERRAGEM PARA OSCILO-BATENTE **RIBANTA 3**

WEIGHT DIAGRAM - CONCEALED TIL AND TURN HARDWARE **RIBANTA 3**

SCHÉMA DE CHARGES - FERRURE OSCILLO-BATTANT CACHÉ **RIBANTA 3**

Peso máximo da folha = 100 Kg
Leaf maximum weight
Poids maximale par vantail

H folha móvel

2800	●	44	33	26	22	18	16	14	13	11	10	10	9	8	8
2700	●	46	34	27	23	19	17	15	13	12	11	10	9	8	8
2600	●	48	36	29	24	20	17	15	14	12	11	10	10	9	8
2500	●	●	38	30	25	21	18	16	14	13	12	11	10	9	9
2400	●	●	39	31	26	22	19	17	15	14	12	11	11	10	9
2300	●	●	41	33	27	23	20	18	16	14	13	12	11	10	9
2200	●	●	43	35	29	25	22	19	17	15	14	13	12	10	9
2100	●	●	46	36	30	26	23	20	18	16	15	13	12	10	9
2000	●	●	48	38	32	28	24	21	19	17	15	14	12	10	9
1900	●	●	●	41	34	29	26	23	20	18	16	14	12	10	9
1800	●	●	●	43	36	31	27	24	21	18	17	14	12	10	8
1700	●	●	●	46	38	33	29	26	23	20	17	14	12	10	8
1600	●	●	●	49	41	35	31	27	25	23	17	15	12	9	7
1500	●	●	●	●	44	38	33	29	25	21	17	14	10	8	6
1400	●	●	●	●	48	41	35	31	25	21	17	12	9	6	5
1300	●	●	●	●	●	44	39	31	25	20	15	10	8	5	X
1200	●	●	●	●	●	48	39	31	25	18	12	8	5	X	X
1100	●	●	●	●	●	●	39	31	21	15	9	8	X	X	X
1000	●	●	●	●	●	●	40	27	17	11	8	X	X	X	X
900	●	●	●	●	●	●	34	21	14	8	X	X	X	X	X
800	●	●	●	●	●	●	45	26	14	8	X	X	X	X	X
700	●	●	●	●	●	●	34	16	5	X	X	X	X	X	X
600	●	●	●	●	44	18	5	X	X	X	X	X	X	X	X
	350	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700

L folha móvel

Peso máximo da folha - 150kG

H folha móvel

2800	●	●	●	41	34	29	25	22	20	18	17	15	14	13	12
2700	●	●	●	43	35	30	26	23	21	19	17	16	15	14	13
2600	●	●	●	45	37	32	27	24	22	20	18	17	15	14	13
2500	●	●	●	46	39	33	29	25	23	21	19	17	16	15	14
2400	●	●	●	49	40	34	30	27	24	22	20	18	17	16	15
2300	●	●	●	●	42	36	31	28	25	23	21	19	18	16	15
2200	●	●	●	●	44	38	33	29	26	24	22	20	18	17	16
2100	●	●	●	●	47	40	35	31	28	25	23	21	19	18	17
2000	●	●	●	●	49	42	37	33	29	26	24	22	21	19	17
1900	●	●	●	●	45	39	34	31	28	26	23	22	19	17	17
1800	●	●	●	●	47	41	37	33	30	27	25	22	19	17	17
1700	●	●	●	●	●	44	39	35	32	29	26	22	19	17	17
1600	●	●	●	●	●	47	42	37	34	30	26	22	19	17	17
1500	●	●	●	●	●	●	45	40	36	31	26	22	19	17	17
1400	●	●	●	●	●	●	48	43	37	31	26	22	19	17	17
1300	●	●	●	●	●	●	●	44	37	31	26	22	19	17	17
1200	●	●	●	●	●	●	●	45	37	31	26	22	19	17	17
1100	●	●	●	●	●	●	●	45	37	31	26	23	18	15	15
1000	●	●	●	●	●	●	●	45	37	31	26	20	16	12	12
900	●	●	●	●	●	●	●	46	38	30	23	17	13	9	9
800	●	●	●	●	●	●	●	46	35	25	18	13	8	5	5
700	●	●	●	●	●	●	●	40	27	19	12	7	X	X	X
600	●	●	●	●	●	●	45	29	18	9	X	X	X	X	X
	350	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700

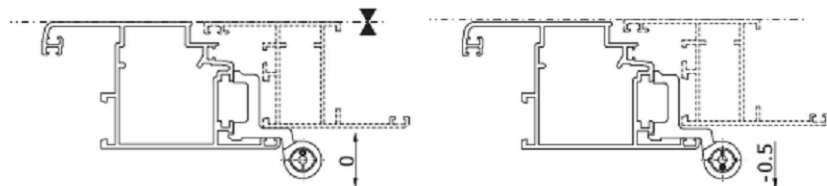
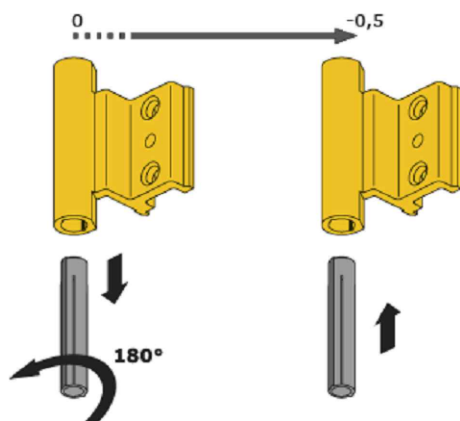
L folha móvel

Espeçura máxima do vidro 50 mm
 Espeçura máxima do vidro aconselhada (ex. 46 mm)
 Não realizável

NOTA: A espeçura do vidro refere-se à espeçura do material sem câmara de ar.

DOBRADIÇAS PARA OSCILO-BATENTE RIBANTA 3 - MANOBRA TRADICIONAL - AFINAÇÃO
HINGES FOR TILT AND TURN RIBANTA 3 - TRADITIONAL MANOEUVRE - ADJUSTMENTS
PAUMELLES POUR OSCILLO-BATTANT RIBANTA 3 - MANOEUVRE TRADITIONNELLE - RÉGLAGES

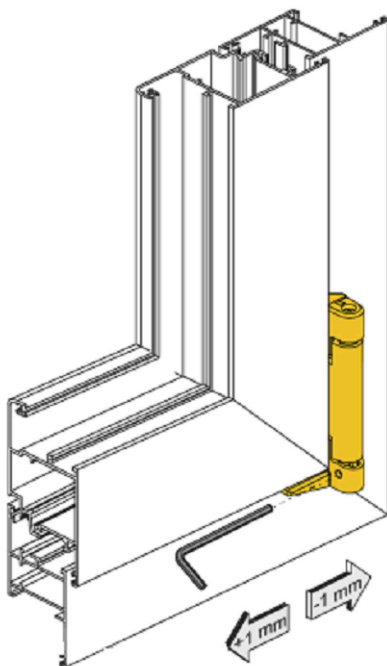
Regulação da dobradiça inferior: -0,5mm
Bottom hinge adjustment | Réglage de la paumelle inférieure



Regulação lateral da dobradiça inferior: +/- 1mm
(com a folha montada)

Lateral bottom hinge adjustments (carried out with the leaf assembled)

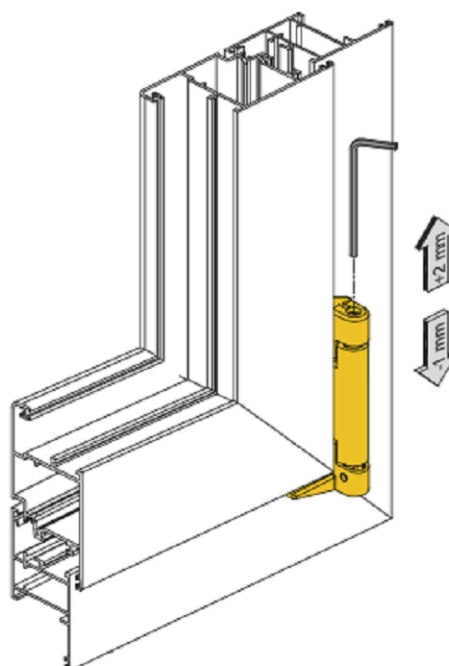
Réglage de la paumelle latéral inférieur (réalisable à châssis fermé)



Regulação vertical da dobradiça inferior: -1mm / +2mm
(com a folha montada)

Bottom hinge vertical adjustments (carried out with the leaf assembled)

Réglage vertical de la paumelle latéral inférieur (réalisable à châssis fermé)



DOBRADIÇAS PARA OSCILO-BATENTE RIBANTA 3 - MANOBRA TRADICIONAL - MONTAGEM
HINGES FOR TILT AND TURN RIBANTA 3 - TRADITIONAL MANOEUVRE - ASSEMBLY
PAUMELLES POUR OSCILLO-BATTANT RIBANTA 3 - MANOEUVRE TRADITIONNELLE - ASSEMBLAGE

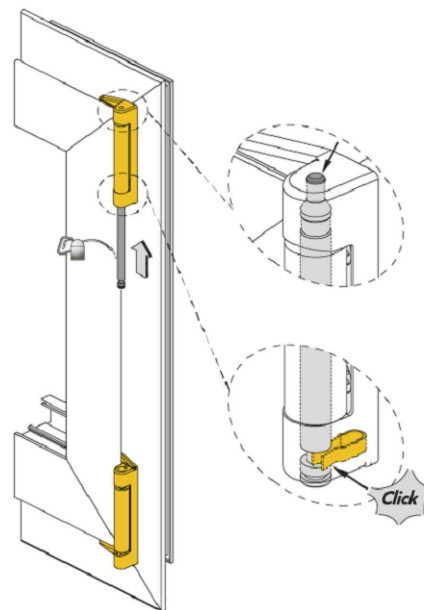
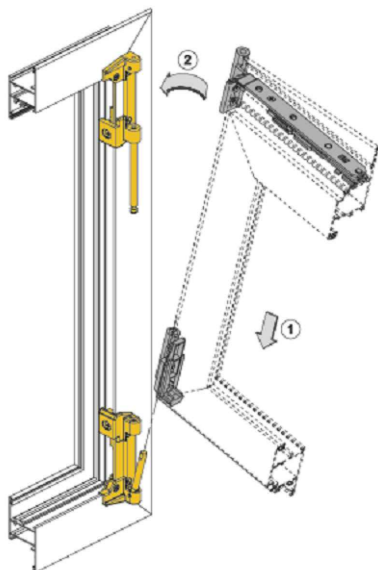
Montagem da folha

Leaf assembly | Assamblage de la vantail

A pinça mantém o eixo na posição tanto na montagem como na desmontagem da folha

The pin stays in position thanks to the clip
Le ressort maintient l'axe en position soit pendant le montage que pendant le démontage

Basta empurrar o eixo para o prender
Simply push the pin to stop it
Il suffit de pousser sur l'axe pour l'arrêter



Montagem do eixo

Pin assembly | Assamblage de l'axe

O eixo mantém-se em posição graças à pinça

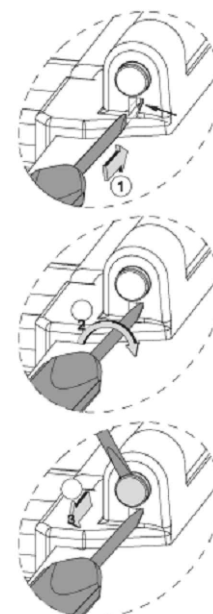
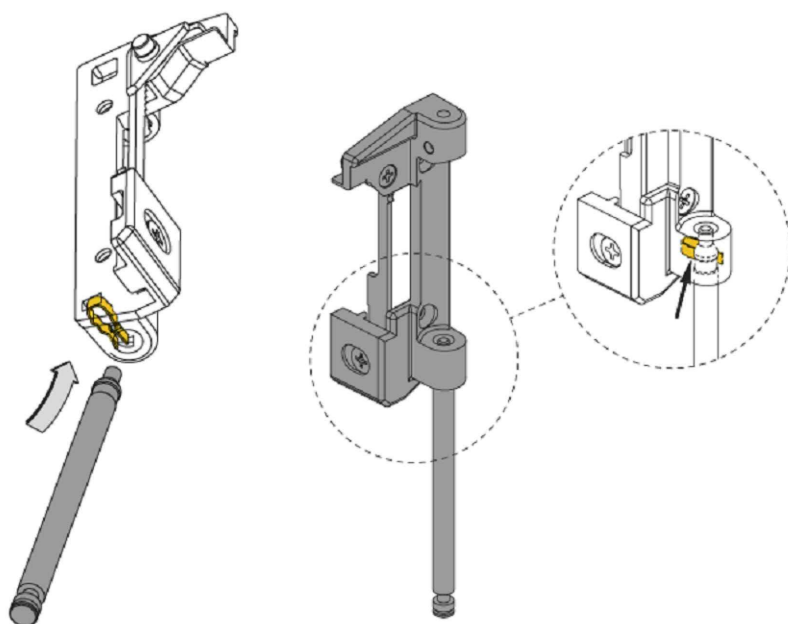
The pin stays in position thanks to the clip
L'axe maintient son positionnement grâce au ressort

Desmontagem do eixo

Pin disassembly | Desmontage de l'axe

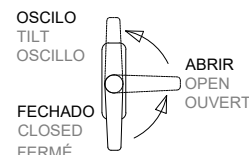
Para a desmontagem, atuar diretamente na pinça

Operate directly on the clip to disassemble the pin
Pour le démontage agir directement sur le ressort



FERRAGEM PARA OSCILO-BATENTE SECRET - MÁXIMO DE 120Kg - MANOBRA TRADICIONAL

SECRET TIL-AND-TURN HARDWARE - 120Kg MAXIMUM - TRADITIONAL MANOEUVRE
FERRURE OSCILLO-BATTANT SECRET - MAXIMUM 120Kg - MANOEUVRE TRADITIONNELLE



FOLHA ATIVA - PESO MÁXIMO: 120Kg

ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL DE SERVICE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	6 PONTOS 435 - 515		7 PONTOS 435 - 515		
		450 - 1400		1401 - 2800		
223156	KIT OB OCULTO + COMP. 300 ESQ ou 223157 KIT OB OCULTO + COMP. 300 DIR					1
299200	CARTÃO BASE OB MANOB. TRADICIONAL					1
211028	PONTO FECHO EXTRA VERT.	-			1	
200798	MANETE MINIMALISTA CUBIC					1
203017	CX TRANSM. P/MANETE MIN. CUBIC + MEC. BASE					1
200507	CREMONE OSCILO-BATENTE CUBIC					1
212232	CONJUNTO FECHO OB 5233 (Opcional)	-			1	
-	GABARITO OB OCULTO (Opcional)					1

★ Considerar apenas quando se usa a Manete Minimalista Cubic.

FOLHA ATIVA - PESO MÁXIMO: 120Kg

ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL DE SERVICE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	6 PONTOS 516 - 655		7 PONTOS 516 - 655		
		450 - 1400		1401 - 2800		
223092	KIT OB OCULTO + COMP. 400 ESQ ou 223093 KIT OB OCULTO + COMP. 400 DIR					1
299200	CARTÃO BASE OB MANOB. TRADICIONAL					1
211028	PONTO FECHO EXTRA VERT.	-			1	
200798	MANETE MINIMALISTA CUBIC					1
203017	CX TRANSM. P/MANETE MIN. CUBIC + MEC. BASE					1
200507	CREMONE OSCILO-BATENTE CUBIC					1
299091	MICRO-VENTILAÇÃO OB OCULTO (Opcional)					1
212232	CONJUNTO FECHO OB 5233 (Opcional)	-			1*	
-	GABARITO OB OCULTO (Opcional)					1

★ Considerar apenas quando se usa a Manete Minimalista Cubic.

FOLHA ATIVA - PESO MÁXIMO: 120Kg

ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL DE SERVICE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	6 PONTOS 656-1000		7 PONTOS 656-1300		
		450 - 1400		1401 - 2800		
223094	KIT OB OCULTO + COMP. 500 ESQ ou 223095 KIT OB OCULTO + COMP. 500 DIR					1
299200	CARTÃO BASE OB MANOB. TRADICIONAL					1
211028	PONTO FECHO EXTRA VERT.	-			1	
200798	MANETE MINIMALISTA CUBIC					1
203017	CX TRANSM. P/MANETE MIN. CUBIC + MEC. BASE					1
200507	CREMONE OSCILO-BATENTE CUBIC					1
299091	MICRO-VENTILAÇÃO OB OCULTO (Opcional)					1
212232	CONJ. FECHO OB 5233 (Opcional) *	-			1*	
-	GABARITO OB OCULTO (Opcional)					1

★ Considerar apenas quando se usa a Manete Minimalista Cubic.

FOLHA ATIVA - PESO MÁXIMO: 120Kg

ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL DE SERVICE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	8 PONTOS 1001-1300		9 PONTOS 1001-1300		
		450-1400		1401 - 2800		
223094	KIT OB OCULTO + COMP. 500 ESQ ou 223095 KIT OB OCULTO + COMP. 500 DIR					1
202518	COMPASSO SUPLEM. OCULTO					1
299200	CARTÃO BASE OB MANOB. TRADICIONAL					1
211028	PONTO FECHO EXTRA VERT.					1
211029	PONTO FECHO EXTRA HORIZ.					1
200798	MANETE MINIMALISTA CUBIC					1
203017	CX TRANSM. P/MANETE MIN. CUBIC + MEC. BASE					1
200507	CREMONE OSCILO-BATENTE CUBIC					1
299091	MICRO-VENTILAÇÃO OB OCULTO (Opcional)					1
212232	CONJ. FECHO OB 5233 (Opcional) *	-			1*	
-	GABARITO OB OCULTO (Opcional)					1

★ Considerar apenas quando se usa a Manete Minimalista Cubic.

FOLHA PASSIVA - PESO MÁXIMO: 120Kg

NON-ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL SEMI-FIXE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	4 PONTOS		5 PONTOS		
		670 - 1400		1401 - 2800		
212259	CONJ. DOB. OCULTA 2°F ESQ					1
212233	CONJ. DOB. OCULTA 2°F DIREITA					1
225006	PASSADOR BIDIRECIONAL 2°F					1
211539	PONTO FECHO RAMPA 2°FOLHA 18230	-			1	

Conversão de Manobra Tradicional em Manobra Lógica: Conversion of Traditional Maneuver into Logical Maneuver: Conversion de la manoeuvre traditionnelle en manoeuvre logique:

Tipologia 1 folha: Adicionar o **KIT ADICIONAL MANOB. LÓGICA - Ref. 223096**

Type 1 leaf: Add the **KIT ADICIONAL MANOB. LÓGICA - Ref. 223096**

Type 1 vantail : Ajouter le **KIT ADICIONAL MANOB. LÓGICA - Ref. 223096**

Tipologia 2 folhas: Adicionar o **KIT ADICIONAL 2°F MANOB. LÓGICA - Ref. 223097***

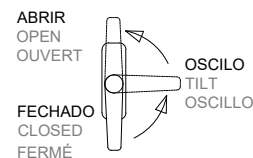
Type 2 leaves: Add the **2ND LOGIC MANEUVER ADDITIONAL KIT - Ref. 223097***

Type 2 vantaux : Ajouter le **KIT SUPPLÉMENTAIRE DE LA 2^{ÈME} VANTAIL MANOEUVRE LOGIQUE - Ref. 223097***

***O KIT ADICIONAL 2°F MANOB. LÓGICA É DISPENSÁVEL NO CASO DE A FOLHA ATIVA JÁ INCLUIR O PONTO DE FECHO EXTRA HORIZONTAL**
*THE 2ND LOGIC MANEUVER ADDITIONAL KIT IS DISPENSABLE IF THE ACTIVE SHEET ALREADY INCLUDES THE EXTRA HORIZ. LOCKING POINT
*LE KIT SUPPLÉMENTAIRE DE LA 2^{ÈME} VANTAIL MANOEUVRE LOGIQUE EST DISPENSÉE SI LA VANTAIL ACTIVE COMPREND DÉJÀ LE POINT DE VERROUILLAGE HORIZONTAL SUPPLÉMENTAIRE

FERRAGEM PARA OSCILO-BATENTE SECRET - MÁXIMO DE 120Kg - MANOBRA LÓGICA

SECRET TIL-AND-TURN HARDWARE - 120Kg MAXIMUM - TILT FIRST MANOEUVRE
FERRURE OSCILLO-BATTANT SECRET - MAXIMUM 120Kg - MANOEUVRE LOGIQUE



FOLHA ATIVA - PESO MÁXIMO: 120Kg

ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL DE SERVICE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	6 PONTOS 435 - 515		7 PONTOS 435 - 515	
		450 - 1400	1401 - 2800	450 - 1400	1401 - 2800
223156	KIT OB OCULTO + COMP. 300 ESQ ou		1		
223157	KIT OB OCULTO + COMP. 300 DIR			1	
299201	CARTÃO BASE OB MANOB. LÓGICA		1		
211028	PONTO FECHO EXTRA VERT.		-		1
200798	MANETE MINIMALISTA CUBIC		1		
203017	CX TRANSM. P/MANETE MIN. CUBIC + MEC. BASE		1		
200507	CREMONE OSCILO-BATENTE CUBIC		1		
299109	SEQUENCIADOR DE MANOB. LÓGICA (Opcional)		1		
212232	CONJUNTO FECHO OB 5233 (Opcional) *		-		1 *
-	GABARITO OB OCULTO (Opcional)		1		

* Considerar apenas quando se usa a Manete Minimalista Cubic.

FOLHA ATIVA - PESO MÁXIMO: 120Kg

ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL DE SERVICE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	6 PONTOS 516 - 655		7 PONTOS 516 - 655	
		450 - 1400	1401 - 2800	450 - 1400	1401 - 2800
223092	KIT OB OCULTO + COMP. 400 ESQ ou		1		
223093	KIT OB OCULTO + COMP. 400 DIR			1	
299201	CARTÃO BASE OB MANOB. LÓGICA		1		
211028	PONTO FECHO EXTRA VERT.		-		1
200798	MANETE MINIMALISTA CUBIC		1		
203017	CX TRANSM. P/MANETE MIN. CUBIC + MEC. BASE		1		
200507	CREMONE OSCILO-BATENTE CUBIC		1		
299091	MICRO-VENTILAÇÃO OB OCULTO (Opcional)		1		
299109	SEQUENCIADOR DE MANOB. LÓGICA (Opcional)		1		
212232	CONJUNTO FECHO OB 5233 (Opcional) *		-		1 *
-	GABARITO OB OCULTO (Opcional)		1		

* Considerar apenas quando se usa a Manete Minimalista Cubic.

FOLHA ATIVA - PESO MÁXIMO: 120Kg

ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL DE SERVICE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	6 PONTOS 656-1300		7 PONTOS 656-1300	
		450 - 1400	1401 - 2800	450 - 1400	1401 - 2800
223094	KIT OB OCULTO + COMP. 500 ESQ ou		1		
223095	KIT OB OCULTO + COMP. 500 DIR			1	
299201	CARTÃO BASE OB MANOB. LÓGICA		1		
211028	PONTO FECHO EXTRA VERT.		-		1
200798	MANETE MINIMALISTA CUBIC		1		
203017	CX TRANSM. P/MANETE MIN. CUBIC + MEC. BASE		1		
200507	CREMONE OSCILO-BATENTE CUBIC		1		
299091	MICRO-VENTILAÇÃO OB OCULTO (Opcional)		1		
299109	SEQUENCIADOR DE MANOB. LÓGICA (Opcional)		1		
212232	CONJUNTO FECHO OB 5233 (Opcional) *		-		1 *
-	GABARITO OB OCULTO (Opcional)		1		

* Considerar apenas quando se usa a Manete Minimalista Cubic.

FOLHA ATIVA - PESO MÁXIMO: 120Kg

ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL DE SERVICE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	8 PONTOS 1001-1300		9 PONTOS 1001-1300	
		450-1400	1401 - 2800	450-1400	1401 - 2800
223094	KIT OB OCULTO + COMP. 500 ESQ ou		1		
223095	KIT OB OCULTO + COMP. 500 DIR			1	
202518	COMPASSO SUPLEM. OCULTO		1		
299201	CARTÃO BASE OB MANOB. LÓGICA		1		
211028	PONTO FECHO EXTRA VERT.		-		1
211029	PONTO FECHO EXTRA HORIZ.		1		
200798	MANETE MINIMALISTA CUBIC		1		
203017	CX TRANSM. P/MANETE MIN. CUBIC + MEC. BASE		1		
200507	CREMONE OSCILO-BATENTE CUBIC		1		
299091	MICRO-VENTILAÇÃO OB OCULTO (Opcional)		1		
299109	SEQUENCIADOR DE MANOB. LÓGICA (Opcional)		1		
212232	CONJUNTO FECHO OB 5233 (Opcional) *		-		1 *
-	GABARITO OB OCULTO (Opcional)		1		

* Considerar apenas quando se usa a Manete Minimalista Cubic.

