



sistema de batente de 67mm com corte térmico

67mm opening system with thermal break

système d'ouvrant de 67mm à rupture de pont thermique



## Características do Sistema - Sistema LT

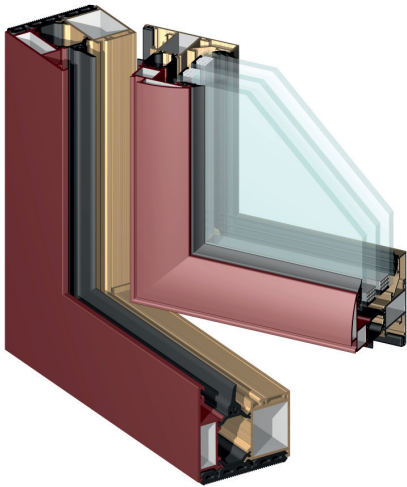
System features - LT System

Caractéristiques du système - Système LT

O sistema LT foi projectado para responder às necessidades de grande conforto. A combinação deste sistema com vidros triplos selectivos proporciona altas prestações de isolamento térmico e/ou acústico.

The LT system has been designed to provide great comfort. The combination of this system with selective triple glazing offers high thermal and/or acoustic insulation.

Le système LT a été conçu pour répondre aux exigences de grand confort. La combinaison de ce système et du triple vitrage procure de hautes prestations d'isolation thermique et acoustique.



<b>Apresentação:</b>	<b>Reta   Oval</b>
Presentation	Straight   Oval
Présentation	Droite   Ovale
<b>Dimensões:</b>	<b>Aro Fixo: 67mm</b>
Dimensions	Fixed frame
Dimension	Cadre dormant
	<b>Aro Móvel: 74mm</b>
	Mobile frame
	Cadre ouvrant
<b>Bites:</b>	<b>Retos ou Redondos</b>
Glazing beads	Straight or Round
Parcloses	Droite ou Arrondie
<b>Enchimento:</b>	<b>De 14 a 50mm (vidro)</b>
Filling	From 14 to 50mm (glass)
Remplissage	De 14 à 50mm (vitrage)
<b>Cortes:</b>	<b>45°</b>
Cuts	
Coupes	
<b>Vedação:</b>	<b>Junta em EPDM</b>
Insulation	EPDM joints
Étanchéité	Joint en EPDM
<b>Uniãoes:</b>	<b>Exteriores de várias dimensões   Esquadros de bloqueio interiores e uniões de travessa</b>
Joint	Exteriors of several dimensions   Inner blocking brackets and transoms unions
Union	Extérieures de différentes dimensions   Équerres de verrouillage intérieurs et unions des traverses
<b>Peso máximo*:</b>	<b>Janela batente (int./ext. 1   2 folhas) - 150 Kg/folha   leaf   vantail</b>
Maximum weight*	Casement (in/out 1   2 leaves)   Fenêtre à la française (int./ext. 1   2 vantaux)
Poids maximale*	<b>Porta batente (int./ext. 1   2 folhas) - 180 Kg/folha   leaf   vantail</b>
	French door (in/out 1   2 leaves)   Porte (int./ext. 1   2 vantaux)
	<b>Oscilo-batente - 150 Kg/folha   leaf   vantail</b>
	Tilt and turn   Oscillo-Battant
	<b>Oscilo-paralela - 160 Kg/folha   leaf   vantail</b>
	Tilt and slide   Oscillo-coulissant
	<b>Projetante - 120 Kg/folha   leaf   vantail</b>
	Awning   à l'italienne
	<b>Pivotante Vertical - 175 Kg/folha   leaf   vantail</b>
	Center pivot vertical   Pivotante
	<b>Pivotante Horizontal - 175 Kg/folha   leaf   vantail</b>
	Center pivot horizontal   Basculante
	<b>Basculante - 70 Kg/folha   leaf   vantail</b>
	Hopper   À soufflet
	<b>Harmónio - 80 Kg/folha   leaf   vantail</b>
	Fold   Repliable

\* Verificar limites de utilização nos ábacos do acessório a aplicar

\* Check usage limits on the accessory abacus to be applied

\* Vérifiez les limites d'utilisation sur le boulier accessoire à appliquer

**Acabamentos:** **Lacados | Anodizados | Bicolores**

Finishes

Powder coating | Anodizing | Bicolour

Finitions

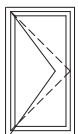
Laqué | Anodisé | Bicolore



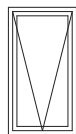
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Licença nº. 1411 - Alfa Sul



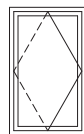
Licença nº. 809 - Sosoares  
Licença nº. 817 - Portalex



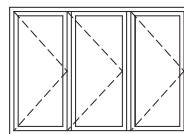
**Batente int|ext 1|2 folhas**  
casement in|out 1|2 leaves  
française int|ext 1|2 vantaux



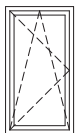
**Projetante**  
awning  
à l'italienne



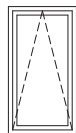
**Pivotante vertical**  
center pivot vert.  
pivotante



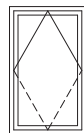
**Harmónio 3|4|5|6|7 folhas**  
fold 3|4|5|6|7 leaves  
repliable 3|4|5|6|7 vantaux



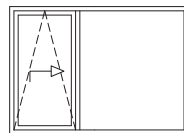
**Oscilo-batente 1|2 folhas**  
tilt and turn 1|2 leaves  
oscillo-battant 1|2 vantaux



**Basculante**  
hopper  
à soufflet



**Pivotante horizontal**  
center pivot horiz.  
basculante



**Oscilo-paralela**  
tilt and slide  
oscillo-coulissant



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

## Características do Sistema - Sistema LT Oculta

### System features - Concealed LT system

### Caractéristiques du système - Système LT Ouvrant Caché



De forma a dar resposta às solicitações dos projetistas, foi concebida a LT Oculta. Esta vertente da LT vem colmatar uma lacuna que se fazia notar na série minimalista de correr OS, sendo agora possível compatibilizar o sistema de correr com este sistema de batente, mantendo a coerência da linguagem arquitetónica.

Concealed LT was created to answer designers' requests. This variant of LT has come to fill a gap in the minimalist sliding system OS, making it now possible to coordinate the sliding system with this opening system, maintaining architectural lines coherent.

De manière à répondre aux exigences des maîtres d'œuvre, la LT Ouvrant Caché a été élaborée. Cette version de la LT pallie à une lacune notable de la série minimaliste de coulissant OS. A présent, la série OS (coulissant) est compatible avec cette série de ouvrant et donc cohérente pour répondre à l'expression architecturale.

<b>Apresentação:</b>	Oculta	
Presentation	Concealed	
Présentation	Caché	
<b>Dimensões:</b>	<b>Aro Fixo:</b>	67mm
Dimensions	Fixed frame	
Dimension	Cadre dormant	
	<b>Aro Móvel:</b>	67mm
	Mobile frame	
	Cadre ouvrant	
<b>Enchimento:</b>	Vidro recomendado para áreas superiores a 1,20m <sup>2</sup> : 28mm	
Filling	Recommended glass for areas higher than   Verre conseillé pour les zones supérieures à	
Remplissage	6mm(temperado   tempered   trempé) + 14mm + 8mm(temperado   tempered   trempé) 6mm(temperado   tempered   trempé) + 14mm + 4.4.1mm	
<b>Cortes:</b>	45°	
Cuts	45°	
Coupes	45°	
<b>Vedação:</b>	Junta em EPDM	
Insulation	EPDM joints	
Étanchéité	Joint en EPDM	
<b>Uniões:</b>	Exteriores de várias dimensões   Esquadros de bloqueio interiores e uniões de travessa	
Joint	Exteriors of several dimensions   Inner blocking brackets and transoms unions	
Union	Extérieures de différentes dimensions   Équerres de verrouillage intérieurs et unions des traverses	
<b>Peso máximo*:</b>	Janela batente 1   2 folhas - 130 Kg/folha   leaf   vantail	
Maximum weight*	Casement 1 2 leaves   Fenêtre à la française 1 2 vantaux	
Poids maximale*	Porta batente 1   2 folhas - 130 Kg/folha   leaf   vantail	
	French door 1 2 leaves   Porte 1 2 vantaux	
	Oscilo-batente (standard) - 130 Kg/folha   leaf   vantail	
	Tilt and turn   Oscillo-Battant	
	Oscilo-batente (oculta)-100 Kg/folha   leaf   vantail	
	Tilt and turn   Oscillo-Battant	
	Basculante - 70 Kg/folha   leaf   vantail	
	Hopper   À soufflet	

\* Verificar limites de utilização nos abacos do acessório a aplicar  
\* Check usage limits on the accessory abacus to be applied  
\* Vérifiez les limites d'utilisation sur le boulier accessoire à appliquer

**Área máxima\*\*:** 2,60m<sup>2</sup>/folha  
Maximum area\*\* 2,60m<sup>2</sup>/leaf  
Aire maximale\*\* 2,60m<sup>2</sup>/vantail

\*\* em conformidade com ITT  
\*\* in accordance with ITT  
\*\* conformément à ITT

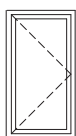
**Acabamentos:** Lacados | Anodizados | Bicolores  
Finishes Powder coating | Anodizing | Bicolour  
Finitions Laqué | Anodisé | Bicolore



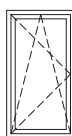
Licença nº. 1406 - Metalfer  
Licença nº. 1411 - Alfa Sul



Licença nº. 809 - Sosoares  
Licença nº. 817 - Portalex



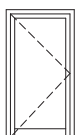
Batente 1|2 folhas  
casement 1|2 leaves  
française 1|2 vantaux



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



Basculante  
hopper  
à soufflet



Porta | Door | Porte  
Batente 1|2 folhas  
door 1|2 leaves  
française 1|2 vantaux

Desempenho do sistema  
System performance  
Performance du système

Ensaio Tests   Essais	Permeabilidade ao AR AIR Permeability Perméabilité à l'AIR	Estanquidade à ÁGUA WATER Tightness Étanchéité à l'EAU	Resistência ao VENTO WIND Resistance Résistance au VENT
<b>Janela 2 folhas com 1.60x1.40m</b> 2 leaves window Fenêtre 2 vantaux <b>Ensaio 34/08 - LNEC/LEC</b>	4	E900	C5
<b>Janela 2 folhas + fixo lateral com 2.60x2.40m</b> 2 leaves window + lateral fixed frame Fenêtre 2 vantaux + panneau fixe latérale <b>Ensaio 02/10 - LNEC/LEC</b>	4	E900	B4
<b>Janela 2 folhas + fixo lateral - 2.70x2.20m</b> 2 leaves door-window + lateral fixed frame Porte fenêtre 2 vantaux + fixe latérale <b>Ensaio CSTB BV18-0156</b>	4	7B   5A	C2
<b>Janela 2 folhas - 1.60x2.25m</b> 2 leaves door-window Porte fenêtre 2 vantaux <b>Ensaio CSTB BV18-0157</b>	Esforços de manobra   Maneuvering efforts   Efforts de manoeuvres Permeabilidade ao Ar   AIR Permeability   Perméabilité à l'AIR		
<b>Janela 2 folhas - 0.9x1.80m</b> 2 leaves door-window Porte fenêtre 2 vantaux <b>Ensaio CSTB BV18-0158</b>	Ensaio mecânicos   Mechanical tests   Essais mécaniques Permeabilidade ao Ar   AIR Permeability   Perméabilité à l'AIR		
<b>Janela 2 folhas - 1.80x2.20m</b> 2 leaves door-window Porte fenêtre 2 vantaux <b>Ensaio CSTB BV18-0159</b>	Ensaio mecânicos   Mechanical tests   Essais mécaniques Permeabilidade ao Ar   AIR Permeability   Perméabilité à l'AIR Resistência a abertura/fecho repetidos   Resistance to repeated open / close   Résistance à l'ouverture/fermeture répétées		

AVIS TECHNIQUE FAVORÁVEL | AVIS TECHNIQUE FAVOURABLE: | AVIS TECHNIQUE FAVORABLE: DTA 6/17-2368\_V1 de 14-12-2017

Relatório Estudo Térmico nº CSTB BV18-0171  
Thermal study report | Rapport D'étude Thermique

	Ug = W/(m² K)		Uw = W/(m² K)	
		Alumínio Aluminium   Aluminium	NF EN ISO 10077-1	TGI
<b>Aro móvel   Mobile frame   Ouvant - LT 85</b>				
<b>Janela 1 folha - 1,25m x 1,48m (LxH)</b> 1 leaf window   Fenêtre 1 vantail				
Vidro triplo Triple glazing   Triple vitrage	0,6	1,4	1,3	1,2
Vidro duplo Double glazing   Double vitrage	1,0	1,6	1,6	1,5
	1,1	1,7	1,7	1,6
<b>Janela 2 folhas - 1,53m x 1,48m (LxH)</b> 2 leaves window   Fenêtre 2 vantaux				
Vidro triplo Triple glazing   Triple vitrage	0,6	1,6	1,5	1,4
Vidro duplo Double glazing   Double vitrage	1,0	1,8	1,9	1,7
	1,1	1,9	1,9	1,7
<b>Aro móvel   Mobile frame   Ouvant - LT 88</b>				
<b>Janela 1 folha - 1,25m x 1,48m (LxH)</b> 1 leaf window   Fenêtre 1 vantail				
Vidro triplo Triple glazing   Triple vitrage	0,6	1,4	1,3	1,2
Vidro duplo Double glazing   Double vitrage	1,0	1,6	1,7	1,5
	1,1	1,7	1,7	1,6
<b>Janela 2 folhas - 1,53m x 1,48m (LxH)</b> 2 leaves window   Fenêtre 2 vantaux				
Vidro duplo Double glazing   Double vitrage	1,0	1,8	1,8	1,7
	1,1	1,9	1,9	1,7
<b>Janela sacada 2 folhas - 1,53m x 2,18m (LxH)</b> 2 leaves door-window   Porte-fenêtre 2 vantaux				
Vidro duplo Double glazing   Double vitrage	1,0	1,8	1,8	1,6
	1,1	1,8	1,8	1,7



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## Listagem de perfis

Profiles list  
Liste des profils

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## Acessórios

Accessories  
Accessoires

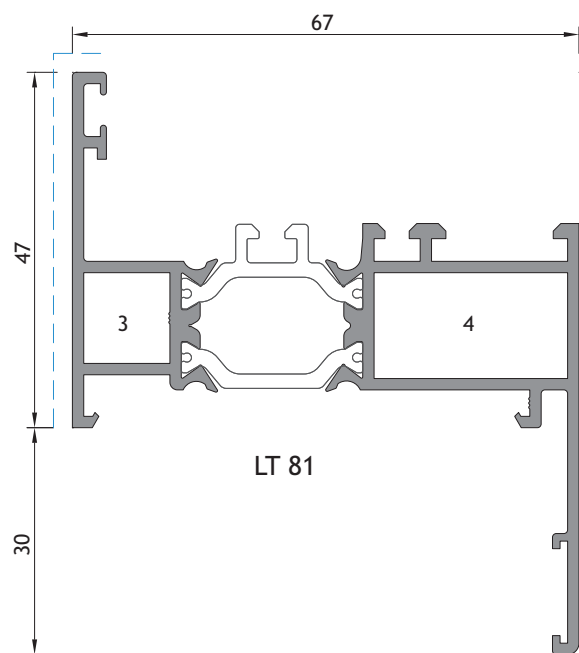
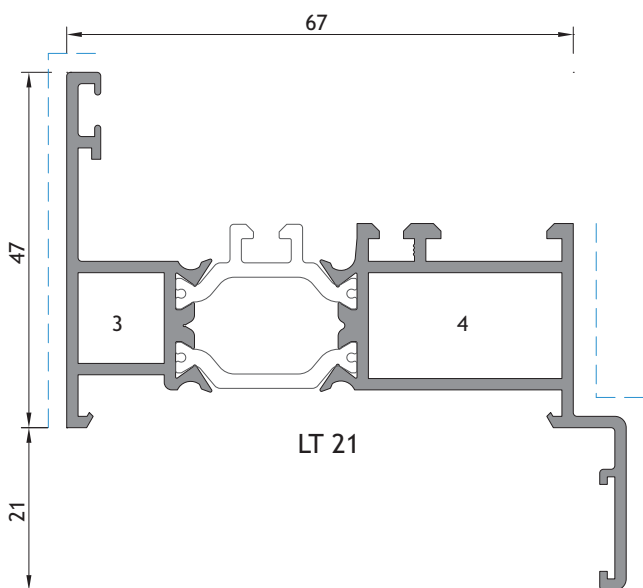
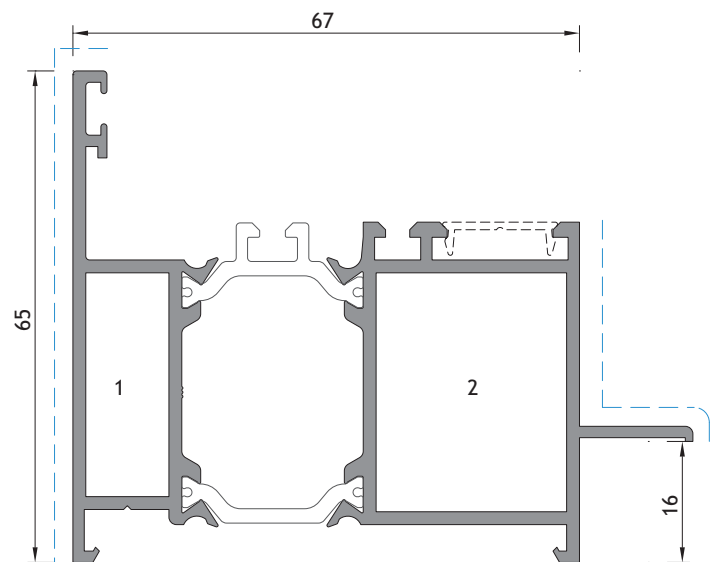
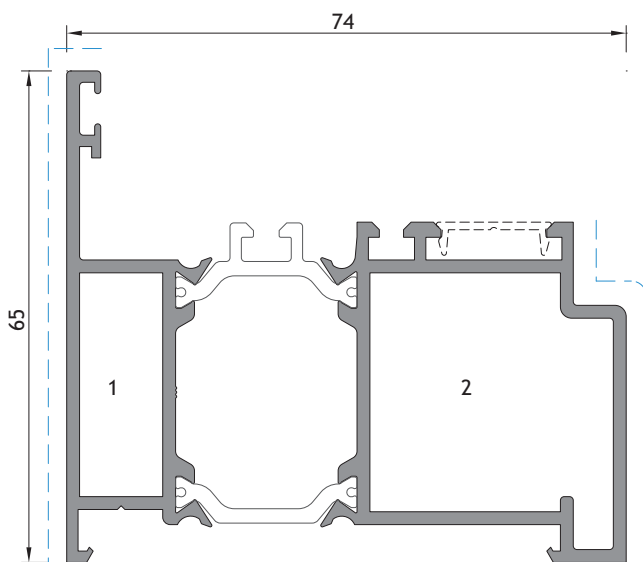
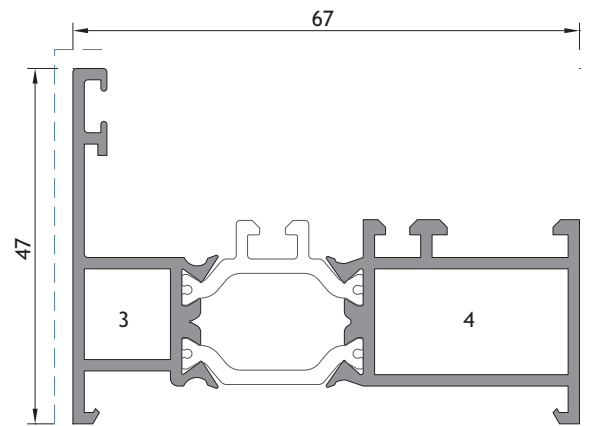
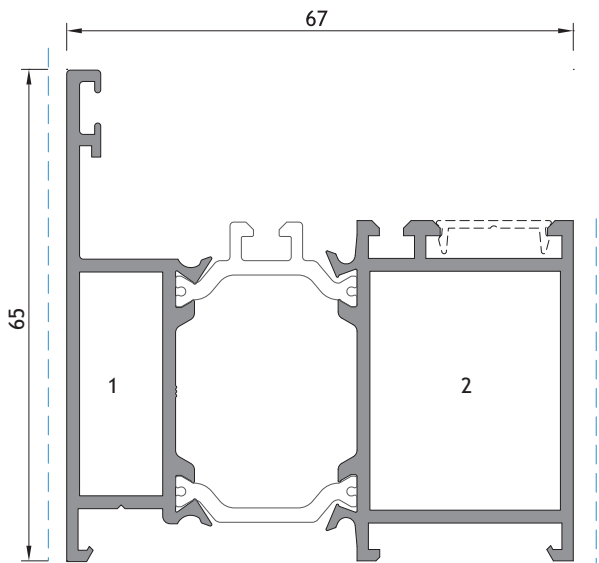
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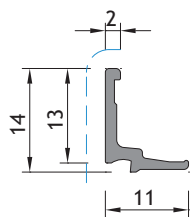
## Pormenores de montagem