FOLHA PASSIVA - PESO MÁXIMO: 120Kg

NON-ACTIVE LEAF - MAXIMUM WEIGHT | VANTAIL SEMI-FIXE - POIDS MAXIMALE

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	4 PONTOS		5 PONTOS	
		670 - 1400	1401 - 2800	670 - 1400	1401 - 2800
212259	CONJ. DOB. OCULTA 2°F ESQUERDA		1		1
212233	CONJ. DOB. OCULTA 2°F DIREITA		1		1
225006	PASSADOR BIDIRECIONAL 2°F		1		1
211539	PONTO FECHO RAMPA 2°FOLHA 18230		-		1
223097	KIT ADICIONAL 2°F MANOB. LÓGICA*		1*		1*

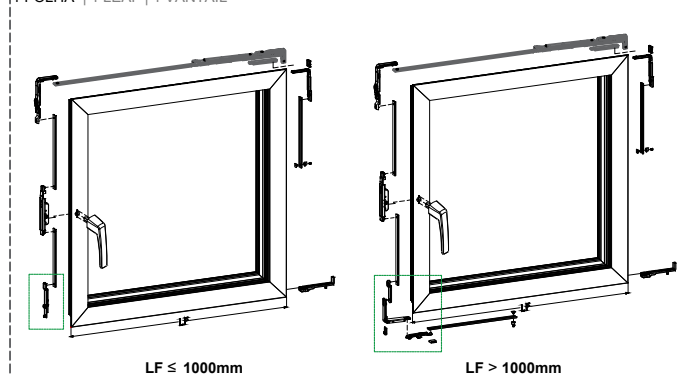
*O KIT ADICIONAL 2°F MANOB. LÓGICA É DISPENSÁVEL NO CASO DE A FOLHA ATIVA JÁ INCLUIR O PONTO DE FECHO EXTRA HORIZONTAL

*THE 2ND LOGIC MANEUVER ADDITIONAL KIT IS DISPENSABLE IF THE ACTIVE SHEET ALREADY INCLUDES THE EXTRA HORIZ. LOCKING POINT

*LE KIT SUPPLÉMENTAIRE DE LA 2^{ÈME} VANTAIL MANOEUVRE LOGIQUE EST DISPENSÉE SI LA VANTAIL ACTIVE COMPREND DÉJÀ LE POINT DE VERROUILLAGE HORIZONTAL SUPPLÉMENTAIRE

EXEMPLOS | EXAMPLES | EXEMPLES:

1 FOLHA | 1 LEAF | 1 VANTAIL



2 FOLHAS | 2 LEAVES | 2 VANTAUX

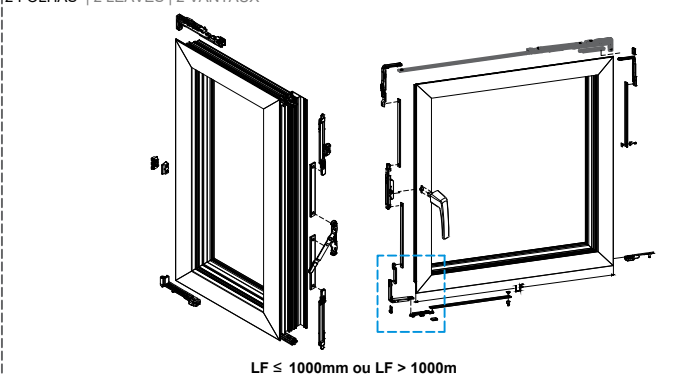


DIAGRAMA DE PESOS - FERRAGEM PARA OSCILO-BATENTE *SECRET*

WEIGHT DIAGRAM - *SECRET* TILT-AND-TURN HARDWARE

SCHÉMA DE CHARGES - FERRURE OSCILLO-BATTANT *SECRET*

Peso máximo da folha = 120 Kg

Leaf maximum weight | Poids maximale par vantail

Na tabela abaixo poderá determinar a espessura máxima de vidro consoante as dimensões da janela oscilo-batente:

In the table below you can determine the maximum glass thickness depending on the dimensions of the tilt-and-turn window

Dans le tableau ci-dessous, vous pouvez déterminer l'épaisseur maximale du verre en fonction des dimensions de la fenêtre oscilo-battant

H (mm)	2800	38	32	27	23	20	18	16	14	13	12
	2750	39	32	28	23	20	18	16	14	13	12
	2700	39	33	28	24	21	18	16	15	13	12
	2650	40	34	29	24	21	19	17	15	14	12
	2600	41	34	29	25	22	19	17	15	14	13
	2550	42	35	30	25	22	19	17	16	14	13
	2500	43	36	30	26	23	20	18	16	15	13
	2450	44	37	30	26	23	20	18	16	15	14
	2400	45	38	31	27	24	21	19	17	15	14
	2300	47	39	32	28	25	22	19	17	16	15
	2200	49	41	34	30	26	23	20	18	17	15
	2100	50	43	36	30	27	24	21	19	18	16
	2000	53	46	38	32	29	25	23	20	19	17
	1900	56	48	40	34	30	27	24	21	20	18
	1800	59	50	42	36	31	28	25	23	21	19
	1700	60	53	45	38	33	30	27	24	22	20
	1600	60	57	48	40	35	31	29	26	24	22
	1500	60	60	50	43	38	33	30	28	25	23
	1400	60	60	54	46	40	36	32	30	27	25
	1300	60	60	58	50	44	39	34	31	29	24
	1200	60	60	60	54	48	42	38	34	29	23
	1100	60	60	60	59	51	46	41	34	28	21
	1000	60	60	60	60	57	50	42	32	25	19
	900	60	60	60	60	60	51	40	29	23	17
800	60	60	60	60	60	49	36	26	21	16	
700	60	60	60	60	60	44	33	24	19	15	
600	60	60	60	60	56	40	30	22	18	X	
500 *	60	60	60	60	51	37	27	X	X	X	
450 *	60	60	60	60	51	37	X	X	X	X	
		425	500	600	700	800	900	1000	1100	1200	1300
		L (mm)									

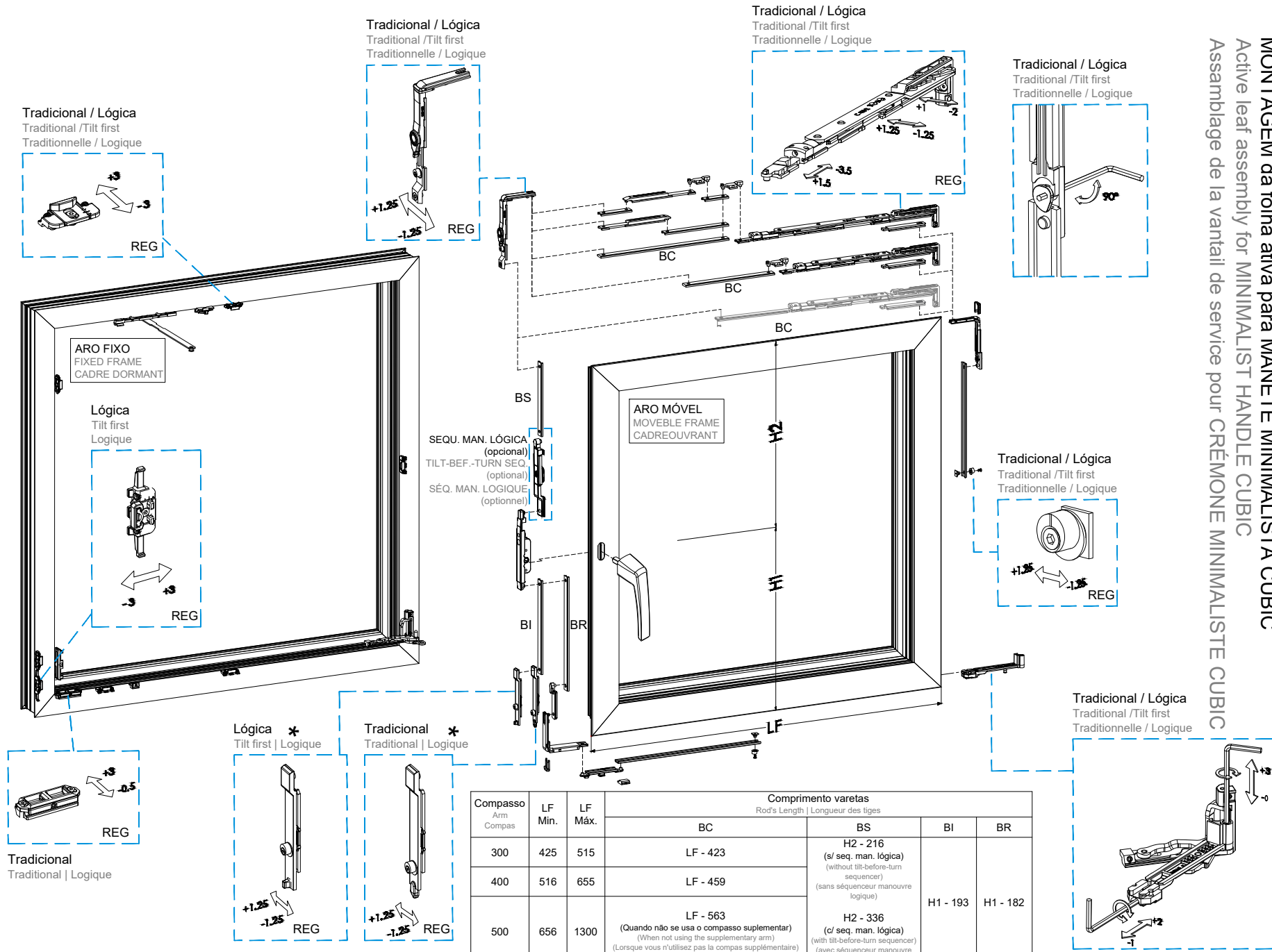
*** Alturas apenas compatíveis com a aplicação de cremone garfo. Para utilização de manetes minimalistas a altura mínima da folha móvel deverá ser 600mm.**

Heights only compatible with levers handle application. For the use of minimalist handles the minimum height of the mobile frame should be 600mm.

Hauteurs compatibles uniquement avec l'application de la crémonne à fourche. Pour l'utilisation de crémonnes minimalistes, la hauteur minimale de la vantail doit être de 600 mm.

FERRAGEM OSCILO-BATENTE SECRET
SECRET TILT-AND-TURN HARDWARE
FERRURE OSCILLO-BATTANT SECRET

MONTAGEM da folha ativa para MANETE MINIMALISTA CUBIC
Active leaf assembly for MINIMALIST HANDLE CUBIC
Assmblage de la vantail de service pour CRÉMONE MINIMALISTE CUBIC

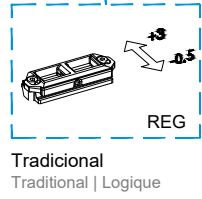
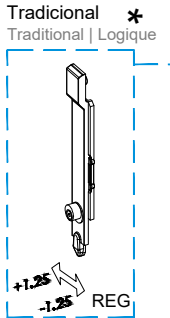
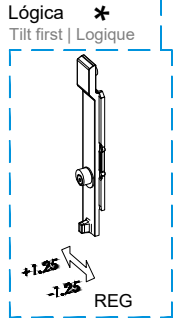
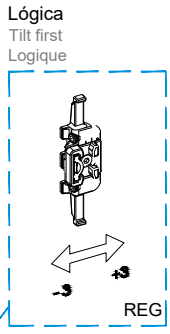
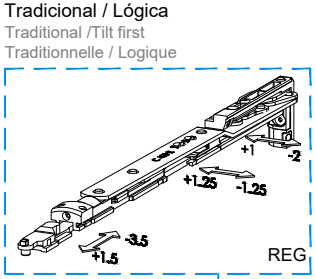
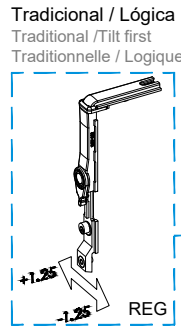
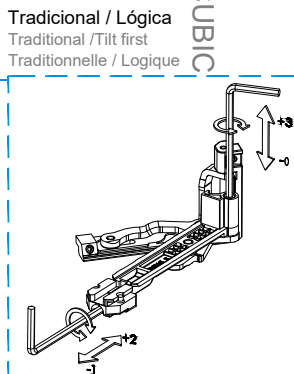
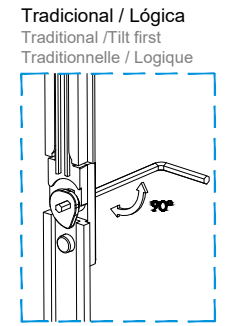
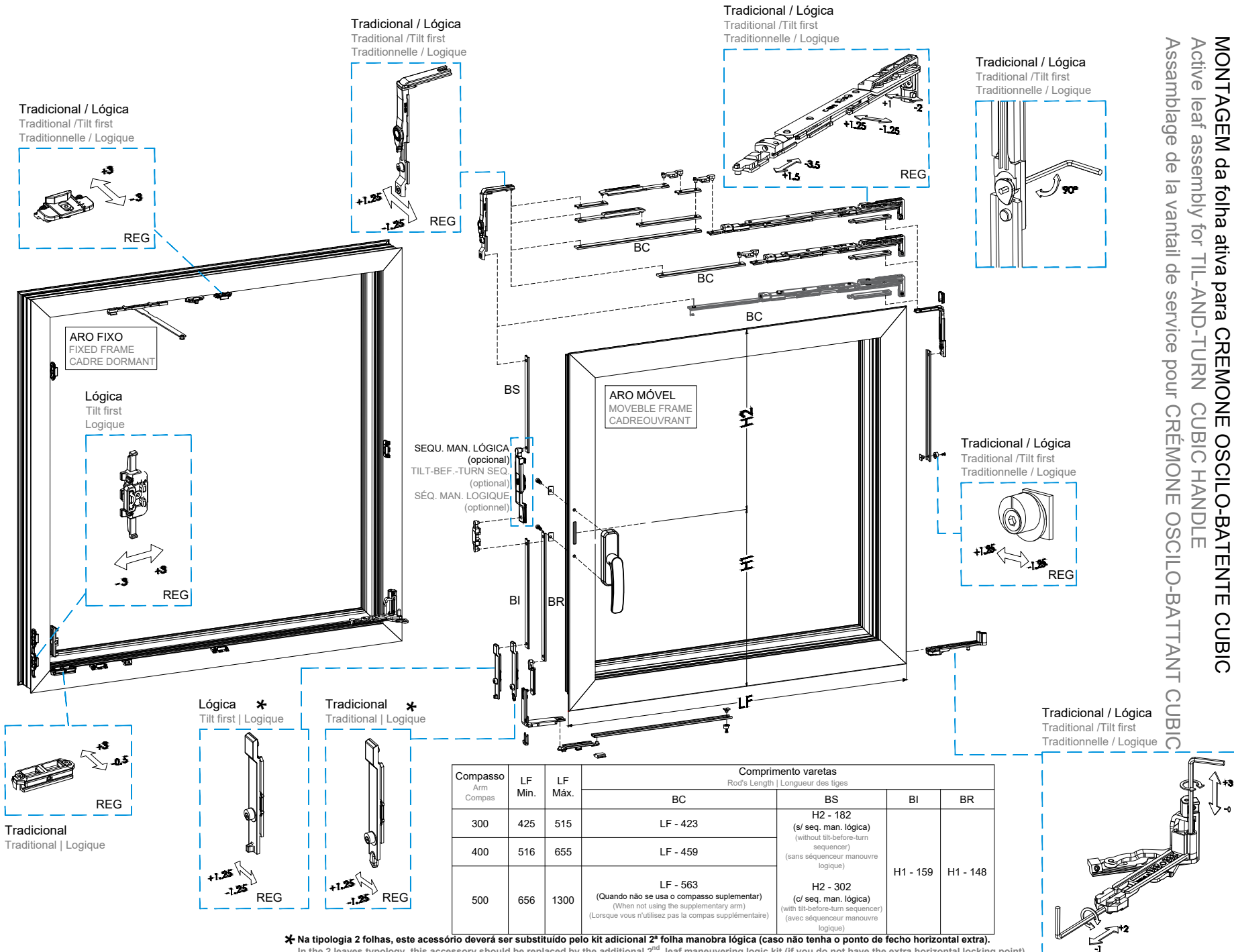


Compasso Arm Compas	LF Min.	LF Máx.	Comprimento varetas Rod's Length Longueur des tiges			
			BC	BS	BI	BR
300	425	515	LF - 423	H2 - 216 (s/ seq. man. lógica) (without tilt-before-turn sequencer)	H1 - 193	H1 - 182
400	516	655	LF - 459	(sans séquenceur manœuvre logique)		
500	656	1300	LF - 563 (Quando não se usa o compasso suplementar) (When not using the supplementary arm) (Lorsque vous n'utilisez pas la compas supplémentaire)	H2 - 336 (c/ seq. man. lógica) (with tilt-before-turn sequencer) (avec séquenceur manœuvre logique)		

✳ Na tipologia 2 folhas, este acessório deverá ser substituído pelo kit adicional 2ª folha manobra lógica (caso não tenha o ponto de fecho horizontal extra).
 In the 2 leaves typology, this accessory should be replaced by the additional 2nd leaf maneuvering logic kit (if you do not have the extra horizontal locking point).
 Dans la typologie à 2 vantaux, cet accessoire doit être remplacé par le kit supplémentaire à 2^{ème} vantail de manœuvre logique (si vous n'avez pas le point de verrouillage horizontal supplémentaire).

FERRAGEM OSCILO-BATENTE SECRET
SECRET TILT-AND-TURN HARDWARE
FERRURE OSCILLO-BATTANT SECRET

MONTAGEM da folha ativa para CREMONE OSCILO-BATENTE CUBIC
Active leaf assembly for TILT-AND-TURN CUBIC HANDLE
Assmblage de la vantail de service pour CRÉMONE OSCILLO-BATTANT CUBIC



Compasso Arm Compas	LF Min.	LF Máx.	Comprimento varetas Rod's Length Longueur des tiges			
			BC	BS	BI	BR
300	425	515	LF - 423	H2 - 182 (s/ seq. man. lógica) (without tilt-before-turn sequencer)	H1 - 159	H1 - 148
400	516	655	LF - 459	(sans séquenceur manœuvre logique)		
500	656	1300	LF - 563 (Quando não se usa o compasso suplementar) (When not using the supplementary arm) (Lorsque vous n'utilisez pas la compas supplémentaire)	H2 - 302 (c/ seq. man. lógica) (with tilt-before-turn sequencer) (avec séquenceur manœuvre logique)		

* Na tipologia 2 folhas, este acessório deverá ser substituído pelo kit adicional 2ª folha manobra lógica (caso não tenha o ponto de fecho horizontal extra).
 In the 2 leaves typology, this accessory should be replaced by the additional 2nd leaf maneuvering logic kit (if you do not have the extra horizontal locking point).
 Dans la typologie à 2 vantaux, cet accessoire doit être remplacé par le kit supplémentaire à 2^{ème} vantail de manœuvre logique (si vous n'avez pas le point de verrouillage horizontal supplémentaire).

FERRAGEM OSCILO-BATENTE *SECRET* - ESQUEMA DE MONTAGEM

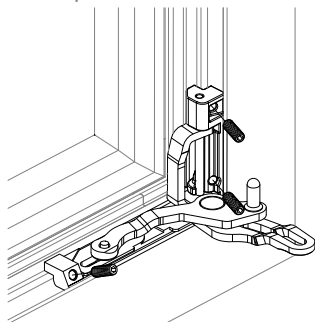
SECRET TILT-AND-TURN HARDWARE - ASSEMBLY DIAGRAM

FERRURE OSCILLO-BATTANT *SECRET* - SCHÉMA DE MONTAGE

PASSO 1: Fixação da dobradiça inferior no aro fixo

STEP 1: Fix the bottom hinge to the fixed frame

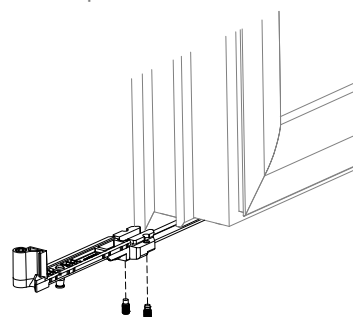
ÉTAPE 1 : Fixer la paumelle inférieure au cadre dormant



PASSO 2: Fixação da dobradiça inferior na folha móvel

STEP 1: Fix the bottom hinge to the mobile frame

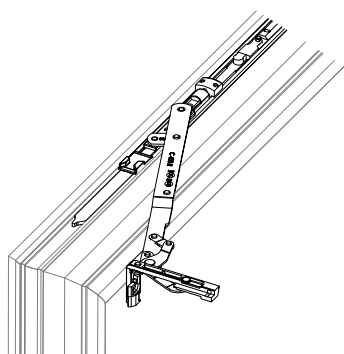
ÉTAPE 1 : Fixer la paumelle inférieure au cadre ouvrant



PASSO 3: Introdução do compasso na folha

STEP 3: place the arm on the leaf

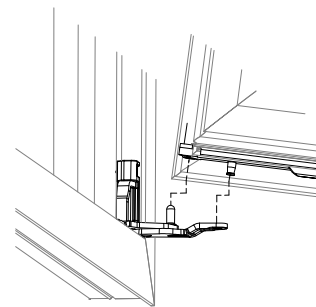
ÉTAPE 3 : placer le compas sur la vantail



PASSO 4: Montagem da folha no aro fixo através da dobradiça inferior

STEP 4: Assembly of the leaf on the fixed frame through the bottom hinge

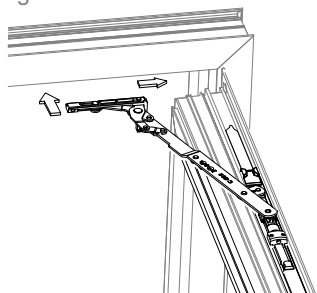
ÉTAPE 4 : Montage du vantail sur le cadre ouvrant par la charnière inférieure



PASSO 5: Montagem da folha no aro fixo através do compasso

STEP 5: Assembly of the leaf on the fixed frame through the arm

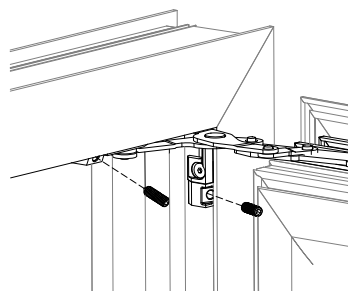
ÉTAPE 5 : Montage du vantail sur le cadre ouvrant par le compas



PASSO 6: Fixação do compasso no aro fixo

STEP 6: Fix the arm to the fixed frame

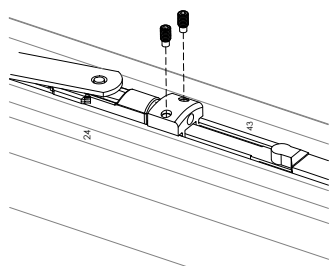
ÉTAPE 6 : Fixer le compas au cadre dormant



PASSO 7: Fixação do compasso na folha móvel

STEP 7: Setting the arm to the mobile frame

ÉTAPE 7 : Placer le compas sur le cadre ouvrant



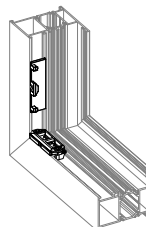
PASSO 8: Fixação do contra-fechos no aro fixo

STEP 8: Fix the keeper to the fixed frame

ÉTAPE 8 : Fixer le gâche au cadre dormant

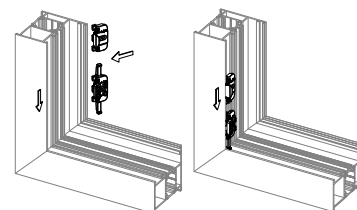
Manobra Tradicional (Kit Man.Tradicional)

Traditional manoeuvre
(Traditional manoeuvre kit)
Manoeuvre Traditionnelle
(Kit Manoeuvre Traditionnelle)



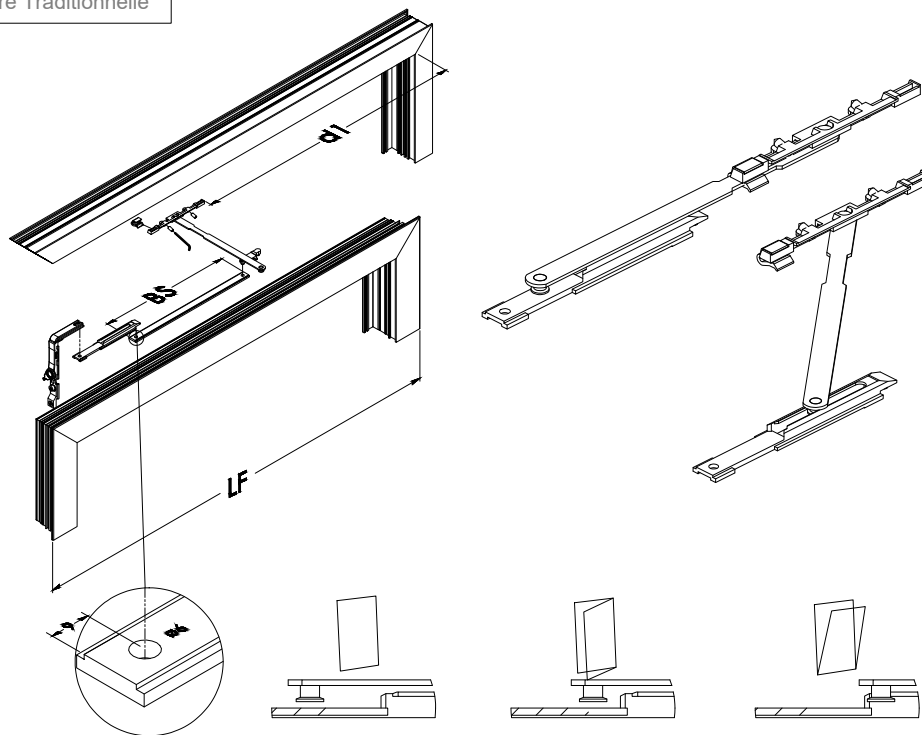
Manobra Lógica (Kit Man. Lógica)

Tilt first manoeuvre
(Tilt first manoeuvre kit)
Manoeuvre Logique
(Kit Manoeuvre Logique)



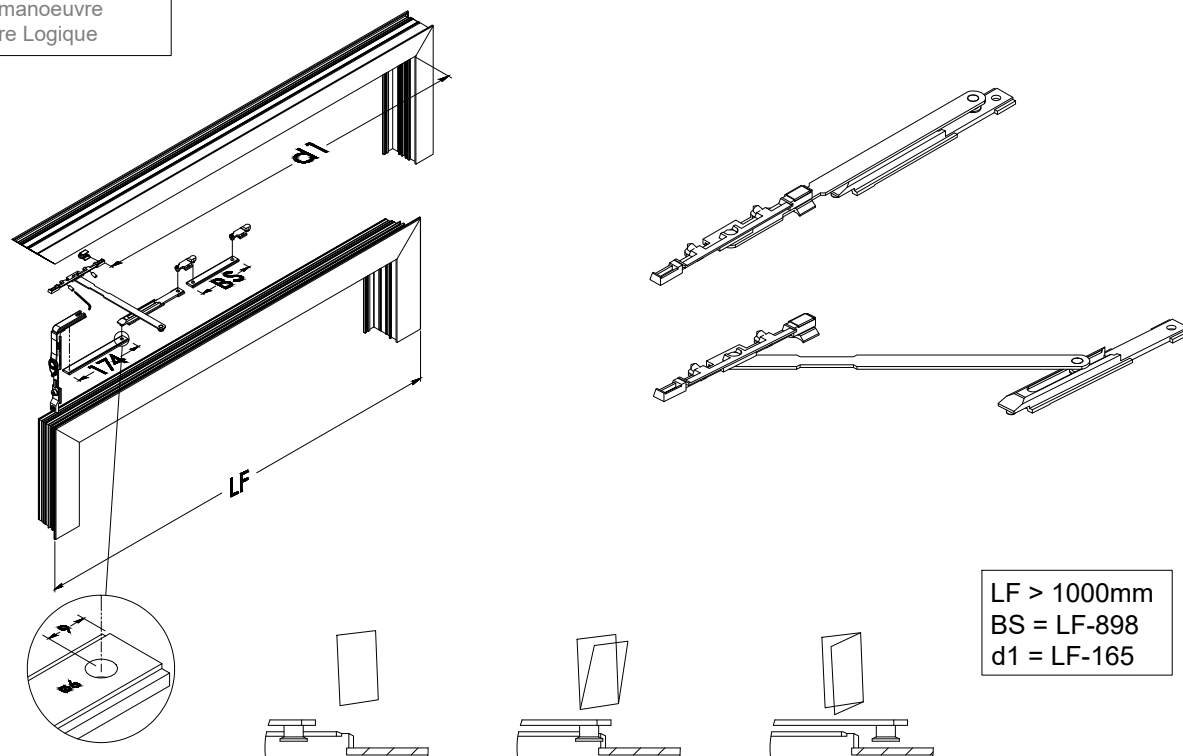
FERRAGEM OSCILO-BATENTE *SECRET* - ESQUEMA DE MONTAGEM DO COMPASSO SUPLEMENTAR
SECRET TILT-AND-TURN HARDWARE - SUPPLEMENTARY ARM ASSEMBLY DIAGRAM
 FERRURE OSCILLO-BATTANT *SECRET* - SCHÉMA DE MONTAGE DU COMPAS SUPPLÉMENTAIRE

Manobra Tradicional
 Traditional manoeuvre
 Manoeuvre Traditionnelle



LF > 1000mm
 BS = LF-705
 d1 = LF-408

Manobra Lógica
 Tilt first manoeuvre
 Manoeuvre Logique



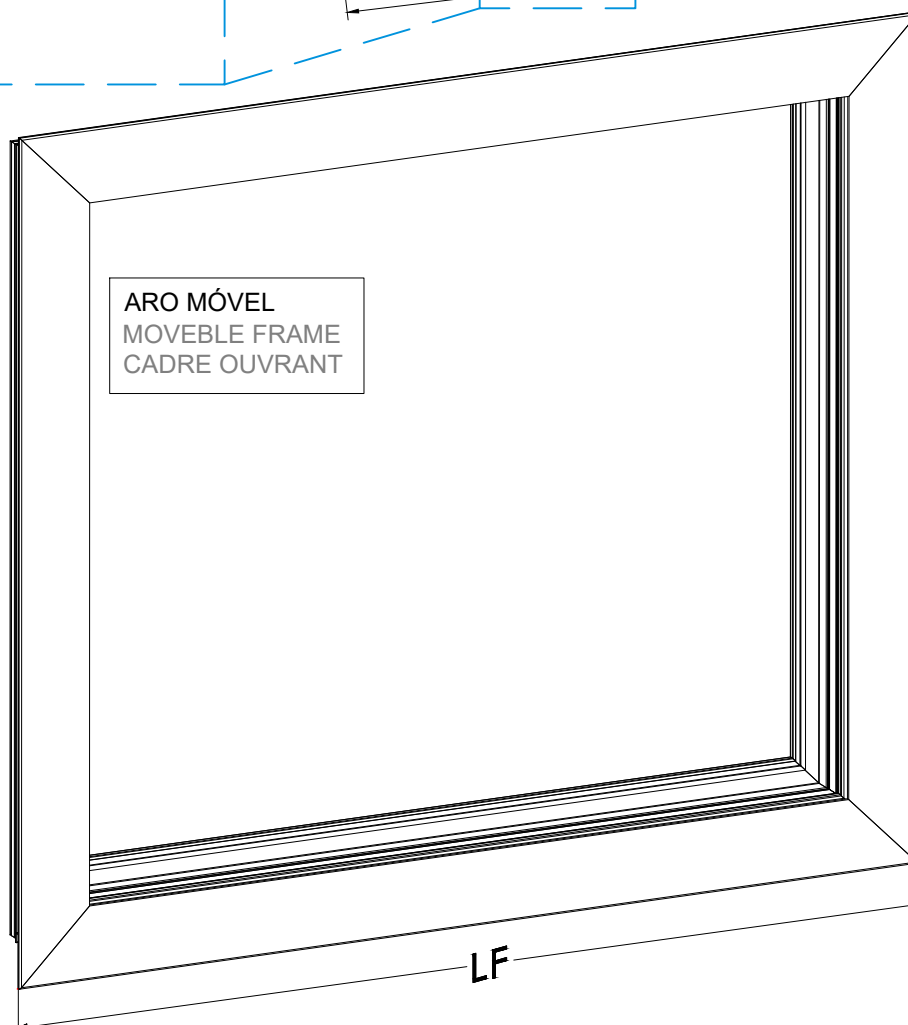
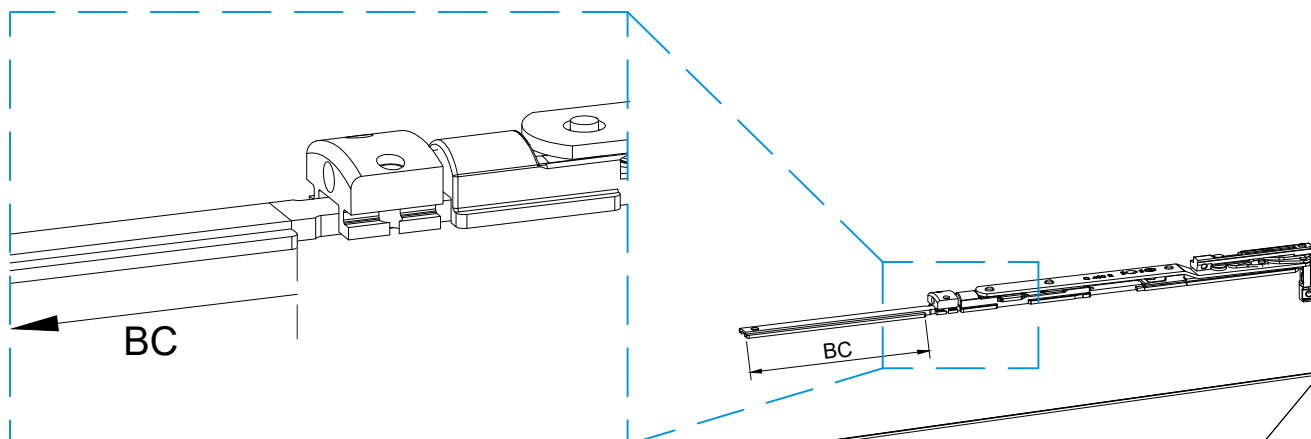
LF > 1000mm
 BS = LF-898
 d1 = LF-165

FERRAGEM OSCILO-BATENTE SECRET - MEDIDA E ESQUEMA DE CORTE DA VARETA DO COMPASSO 300

SECRET TILT-AND-TURN HARDWARE - MEASURING AND CUTTING PLAN OF THE ROD OF THE ARM 300

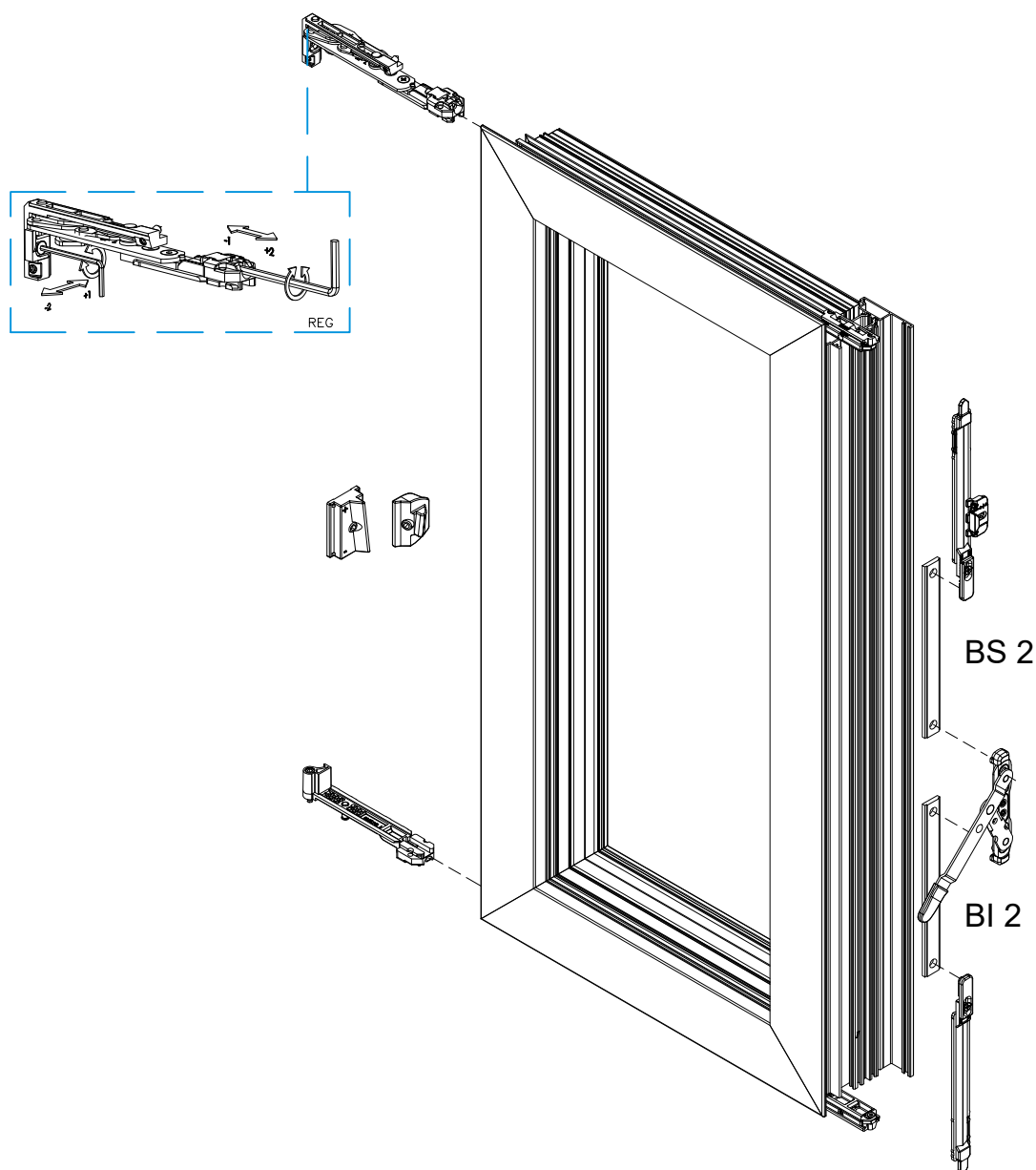
FERRURE OSCILLO-BATTANT SECRET - MESURE ET SCHÉMA DE COUPE DE LA TIGE DU COMPAS 300

Compasso Arm Compas	LF Min.	LF Máx.	Comprimento de vareta BC * BC Rod's Length Longueur des tiges BC
300	425	515	LF -423



A medida BC deverá ser medida a partir da zona de corte larga e lisa da vareta do compasso.
The BC measure shall be measured from the wide, smooth cutting area of the compass rod.
La mesure BC doit être mesurée à partir de la zone de coupe large et lisse de la tige du compas.

FERRAGEM OSCILO-BATENTE *SECRET* - ESQUEMA DE MONTAGEM DA 2ª FOLHA
***SECRET* TILT-AND-TURN HARDWARE - 2ND LEAF ASSEMBLY DIAGRAM**
FERRURE OSCILLO-BATTANT *SECRET* - SCHÉMA DE FerragAGE DE LA 2^{ÉME} VANTAIL



Compasso Arm Compas	LF Min.	LF Máx.	Comprimento de vareta * Rod's Length Longueur des tiges
BS 2ªF	435	515	BS2 = H2 - 80
BI 2ªF	516	655	BI2 = H1 - 375

* O comprimento das varetas BS2 e BI2 é apenas indicativo, uma vez que a peça central do passador bidirecional de 2ªfolha poderá ser colocada em diversas posições.

The length of rods BS2 and BI2 is merely indicative, since the clamp bolt for 2nd leaf bi-directional can be placed in several positions.

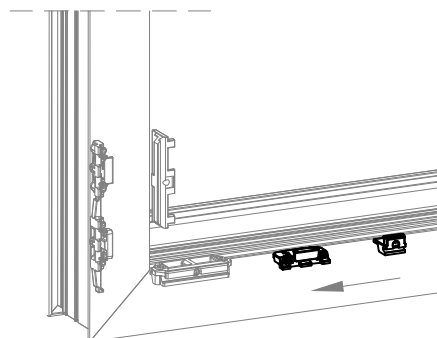
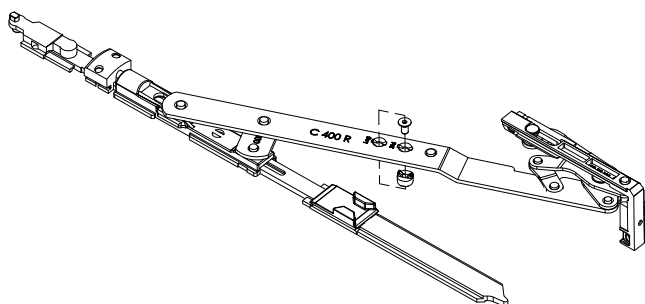
La longueur des tiges BS2 et BI2 n'est qu'indicative, puisque la pièce centrale du verrou en feuillure de 2^{ème} vantail peut être placée dans plusieurs positions.

FERRAGEM OSCILO-BATENTE *SECRET* - NOTAS DE PRODUÇÃO

SECRET TILT-AND-TURN HARDWARE - PRODUCTION CONSIDERATIONS

FERRURE OSCILLO-BATTANT *SECRET* - NOTES DE PRODUCTION

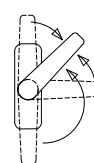
- Sempre que se usa o ponto de fecho "bola" deverá considerar-se furação Ø8 para aplicar o acessório;
Whenever the "ball" locking point is used, a hole with Ø8 should be considered to apply the accessory;
Chaque fois que le point de verrouillage "boule" est utilisé, un trou avec Ø8 doit être considéré pour appliquer l'accessoire;
- Quando se converte de manobra tradicional para lógica, para além da alteração no compasso, é necessário diminuir a distância entre os 2 pontos de fecho inferiores do aro;
When converting from traditional to logical maneuvering, in addition to the change of the arm, it is necessary to reduce the distance between the 2 lower closing points of the frame;
Lors de la conversion d'une manœuvre traditionnelle en manœuvre logique, outre le changement de compas, il est nécessaire de réduire la distance entre les 2 points de fermeture inférieurs du châssis;



- O acessório de micro-ventilação é colocado junto ao contra-fecho superior (no aro fixo) e é acionado pelo cremone a $\pm 112,5^\circ$ (tanto em manobra tradicional como lógica).

The micro-ventilation accessory is placed next to the top keeper (on the fixed frame) and is activated by the handle at $\pm 112.5^\circ$ (both in traditional and logical maneuvering).

L'accessoire de micro-ventilation est placé à côté de la gâche supérieure (sur le cadre dormant) et est actionné par la crémonne à $\pm 112,5^\circ$ (en manoeuvre traditionnelle et logique).



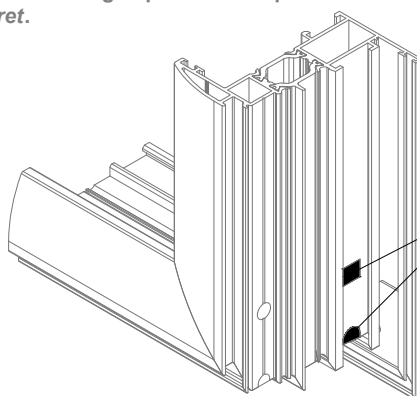
MICRO-VENTILAÇÃO
MICRO-VENTILATION
MICRO-VENTILATION

MUITO IMPORTANTE | VERY IMPORTANT | TRÈS IMPORTANT:

- Se verificar que os pitões dos esquadros sobressaem dos perfis, deverá limá-los de forma a que não ultrapassem a linha limite do alumínio. **Caso não o faça, esta saliência poderá comprometer o funcionamento das varetas e consequentemente de todo o sistema de fecho Oscilo-batente Secret.**

If you notice that the pythons of the brackets protrude from the profiles, you should file them so that they do not exceed the limit line of the aluminum. **If you do not do so, this protrusion could jeopardise the functioning of the rods and consequently of the entire Secret Tilt-and-turn hardware closure system.**

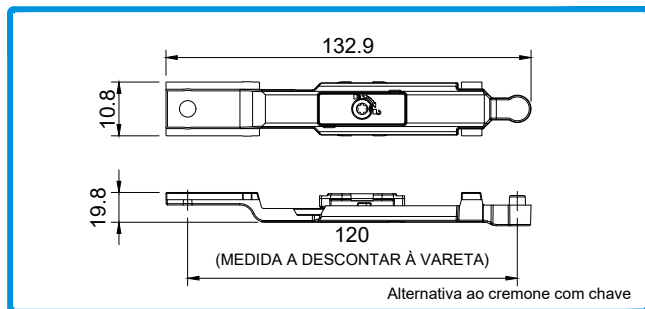
Si vous remarquez que les pythons des équerres dépassent des profilés, vous devez les limer de manière à ce qu'ils ne dépassent pas la ligne limite de l'aluminium. **Le non-respect de cette consigne pourrait compromettre le fonctionnement des tiges et donc l'ensemble du système de fermeture oscillo-battant Secret.**



LIMAR (SE NECESSÁRIO)
FILE (IF NECESSARY)
LIMER (SI NÉCESSAIRE)

Esta situação é mais recorrente nos sistemas de batente sem rebaixo de canal.
This situation is more frequent in casement systems without channel recess.
Cette situation est plus fréquente dans les systèmes à battants sans le canal surbaissé.