Assembly details  
Détails d'assemblage

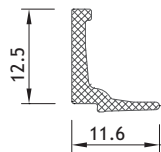
# Listagem de perfis

Profiles list  
Liste des profils

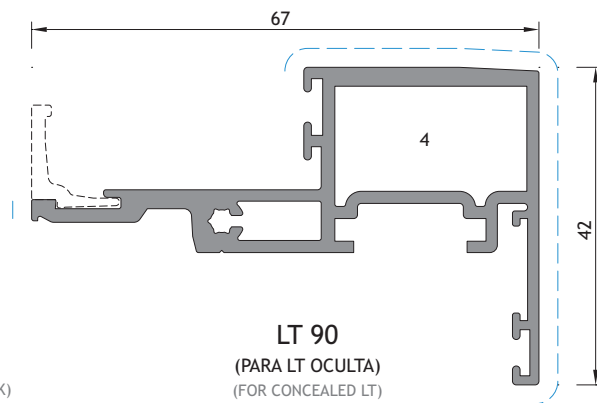




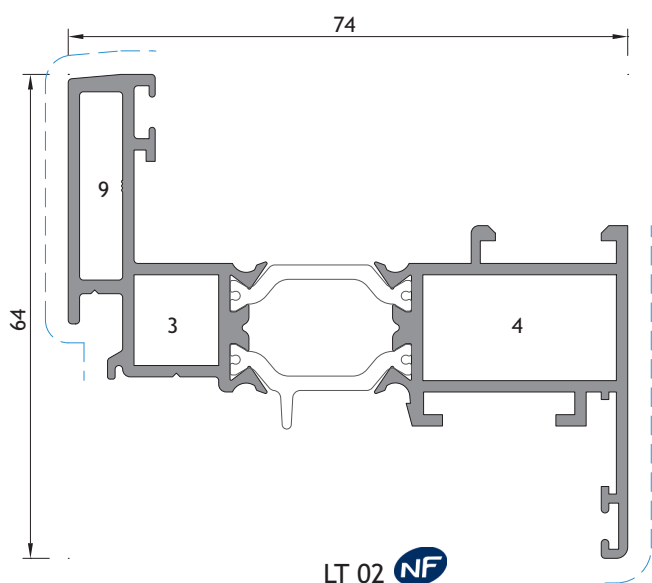
**LT 95**  
 (BITE EM ALUMÍNIO - ANODIZADO À COR AC05)  
 (ALUMINIUM GLAZING BEAD - ANODIZED ON AC05 COLOUR)  
 (PARCLOSE EN ALUMINIUM - ANODISÉ À COULEUR AC05)



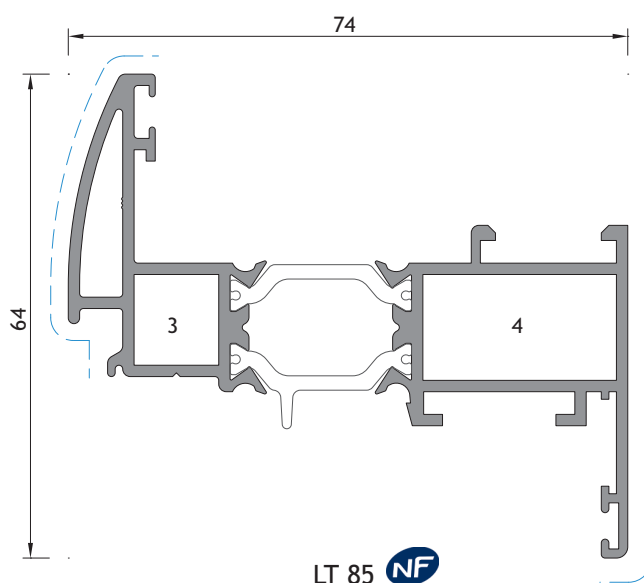
**LT 95**  
 (BITE EM POLIAMIDA - PRETO)  
 (POLYAMIDE GLAZING BEAD - BLACK)  
 (PARCLOSE EN POLYAMIDE - NOIR)



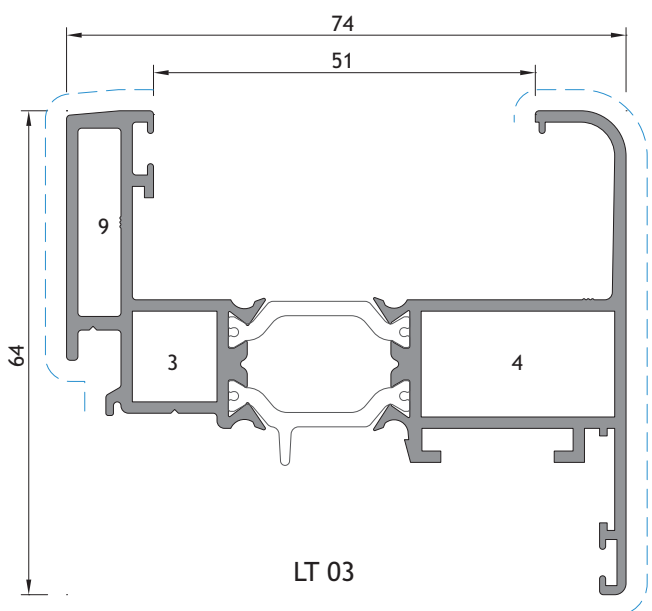
**LT 90**  
 (PARA LT OCULTA)  
 (FOR CONCEALED LT)  
 (POUR LT OUVRANT CACHÉ)



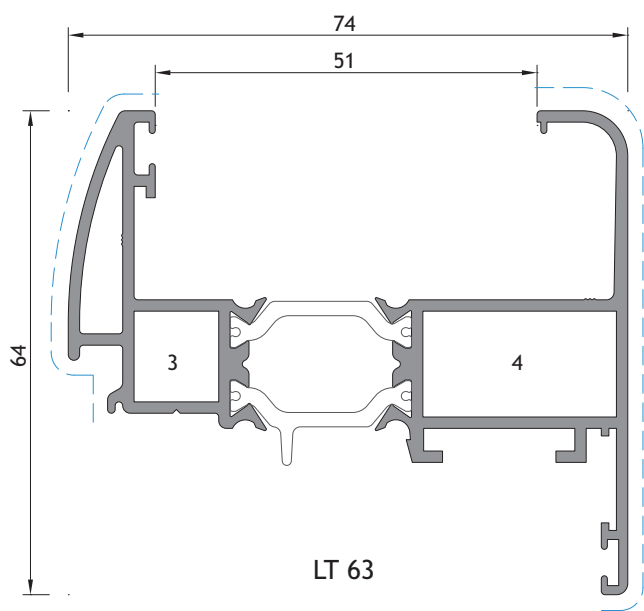
**LT 02**



**LT 85**



**LT 03**



**LT 63**



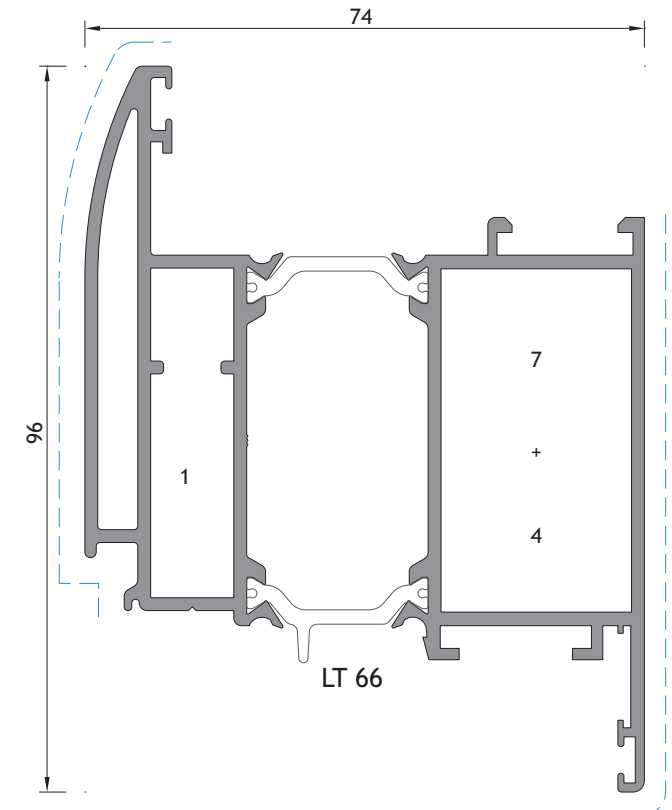
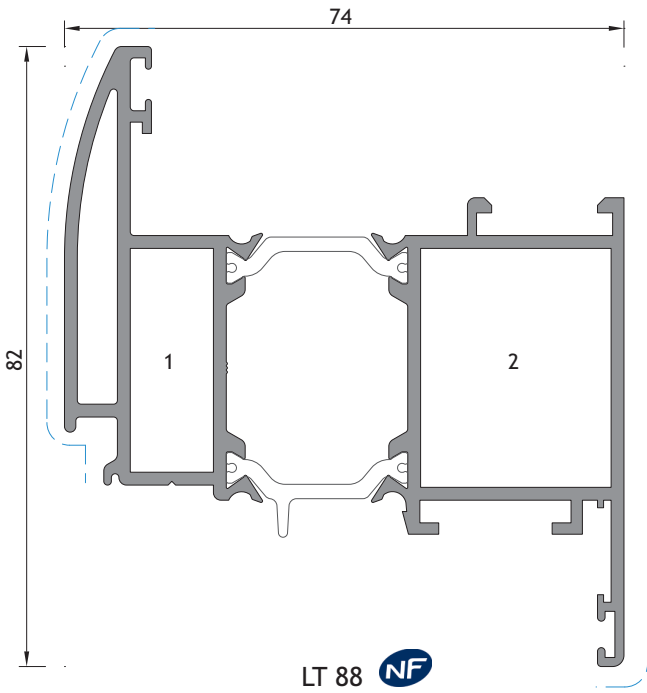
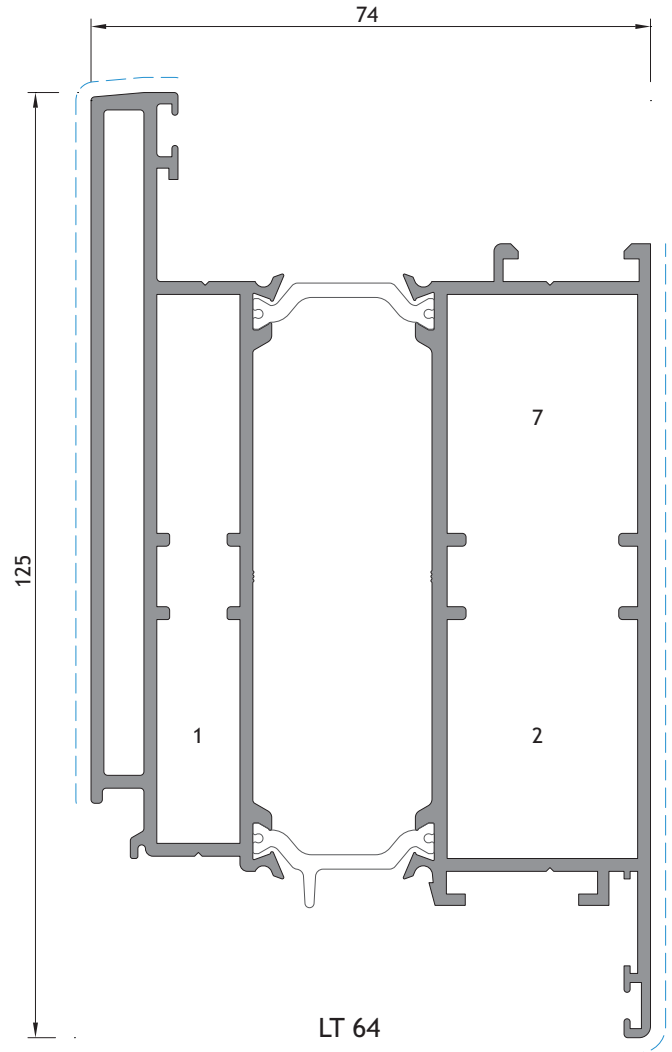
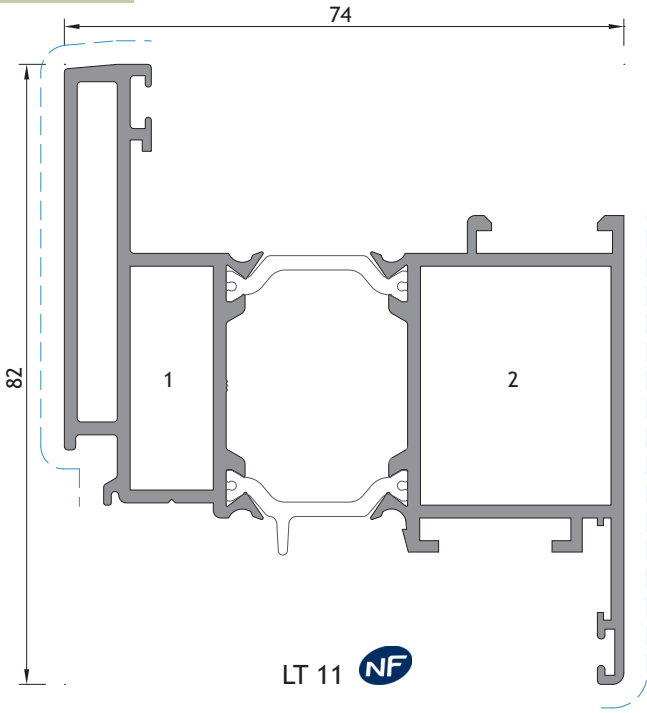
1-ESQUADRO 18-1130-C  
 6- ESQUADRO 18-1135-C  
 11- U. TRAVESSA SA 2001G

2- ESQUADRO AT E. G.  
 7- ESQUADRO SA35 CORT. P.  
 12 - U. TRAVESSA SA 2001XP

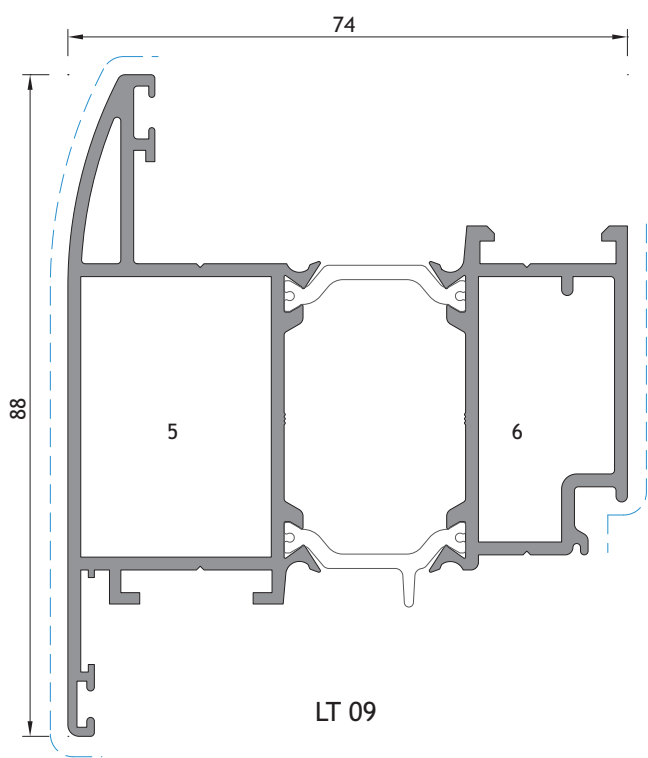
3 - ESQUADRO 18-1112-C  
 8 - ESQUADRO 18-1414-C  
 13- U. SUP. TRAVESSA XP

4 - ESQUADRO AT E. P.  
 9 - CANTO CR 0182 + PINOS GR.  
 14- U. SUP. TRAVESSA G

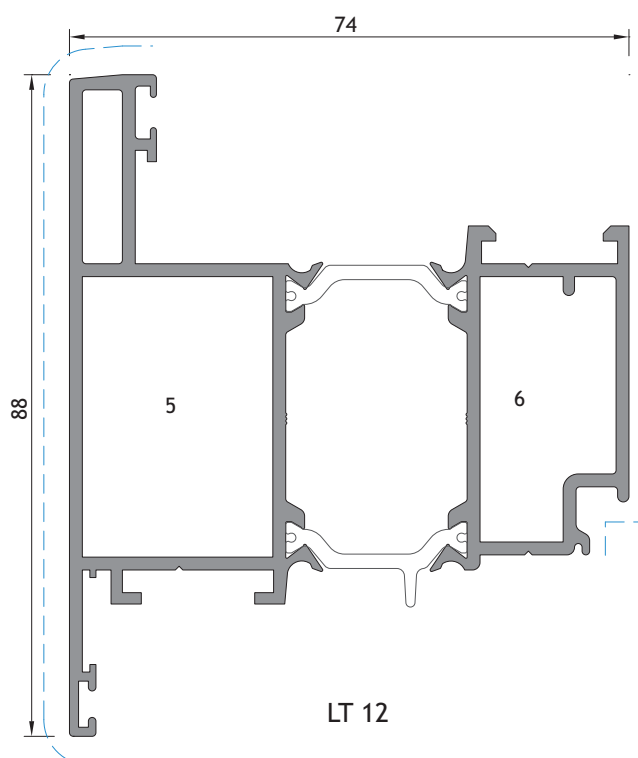
5 - ESQUADRO 26-2537-140  
 10 - ESQUADRO 1108  
 15 - ESQUADRO LT1104