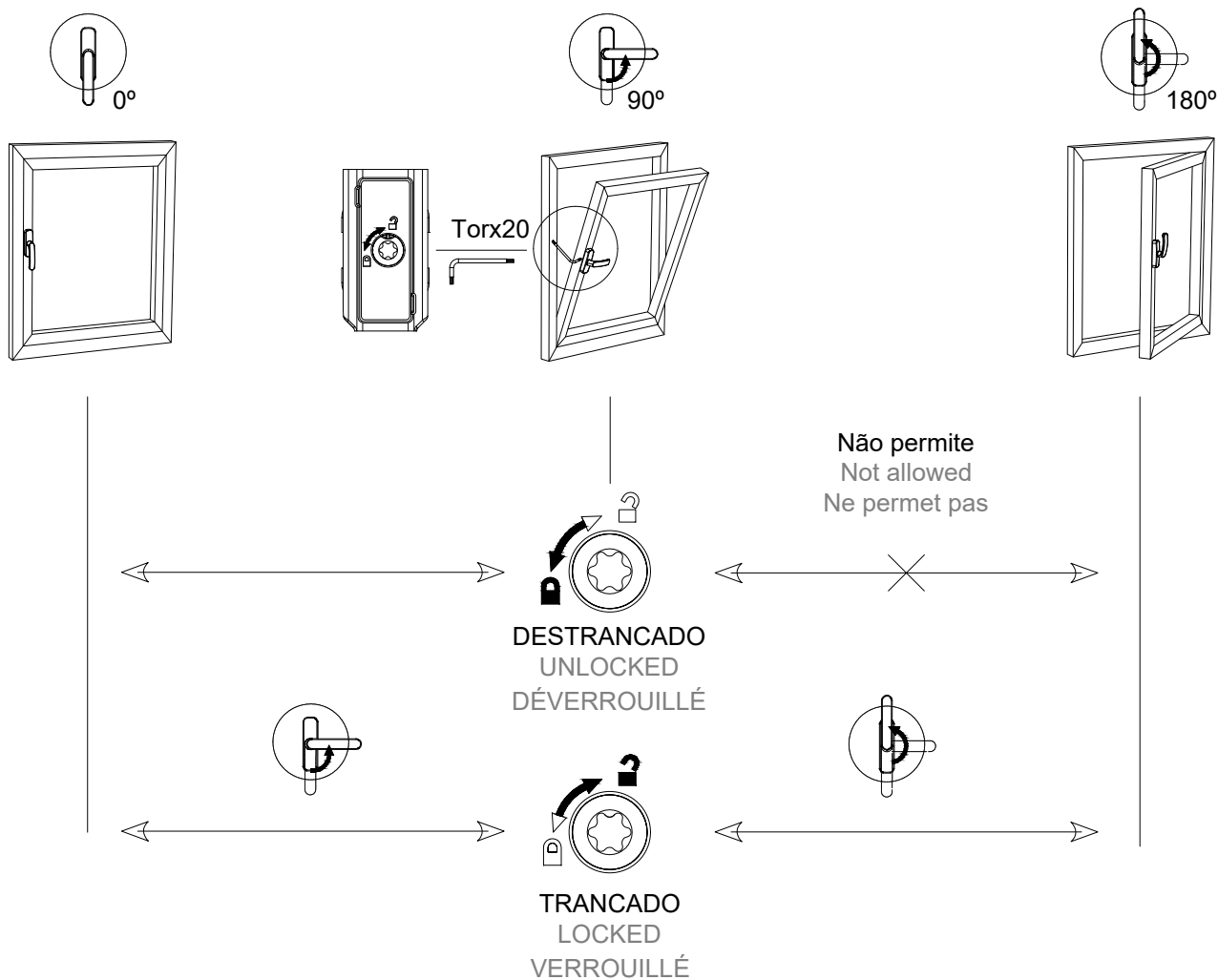
APLICAÇÃO DO SEQUENCIADOR DE MANOBRA LÓGICA
TILT-BEFORE-TURN SEQUENCER APPLICATION
APPLICATION DE SÉQUENCEUR DE MANOEUVRE LOGIQUE



299109

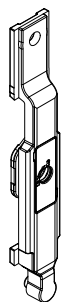
SEQUENCIADOR DE MANOB. LÓGICA

CONFIGURAÇÕES
SETTINGS | CONFIGURATIONS



APLICAÇÃO DO SEQUENCIADOR DE MANOBRA LÓGICA
TILT-BEFORE-TURN SEQUENCER APPLICATION
APPLICATION DE SÉQUENCEUR DE MANOEUVRE LOGIQUE

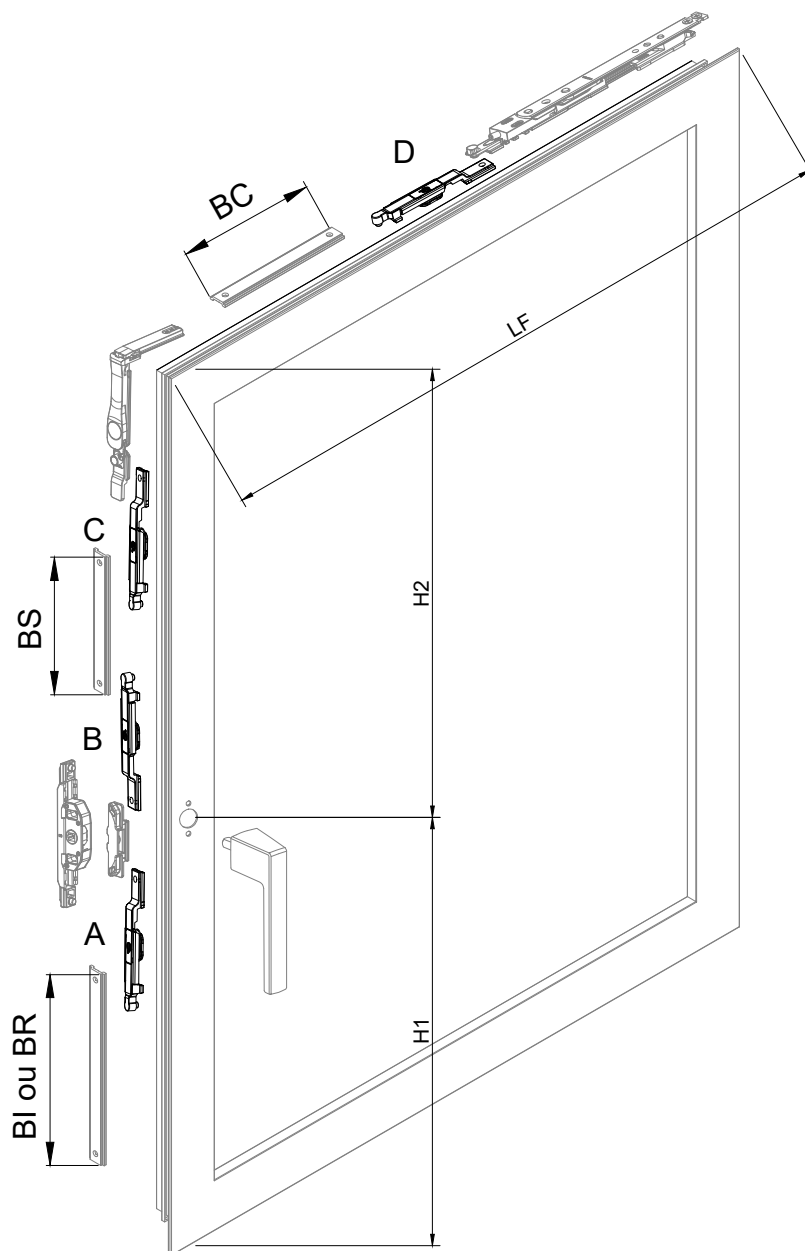
OPÇÕES DE POSIÇÕES DE INSTALAÇÃO
INSTALLATION POSITION OPTIONS
OPTIONS DE POSITION DE MONTAGE



POSIÇÕES A, C e D
POSITIONS A, C and D
POSITIONS A, C et D



POSIÇÃO B
POSITION B
POSITION B



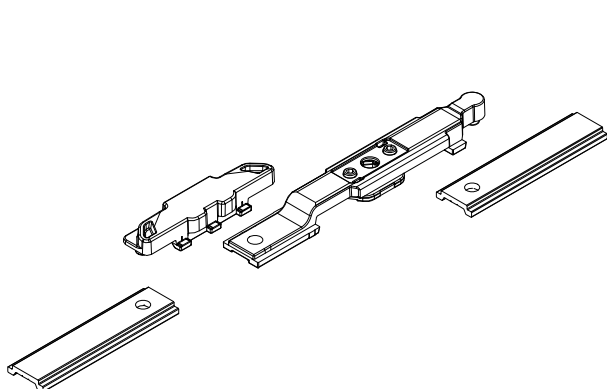
Medidas de corte de varetas
Rod's cutting measures | Mesures de coupe des des tringles

	BC		BS		BI		BR	
Posição Position Position	C400	C500	Manete Minimalista Minimalist handle Poigné minimaliste	Cremone Garfo Cremone Crémone	Manete Minimalista Minimalist handle Poigné minimaliste	Cremone Garfo Cremone Crémone	Manete Minimalista Minimalist handle Poigné minimaliste	Cremone Garfo Cremone Crémone
A			H2 - 216	H2 - 182	H1 - 313	H1 - 279	H1 - 302	H1 - 268
B	LF-459	LF-563	H2 - 336	H2 - 302	H1 - 193	H1 - 159	H1 - 182	H1 - 148
C								
D	LF-579	LF-683	H2 - 216	H2 - 182				

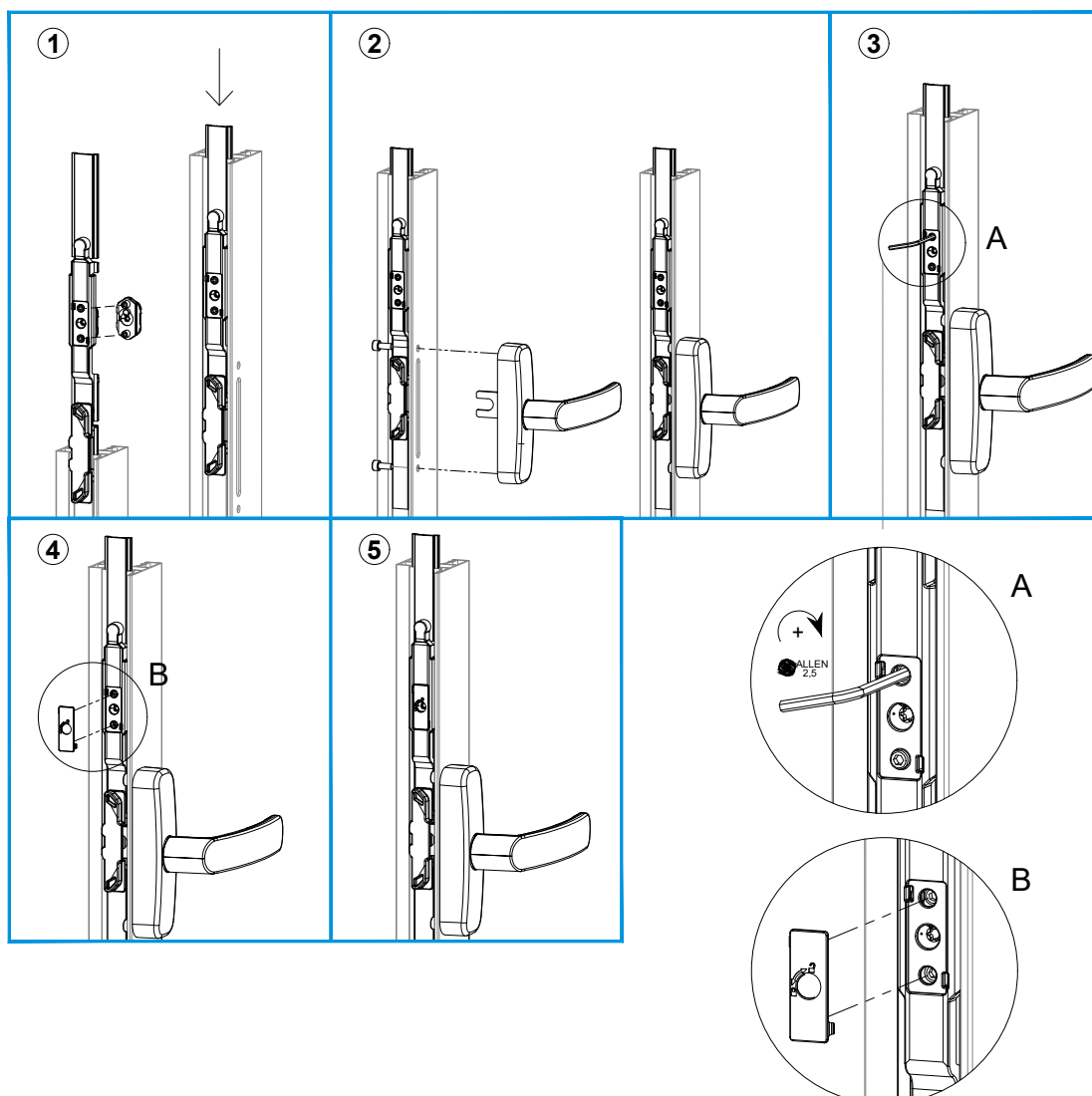
APLICAÇÃO DO SEQUENCIADOR DE MANOBRA LÓGICA
TILT-BEFORE-TURN SEQUENCER APPLICATION
APPLICATION DE SÉQUENCEUR DE MANOEUVRE LOGIQUE

INSTRUÇÕES DE MONTAGEM
ASSEMBLY INSTRUCTION
INSTRUCTIONS D'ASSEMBLAGE

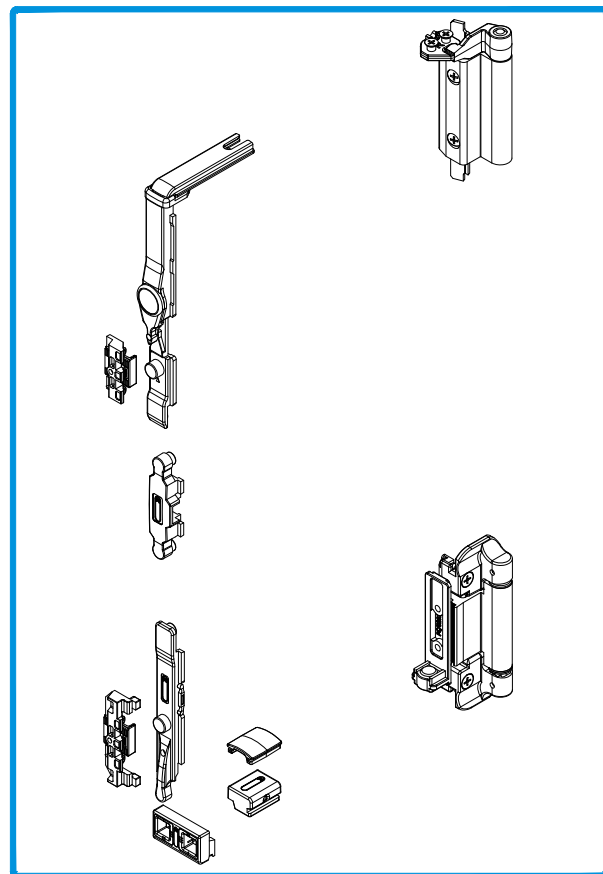
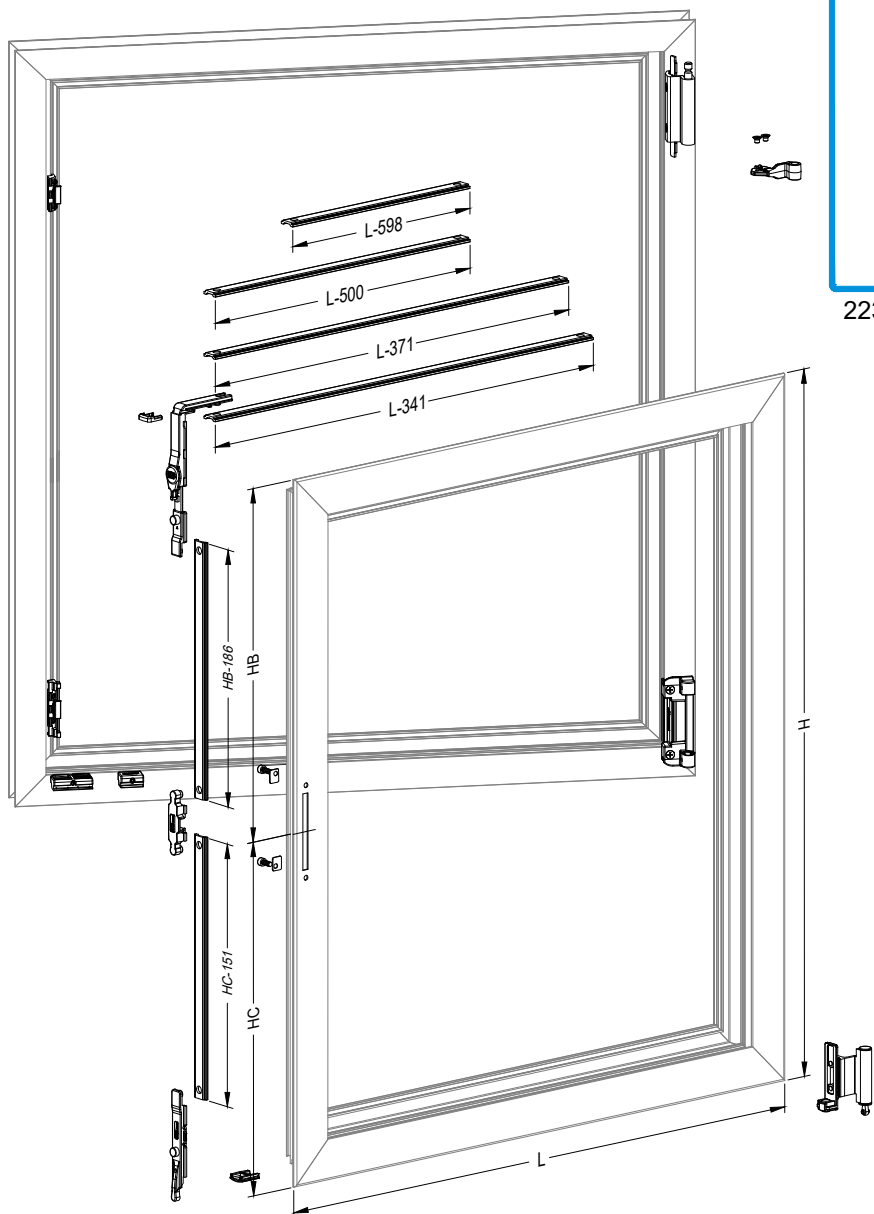
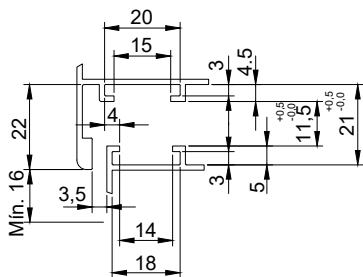
IMPORTANTE: O cremone deverá estar a 90° durante a instalação do acessório
IMPORTANT: The cremone should be at 90° during the accessory installation
IMPORTANT : La crémeone doit être à 90° pendant l'installation de l'accessoire.



A peça deverá ser aplicada de forma a que o fino fique sempre na parte superior.
 The part should be applied in such a way that the pin is always at the top.
 La pièce doit être appliquée de façon à ce que la goupille soit toujours en haut.



FERRAGEM PARA OSCILO-BATENTE SOSOARES - KIT OSCILOBATENTE OBS1 SEM CREMONE
 SOSOARES TIL-AND-TURN HARDWARE - OBS1 TILT-AND-TURN KIT WITHOUT HANDLE
 FERRURE OSCILLO-BATTANT SOSOARES - KIT OSCILO-BATTANT SANS CRÉMONE



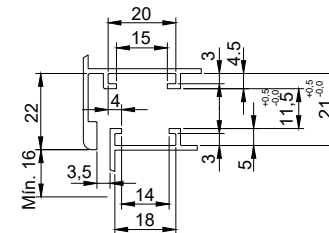
223252

KIT OSCILOBATENTE OBS1 S/CREMONE

FERRAGEM PARA OSCILO-BATENTE SOSOARES - MÁXIMO DE 130Kg - MANOBRA TRADICIONAL

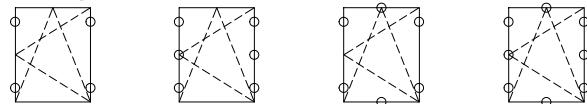
SOSOARES TIL-AND-TURN HARDWARE - 130Kg MAXIMUM - TRADITIONAL MANOEUVRE

FERRURE OSCILLO-BATTANT SOSOARES - MAXIMUM 130Kg - MANOEUVRE TRADITIONNELLE



1 FOLHA | 1 LEAF | 1 VANTAIL

Código	Artº No	Designação	Quant.	
COMPASSOS				
202505	1a	Compasso oscilo 18214 GRANDE	1	
202506	1b	Compasso oscilo 18213 PEQUENO	1	
202507	1c	Compasso oscilo 18223 MINI	1	
202508	1d	Compasso oscilo 18232 MICRO	1	
202069	2	COMPASSO SUPLEMENTAR 130300 *	1	
*Para larguras superiores a 1000mm aplicar o compasso suplementar				
KIT OSCILOBATENTE BASE				
223461	3	Dobradiça inferior regulável ambidestra	1	
	4	Dobradiça ambidestra superior	1	
	5	Ângulo de reenvio c/falsa manobra e ponto de fecho	1	
	6	Ponteira com ponto de fecho	1	
	7	Peça ligação à cremone em zamak com ponto de fecho	1	
	8	Cremone oscilobatente ambidestra	1	
	9	Apoio para folha	1	
	10	Calço apoio aro	1	
	11	Encontro fecho regulável	1	
	12	Encontro fecho regulável com anti-levantamento	1	
	13	Duplo encontro de fecho regulável	1	
	KIT OSCILOBATENTE COM CHAVE			
	223462	KIT OSCILOBATENTE BASE		
8a	Cremone oscilobatente ambidestra com chave	1		
KIT PARA 2ª FOLHA				
Conjunto de fecho de 2ª folha OB com alavanca				
223463	14	Fecho de alavanca zamak inferior c/ encontro fecho regulável	1	
	15	Fecho de alavanca zamak superior c/ encontro fecho regulável	1	
	16	Duplo encontro fecho regulável em zamak	1	
	17	Dobradiça inferior regulável ambidestra	1	
18	Dobradiça superior regulável ambidestra p/folha passiva	1		
DIVERSOS				
Conjunto de fecho fecho suplementar H/V - 18216				
212100	19	Ângulo de reenvio suplementar	1	
	20	Ponto de fecho suplementar	1	
	11	Encontro fecho regulável	2	
Ponto fecho rampa 2ª folha 18230				
211539	22	Peça do aro fixo	1	
	23	Peça da folha regulável	1	
Conjunto fecho suplementar 18222				
212101	20	Ponto fecho suplementar	1	
	11	Encontro fecho regulável	1	



Peso máximo aro móvel: 130Kg

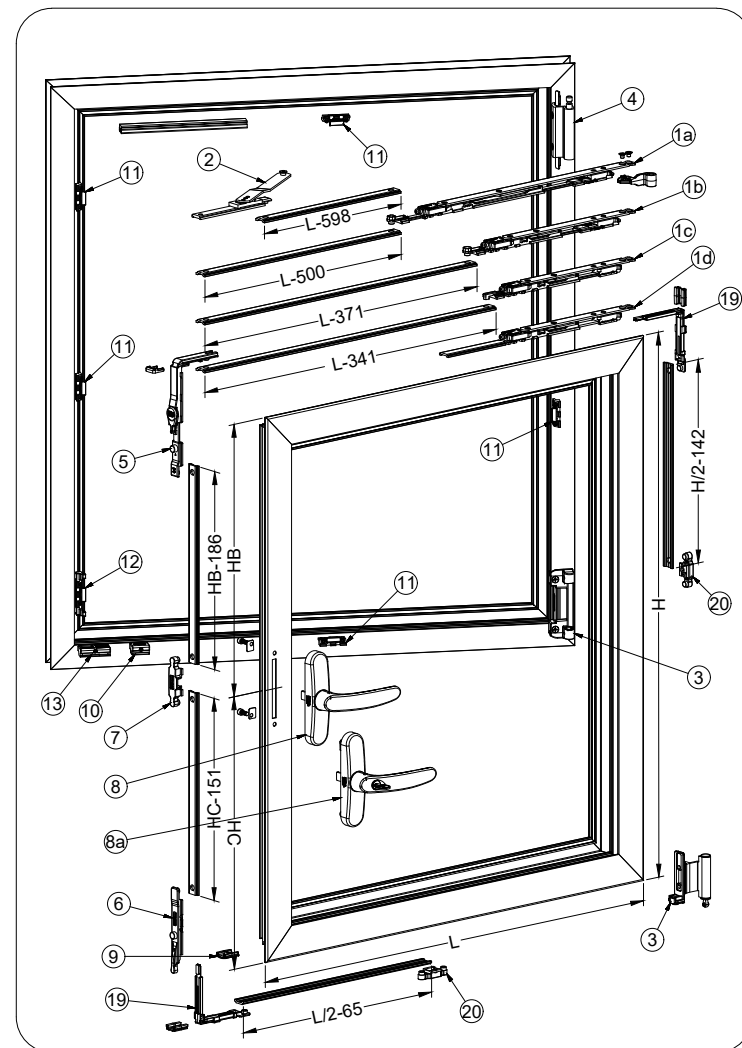
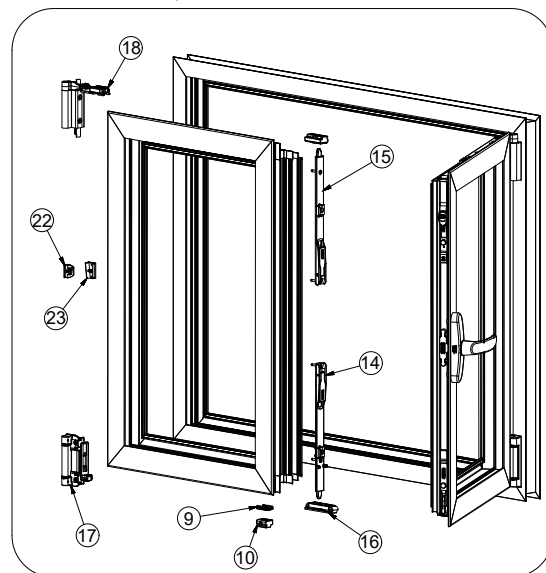
2700	48	48	48	44	38	34	32	27	24	21	19	17	16	14	13	12	12	11
2600	48	48	48	45	40	35	33	28	25	22	20	18	16	15	13	12	12	11
2500	48	48	48	47	41	36	34	29	26	23	20	18	17	16	14	13	13	12
2400	48	48	48	48	43	38	36	30	27	24	21	19	18	16	15	14	13	12
2300	48	48	48	48	45	40	37	32	28	25	22	20	18	17	16	15	14	13
2200	48	48	48	48	47	41	39	33	29	26	23	21	19	18	16	15	14	13
2100	48	48	48	48	48	43	41	35	30	27	24	22	20	19	17	16	15	14
2000	48	48	48	48	48	46	42	37	32	28	26	23	21	19	18	17	16	15
1900	48	48	48	48	48	48	45	39	34	30	27	24	22	20	19	18	17	16
1800	48	48	48	48	48	48	48	41	36	32	28	26	24	21	20	19	17	16
1700	48	48	48	48	48	48	48	43	38	33	30	27	25	22	21	20	18	17
1600	48	48	48	48	48	48	48	46	40	36	32	29	27	24	22	20	18	17
1500	48	48	48	48	48	48	48	48	43	38	34	31	28	24	23	20	18	17
1400	48	48	48	48	48	48	48	46	41	37	33	29	28	23	22	18	15	15
1300	48	48	48	48	48	48	48	48	44	40	34	33	28	24	21	18	15	15
1200	48	48	48	48	48	48	48	48	43	38	34	28	24	21	18	15	15	15
1100	48	48	48	48	48	48	48	48	44	44	38	34	28	24	21	18	15	15
1000	48	48	48	48	48	48	48	48	44	38	34	28	24	18	14	9	9	9
900	48	48	48	48	48	48	48	48	48	44	38	28	25	21	15	11	6	6
800	48	48	48	48	48	48	48	48	48	41	34	26	20	15	11	5	X	X
700	48	48	48	48	48	48	48	48	48	43	41	32	24	18	8	X	X	X
600	48	48	48	48	48	48	48	48	48	43	41	28	17	X	X	X	X	X
500	48	48	48	48	48	48	48	48	48	38	34	X	X	X	X	X	X	X
400	48	48	48	48	48	48	48	48	48	X	X	X	X	X	X	X	X	X
340																		
370																		
400																		
435																		
500																		
563																		
600																		
700																		
800																		
900																		
1000																		
1100																		
1200																		
1300																		
1400																		
1500																		
1600																		
1700																		

Altura | Height | Hauteur

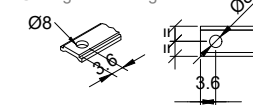
Largura | Width | Largeur

1>> 48 - Espessura máxima de vidro 2>> x - Não realizável
Maximum glass thickness Not feasible
Épaisseur maximale du verre Non réalisable

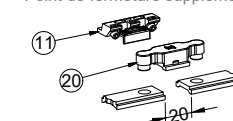
FOLHA PASSIVA | NON-ACTIVE LEAF | VANTAIL SEMI-FIXE



Maquinação universal barras cremone
Rod's universal machining
Usinages des tringles



Pontos suplementares
Supplementary locking points
Point de fermeture supplémentaire



SISTEMA ST
System Systeme

MAQUINAÇÃO PARA MECANISMO MONO 90 EXT 0507177 - JANELAS DE BATENTE
TRANSMISSION BOX 90° EXT 0507177 MACHINING - CASEMENT OPENING
USINAGE DU BOÎTE DE TRANSMISSION 90° EXT 0507177 - FENÊTRE À BATTANT



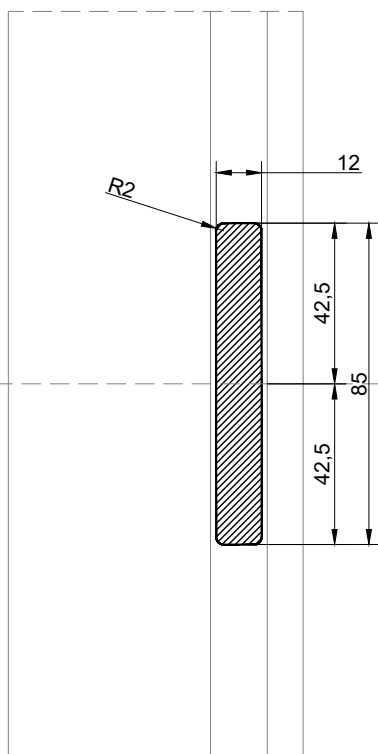
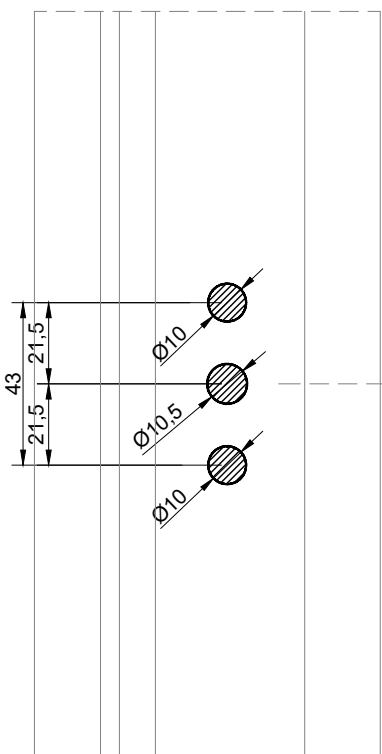
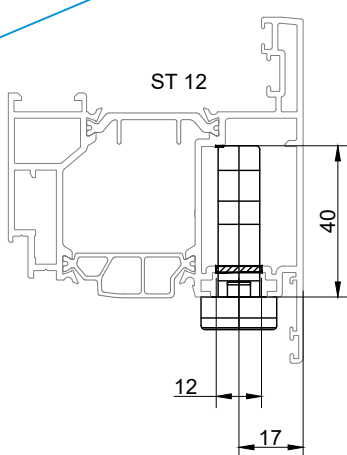
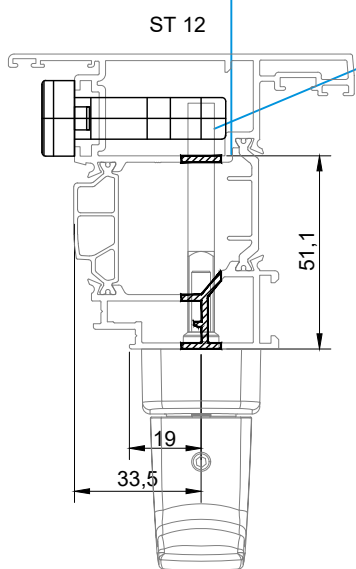
228012

MECANISMO MONO 90 EXT 0507177

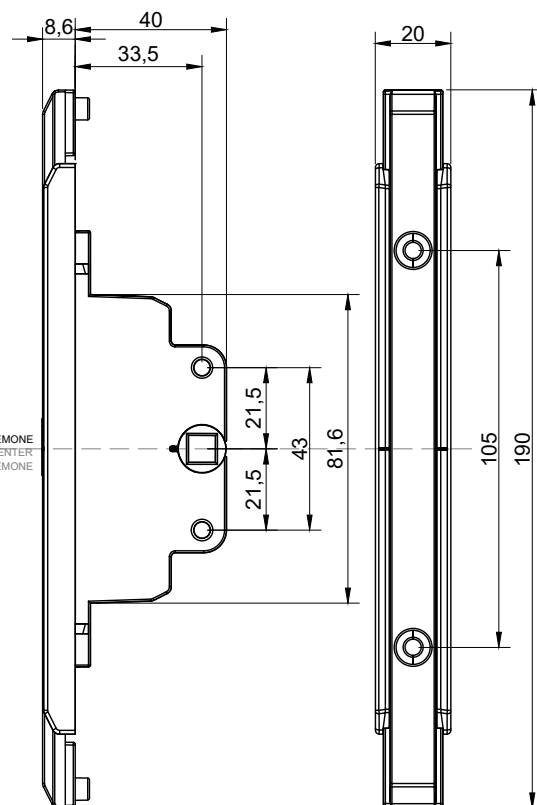


223102

KIT FIXAÇÃO ABERTURA EXTERIOR



CENTRO DO CREMONE
FRANÇISE CENTER
CENTRE DE LA CRÉMONE



MAQUINAÇÃO PARA MECANISMO MONO 180 EXT 0507178 - JANELAS DE BATENTE OU OSCILO-BATENTE

TRANSMISSION BOX 180 EXT 0507178 MACHINING - CASEMENT OR TILT-AND-TURN OPENING

USINAGE DU BOÎTE DE TRANSMISSION 180 EXT 0507178 - FENÊTRE À BATTANT OU OSCILO-BATTANT



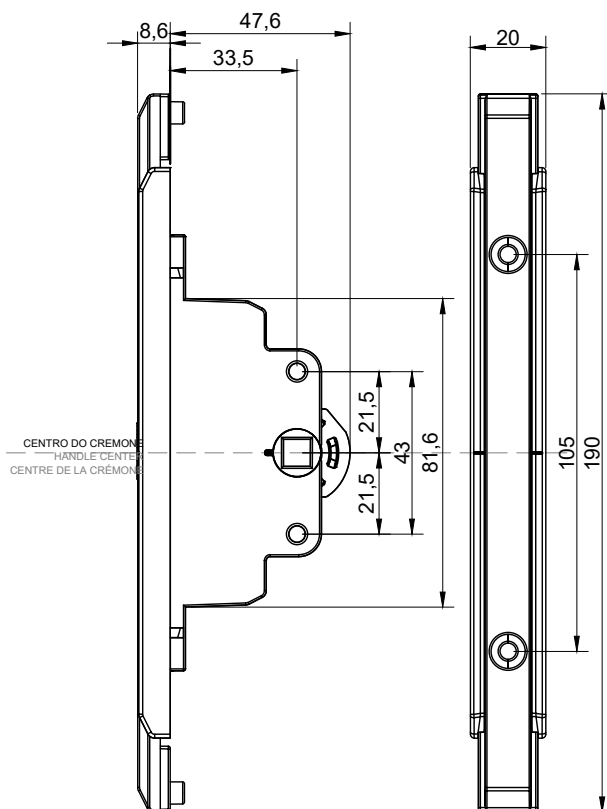
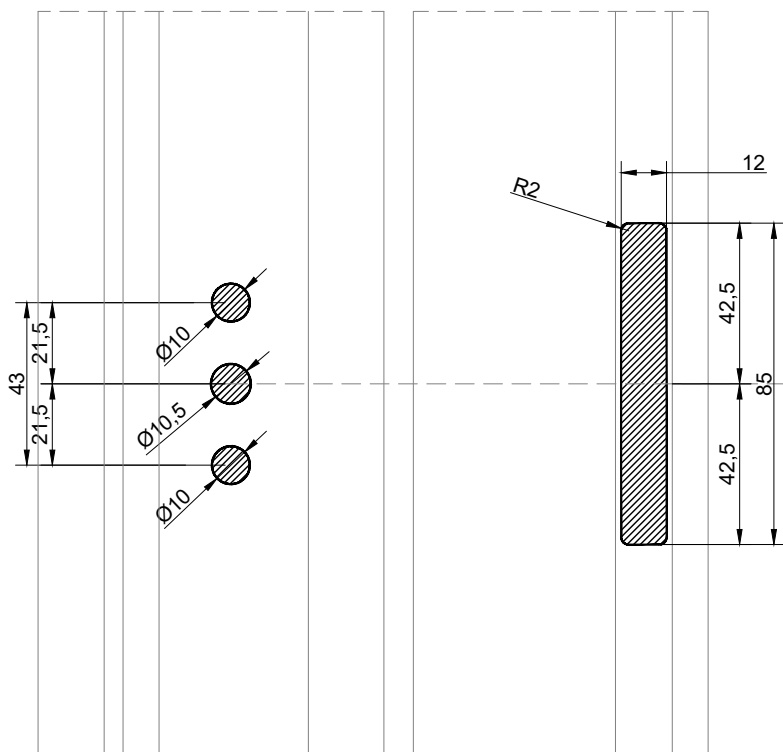
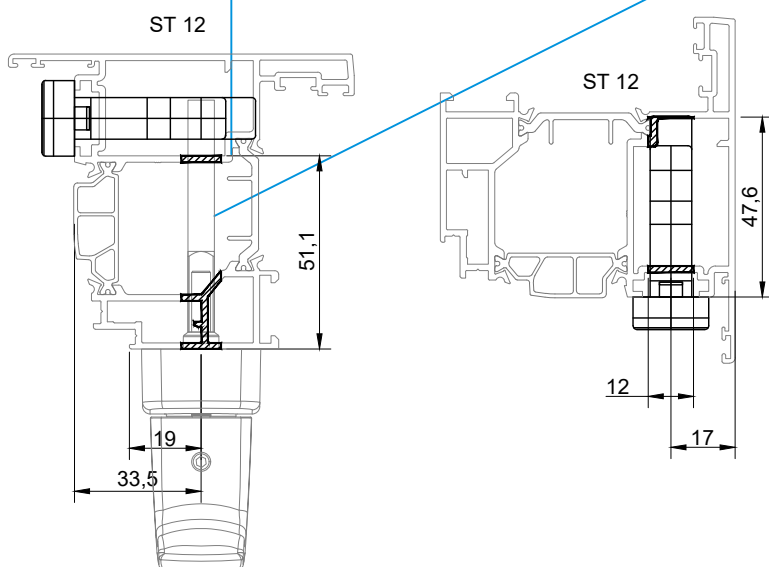
228013

MECANISMO MONO 180 EXT 0507178



223102

KIT FIXAÇÃO ABERTURA EXTERIOR



KIT FIXAÇÃO PARA ACIONADORES

BRACKET KIT FOR CHAIN ACTUATORS

KIT ETRIERES POUR BOÎTIER A CHAINE

KIT FIXAÇÃO PARA ACIONADORES - JANELAS PROJETANTES

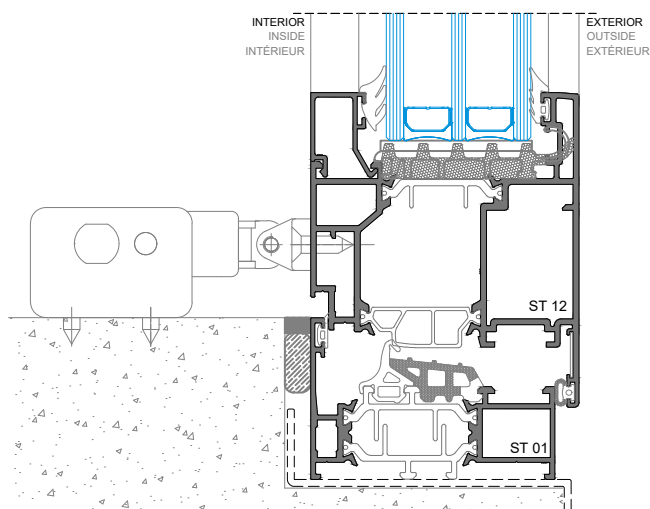
BRACKET KIT FOR CHAIN ACTUATORS - AWNING WINDOWS

KIT ETRIERES POUR BÔITIER A CHAINE - FENÊTRE À L'ITALIENNE

FIXAÇÃO DIRETA - NÃO SÃO NECESSÁRIOS KITS DE FIXAÇÃO

DIRECT FIXING - NO BRACKET KITS REQUIRED

FIXATION DIRECTE - NE PAS NECESSITER DES KITS ETRIERES



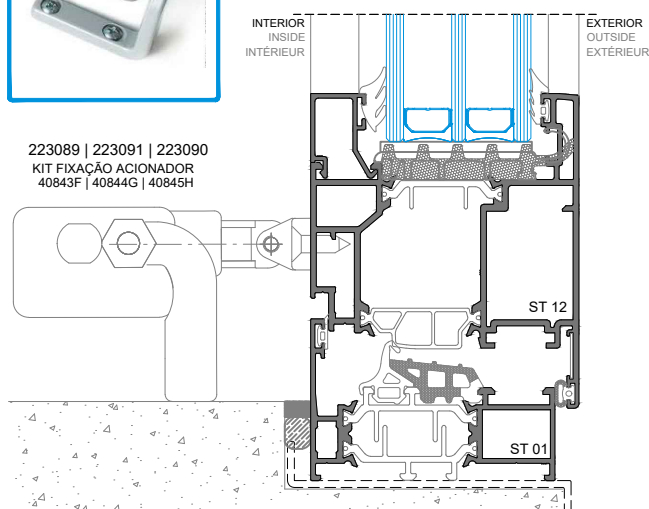
FIXAÇÃO NO PEITORIL - UTILIZAR O KIT DE FIXAÇÃO

WINDOW-SILL FIXING - APPLY THE BRACKET KIT

FIXATION DANS LE SEUIL - UTILISER LE KIT ETRIERES



223089 | 223091 | 223090
KIT FIXAÇÃO ACIONADOR
40843F | 40844G | 40845H



KIT FIXAÇÃO PARA ACIONADORES - JANELAS BACULANTES

BRACKET KIT FOR CHAIN ACTUATORS - HOPPER WINDOWS

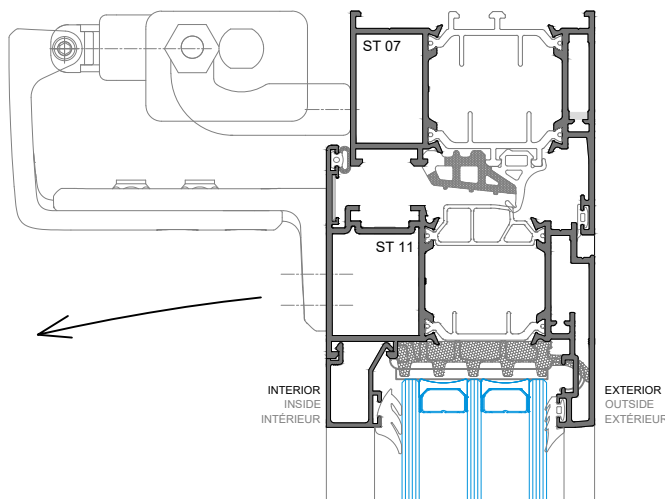
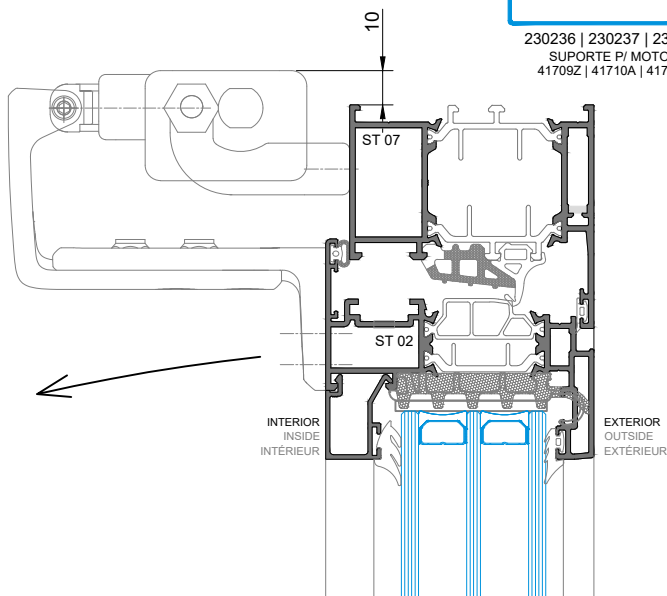
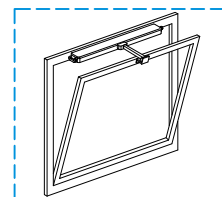
KIT ETRIERES POUR BÔITIER A CHAINE - FENÊTRE À SOUFFLET



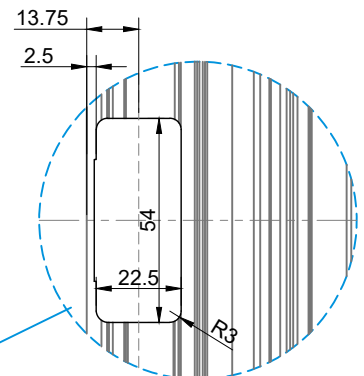
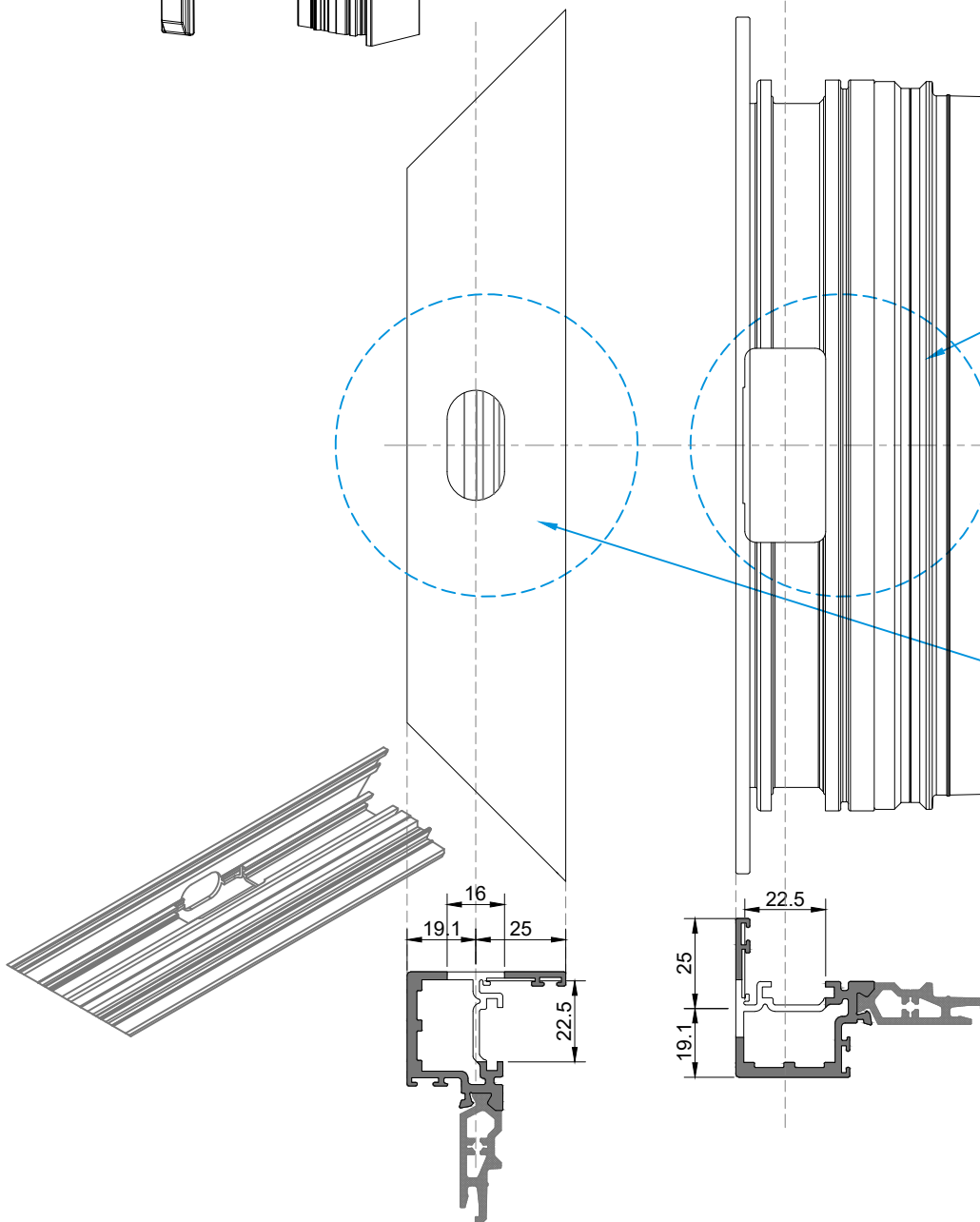
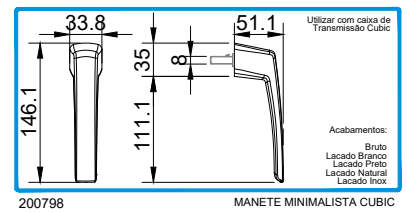
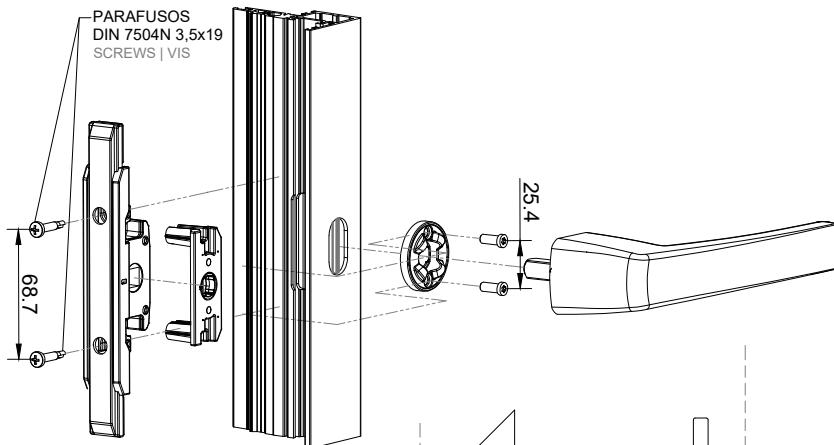
230236 | 230237 | 230238
SUPORE P/ MOTOR
41709Z | 41710A | 41711B



223089 | 223091 | 223090
KIT FIXAÇÃO ACIONADOR
40843F | 40844G | 40845H

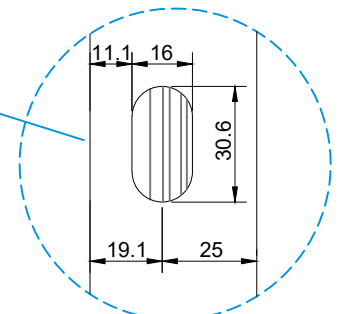


MONTAGEM DA MANETE MINIMALISTA CUBIC - ST OCULTA
ASSEMBLY OF THE MINIMALIST HANDLE CUBIC - ST CONCEALED
MONTAGE DE POIGNÉ MINIMALISTE CUBIC - ST OCULTA



1ª MAQUINAÇÃO
1ST MACHINING | 1^{ÈRE} USINAGE

CENTRO DO CREMONE
HANDLE'S CENTER
CENTRE DU POIGNÉE



2ª MAQUINAÇÃO
2ND MACHINING | 2^{ÈME} USINAGE

RECOMENDA-SE QUE AS MAQUINAÇÕES SEJAM FEITAS NA ORDEM ACIMA DISCRIMINADA DE FORMA A PREVENIR PEQUENAS DEFORMAÇÕES.