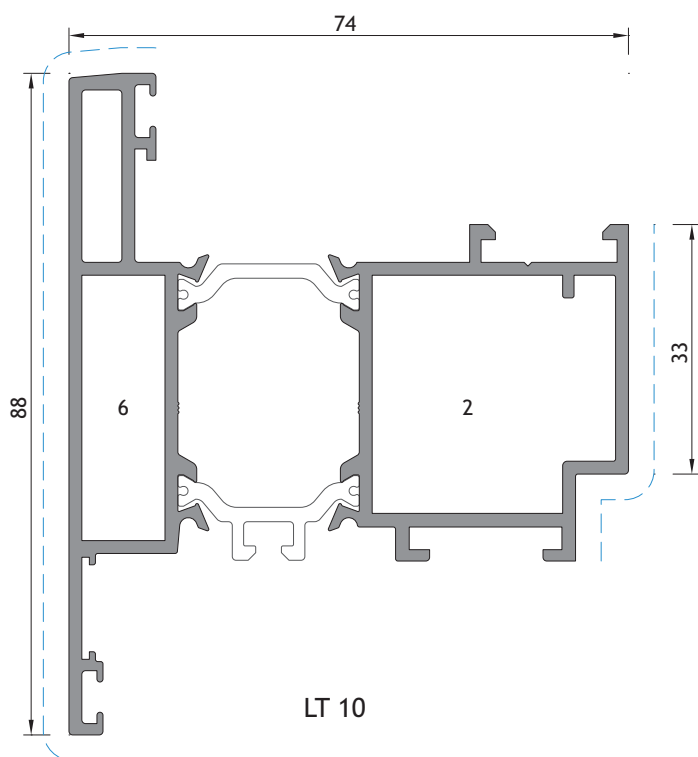




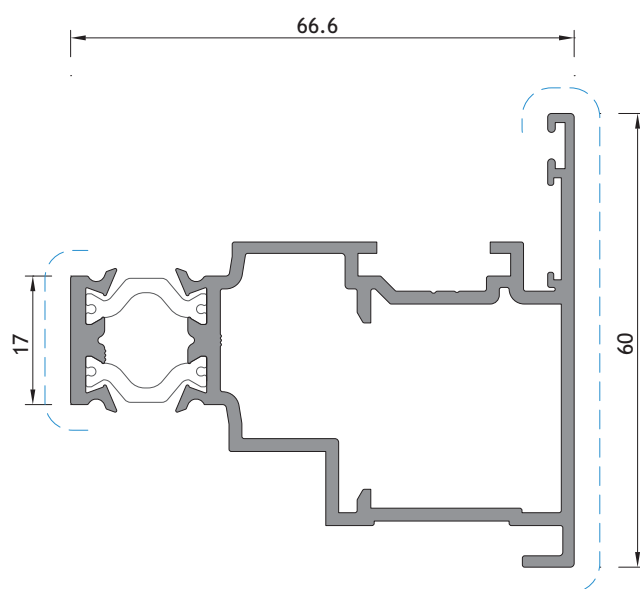
LT 09



LT 12



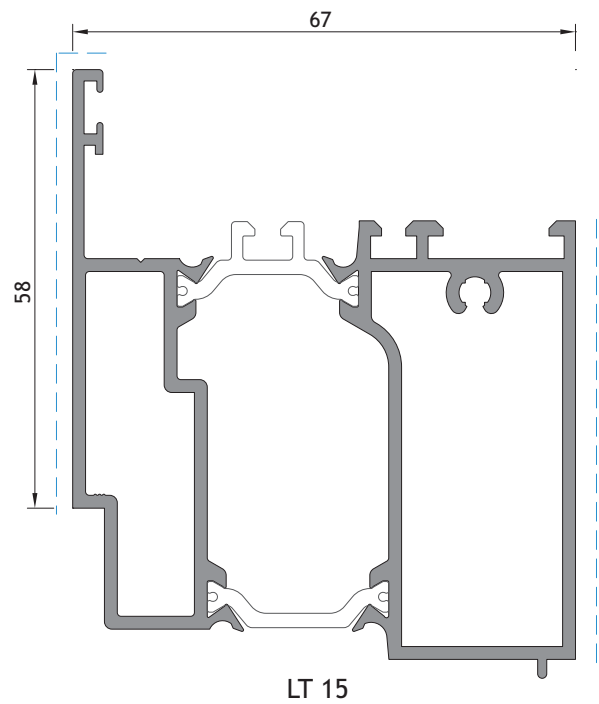
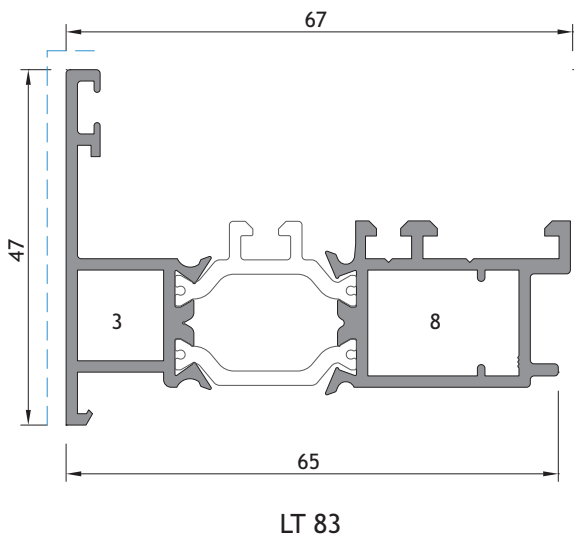
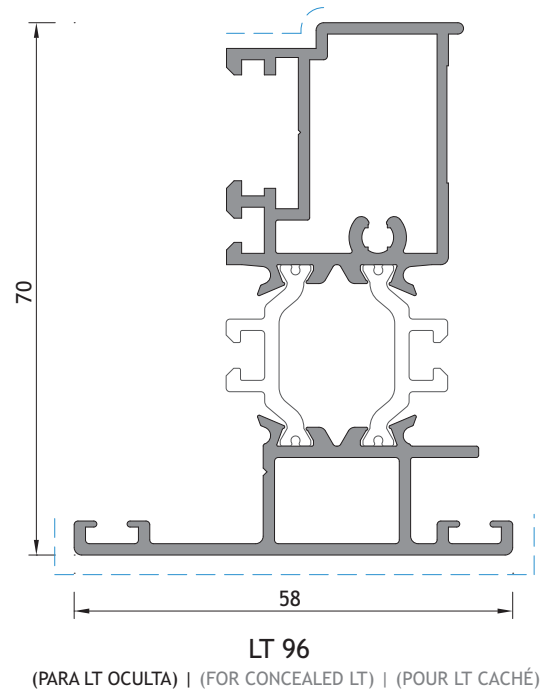
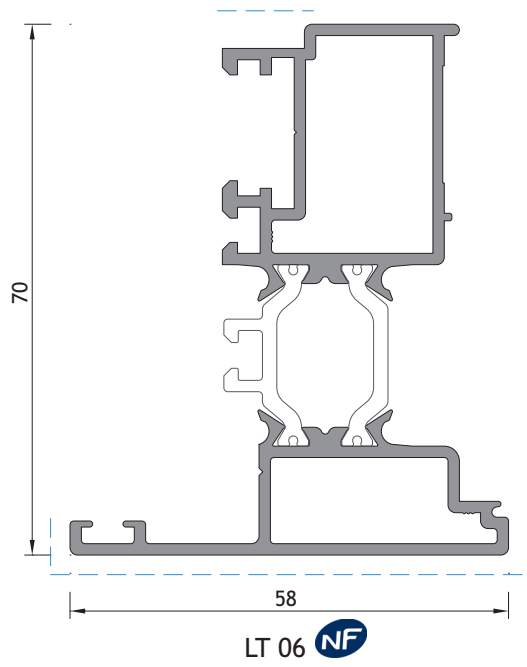
LT 10

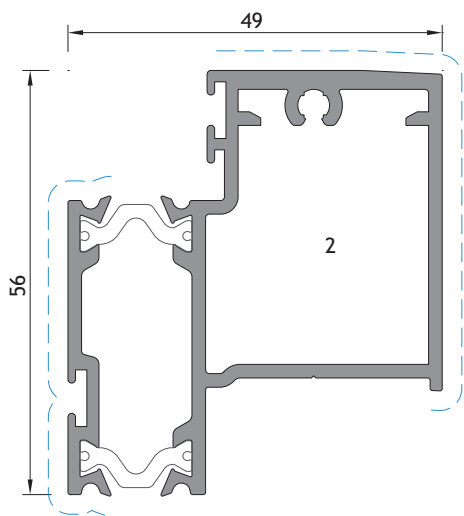


LT 24

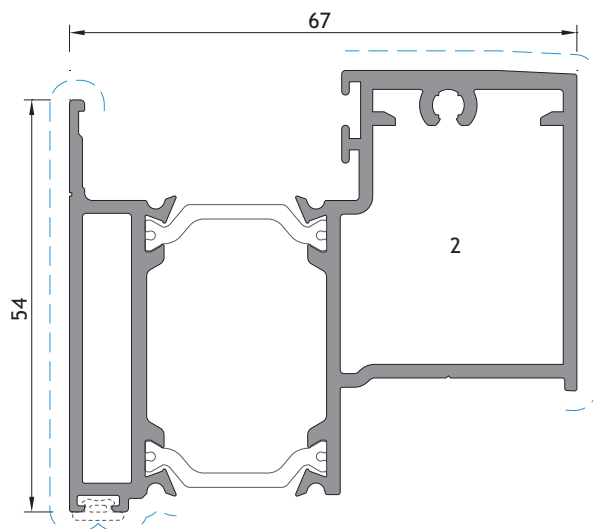
(INVERTOR PARA PIVOTANTE)  
 (INVERTOR FOR PIVOTING)  
 (INVERSEUR POUR PIVOTANTE)



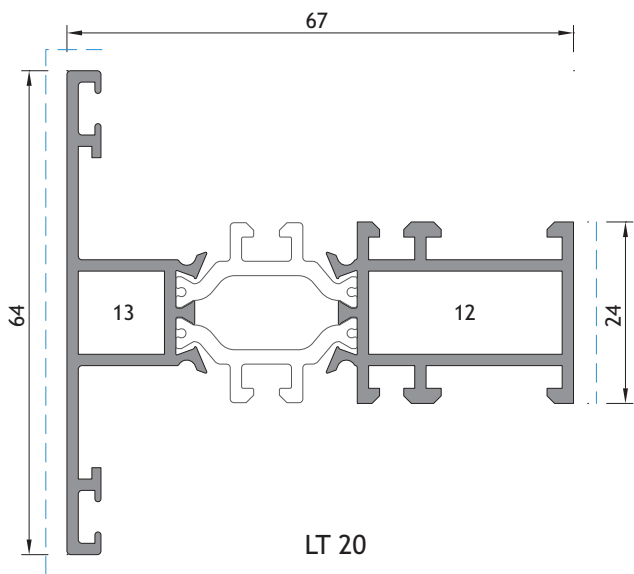




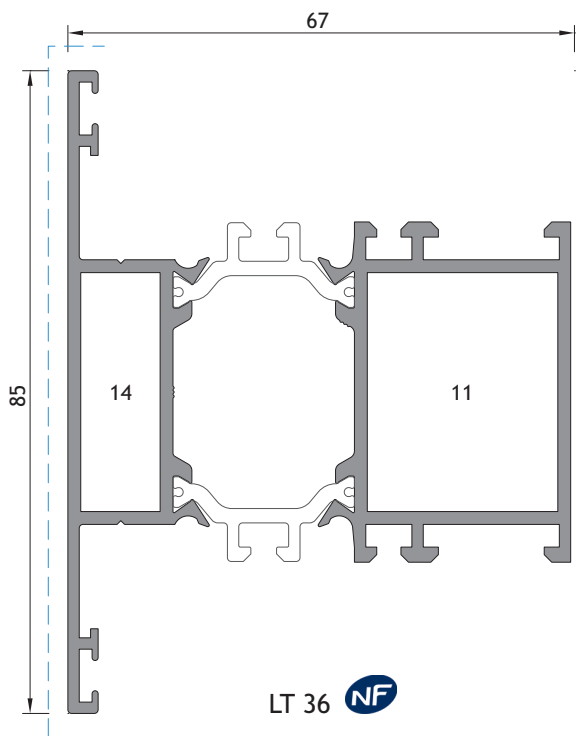
**LT 91**  
(PARA LT OCULTA)  
(FOR CONCEALED LT | POUR LT CACHÉ)



**LT 92**  
(PARA LT OCULTA)  
(FOR CONCEALED LT | POUR LT CACHÉ)

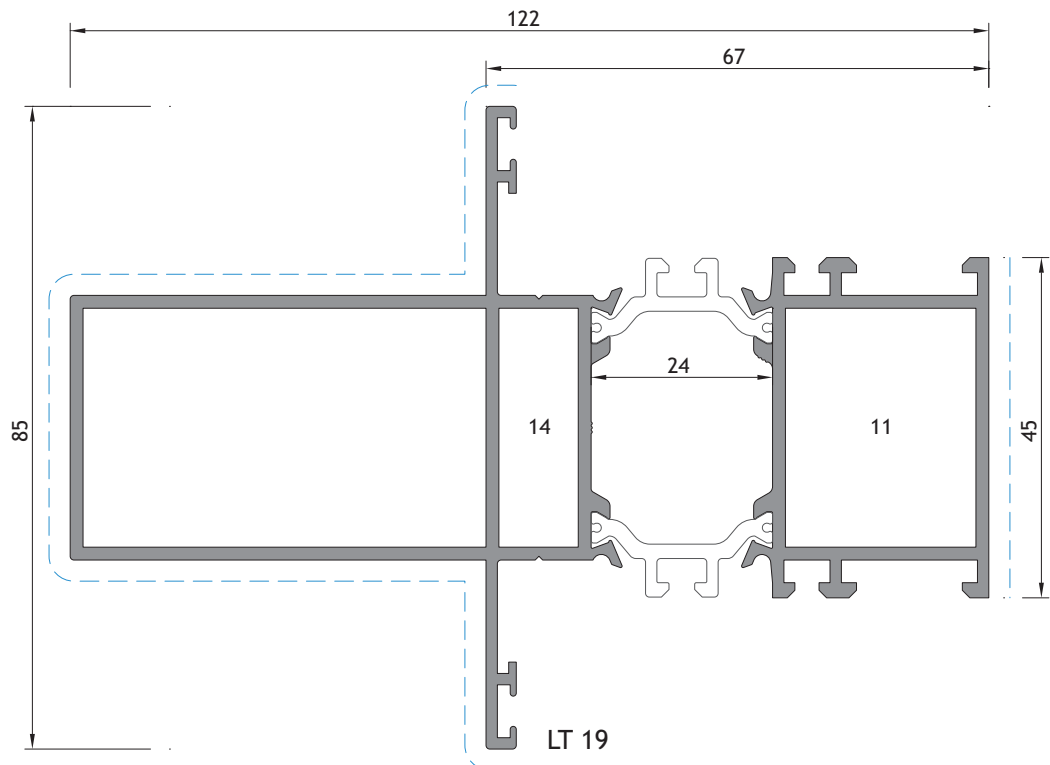
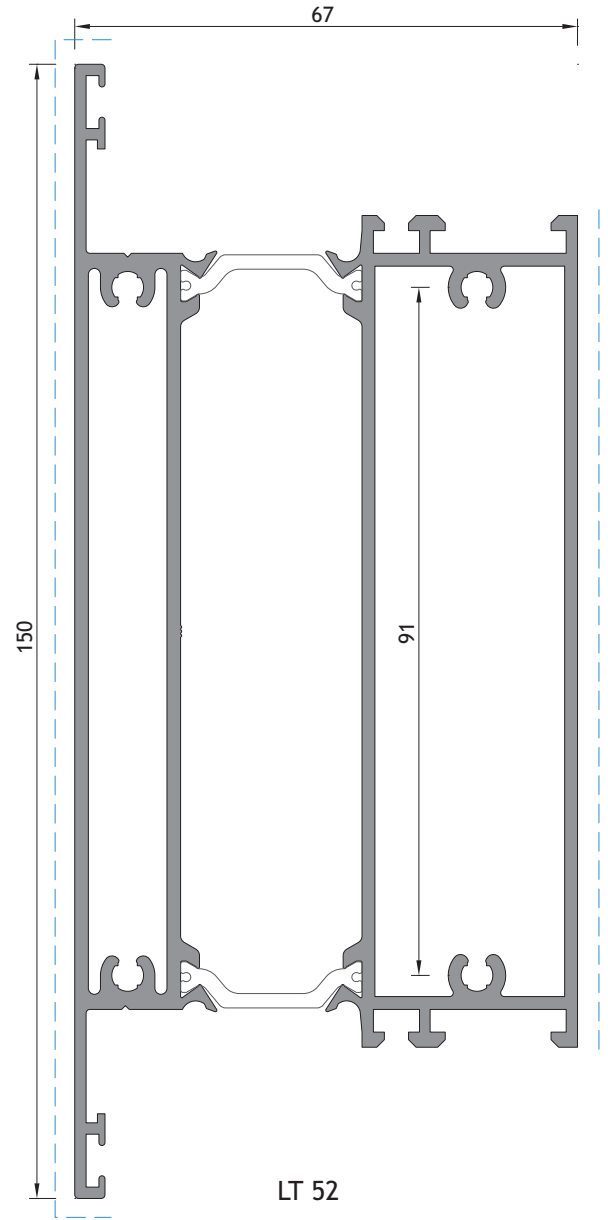
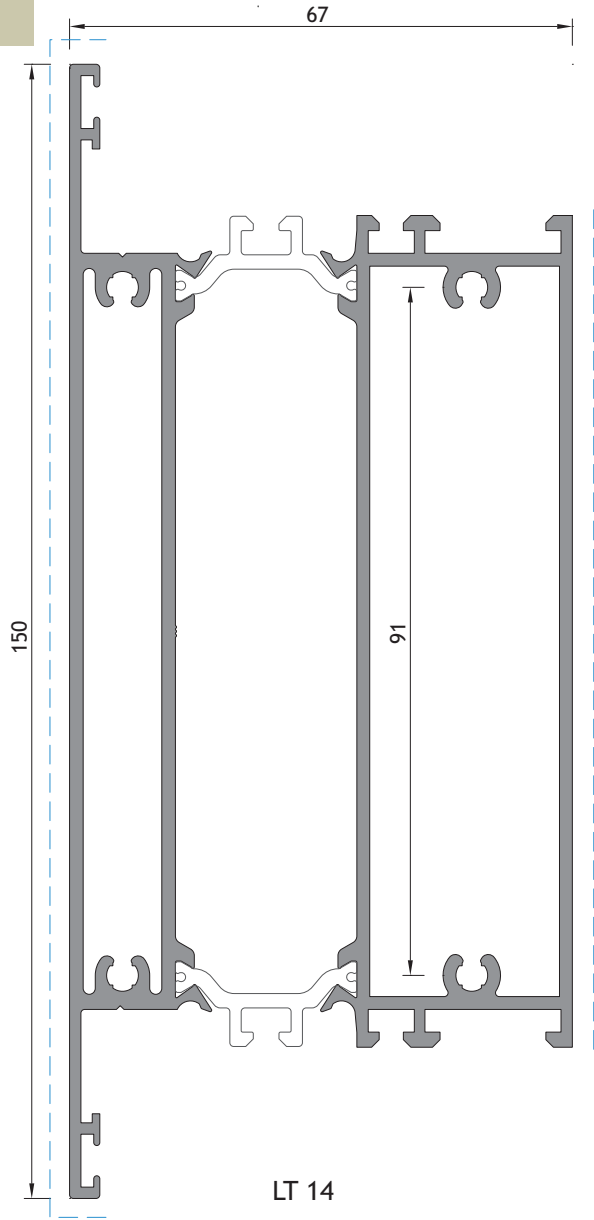


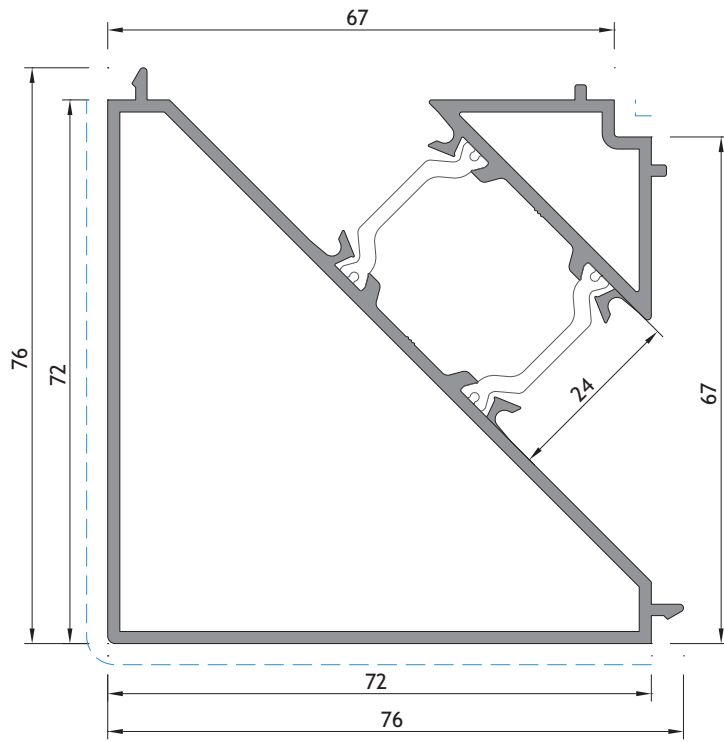
**LT 20**



**LT 36** 







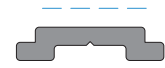
LT 55



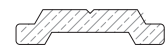
LT 33



AT 30

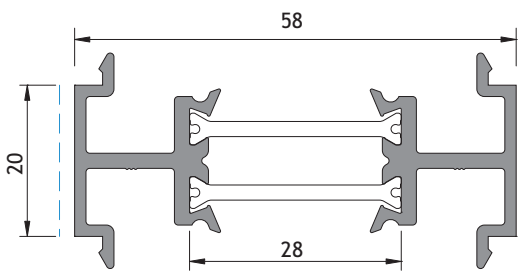


SA 33

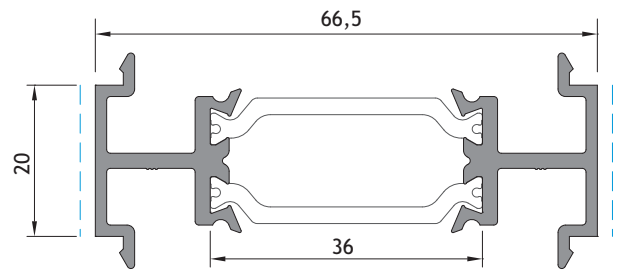


AT 33

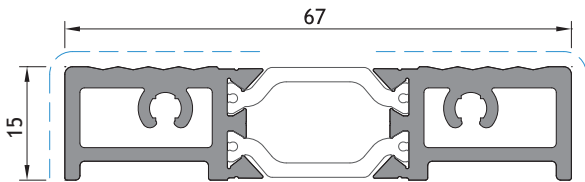
PERFIL EM POLIAMIDA - NÃO UTILIZAR EM FERRAGENS OSCILO-BATENTE E/OU OSCILO-PARALELA  
 PROFILE IN POLYAMIDE - DO NOT USE IN TILT-AND-TURN AND/OR TILT-AND-SLIDE HARDWARE  
 PROFIL EN POLYAMIDE - NE PAS UTILISER DANS LES ACCESSOIRES OSCILLO-BATTANT ET/OU OSCILLO-COULISSANT



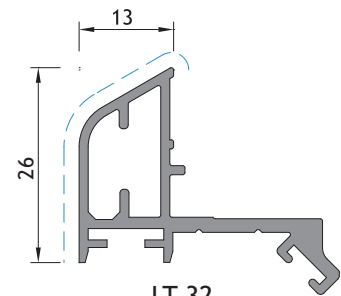
LT 37



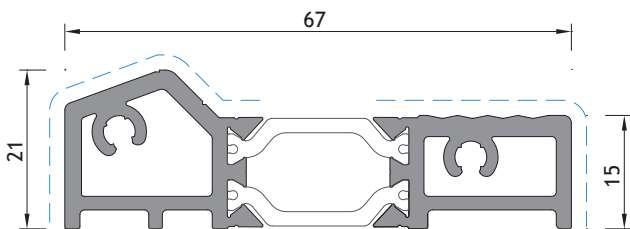
LT 35



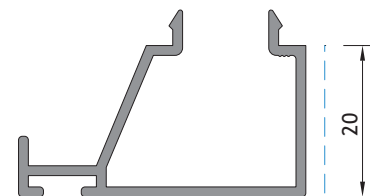
LT 49



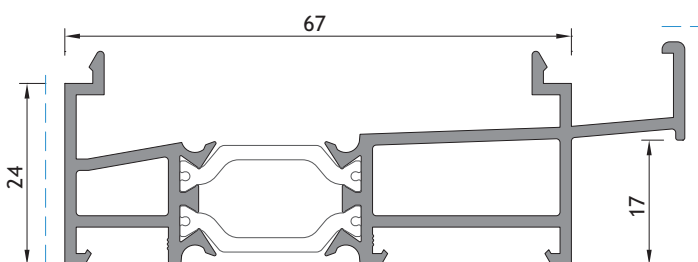
LT 32



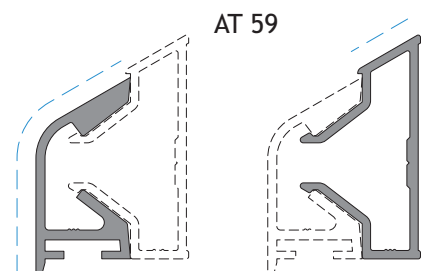
LT 50



AT 59



LT 27



SA 32

SA 31



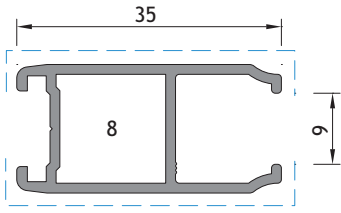
1-ESQUADRO 18-1130-C  
 6- ESQUADRO 18-1135-C  
 11- U. TRAVESSA SA 2001G

2- ESQUADRO AT E. G.  
 7- ESQUADRO SA35 CORT. P.  
 12 - U. TRAVESSA SA 2001XP

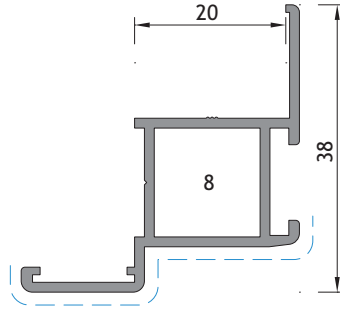
3- ESQUADRO 18-1112-C  
 8- ESQUADRO 18-1414-C  
 13- U. SUP. TRAVESSA XP

4 - ESQUADRO AT E. P.  
 9 - CANTO CR 0182 + PINOS GR.  
 14- U. SUP. TRAVESSA G

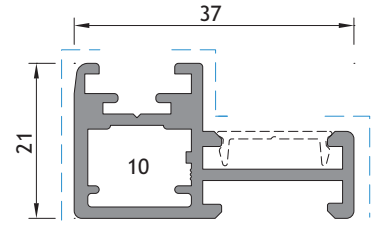
5 - ESQUADRO 26-2537-140  
 10 - ESQUADRO 1108  
 15 - ESQUADRO LT1104