IT IS RECOMENDED THAT THE MACHINING BE MADE IN THE ABOVE ORDER TO PREVENT DEFORMATION.

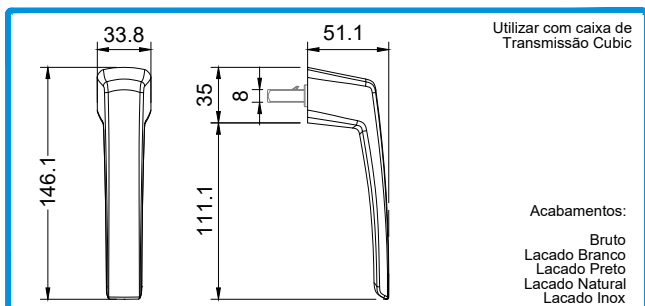
IL EST RECOMMANDÉ DE RÉALISER L'USINAGE DANS L'ORDRE SUSMENTIONNÉ AFIN DE PRÉVENIR LA DÉFORMATION.

AS MAQUINAÇÕES DEVEM TER EM CONTA A MAQUINARIA DO CLIENTE E SEREM PREVIAMENTE TESTADAS POIS PODEM EXISTIR VARIAÇÕES DE FRESAS OU PEQUENOS AJUSTES DE PROGRAMA.

MACHINING SHOULD CONSIDER CUSTOMER MACHINERY AND BE PREVIOUSLY TESTED AS MILLING VARIATIONS MAY BE MADE OR SMALL PROGRAM ADJUSTMENTS.

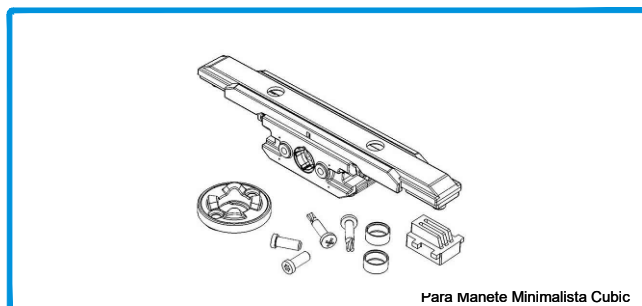
L'USINAGE DOIT CONSIDÉRER LES MACHINES DU CLIENT ET ÊTRE TESTÉ PRÉALABLEMENT QUE DES VARIATIONS D'USINAGE PEUVENT ÊTRE EFFECTUÉES OU DE PETIT AJUSTEMENTS DE PROGRAMME.

MAQUINAÇÕES PARA MANETE MINIMALISTA CUBIC
MINIMALIST HANDLE CUBIC MACHINING
USINAGE DE LA CRÉMONE MINIMALISTE CUBIC



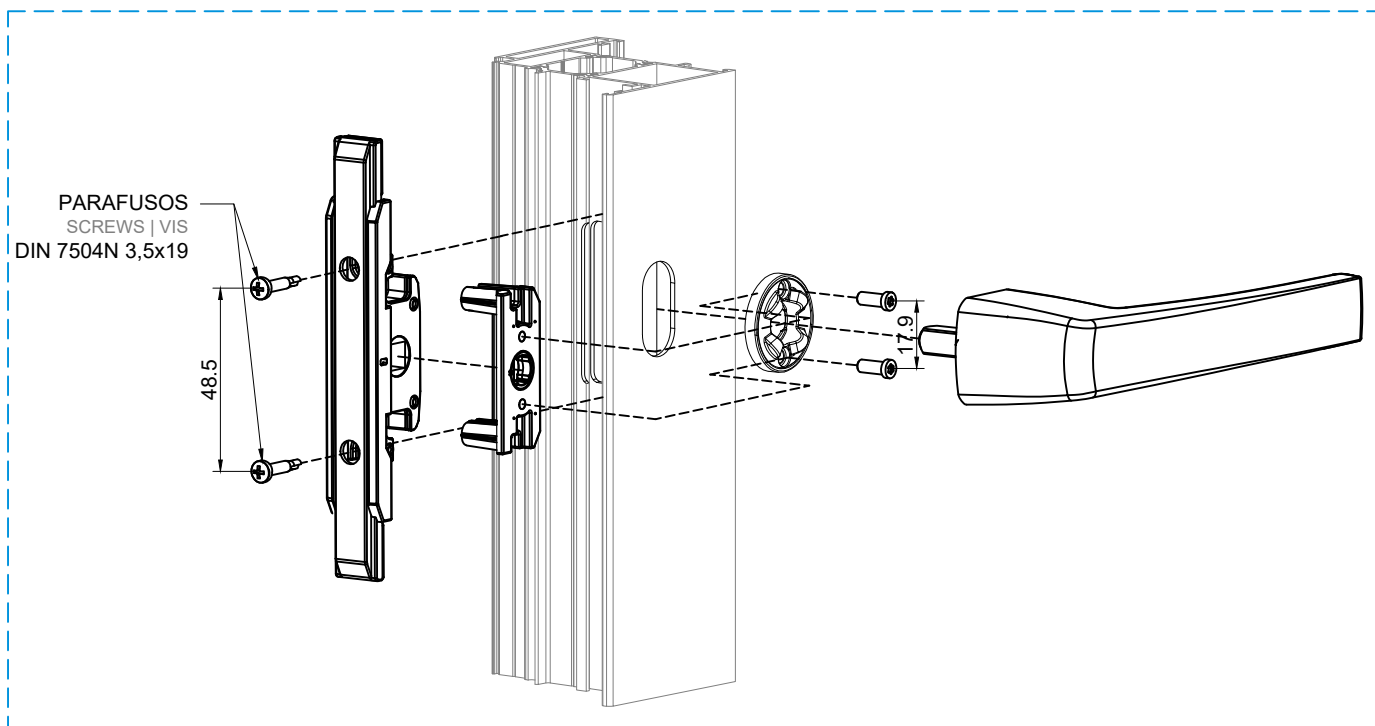
200798

MANETE MINIMALISTA CUBIC

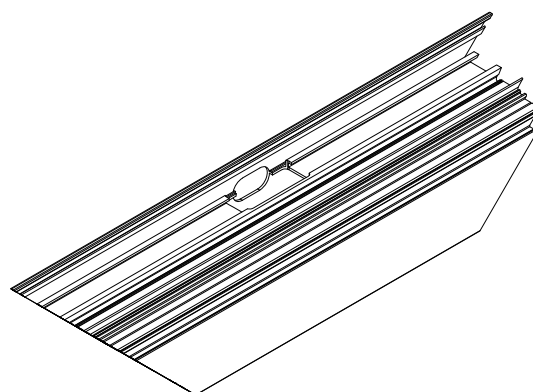
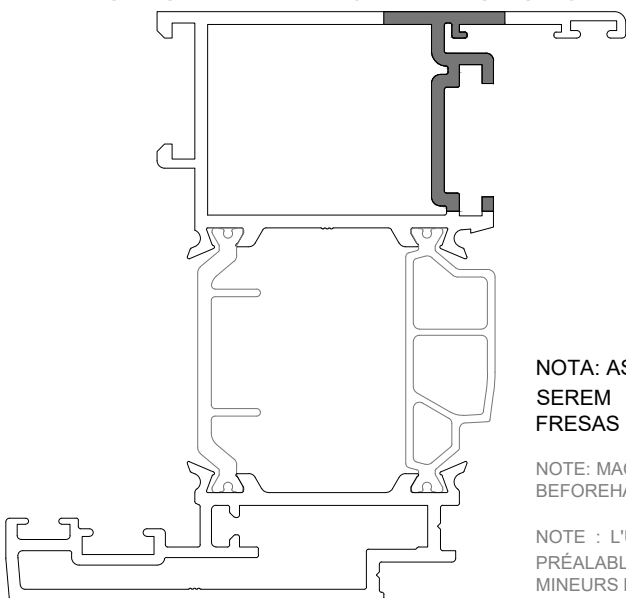


203017

CAIXA TRANSMISSÃO PARA MANETE MINIMALISTA CUBIC + MECANISMO BASE



EXEMPLO: MAQUINAÇÃO NA ABA INTERIOR DO PERFIL LT 11
EXAMPLE: MACHINING IN THE INNER HALF-PROFILE OF THE LT 11 PROFILE
EXEMPLE : USINAGE DANS LE SEMI-PROFILÉ INTÉRIEUR DU PROFILÉ LT 11

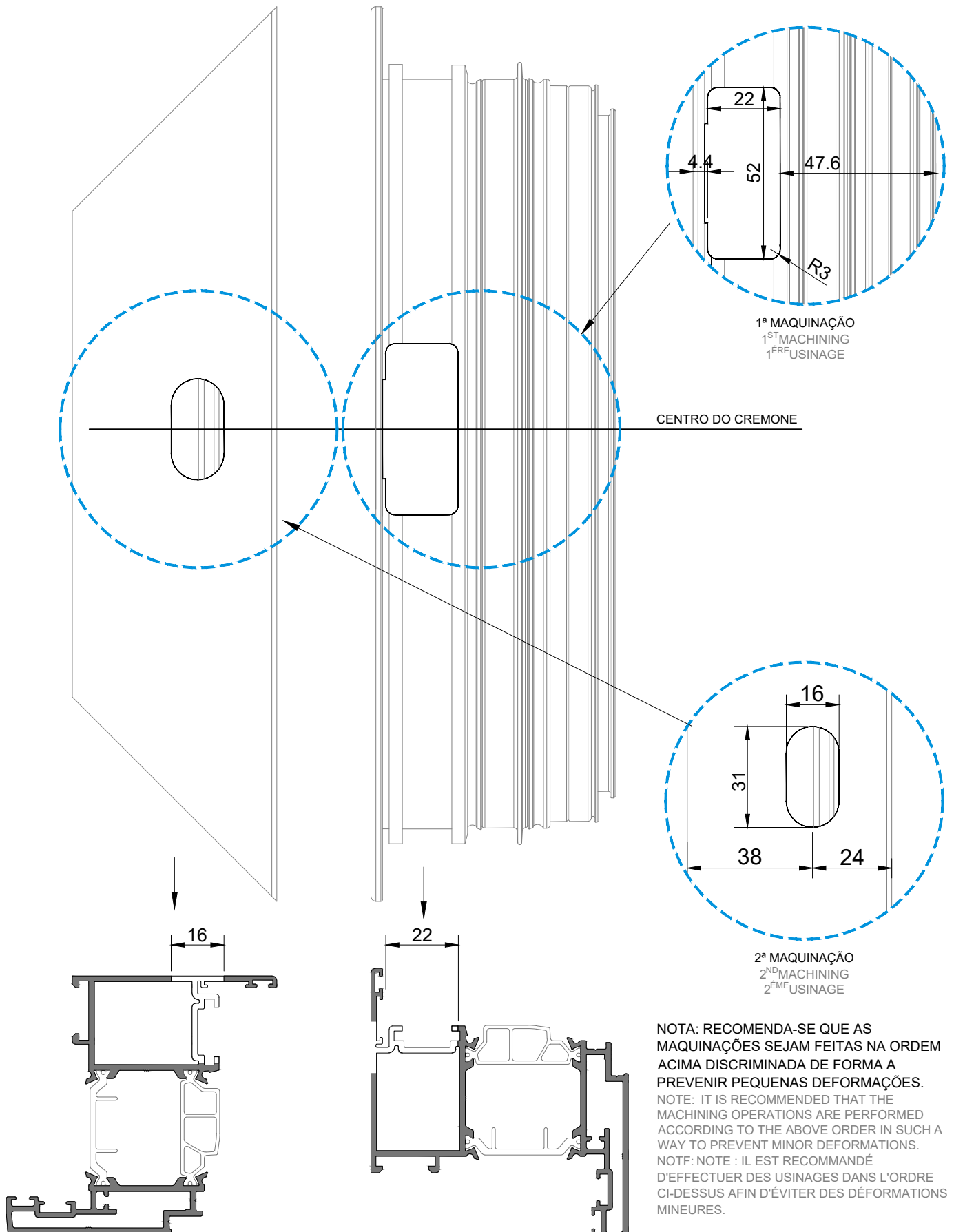


NOTA: AS MAQUINAÇÕES DEVEM TER EM CONTA A MAQUINARIA DO CLIENTE E SEREM PREVIAMENTE TESTADAS POIS PODEM EXISTIR VARIAÇÕES DE FRESAS OU PEQUENOS AJUSTES DE PROGRAMA.

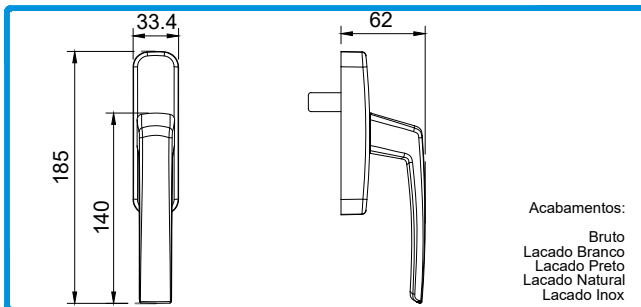
NOTE: MACHINING MUST TAKE CUSTOMER'S MACHINERY INTO ACCOUNT AND BE TESTED BEFOREHAND AS THERE MAY BE MILLING VARIATIONS OR MINOR PROGRAM ADJUSTMENTS

NOTE : L'USINAGE DOIT TENIR COMPTE DES MACHINES DU CLIENT ET ÊTRE TESTÉ AU PRÉALABLE CAR IL PEUT Y AVOIR DES VARIATIONS DE FRAISAGE OU DES AJUSTEMENTS MINEURS DU PROGRAMME.

MAQUINAÇÕES PARA MANETE MINIMALISTA CUBIC
MINIMALIST HANDLE CUBIC MACHINING
USINAGE DE LA CRÉMONE MINIMALISTE CUBIC

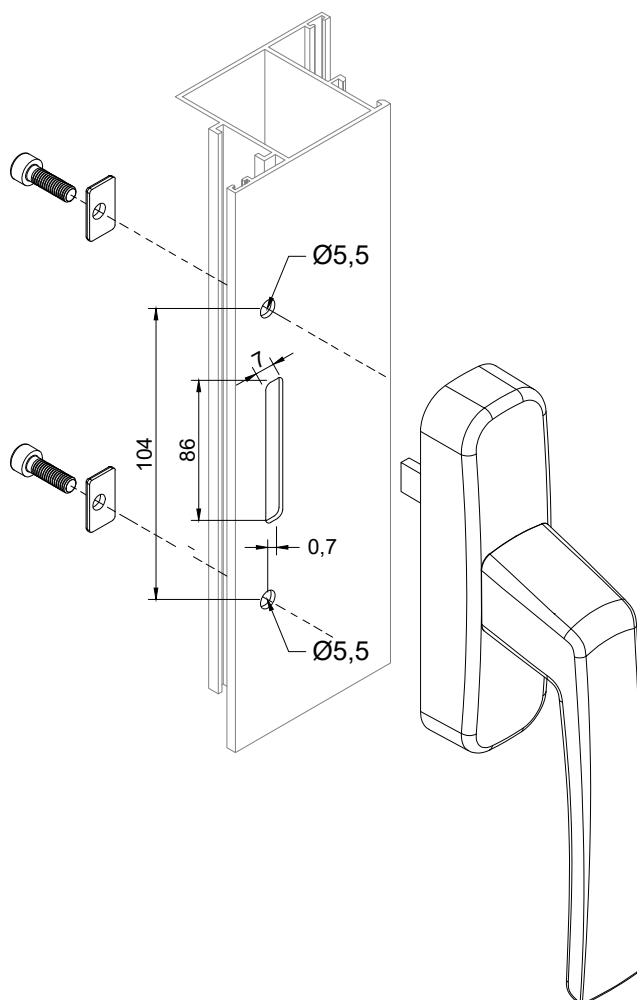


MAQUINAÇÕES PARA CREMONE OSCILO-BATENTE CUBIC
TILT-AND-TURN CUBIC HANDLE MACHINING
USINAGE DE LA CRÉMONE OSCILO-BATTANT CUBIC

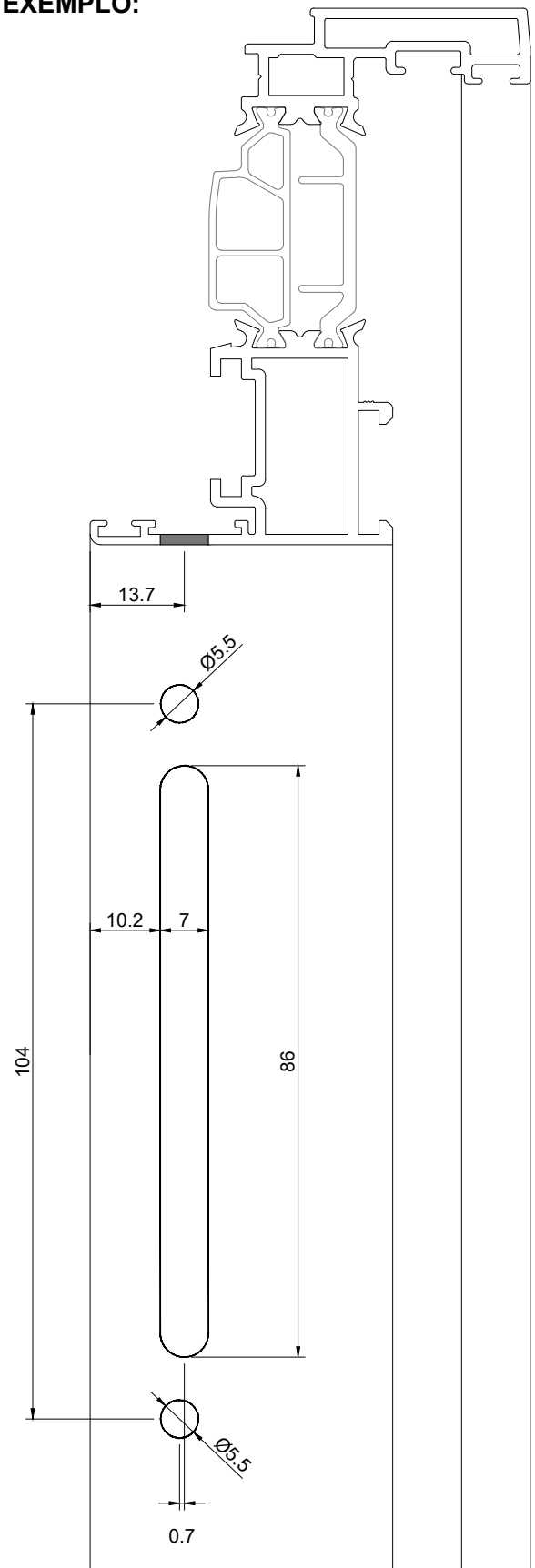


200507

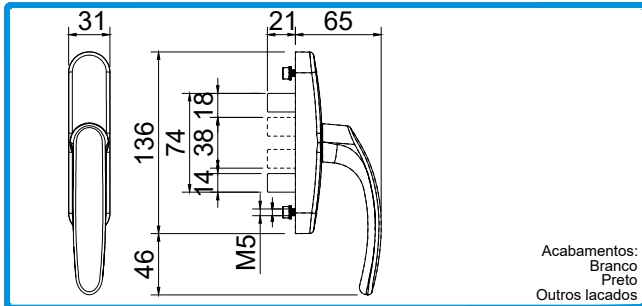
CREMONE OSCILO-BATENTE CUBIC



EXEMPLO:

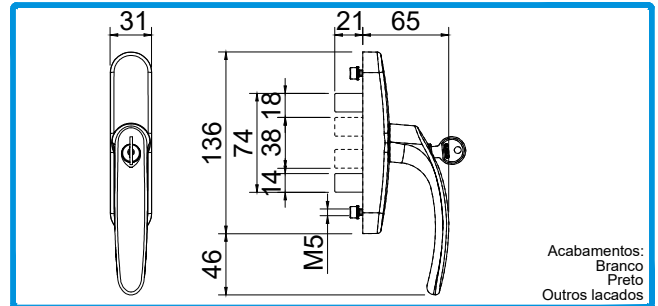


MAQUINAÇÕES PARA CREMONE BATENTE SOSOARES
CASEMENT SOSOARES HANDLE MACHINING
USINAGE DE LA CRÉMONE BATTANT SOSOARES



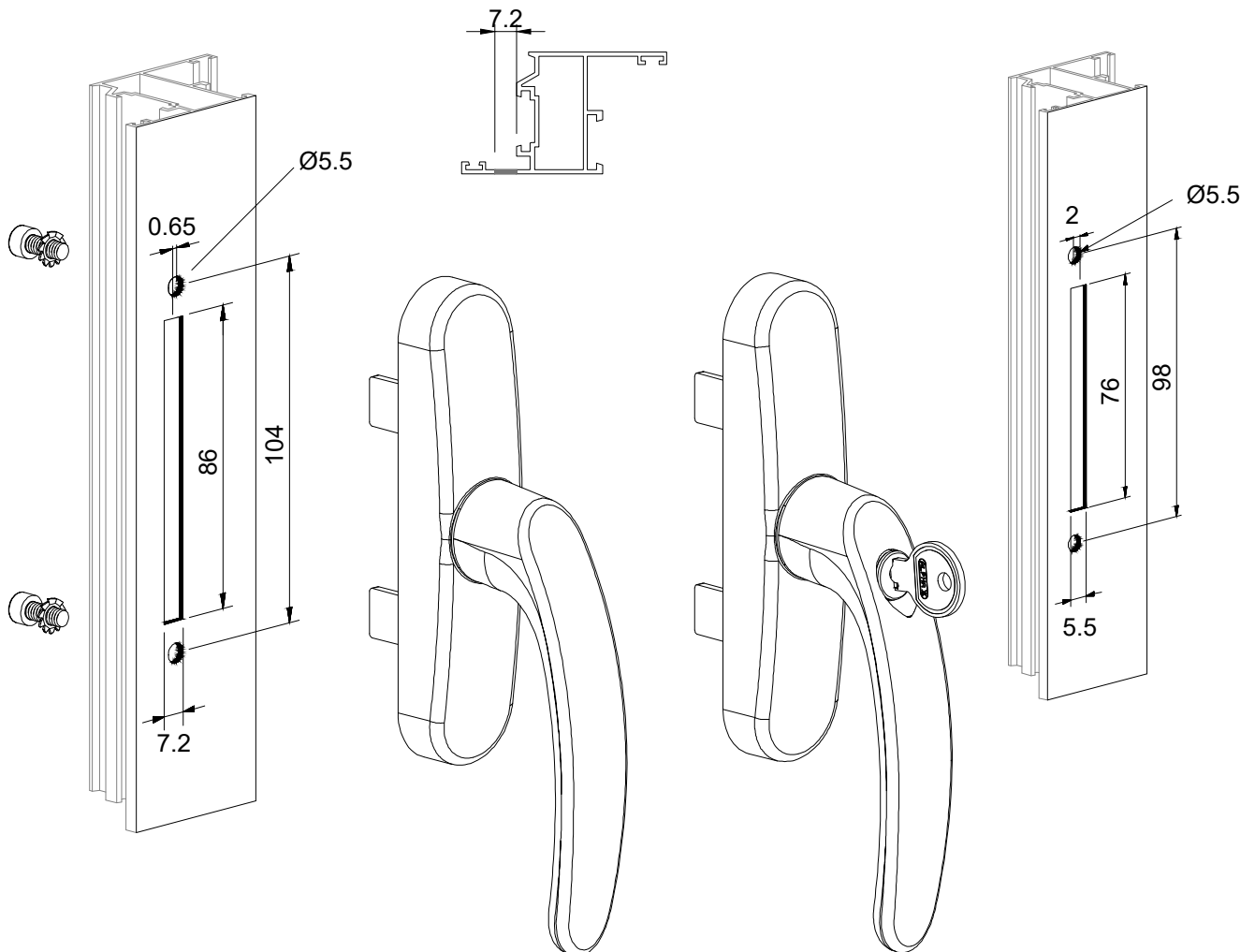
200936

CREMONE SB 620

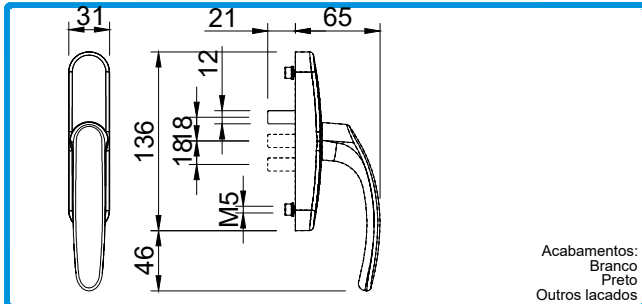


200384

CREMONE 620K C/CHAVE



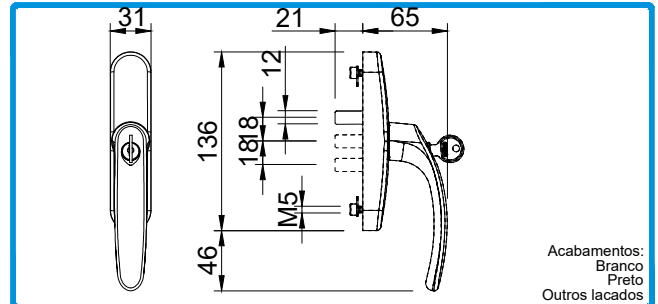
MAQUINAÇÕES PARA CREMONE OSCILO-BATENTE SOSOARES
TILT-AND-TURN SOSOARES HANDLE MACHINING
USINAGE DE LA CRÉMONE OSCILO-BATTANT SOSOARES