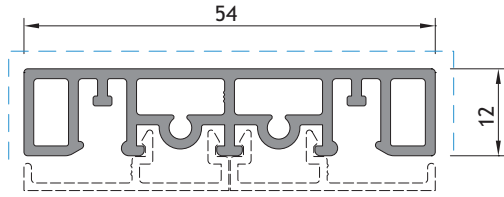
KY 70



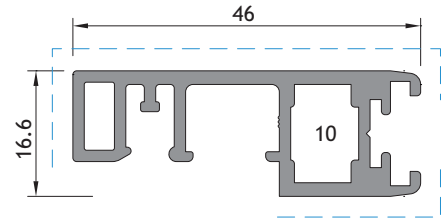
KY 69



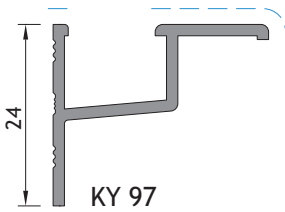
KY 84



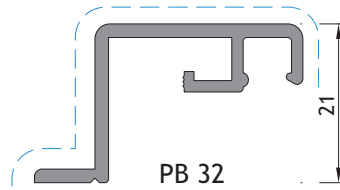
KY 89



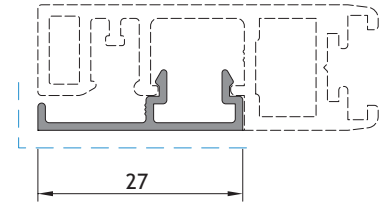
KY 86



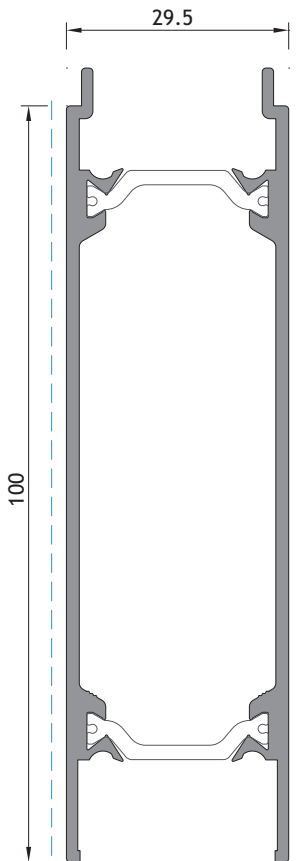
KY 97



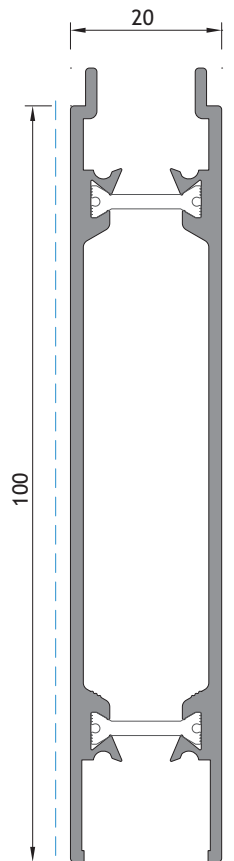
PB 32



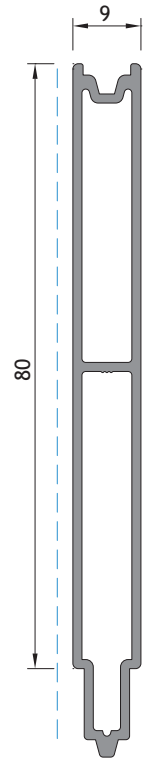
KY 87



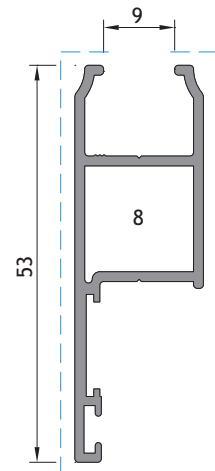
LT 16



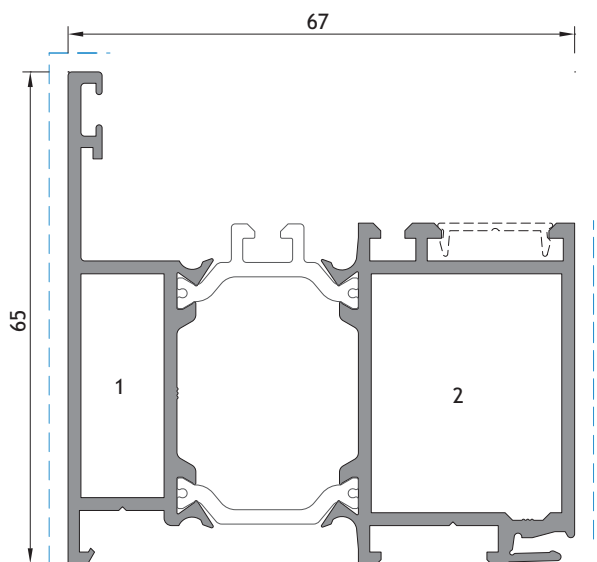
AT 16



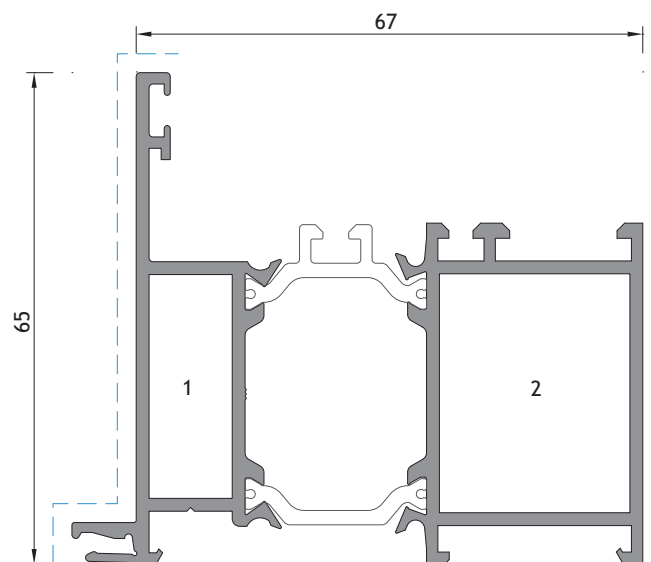
SB 64



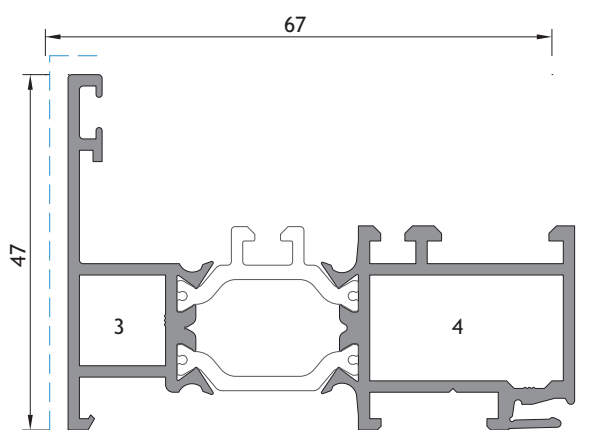
SB 63



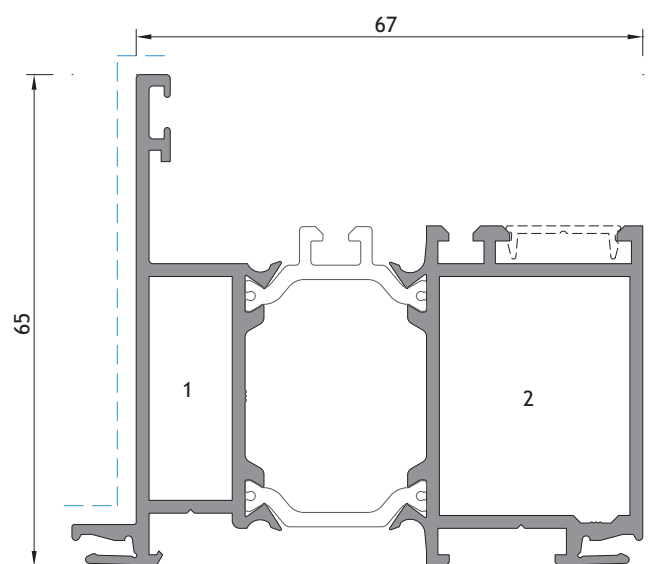
LT 47 **NF**



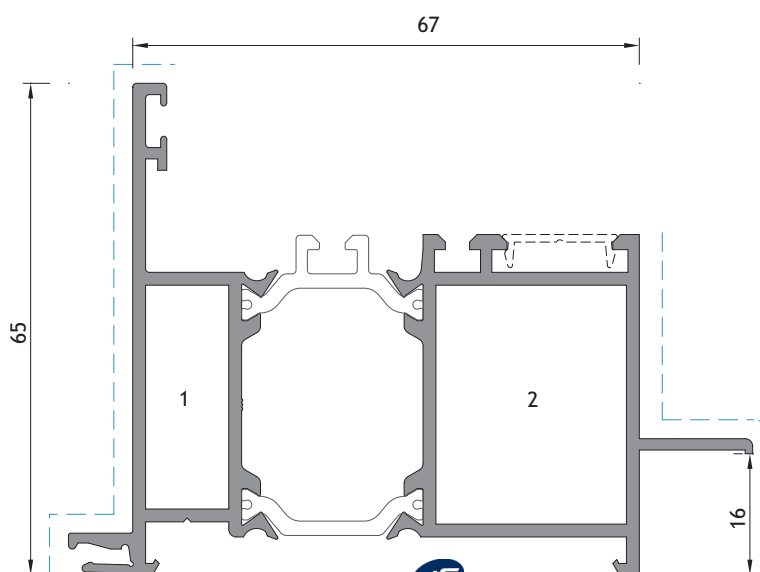
LT 67 **NF**



LT 41 **NF**



LT 57 **NF**



LT 62 **NF**



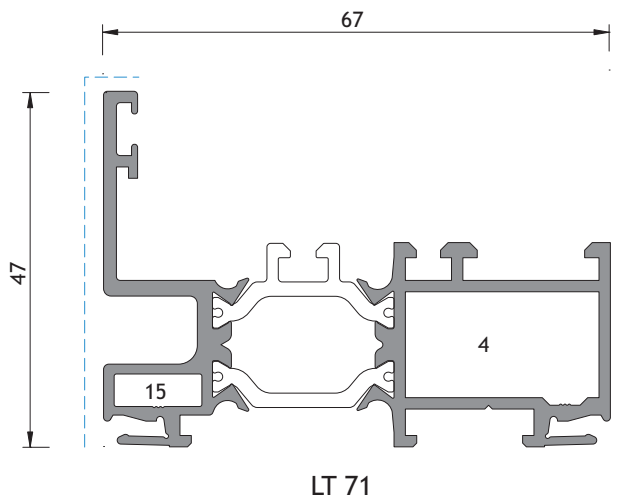
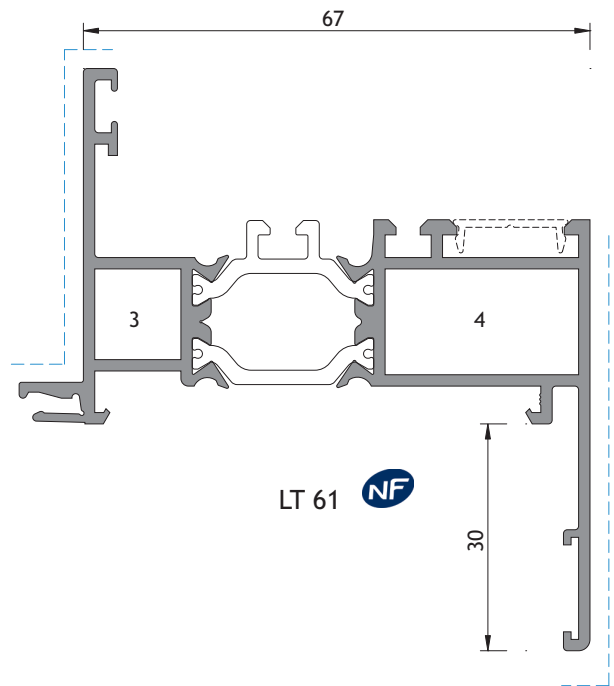
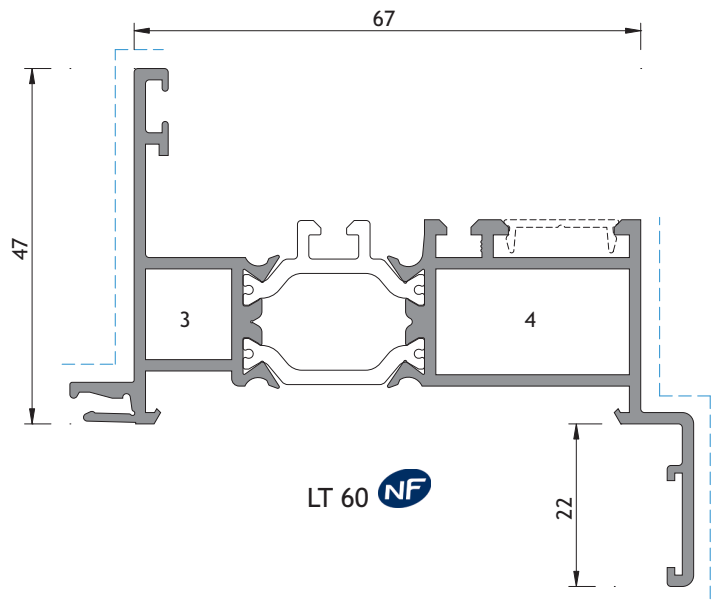
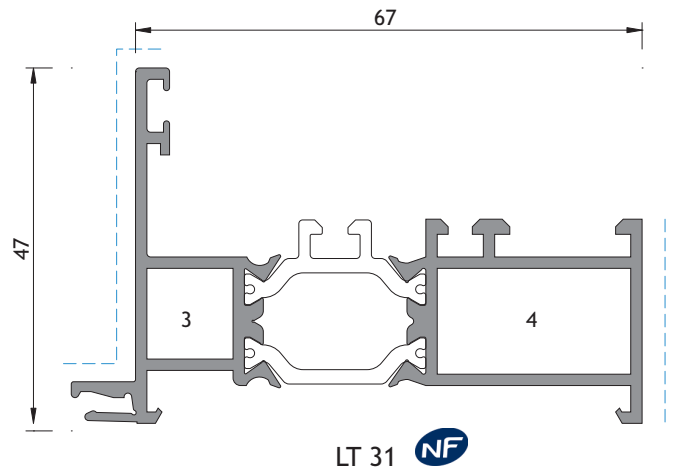
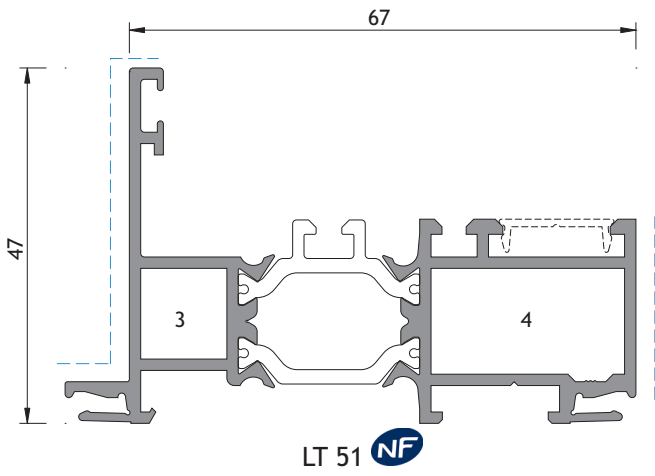
1-ESQUADRO 18-1130-C  
6- ESQUADRO 18-1135-C  
11- U. TRAVESSA SA 2001G

2- ESQUADRO AT E. G.  
7- ESQUADRO SA35 CORT. P.  
12 - U. TRAVESSA SA 2001XP

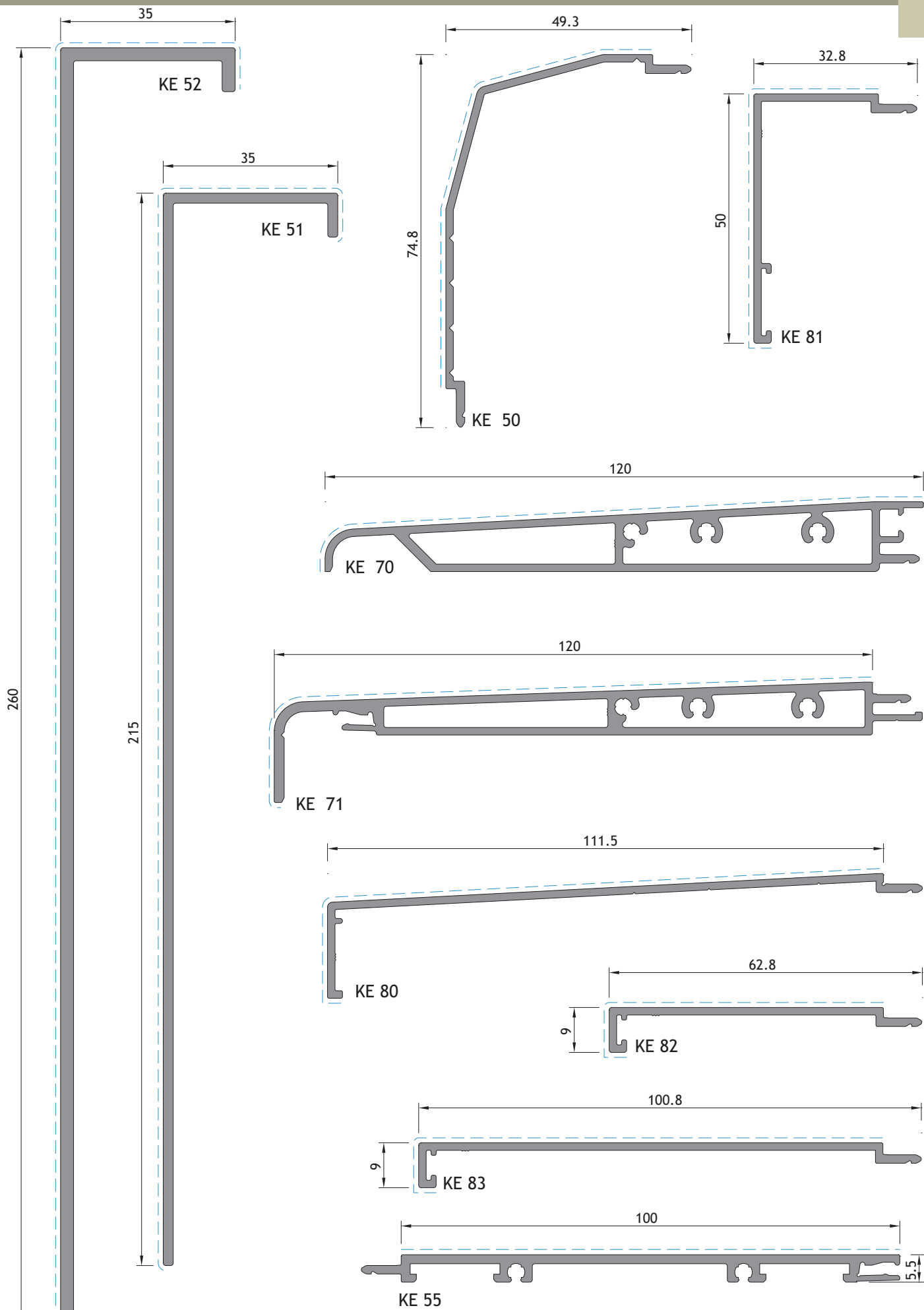
3 - ESQUADRO 18-1112-C  
8 - ESQUADRO 18-1414-C  
13- U. SUP. TRAVESSA XP

4 - ESQUADRO AT E. P.  
9 - CANTO CR 0182 + PINOS GR.  
14- U. SUP. TRAVESSA G

5 - ESQUADRO 26-2537-140  
10 - ESQUADRO 1108  
15 - ESQUADRO LT1104







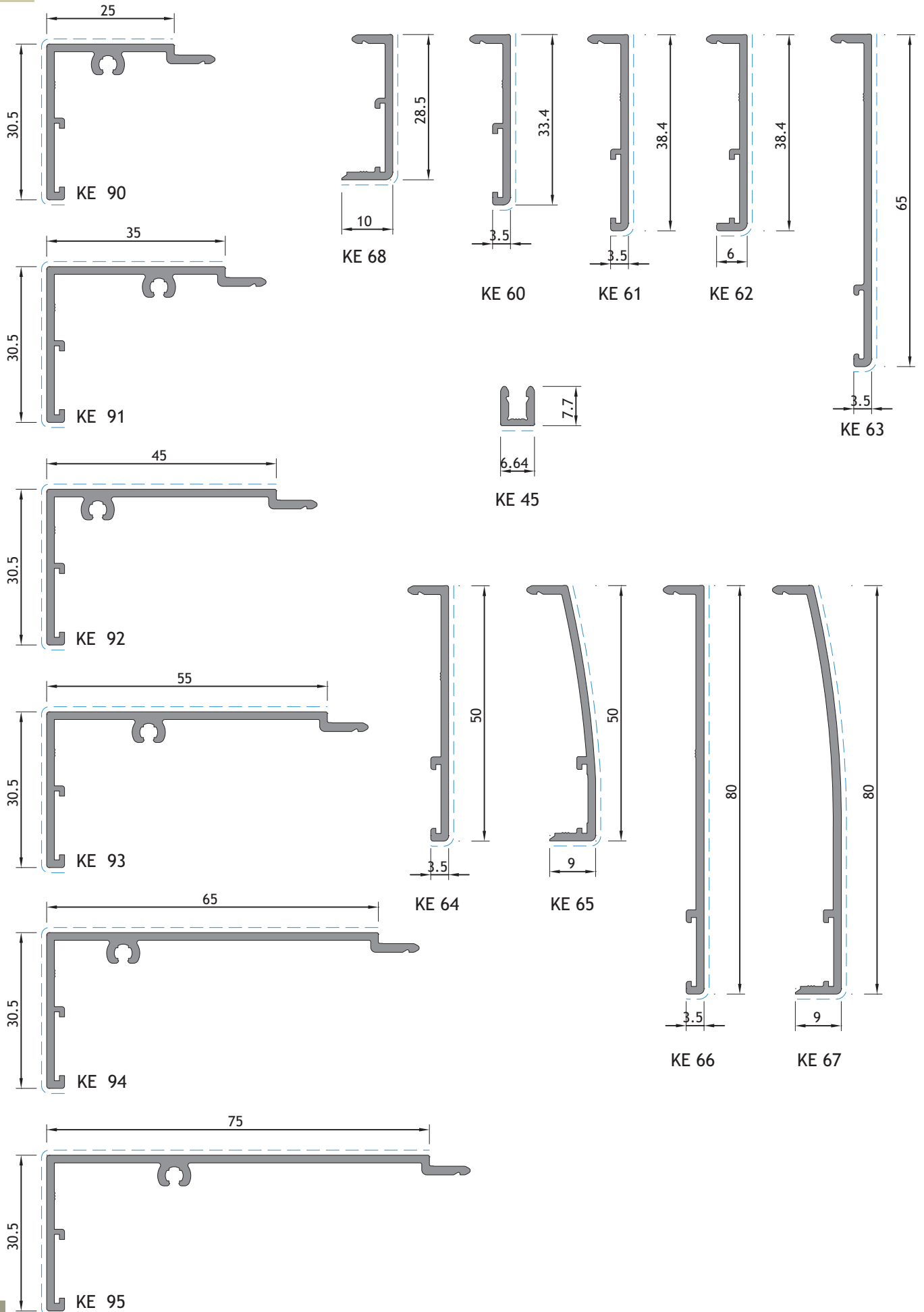


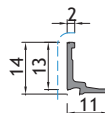
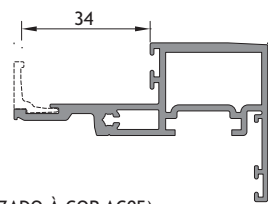
TABELA DE BITES | GLAZING BEADS | PARCLOSES

21	AT 90	24.5	38	AT 90
23	AT 98	26.5	36	AT 98
25	AT 91	29.5	33	AT 91
29	AT 89	33.5	29	AT 89
32	AT 92	36.5	26	AT 92
36	AT 97	40.5	22	AT 97
39	AT 93	43.5	19	AT 93
42	AT 94	46.5	16	AT 94
46	AT 95	50.5	12	AT 95
49	AT 96	53.5	9	AT 96
53	AT 99	57.5	5	AT 99
62.5		62.5		

BITES PARA LT-OCULTA  
GLAZING BEADS FOR LT-CONCEALED | PARCLOSES POUR LT-CACHÉ



**LT 95**  
(BITE EM POLIAMIDA)  
(POLYAMIDE GLAZING BEAD)  
(PARCLOSE EN POLYAMIDE)



**LT 95**  
(BITE EM ALUMÍNIO - ANODIZADO À COR AC05)  
(ALUMINIUM GLAZING BEAD - ANODIZED ON AC05 COLOUR)  
(PARCLOSE EN ALUMINIUM - ANODISÉ À COULEUR AC05)

26	SB 92	26	SA 92
		22	SA 97
19	SB 93	19	SA 93
16	SB 94	16	SA 94
12	SB 95	12	SA 95
9	SB 96	9	SA 96



**MOLA EURO 2000** Ref: 228165  
Para aplicar com os bites com referência SA Lacados  
To apply with the glazing beads with reference SA Powder coated  
Pour appliquer avec les parclose avec référence SA laqué



**PRESILHA SA 71 EM ALUMÍNIO** Ref: 207202  
Para aplicar com os bites com referência SA  
To apply with the glazing beads with reference SA  
Pour appliquer avec les parclose avec référence SA



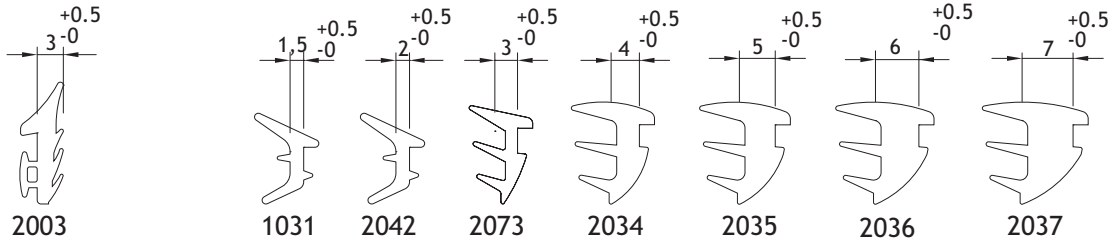


TABELA DE BITES PARA PERFIS DE 52mm

GLAZING BEADS SCHEDULE FOR 52mm PROFILES

TABLE DES PARCLOSES POUR PROFILS DE 52mm

VEDANTE EXTERIOR OUTER GASKET JOINT EXTÉRIEUR	ESPESSURA DO VIDRO THICKNESS OF GLASS ÉPAISSEUR DU VERRE	VEDANTE INTERIOR INNER GASKET JOINT INTÉRIEUR	BITE GLAZING BEAD PARCLOSE	
			RETO   STRAIGHT   DROITE	REDONDO   ROUND   ARRONDIE
2003	14	2037	AT 90	
2003	15	2036	AT 90	
2003	16	2035	AT 90	
2003	17	2034	AT 90	
2003	18	2035	AT 98	
2003	19	2034	AT 98	
2003	20	2036	AT 91	
2003	21	2035	AT 91	
2003	22	2034	AT 91	
2003	23	2037	AT 89	
2003	24	2036	AT 89	
2003	25	2035	AT 89	
2003	26	2034	AT 89	
2003	27	2036	AT 92	SA/ SB 92
2003	28	2035	AT 92	SA/ SB 92
2003	29	2034	AT 92	SA/ SB 92
2003	30	2037	AT 97	SA 97
2003	31	2036	AT 97	SA 97
2003	32	2035	AT 97	SA 97
2003	33	2034	AT 97	SA 97
2003	34	2036	AT 93	SA/ SB 93
2003	35	2035	AT 93	SA/ SB 93
2003	36	2034	AT 93	SA/ SB 93
2003	37	2036	AT 94	SA/ SB 94
2003	38	2035	AT 94	SA/ SB 94
2003	39	2034	AT 94	SA/ SB 94
2003	40	2037	AT 95	SA/ SB 95
2003	41	2036	AT 95	SA/ SB 95
2003	42	2035	AT 95	SA/ SB 95
2003	43	2034	AT 95	SA/ SB 95
2003	44	2036	AT 96	SA/ SB 96
2003	45	2035	AT 96	SA/ SB 96
2003	46	2034	AT 96	SA/ SB 96
2003	47	2037	AT 99	
2003	48	2036	AT 99	
2003	49	2035	AT 99	
2003	50	2034	AT 99	



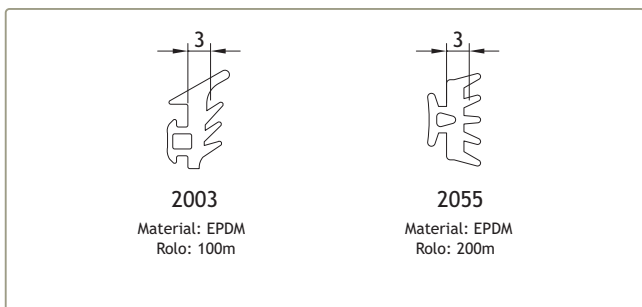
## **Acessórios**

Accessories

Accessoires



**INTENCIONALMENTE EM BRANCO**  
INTENTIONALLY BLANK  
INTENTIONNELLEMENT BLANCHE

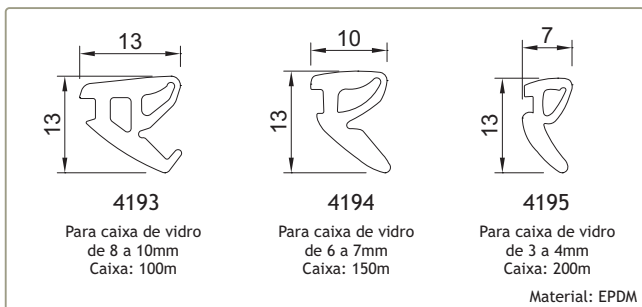


**2003**  
Material: EPDM  
Rolo: 100m

**2055**  
Material: EPDM  
Rolo: 200m

208350  
208289

JUNTA DE VEDAÇÃO EXTERIOR 2003  
JUNTA DE BATENTE 2055



**4193**  
Para caixa de vidro  
de 8 a 10mm  
Caixa: 100m

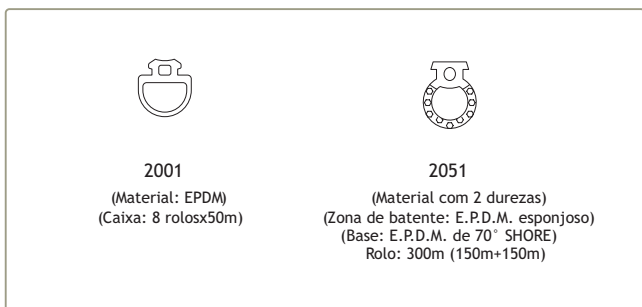
**4194**  
Para caixa de vidro  
de 6 a 7mm  
Caixa: 150m

**4195**  
Para caixa de vidro  
de 3 a 4mm  
Caixa: 200m

Material: EPDM

208912  
208913  
208914

JUNTA DE CUNHA RECORTADA 4193  
JUNTA DE CUNHA RECORTADA 4194  
JUNTA DE CUNHA RECORTADA 4195

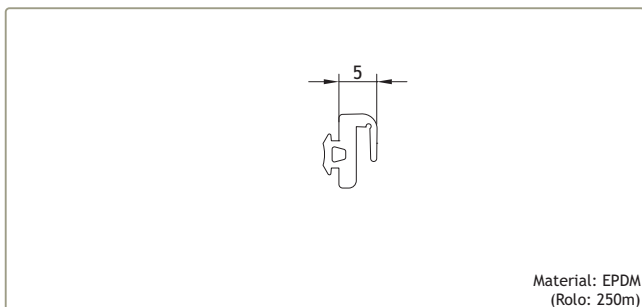


**2001**  
(Material: EPDM)  
(Caixa: 8 rolosx50m)

**2051**  
(Material com 2 durezas)  
(Zona de batente: E.P.D.M. esponjoso)  
(Base: E.P.D.M. de 70° SHORE)  
Rolo: 300m (150m+150m)

208274  
208008

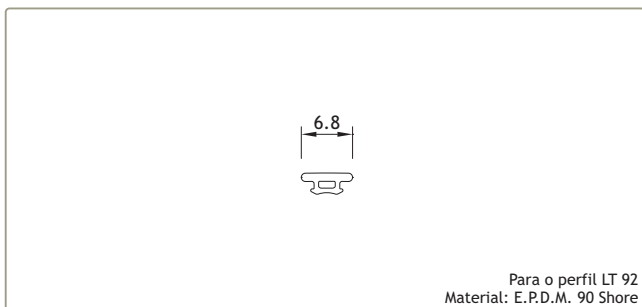
JUNTA DE ESTANQUIDADE 2001  
JUNTA DE ESTANQUIDADE 2051



Material: EPDM  
(Rolo: 250m)

208114

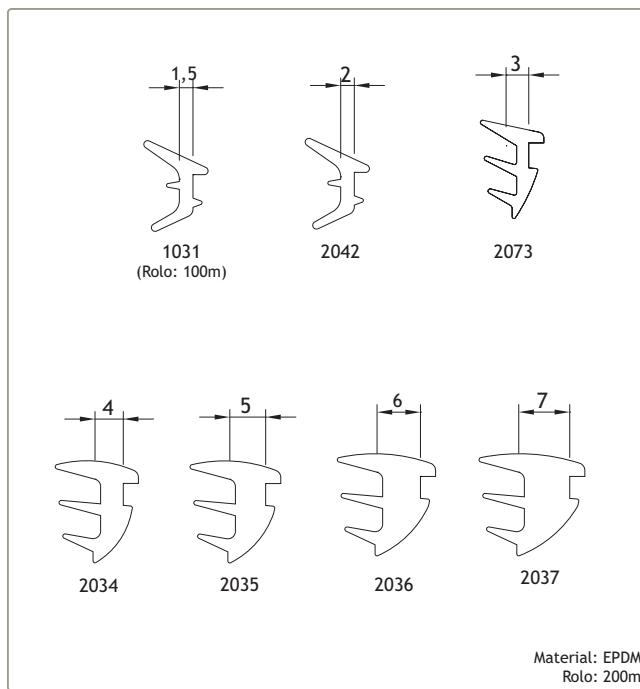
JUNTA DE BATENTE 2008



Para o perfil LT 92  
Material: E.P.D.M. 90 Shore

208186

JUNTA VD 2075



**1031**  
(Rolo: 100m)

**2042**

**2073**

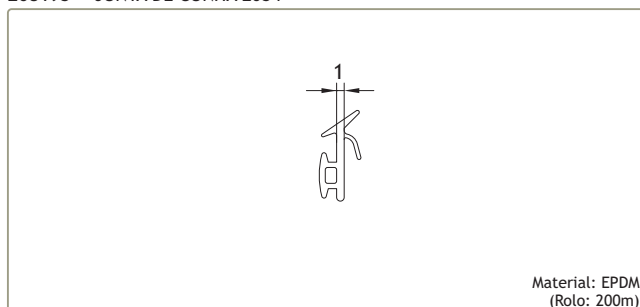
208223  
208191  
208199  
208195

JUNTA DE CUNHA 1031  
JUNTA DE CUNHA 2042  
JUNTA DE CUNHA 2073  
JUNTA DE CUNHA 2034

208196  
208215  
208904

JUNTA DE CUNHA 2035  
JUNTA DE CUNHA 2036  
JUNTA DE CUNHA 2037

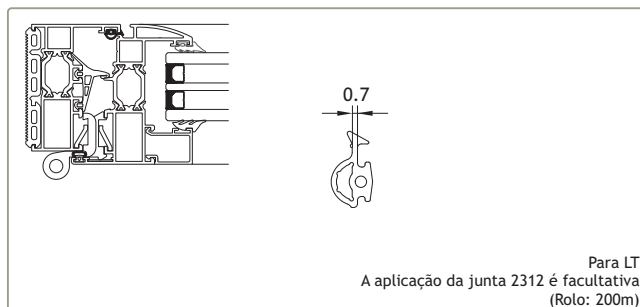
Material: EPDM  
Rolo: 200m



Material: EPDM  
(Rolo: 200m)

208278

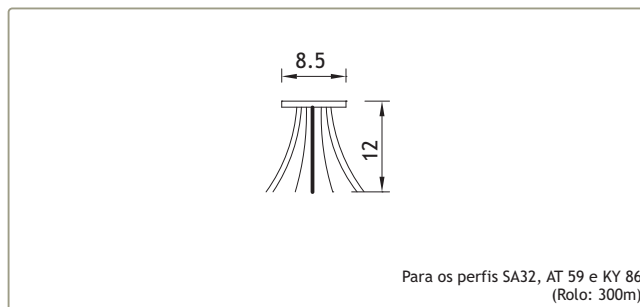
JUNTA DE ESTANQUIDADE 2112



Para LT  
A aplicação da junta 2312 é facultativa  
(Rolo: 200m)

208319

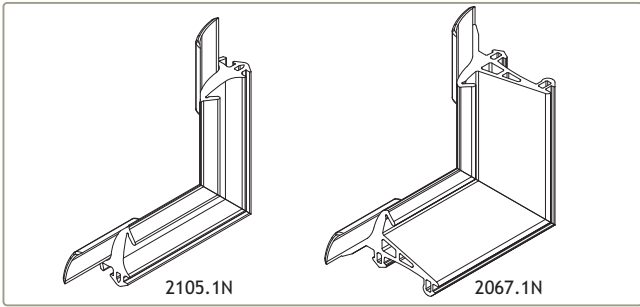
JUNTA DE VEDAÇÃO EXTERIOR 2312 SÉRIE LT



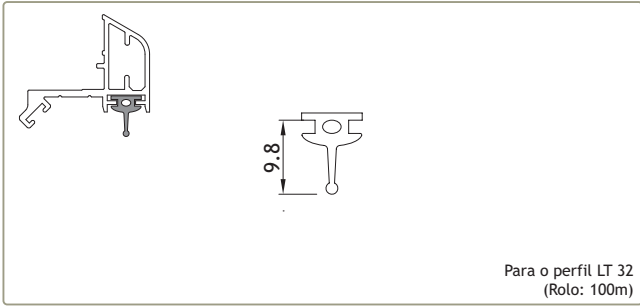
Para os perfis SA32, AT 59 e KY 86  
(Rolo: 300m)

208464

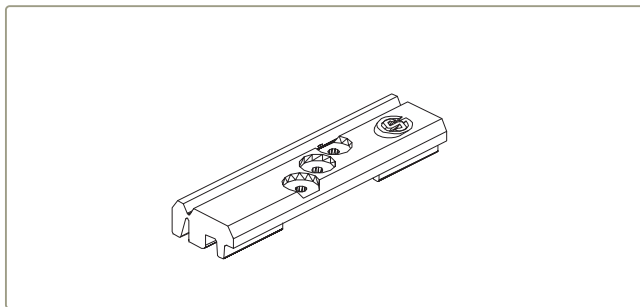
JUNTA PELÚCIA 8.5x12 S-FIN



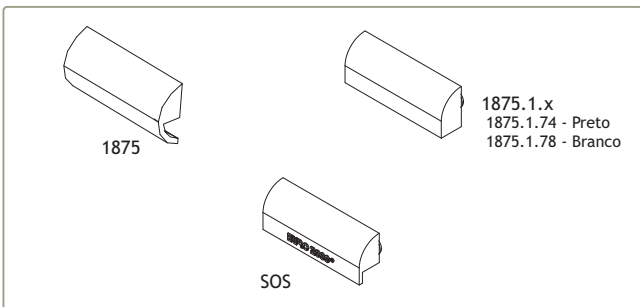
213290 CANTO VULCANIZADO 2105.1N  
213255 CANTO VULCANIZADO 2067.1N



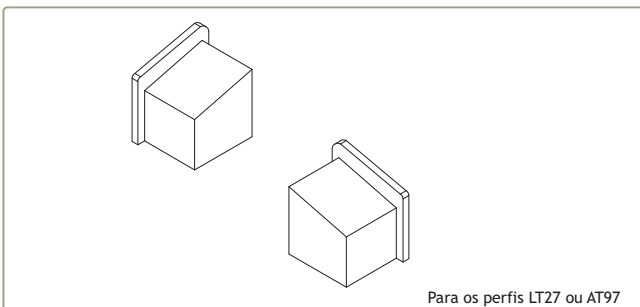
208246 JUNTA ENCAIXE 1140 PRT



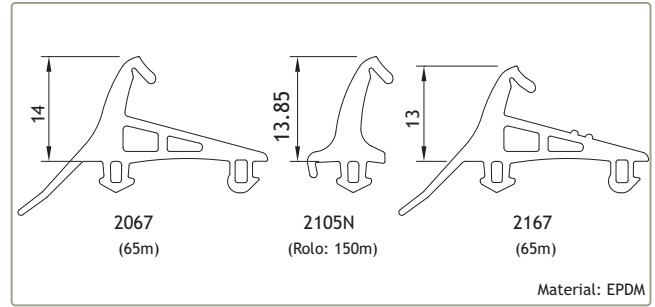
218194 CALÇO P/VIDRO EURO 2000 Nylon



210154 GOTEIRA 1875 Br/Pr  
210280 GOTEIRA SOS C/ VÁLV. Br/Pr.  
210142 GOT. C/VÁLV. 1875.1.74  
210144 GOT. C/VÁLV. 1875.1.78

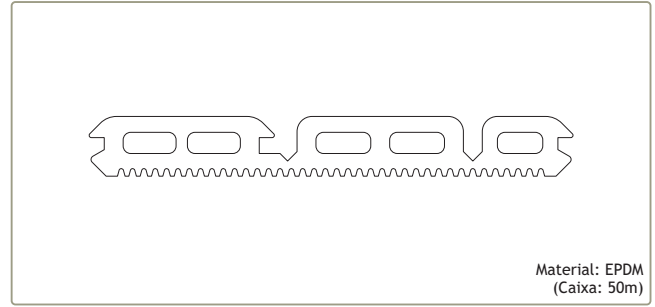


212366 CONJUNTO TOPO SOL 26 Pr



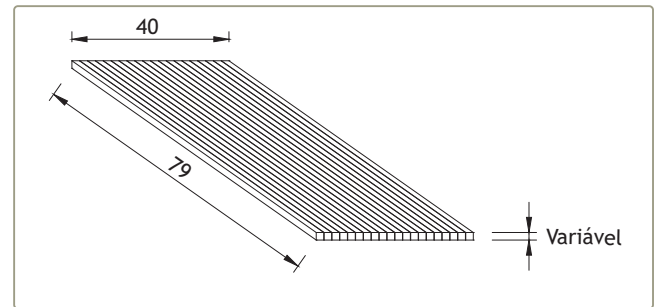
208486 JUNTA DE VEDAÇÃO CENTRAL 2105N  
208491 JUNTA DE VEDAÇÃO CENTRAL 2067  
208137 JUNTA DE VEDAÇÃO CENTRAL 2167

Material: EPDM

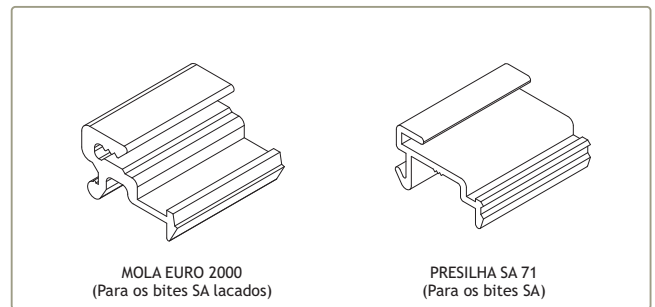


208152 JUNTA DE REMATE PAREDE 2069

Material: EPDM  
(Caixa: 50m)

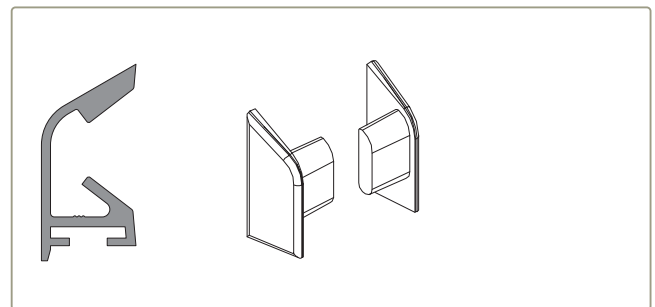


218113 CALÇO P/VIDRO 79x40x2  
218109 CALÇO P/VIDRO 79x40x3  
218111 CALÇO P/VIDRO 79x40x4  
218112 CALÇO P/VIDRO 79x49x5



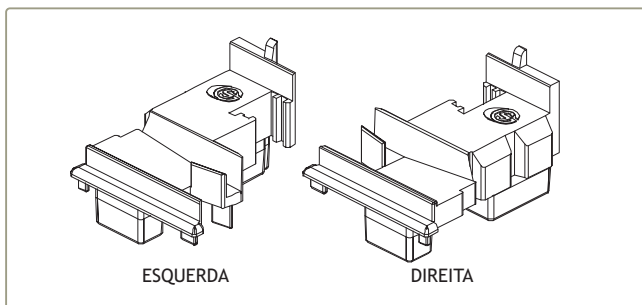
228165 MOLA EURO 2000  
207202 (Para os bites SA lacados)  
PRESILHA SA 71  
(Para os bites SA)

MOLA EURO 2000  
PRESILHA SA 71

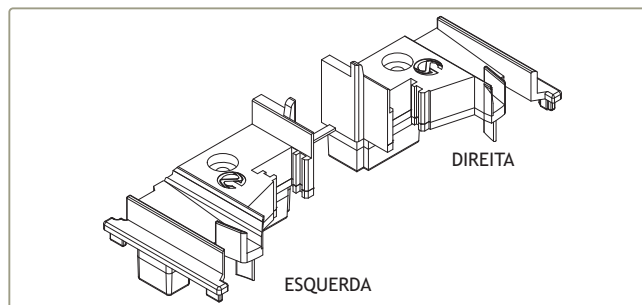


212346 CONJ. TAPA-TOPOS SA 32 Br/Pr

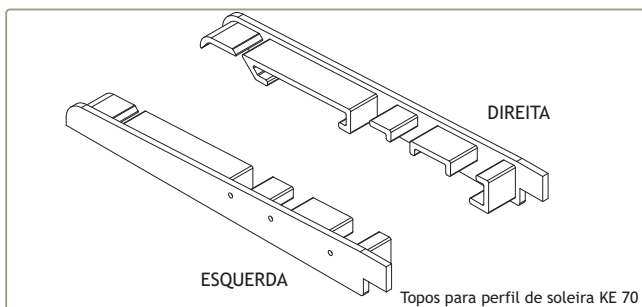




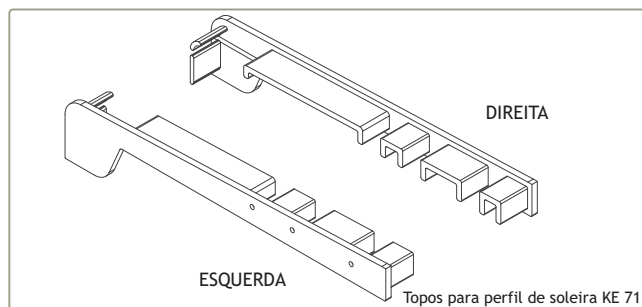
212014 CONJUNTO TOPO INVERSOR LT Preto



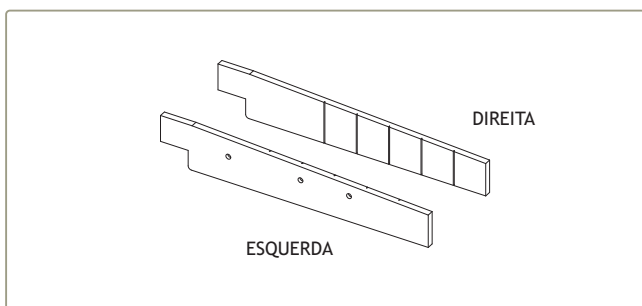
212057 CONJUNTO TOPO INVERSOR LT - OCULTA Preto



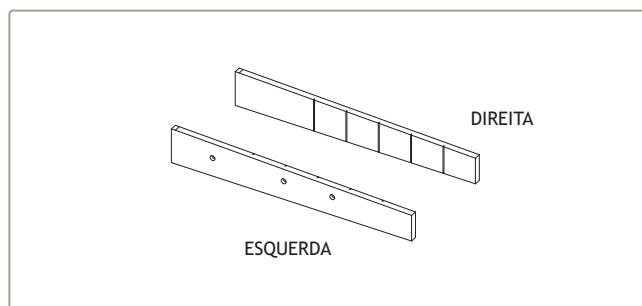
212222 Topos para perfil de soleira KE 70  
CONJUNTO TAPA TOPOS KE 70



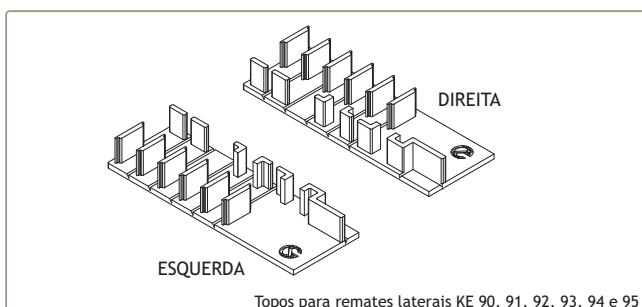
212221 Topos para perfil de soleira KE 71  
CONJUNTO TAPA TOPOS KE 71



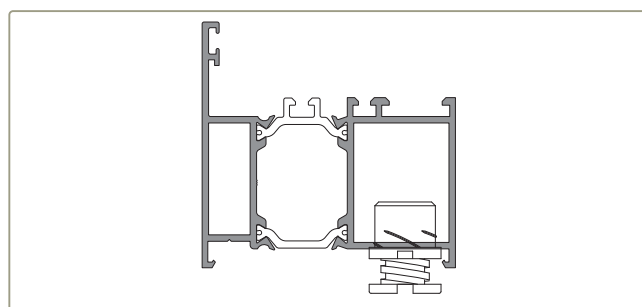
212126 CONJUNTO JUNTAS ADESIVAS P/TOPOS PERFIL SOLEIRA KE 70



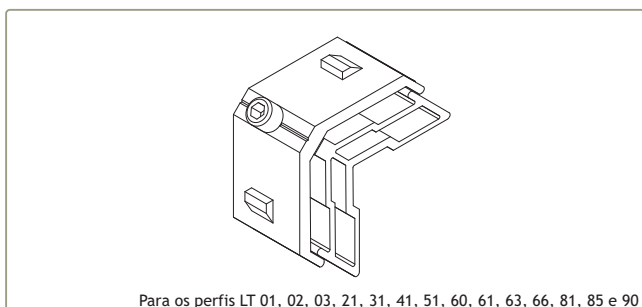
212227 CONJUNTO JUNTAS ADESIVAS P/TOPOS PERFIL SOLEIRA KE 70