200453

CREMONE SB P/O-B 645

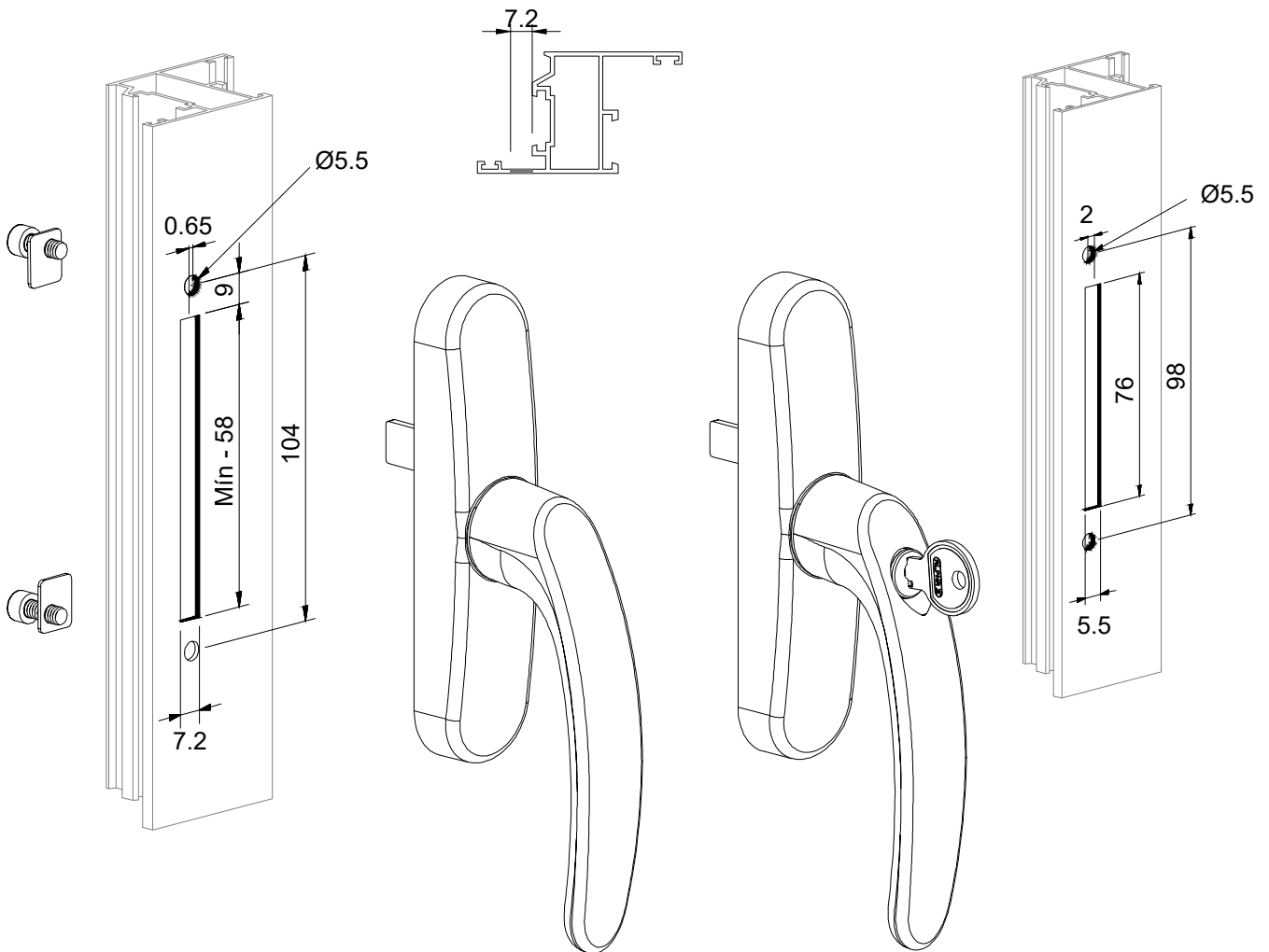
Acabamentos:
Branco
Preto
Outros lacados



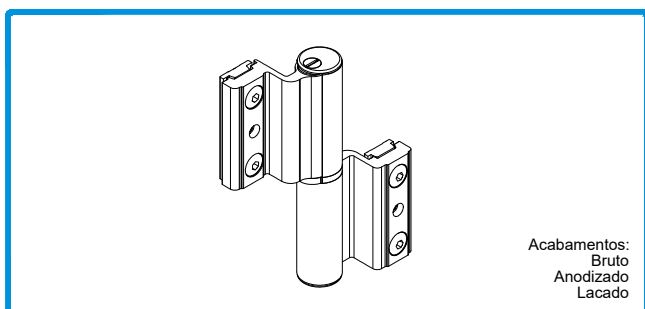
200169

CREMONE SB P/O-B 645 C/CHAVE

Acabamentos:
Branco
Preto
Outros lacados



DOBRADIÇA DE PORTA 2 LEMES COM AFINAÇÃO 3D - APLICAÇÃO
DOOR HINGE WITH 2 LEAVES WITH 3D TUNING - APPLICATION
PAUMELLE DE PORTE À DEUX LAMES DE RÉGLAGE 3D - APPLICATION



Acabamentos:
Bruto
Anodizado
Lacado

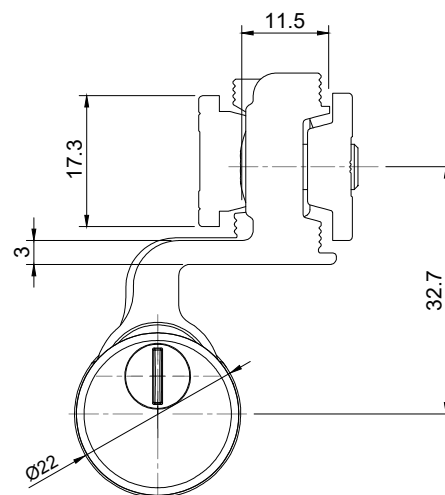
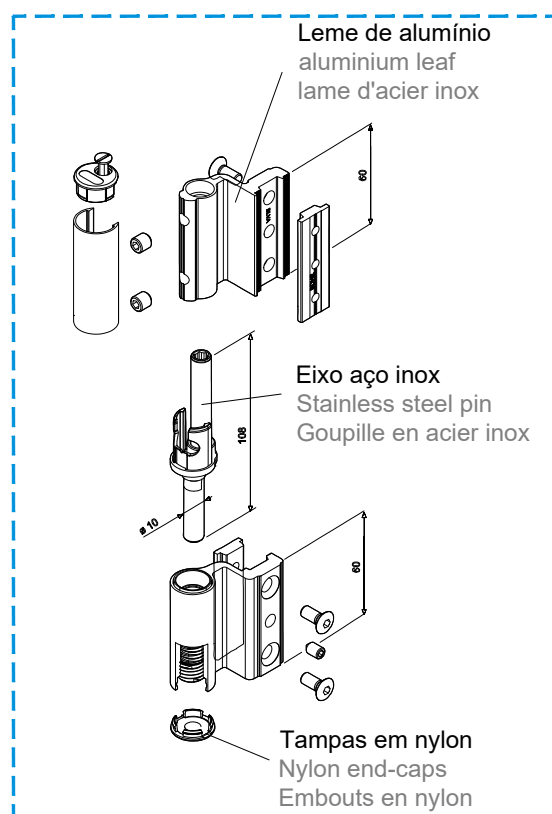
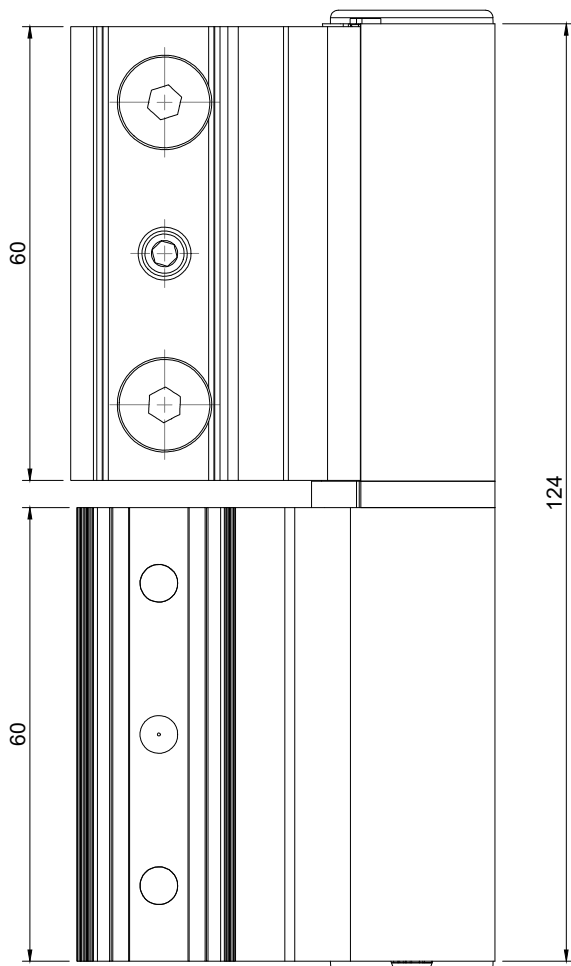
202235

DOBRADIÇA PORTA 2L AFINAÇÃO 3D

Dobradiça de porta para câmara europeia de dois lemes, de aperto directo nos canais dos perfis com corpo de alumínio, eixos e parafusos em aço inox e topos em nylon, de afinação tridimensional.

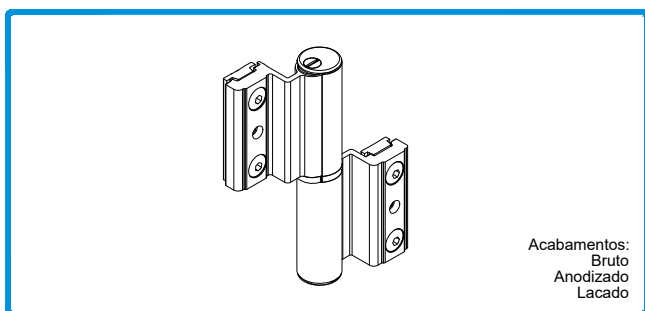
Door hinge for European chamber with two leaves, of direct tightening in the channels of the profiles with aluminium body, axles and screws in stainless steel and nylon tops, of three-dimensional tuning.

Paumelle de porte pour chambre européenne à deux lames, de serrage direct dans les canaux des profilés avec corps en aluminium, axes et vis en acier inoxydable et embuts en nylon, de réglage tridimensionnel.



DOBRADIÇA 3ª F DE PORTA 2 LEMES COM AFINAÇÃO 3D - APLICAÇÃO
3RD LEAF DOOR HINGE WITH 2 LEAVES WITH 3D ADJUSTMENT - APPLICATION

PAUMELLE DE 3^{EME} VANTAIL DE PORTE À DEUX LAMES DE RÉGLAGE 3D - APPLICATION



Acabamentos:
Bruto
Anodizado
Lacado

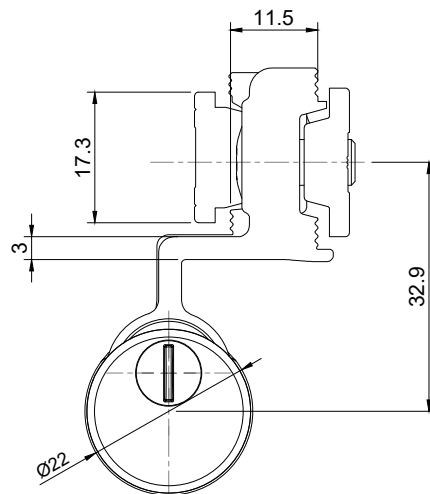
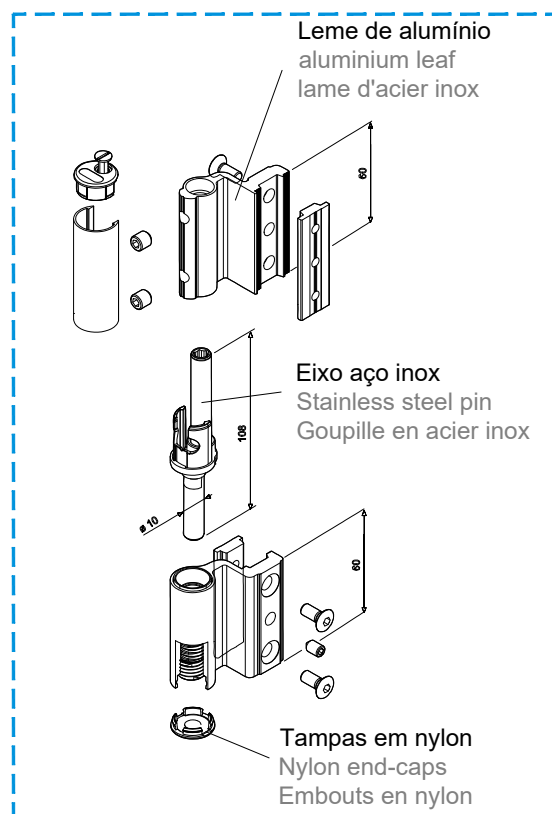
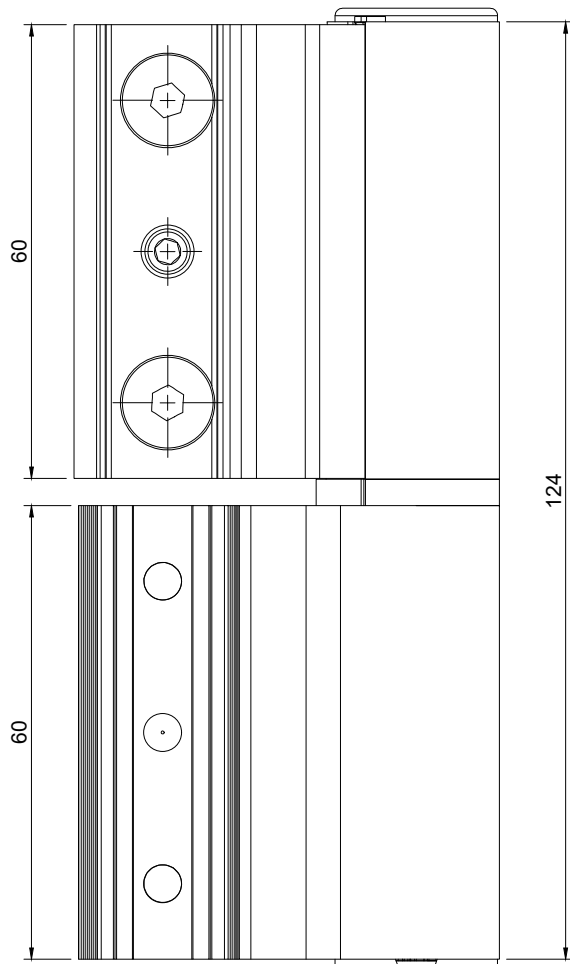
202236

DOB. 3ª F PORTA 2L AFINAÇÃO 3D

Dobradiça 3ª folha de porta para câmara europeia de dois lemes, de aperto directo nos canais dos perfis com corpo de alumínio, eixos e parafusos em aço inox e topos em nylon, de afinação tridimensional.

3rd leaf door hinge for European chamber with two leaves, of direct tightening in the channels of the profiles with aluminium body, axles and screws in stainless steel and nylon tops, of three-dimensional tuning.

Paumelle de 3^{eme} vantail de porte pour chambre européenne à deux lames, de serrage direct dans les canaux des profilés avec corps en aluminium, axes et vis en acier inoxydable et embuts en nylon, de réglage tridimensionnel.

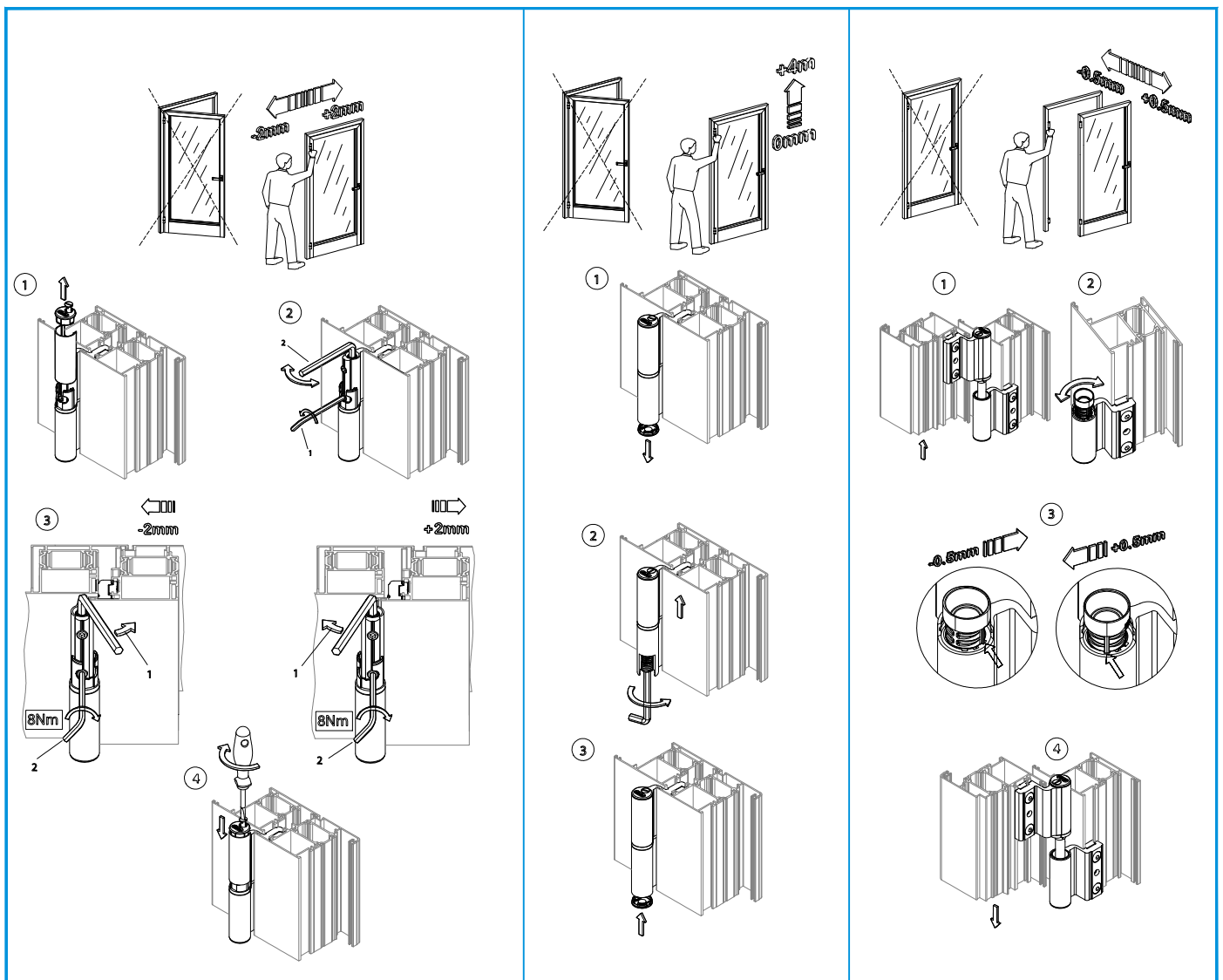


DOBRADIÇAS DE PORTA 2 LEMES COM AFINAÇÃO 3D - AFINAÇÃO
DOOR HINGES - ADJUSTMENTS | PAUMELLE DE PORTE - RÉGLAGE

DOBRADIÇA DE PORTA 2 LEMES COM AFINAÇÃO 3D:
DOOR HINGE WITH 2 LEAVES WITH 3D TUNING
PAUMELLE DE PORTE À DEUX LAMES DE RÉGLAGE 3D



DOBRADIÇA 3ª F. DE PORTA 2 LEMES COM AFINAÇÃO 3D:
3RD LEAF DOOR HINGE WITH 2 LEAVES WITH 3D TUNING
PAUMELLE DE 3^{EME} VANTAIL DE PORTE À 2 LAMES DE RÉGLAGE 3D



DOBRADIÇAS DE PORTA 2 LEMES COM AFINAÇÃO 3D - DIAGRAMAS DE CARGA

DOOR HINGES - WEIGHT DIAGRAMS | PAUMELLE DE PORTE - SCHÉMA DE CHARGES

OPÇÃO 1 | OPTION 1 | OPTION 1:

Sem mola aérea | Without door closer | Sans ferme-porte à bras compas

2 DOBRADIÇAS | 2 HINGES | 2 PAUMELLES:

USO RESIDENCIAL
RESIDENTIAL USE
USAGE RÉSIDENTIEL

3 DOBRADIÇAS | 3 HINGES | 3 PAUMELLES:

Peso Máximo da folha | Maximum leaf weight | Poids maximum des vantaux (Kg):

	3000	2900	2800	2700	2600	2500	2400	2300	2200	2100	2000	H/L
600	120	120	120	120	120	120	120	120	120	110	99	600
700	120	120	120	120	120	120	120	120	120	110	90	700
800	120	120	120	120	120	120	120	120	120	110	90	800
900	120	120	120	120	120	120	120	120	120	110	90	900
1000	120	120	120	120	120	120	120	120	120	110	90	1000
1100	120	120	120	120	120	120	120	120	120	111	95	1100
1200	120	120	120	120	120	120	120	120	120	111	95	1200
1300	120	120	120	120	120	120	120	120	120	111	95	1300
1400	120	120	120	120	120	120	120	120	120	111	95	1400

Peso Máximo da folha | Maximum leaf weight | Poids maximum des vantaux (Kg):