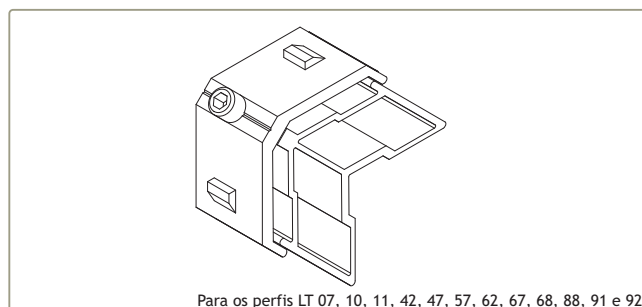
212223 Topos para remates laterais KE 90, 91, 92, 93, 94 e 95  
CONJUNTO TOPOS INFERIORES PARA RENOVATIO



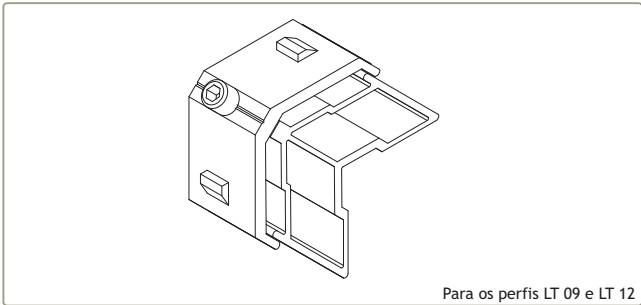
224205 NIVELADOR PEQUENO 600.01/8



204728 Para os perfis LT 01, 02, 03, 21, 31, 41, 51, 60, 61, 63, 66, 81, 85 e 90  
ESQUADRO AT E. PEQUENO

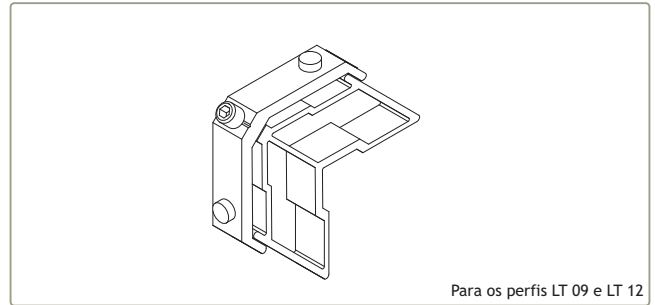


204730 Para os perfis LT 07, 10, 11, 42, 47, 57, 62, 67, 68, 88, 91 e 92  
ESQUADRO AT E. GRANDE



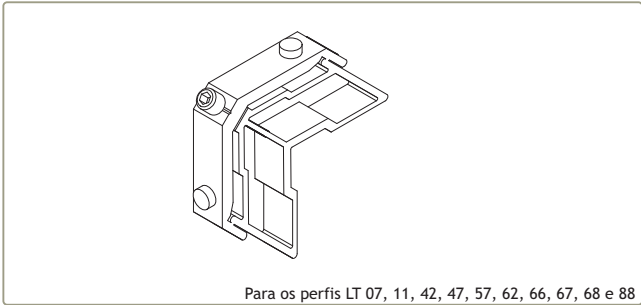
Para os perfis LT 09 e LT 12  
ESQUADRO 26-2537-140

204010



Para os perfis LT 09 e LT 12  
ESQUADRO 18-1135-C

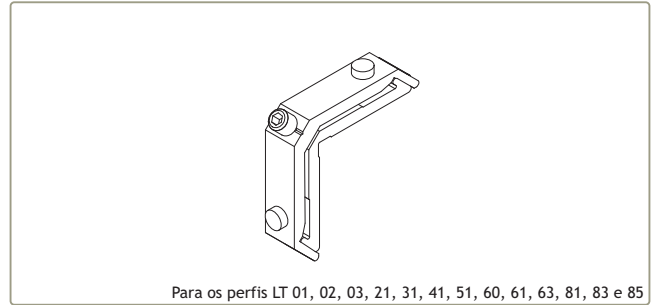
204902



Para os perfis LT 07, 11, 42, 47, 57, 62, 66, 67, 68 e 88

204009

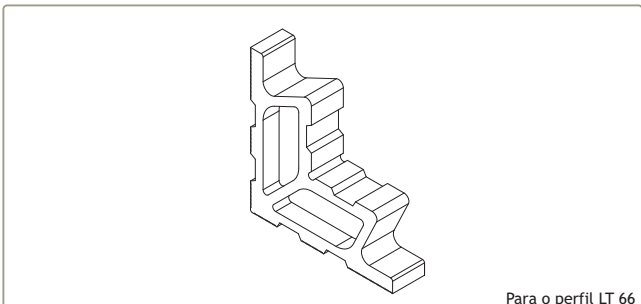
ESQUADRO 18-1130-C



Para os perfis LT 01, 02, 03, 21, 31, 41, 51, 60, 61, 63, 81, 83 e 85

204901

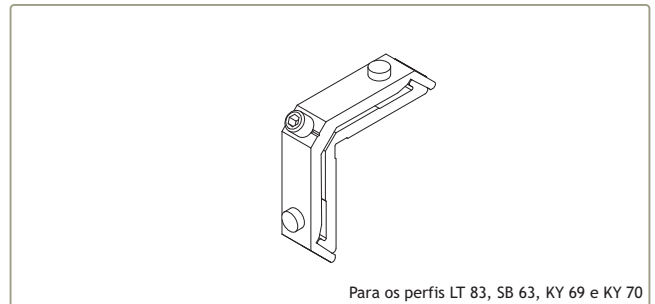
ESQUADRO 18-1112-C



Para o perfil LT 66

204256

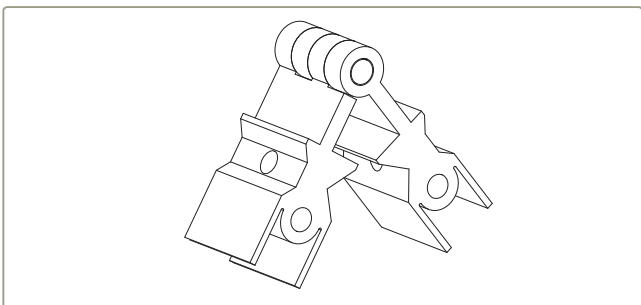
ESQUADRO SA 35 CORTADO PEQUENO



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

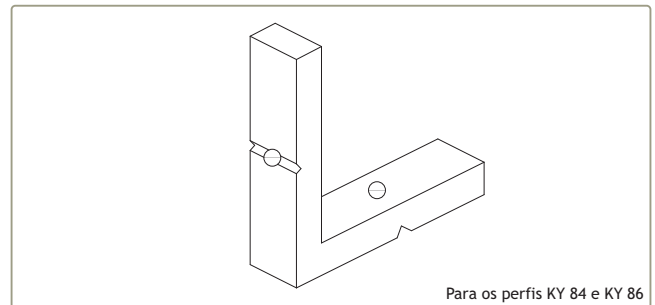
204029

ESQUADRO 18-1414-C



204306

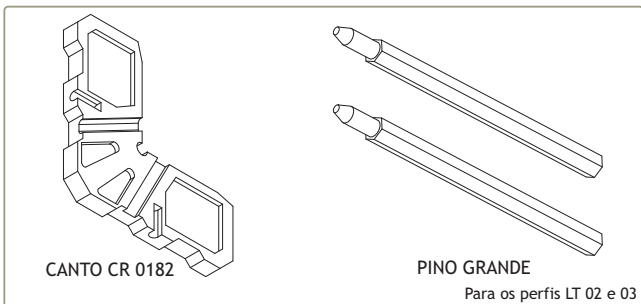
ESQUADRO GRADUÁVEL AT 2100



Para os perfis KY 84 e KY 86

204380

ESQUADRO 1108



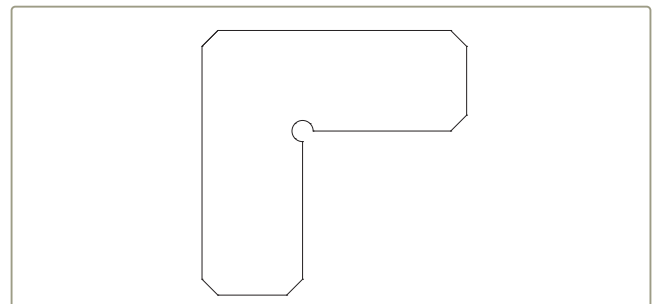
CANTO CR 0182

PINO GRANDE

Para os perfis LT 02 e 03

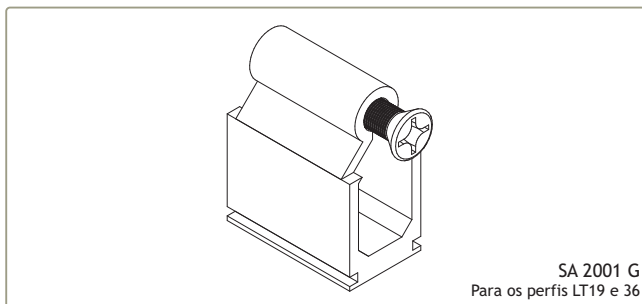
213309

CANTO CR 0182 + PINOS GR.



213246

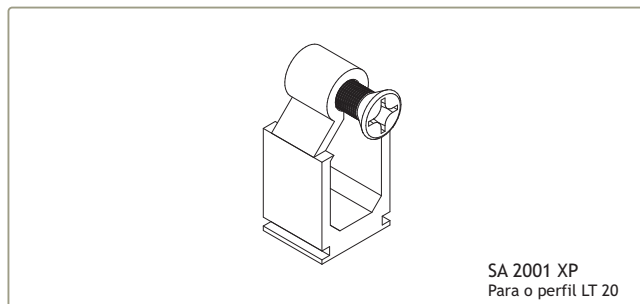
CANTO CR S/SB



SA 2001 G  
Para os perfis LT19 e 36

232116  
290037

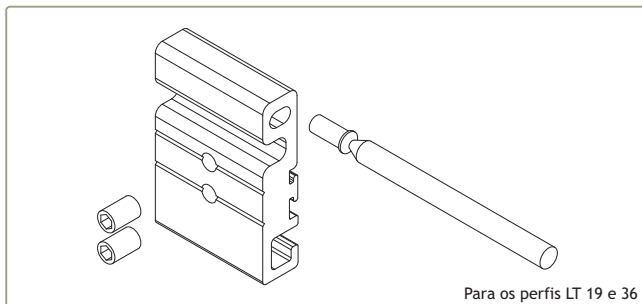
UNIÃO TRAVESSAS SA2001 G  
PARAFUSO SUPLEMENTAR P/UNIÃO SA2001 G INOX



SA 2001 XP  
Para o perfil LT 20

232119

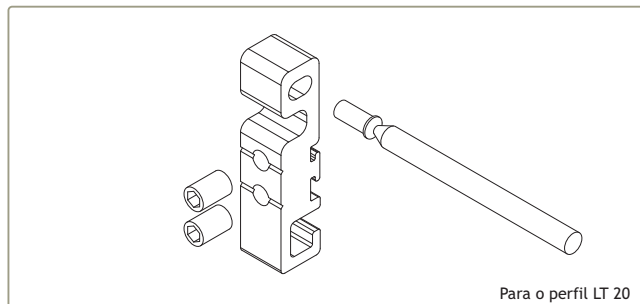
UNIÃO TRAVESSAS SA2001 XP



Para os perfis LT 19 e 36

232106

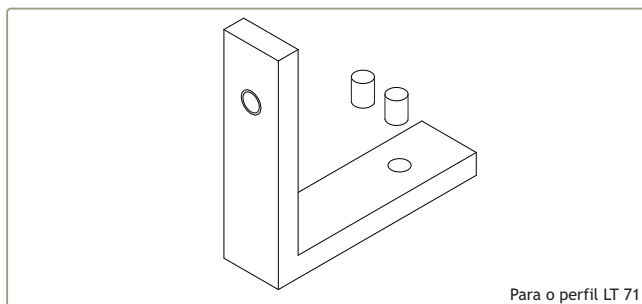
UNIÃO SUPLEMENTAR DE TRAVESSA G



Para o perfil LT 20

232107

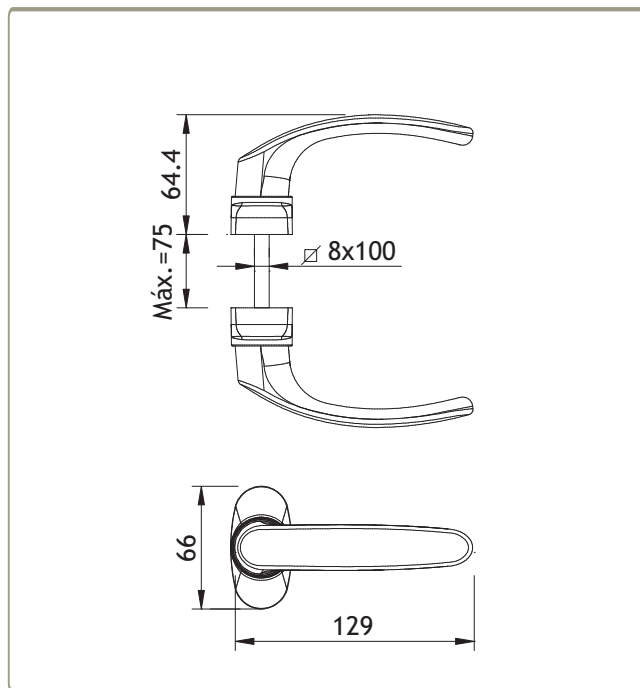
UNIÃO SUPLEMENTAR DE TRAVESSA XP



Para o perfil LT 71

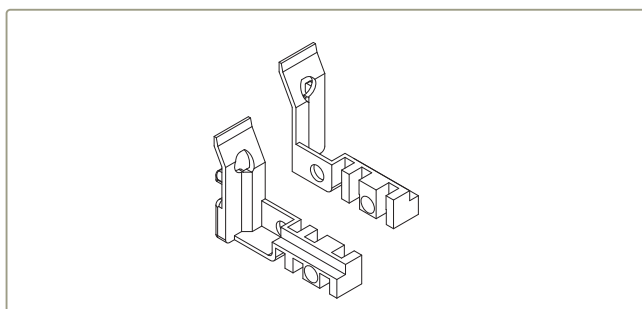
204163

ESQUADRO LT 1104



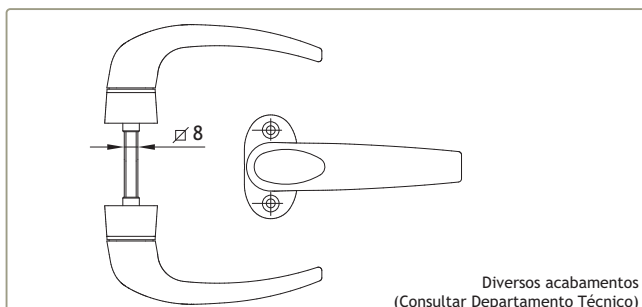
200920

PUXADOR DUPLO 615



212224

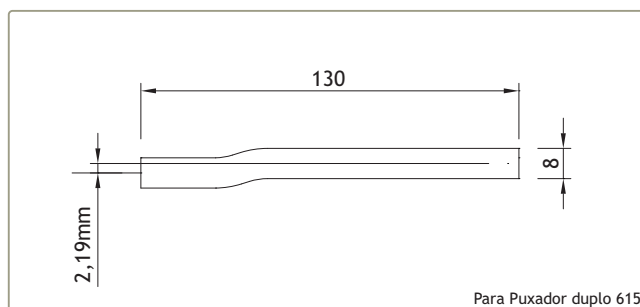
CONJ. TOPOS ALINHAMENTO P/ TRAVESSAS LT



Diversos acabamentos  
(Consultar Departamento Técnico)

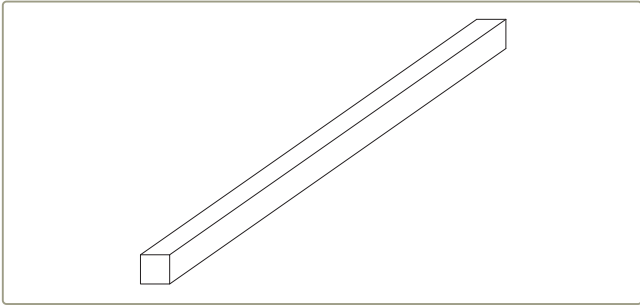
200028

PUXADOR DUPLO 874.31

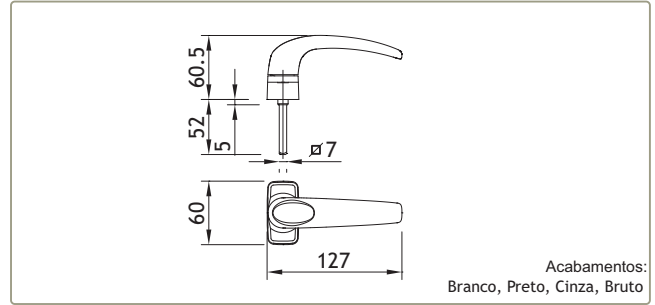


227302

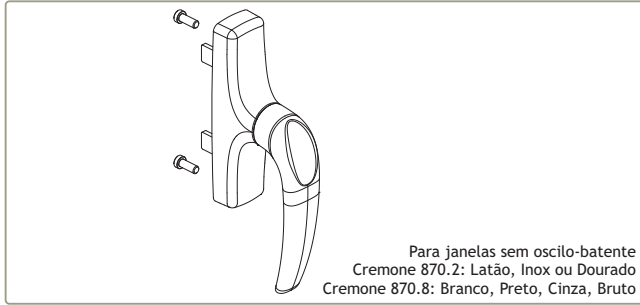
Para Puxador duplo 615  
QUADRA DESCENTRADA 130mm



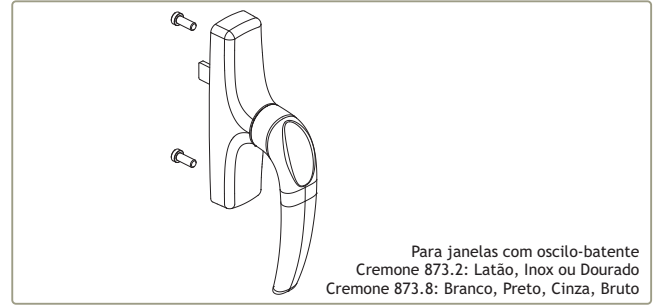
227301 QUADRA AÇO 8 x140 mm



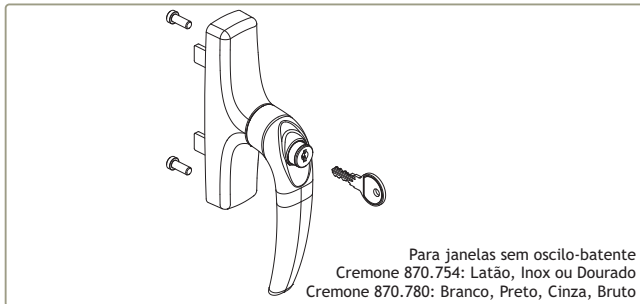
200052 Acabamentos: Branco, Preto, Cinza, Bruto PUXADOR SIMPLES 874.4/7



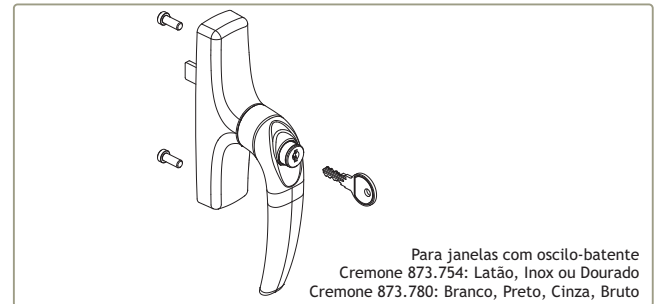
200302 Para janelas sem oscilo-batente  
200173 Cremone 870.2: Latão, Inox ou Dourado  
Cremone 870.8: Branco, Preto, Cinza, Bruto  
CREMONE MANON 870.2  
CREMONE MANON 870.8