	3000	2900	2800	2700	2600	2500	2400	2300	2200	2100	2000	H/L
600	138	138	138	138	138	138	138	138	138	138	138	600
700	138	138	138	138	138	138	138	138	138	138	138	700
800	138	138	138	138	138	138	138	138	138	138	138	800
900	138	138	138	138	138	138	138	138	138	138	138	900
1000	138	138	138	138	138	138	138	138	138	138	138	1000
1100	138	138	138	138	138	138	138	138	138	138	138	1100
1200	138	138	138	138	138	138	138	138	138	138	138	1200
1300	138	138	138	138	138	138	138	138	138	138	138	1300
1400	138	138	138	138	138	138	138	138	138	138	138	1400

2 DOBRADIÇAS | 2 HINGES | 2 PAUMELLES:

USO PÚBLICO
PUBLIC USE
UTILISATION PUBLIQUE

3 DOBRADIÇAS | 3 HINGES | 3 PAUMELLES:

Peso Máximo da folha | Maximum leaf weight | Poids maximum des vantaux (Kg):

	3000	2900	2800	2700	2600	2500	2400	2300	2200	2100	2000	H/L
600	110	110	110	110	110	110	110	110	110	110	110	600
700	110	110	110	110	110	110	110	110	110	110	110	700
800	110	110	110	110	110	110	110	110	110	110	110	800
900	110	110	110	110	110	110	110	110	110	110	110	900
1000	110	110	110	110	110	110	110	110	110	110	110	1000
1100	110	110	110	110	110	110	110	110	110	110	110	1100
1200	110	110	110	110	110	110	110	110	110	110	110	1200
1300	110	110	110	110	110	110	110	110	110	110	110	1300
1400	110	110	110	110	110	110	110	110	110	110	110	1400

Peso Máximo da folha | Maximum leaf weight | Poids maximum des vantaux (Kg):

	3000	2900	2800	2700	2600	2500	2400	2300	2200	2100	2000	H/L
600	127	127	127	127	127	127	127	127	127	127	127	600
700	127	127	127	127	127	127	127	127	127	127	127	700
800	127	127	127	127	127	127	127	127	127	127	127	800
900	127	127	127	127	127	127	127	127	127	127	127	900
1000	127	127	127	127	127	127	127	127	127	127	127	1000
1100	127	127	127	127	127	127	127	127	127	127	127	1100
1200	127	127	127	127	127	127	127	127	127	127	127	1200
1300	127	127	127	127	127	127	127	127	127	127	127	1300
1400	127	127	127	127	127	127	127	127	127	127	127	1400

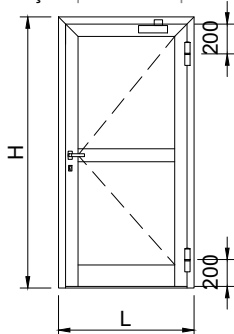
DOBRADIÇAS DE PORTA 2 LEMES COM AFINAÇÃO 3D - DIAGRAMAS DE CARGA

DOOR HINGES - WEIGHT DIAGRAMS | PAUMELLE DE PORTE - SCHÉMA DE CHARGES

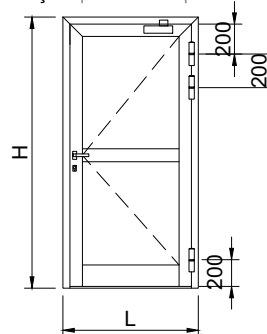
OPÇÃO 2 | OPTION 2 | OPTION 2:

Com mola aérea | With door closer | Avec ferme-porte à bras compas

2 DOBRADIÇAS | 2 HINGES | 2 PAUMELLES:



3 DOBRADIÇAS | 3 HINGES | 3 PAUMELLES:



USO PÚBLICO
(Portas com molas aéreas sem freio de abertura)
PUBLIC USE
(Doors for public buildings with door closer without brake on opening)
UTILISATION PUBLIQUE
(Portes pour bâtiments publics avec ferme porte sans frein à l'ouverture)

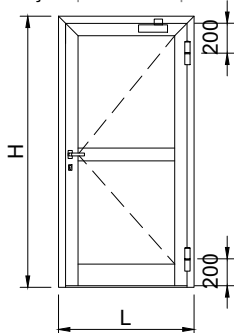
Peso Máximo da folha | Maximum leaf weight | Poids maximum des vantaux (Kg):

3000	100	100	100	100	100	100	100	100	100
2900	100	100	100	100	100	100	100	100	100
2800	100	100	100	100	100	100	100	100	100
2700	100	100	100	100	100	100	100	100	93
2600	100	100	100	100	100	100	100	100	86
2500	100	100	100	100	100	100	100	93	79
2400	100	100	100	100	100	100	100	85	72
2300	100	100	100	100	100	100	92	77	65
2200	100	100	100	100	100	100	84	70	58
2100	100	100	100	100	100	91	75	62	50
2000	100	100	100	100	100	82	67	54	43
H/L	600	700	800	900	1000	1100	1200	1300	1400

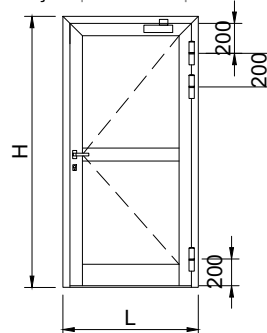
Peso Máximo da folha | Maximum leaf weight | Poids maximum des vantaux (Kg):

3000	115	115	115	115	115	115	115	115	115
2900	115	115	115	115	115	115	115	115	115
2800	115	115	115	115	115	115	115	115	115
2700	115	115	115	115	115	115	115	115	107
2600	115	115	115	115	115	115	115	115	99
2500	115	115	115	115	115	115	115	115	91
2400	115	115	115	115	115	115	115	115	83
2300	115	115	115	115	115	115	106	89	75
2200	115	115	115	115	115	115	97	81	67
2100	115	115	115	115	115	105	86	71	58
2000	115	115	115	115	115	94	77	62	49
H/L	600	700	800	900	1000	1100	1200	1300	1400

2 DOBRADIÇAS | 2 HINGES | 2 PAUMELLES:



3 DOBRADIÇAS | 3 HINGES | 3 PAUMELLES:



USO PÚBLICO
(Portas com molas aéreas com freio de abertura)
PUBLIC USE
(Doors for public buildings with door closer with brake on opening)
UTILISATION PUBLIQUE
(Portes pour bâtiments publics avec ferme porte avec frein à l'ouverture)

Peso Máximo da folha | Maximum leaf weight | Poids maximum des vantaux (Kg):

3000	90	90	90	90	90	90	90	90	90
2900	90	90	90	90	90	90	90	90	90
2800	90	90	90	90	90	90	90	90	90
2700	90	90	90	90	90	90	90	90	84
2600	90	90	90	90	90	90	90	90	78
2500	90	90	90	90	90	90	90	84	71
2400	90	90	90	90	90	90	90	77	65
2300	90	90	90	90	90	90	83	70	58
2200	90	90	90	90	90	90	75	63	52
2100	90	90	90	90	90	82	68	56	45
2000	90	90	90	90	90	74	60	49	39
H/L	600	700	800	900	1000	1100	1200	1300	1400

Peso Máximo da folha | Maximum leaf weight | Poids maximum des vantaux (Kg):

3000	104	104	104	104	104	104	104	104	104
2900	104	104	104	104	104	104	104	104	104
2800	104	104	104	104	104	104	104	104	104
2700	104	104	104	104	104	104	104	104	97
2600	104	104	104	104	104	104	104	104	90
2500	104	104	104	104	104	104	104	97	82
2400	104	104	104	104	104	104	104	89	75
2300	104	104	104	104	104	104	95	81	67
2200	104	104	104	104	104	104	86	72	60
2100	104	104	104	104	104	94	78	64	52
2000	104	104	104	104	104	85	69	56	45
H/L	600	700	800	900	1000	1100	1200	1300	1400

ESQUEMA DE APLICAÇÃO DO COMPASSO 18012 NOS PERFIS ST83 e ST12

ARM 18012 APPLICATION DIAGRAM ON ST 83 AND ST 12 PROFILES

DIAGRAMME D'APPLICATION DU COMPAS 18012 DANS LES PROFILÉS ST 83 ET ST 12

Para vãos até 130Kg:

For frames up to | Pour châssis jusqu'à:

Ângulo de abertura: 20°/15°/10° (com limitador de abertura)

Opening angle (with friction stay restriction) | Angle d'ouverture (avec platine limitative)

Largura máxima: 500mm

Maximum width | Largeur maximale

Largura mínima: 2200mm

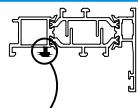
Minimum width | Largeur minimale

Altura máxima: 1200mm

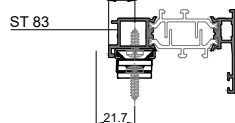
Maximum height | Hauteur maximale

Altura mínima: 2200mm

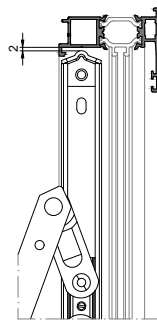
Minimum height | Hauteur minimale



NECESSÁRIO SERRAFIAR O PERFIL ST83
ST83 PROFILE MUST BE SAWN
LE PROFILÉ ST83 DOIT ÊTRE COUPÉ



ST 12



Aplicar o compasso distante de 2mm do topo (para permitir uma afinação vertical de ±2mm).

Pré-furar todos os rasgos ovalizados para permitir afinação, fixar nos restantes furos para uma fixação definitiva.

Para uma fixação mais segura considerar rebites roscados, cravados previamente

Apply the arm 2mm from the top (to allow a vertical tuning of ±2mm).

Pre drill all the oval slots to allow tuning, fix in the remaining holes for a definitive fixation.

For a safer fixation consider previously stuck threaded rivets.

Appliquer la barre à 2 mm du haut (pour permettre un réglage vertical de ±2 mm).

Appliquer le compas à 2 mm du haut (pour permettre un réglage vertical de ±2 mm).

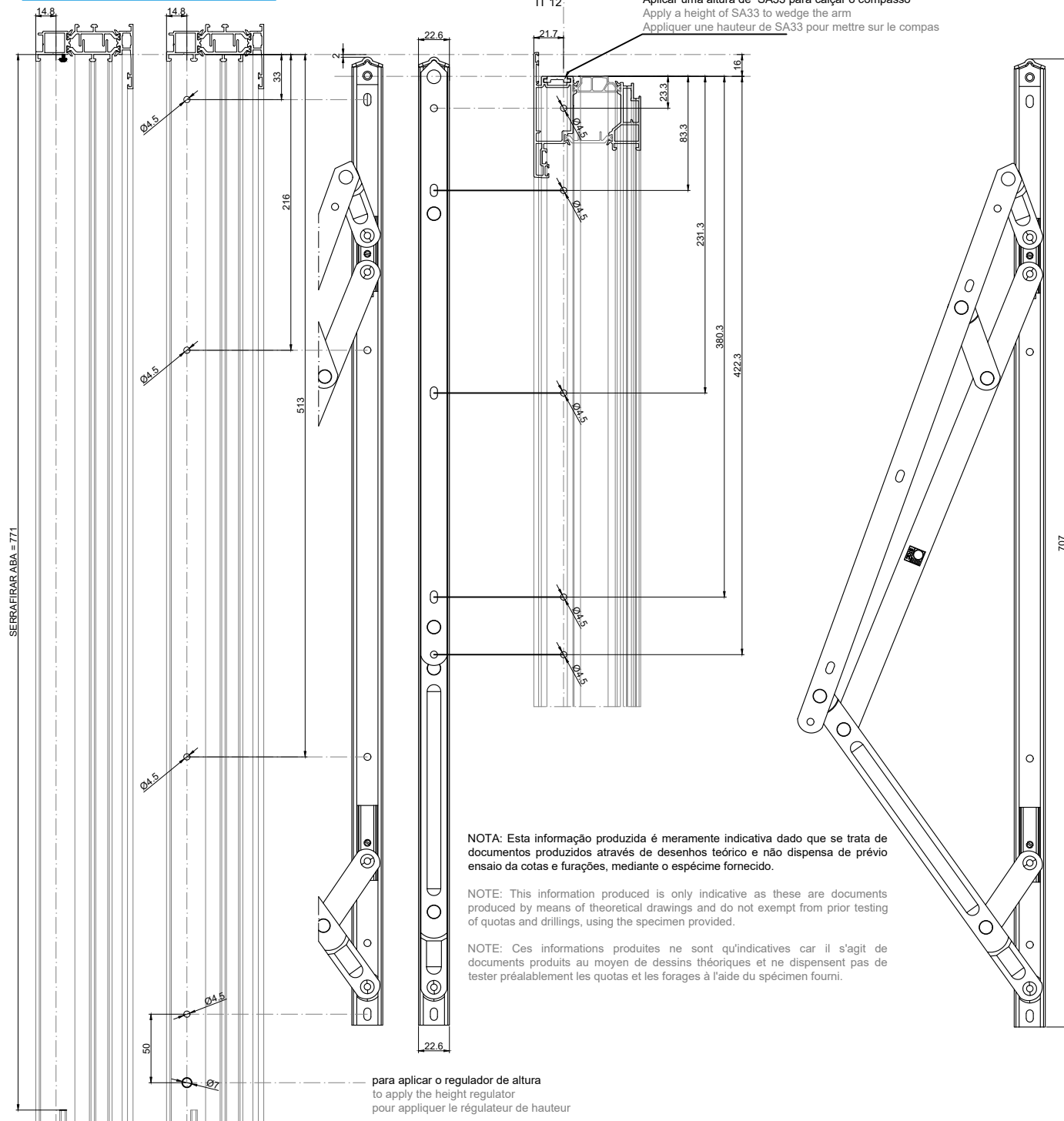
Pré-perçage de toutes les rainures ovales pour permettre le réglage, fixation dans les trous restants pour une fixation définitive.

Pour une fixation plus sûre, pensez à des rivets filetés préalablement coincés.

Aplicar uma altura de SA33 para calçar o compasso

Apply a height of SA33 to wedge the arm

Appliquer une hauteur de SA33 pour mettre sur le compas



NOTA: Esta informação produzida é meramente indicativa dado que se trata de documentos produzidos através de desenhos teórico e não dispensa de prévio ensaio da cotas e furações, mediante o espécime fornecido.

NOTE: This information produced is only indicative as these are documents produced by means of theoretical drawings and do not exempt from prior testing of quotas and drillings, using the specimen provided.

NOTE: Ces informations produites ne sont qu'indicatives car il s'agit de documents produits au moyen de dessins théoriques et ne dispensent pas de tester préalablement les quotas et les forages à l'aide du spécimen fourni.

para aplicar o regulador de altura
to apply the height regulator
pour appliquer le régulateur de hauteur

COLOCAÇÃO DOS VIDROS NO CAIXILHO

GLAZING PLACEMENT IN FRAME | MISE DES VERRES DANS LE CHÂSSIS

Função dos Calços | Shims Function | Fonction des cales

Calços de Suporte (ou apoio) (C1) | Support shim | Cale d'assise:

Servem para transmitir o peso do vidro ao caixilho
Used to transmit the weight of the glass to the frame
Elles transmettent le poids du vitrage au châssis

Calços Periféricos | Hanger shim | Cale périphérique:

Colocados no fundo da gola, evitam o deslize do vidro no seu plano, nomeadamente durante a manobra dos batentes, e contribuem, na maior parte dos casos (calços ajustados C2), para manutenção da esquadria dos aros móveis.

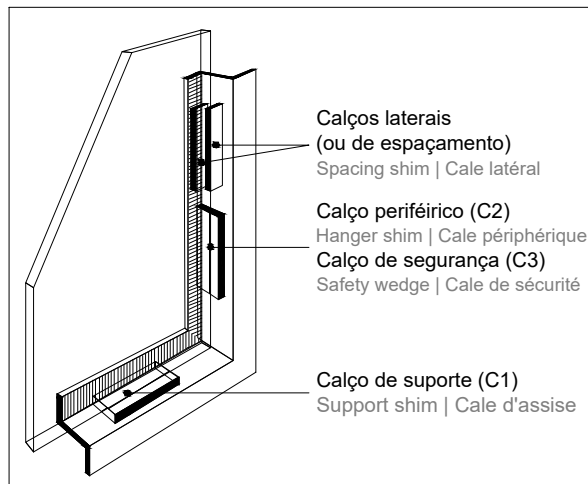
Outros calços periféricos designados por calços de segurança (C3), evitam um contato eventual entre vidro e fundo da gola durante os movimentos pontuais de abertura e fecho.

Placed in the bottom of frame to prevent the glass from sliding and ensure squareness of the frame, mainly when the leaf are being manoeuvred, and contribute, in most cases (adjusted shims C2), to maintaining the squareness of the mobile frames.

Other peripheral wedges called safety wedges (C3), avoid a possible contact between the glass and the bottom of the frame during the occasional opening and closing movements.

Mises en fond de feuillure, elles évitent le glissement du vitrage dans son plan, notamment lors des manoeuvres des vantaux, et contribuent, dans la plupart des cas (cales ajustées C2), au maintien de l'équerrage des châssis mobiles.

D'autres cales périphériques, appelées cales de sécurité (C3), évitent un éventuel contact entre le verre et le flanc de feuillure lors des mouvements occasionnels d'ouverture et de fermeture.



Calços Laterais | Spacing shim | Cale latéral:

Asseguram uma espessura regular dos mastiques servindo de estanquicidade e transferindo para o caixilho as solicitações perpendiculares ao plano do vidro. Estes calços laterais não são necessários no caso de uso de perfis de borracha, ou, segundo o DTU 39, quando a pressão exercida nos acessórios de estanquicidade não exceda um certo limite descrito nesta norma.

They assure a regular thickness of the mastics serving of watertightness and transferring to the frame the perpendicular requests to the plane of the glass. These spacing shims are not necessary when using rubber profiles, or, according to the DTU 39, when the pressure exerted on the tightness accessories does not exceed a certain limit described in this standard.

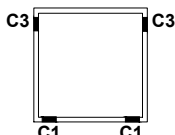
Ils assurent une épaisseur régulière des mastics en servant d'étanchéité et en transférant sur le cadre les sollicitations perpendiculaires au plan du verre. Ces cales latérales ne sont pas nécessaires en cas d'utilisation de profilés en caoutchouc ou, selon le DTU 39, lorsque la pression exercée sur les accessoires d'étanchéité ne dépasse pas une certaine limite décrite dans la présente norme.

Dimensões dos calços | Shims dimensions | Dimensions des cales

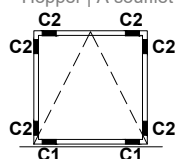
	Calços de Suporte Support shim Cale d'assise	Calços Periféricos Hanger shim Cale périphérique	Calços Laterais Spacing shim Cale latéral
Largura Width Largeur	Necessária para que a totalidade da espessura do vidro repose sobre os calços. Na prática, no mínimo igual à espessura aumentando de uma tolerância lateral Necessary for the entire thickness of the glass to lie on the shims. In practice, at least equal to the thickness by increasing a lateral tolerance Telle que là totalité de l'épaisseur du vitrage repose sur les cales. En pratique, au moins égale à l'épaisseur du vitrage augmentée d'un jeu latéral	Necessária para que a totalidade da espessura do vidro repose sobre os calços Necessary for the entire thickness of the glass to lie on the shims. Telle que là totalité de l'épaisseur du vitrage repose sur les cales.	Necessária para que o calço não provoque descontinuidade na estanquicidade da junta Necessary so that the shim doesn't cause discontinuity in the joint tightness Telle que la cale n'engendre pas de discontinuité dans l'étanchéité du joint
Comprimento Length Longueur (mm)	<ul style="list-style-type: none"> em madeira: l = 10 x S* wood bois em Neoprene: l = 30 x S* Neoprene Néoprène em materiais sintéticos: segundo a resistência à compressão para as temperaturas compreendidas entre -20° e +55° mais ou menos igual a 50mm in synthetic materials: according to the compression strength for temperatures between -20° and +55° ± equal to 50mm en matériaux synthétiques : selon la résistance à la compression pour des températures comprises entre -20° et +55° ± égal à 50mm <p>* superfície do vidro em m² glass surface in m² surface vitrée en m²</p>	Pelo menos igual a 50mm At least equal to 50mm Au moins égale à 50 mm	Pelo menos igual a 50mm At least equal to 50mm Au moins égale à 50 mm
Espessura Thickness Épaisseur	Pelo menos igual à tolerância mínima At least equal to the minimal tolerance Au moins égale à la tolérance minimale	Pelo menos igual ao jogo mínimo At least equal to the minimum set Au moins égale au jeu minimal	Ligeiramente inferior ao jogo lateral Slightly inferior to lateral set Légèrement inférieur au jeu latéral
Dureza Hardness Dureté	70 a to à 95 DIDC	50 a to à 70 DIDC	50 a to à 70 DIDC

Instalação dos calços | Shims Installation | Installation des cales

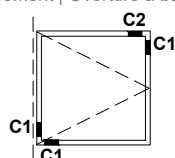
Caixilho fixo
Fixed frame | Châssi fixe



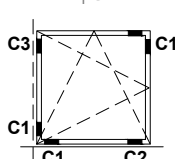
Caixilho basculante
Hopper | À soufflet



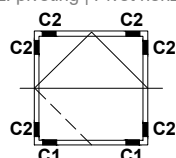
Caixilho à francesa
Casement | Overture à battant



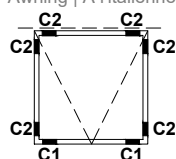
Caixilho oscilo-batente
Tilt-and-turn | Oscillo-battant



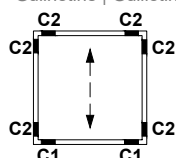
Caixilho pivotante horizontal
Horiz. pivoting | Pivot horizontal



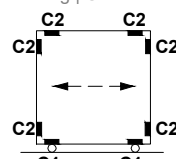
Caixilho projetante
Awning | À l'italienne



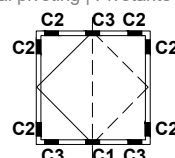
Caixilho de guilhotina
Guillotine | Guillotine



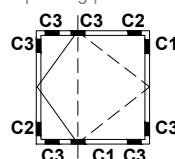
Caixilho de correr
Sliding | Couissant



Caixilho pivotante eixo central
Central pivoting | Pivotante central



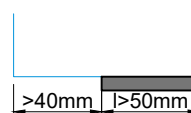
Caixilho pivotante eixo não central
Off-center pivoting | Pivot décentralisé



Posicionamento dos calços de suporte e dos calços periféricos


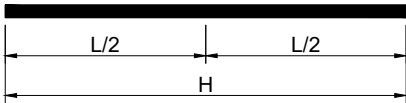
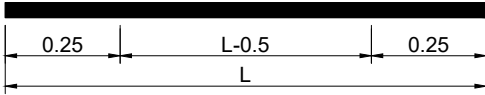
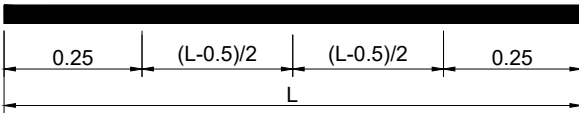
Support shims and Hanger shims positioning

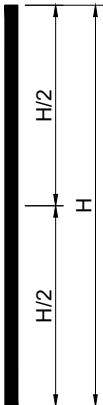

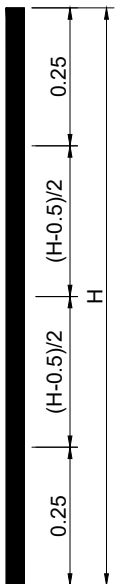
Positionnement des cales d'assise et des cales périphérique



NOTA: Informação transcrita do Manual do Vidro, Edição 2000

FIXAÇÃO DOS CAIXILHOS EM OBRA
FRAMES FIXING | FIXATION DES CHÂSSIS

$L \leq 0.90 \text{ m}$ 
<p>Nenhuma Fixação No fixations Pas des fixations</p>
$0.90 < L \leq 1.60 \text{ m}$ 
<p>1 Fixação 1 fixation 1 fixation</p>
$1.60 < L \leq 2.40 \text{ m}$ 
<p>2 Fixações 2 fixations 2 fixations</p>
$2.40 < L \leq 3.20 \text{ m}$ 
<p>3 Fixações 3 fixations 3 fixations</p>
$L > 3.20 \text{ m}$
<p>1 Fixação a mais por cada trecho suplementar de 0.80 m 1 extra fixation for each additional section of 0.80 m 1 fixation plus pour chaque section supplémentaire de 0,80 m</p>

$H \leq 0.65 \text{ m}$ 	$0.65 \text{ m} < H \leq 1.45 \text{ m}$ 	$1.45 \text{ m} < H \leq 2.45 \text{ m}$ 
<p>1 Fixação 1 fixation 1 fixation</p>	<p>2 Fixações 2 fixations 2 fixations</p>	<p>3 Fixações 3 fixations 3 fixations</p>

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