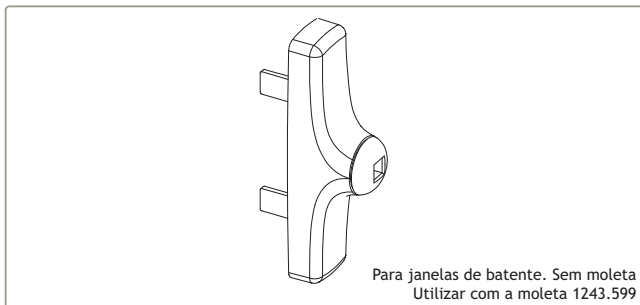
200315 Para janelas com oscilo-batente  
200174 Cremone 873.2: Latão, Inox ou Dourado  
Cremone 873.8: Branco, Preto, Cinza, Bruto  
CREMONE MANON 873.2  
CREMONE MANON 873.8



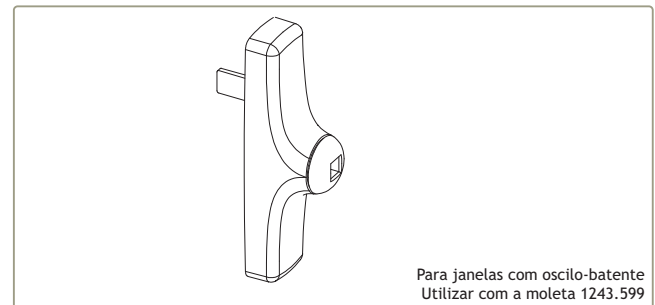
200215 Para janelas sem oscilo-batente  
200175 Cremone 870.754: Latão, Inox ou Dourado  
Cremone 870.780: Branco, Preto, Cinza, Bruto  
CREMONE MANON 870.754  
CREMONE MANON 870.780



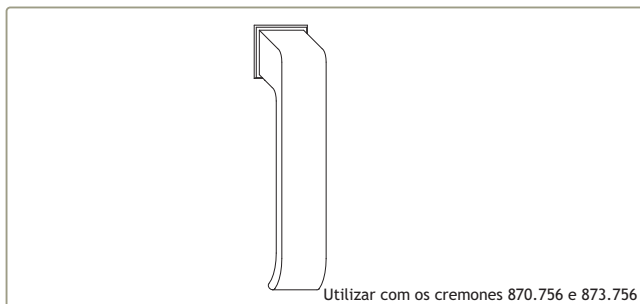
200969 Para janelas com oscilo-batente  
200176 Cremone 873.754: Latão, Inox ou Dourado  
Cremone 873.780: Branco, Preto, Cinza, Bruto  
CREMONE MANON 873.754  
CREMONE MANON 873.780



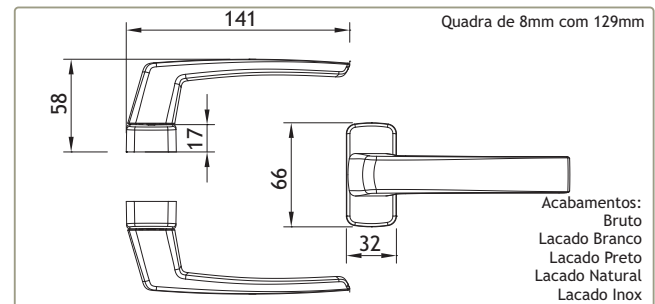
200974 Para janelas de batente. Sem moleta  
Utilizar com a moleta 1243.599  
CREMONE SEM MOLETA 870.756 Preto



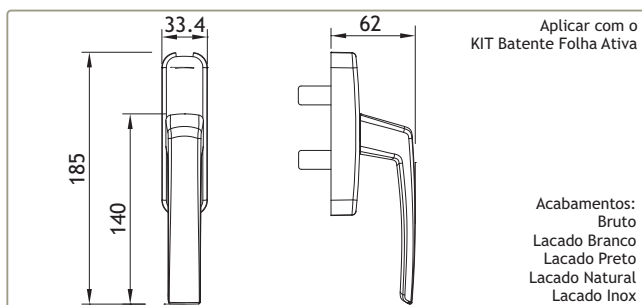
200406 Para janelas com oscilo-batente  
Utilizar com a moleta 1243.599  
CREMONE P/OSCILO-BATENTE S/MOLETA 873.756 Preto



211310 Utilizar com os cremones 870.756 e 873.756  
MOLETA CREM. 1243.599 Preto



200792 Acabamentos: Branco, Bruto, Lacado Branco, Lacado Preto, Lacado Natural, Lacado Inox  
PUXADOR DE PORTA DUPLO CUBIC

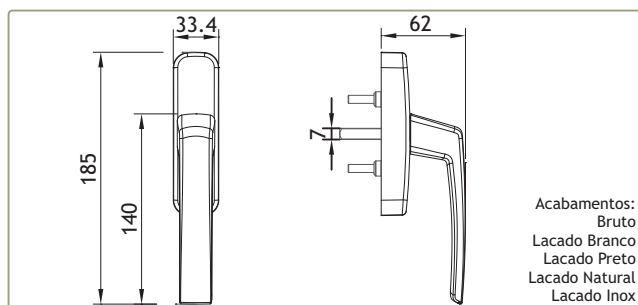


200508

CREMONE BATENTE CUBIC

Aplicar com o  
KIT Bateante Folha Ativa

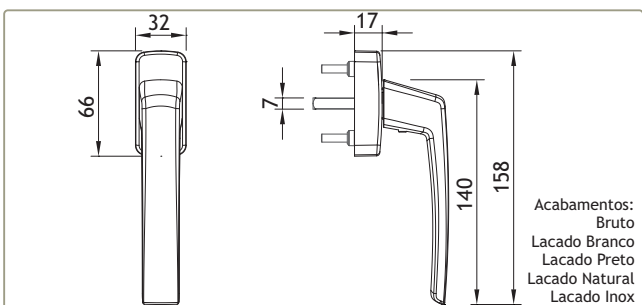
Acabamentos:  
Bruto  
Lacado Branco  
Lacado Preto  
Lacado Natural  
Lacado Inox



200509

CREMONE DE QUADRA CUBIC

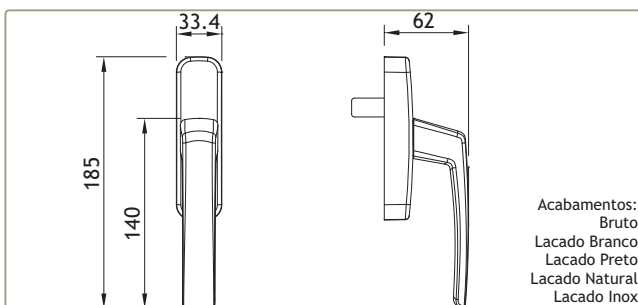
Acabamentos:  
Bruto  
Lacado Branco  
Lacado Preto  
Lacado Natural  
Lacado Inox



200793

MANETE DE QUADRA CUBIC

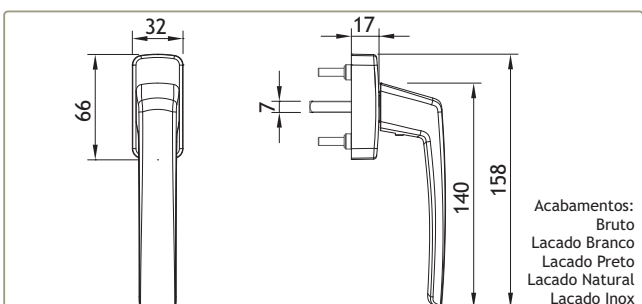
Acabamentos:  
Bruto  
Lacado Branco  
Lacado Preto  
Lacado Natural  
Lacado Inox



200507

CREMONE OSCILO-BATENTE CUBIC

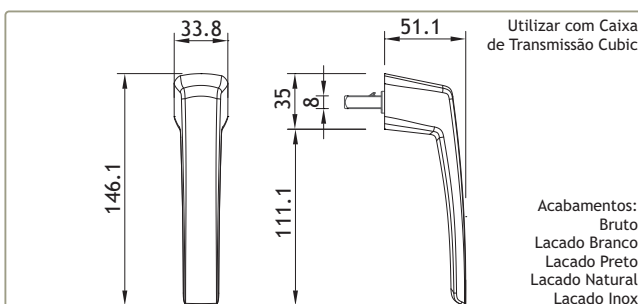
Acabamentos:  
Bruto  
Lacado Branco  
Lacado Preto  
Lacado Natural  
Lacado Inox



200794

MANETE DE QUADRA DE SEGURANÇA CUBIC

Acabamentos:  
Bruto  
Lacado Branco  
Lacado Preto  
Lacado Natural  
Lacado Inox

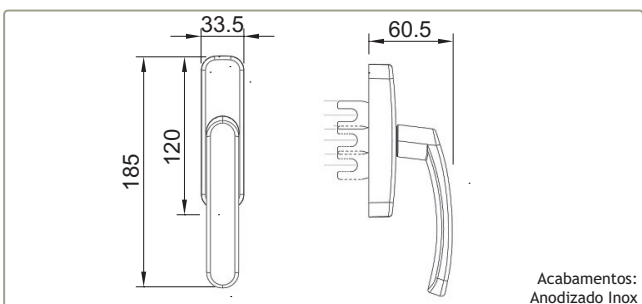


200798

MANETE MINIMALISTA CUBIC

Utilizar com Caixa  
de Transmissão Cubic

Acabamentos:  
Bruto  
Lacado Branco  
Lacado Preto  
Lacado Natural  
Lacado Inox



200510

CREMONE ANODIZADA

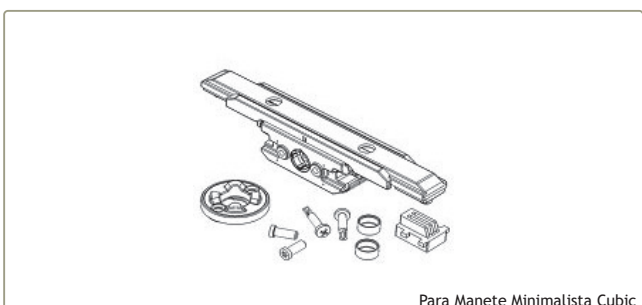
Acabamentos:  
Anodizado Inox



200633

PUXADOR DUPLO ANODIZADO

Acabamentos: Anodizado  
Quadra 8mm



203017

CAIXA TRANSMISSÃO PARA MANETE  
MINIMALISTA CUBIC + MECANISMO BASE

Para Manete Minimalista Cubic



223443

223442

KIT OSCILO-BATENTE ESQUERDO ANODIC (FI) S/CREMONE  
KIT OSCILO-BATENTE DIREITO ANODIC (FI) S/CREMONE

ESQUERDO

DIREITO

Utilizar com Cremone anodizada



212214 CONJUNTO DOBRADIÇA O.B. 2ª FOLHA ESQUERDO ANODIC  
212213 CONJUNTO DOBRADIÇA O.B. 2ª FOLHA DIREITO ANODIC



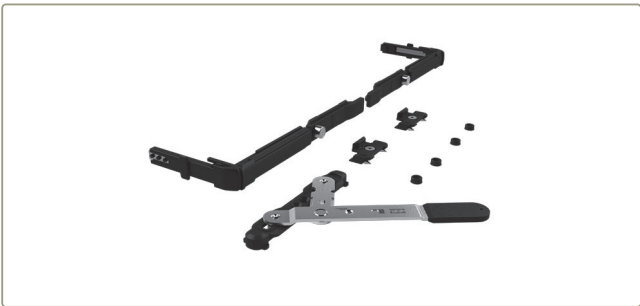
223566 Aplicar com Cremone de Batente Cubic  
KIT BATENTE FOLHA ATIVA



212217 CONJUNTO FECHO 2ª FOLHA ALAVANCA



212215 CONJUNTO FECHO 2ª FOLHA ALAVANCA BI-DIRECIONAL



212216 CONJUNTO FECHO 2ª FOLHA BI-DIRECIONAL C/ÂNGULOS REENVIO



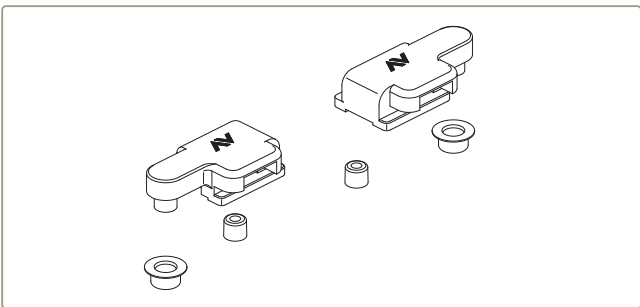
202512 Largura folha: 345 - 700mm  
Altura folha: 450 - 1200mm  
COMPASSO OSCILO MICRO 110309



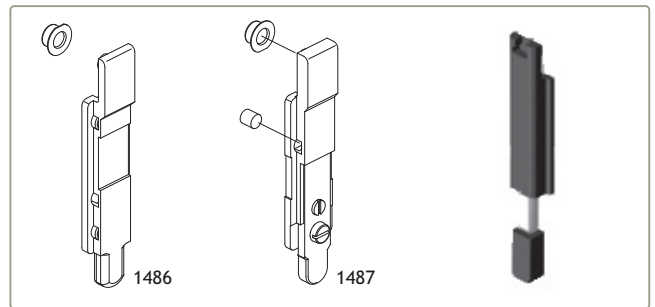
202503 Largura folha: 442 - 750mm  
Altura folha: 500 - 2400mm  
COMPASSO OSCILO PEQUENO 110302



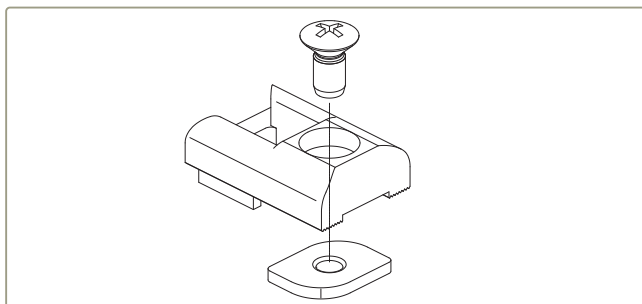
202501 Largura folha: 570 - 1200mm  
Altura folha: 700 - 2400mm  
COMPASSO OSCILO GRANDE 110301



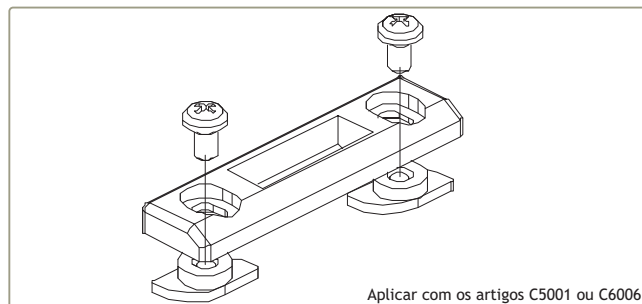
215114 PEÇA CREMONE VARETA 1481



206490 TERMINAL VARETA 1486  
206475 TERMINAL VARETA C/ REGULAÇÃO 1487  
206500 TERMINAL VARETA 2000



202077 CONTRA-FECHO 1404

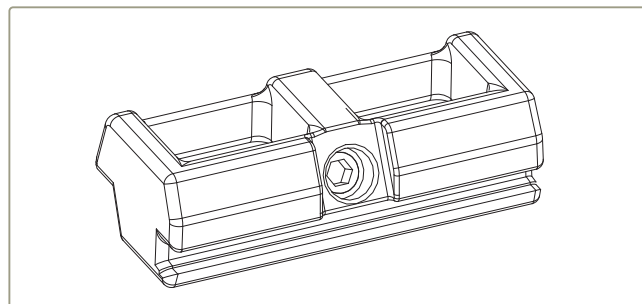


202310 CONTRA-FECHO DUPLO REGULÁVEL 2020

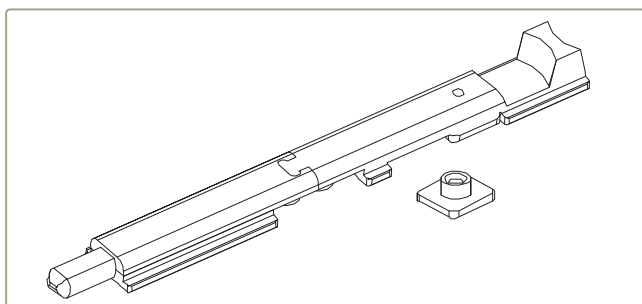
Aplicar com os artigos C5001 ou C6006



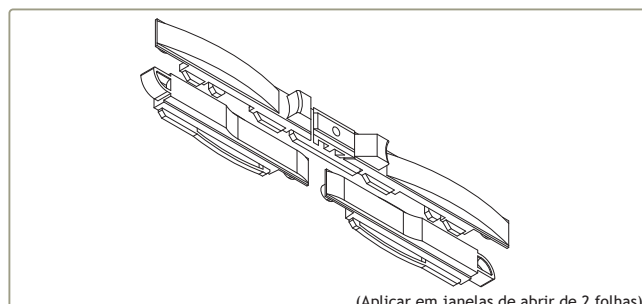
202090 CONTRA-FECHO DUPLO 1416.6



202091 CONTRA-FECHO DUPLO REGULÁVEL 1414

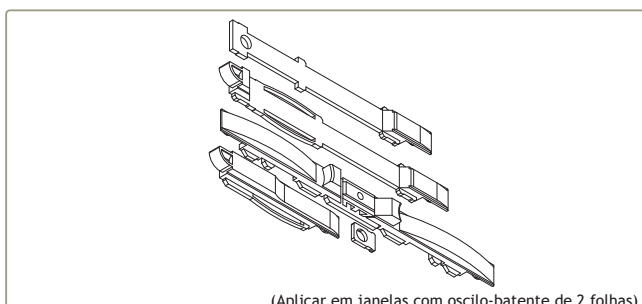


201490 FECHO PARA 2ª FOLHA 1541



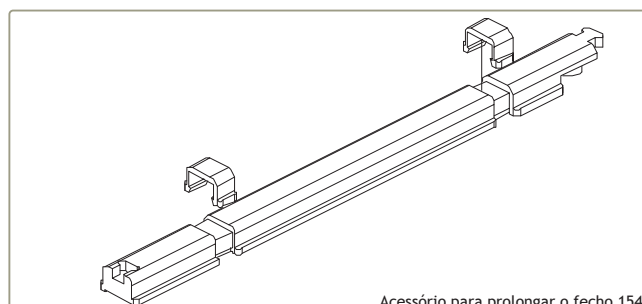
201507 FECHO SEMI-AUTO PARA 2ª FOLHA C5001

(Aplicar em janelas de abrir de 2 folhas)



201030 FECHO SEMI-AUTO PARA 2ª F C/O-B C6006

(Aplicar em janelas com oscilo-batente de 2 folhas)



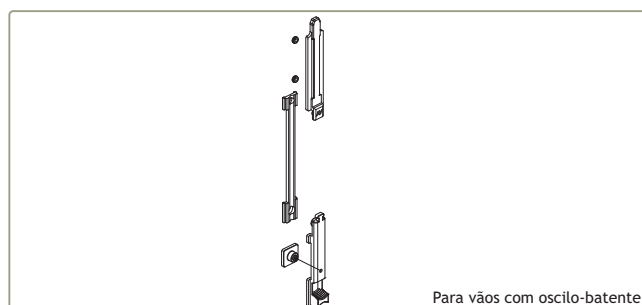
401001 ALONGAMENTO 1541.800

Acessório para prolongar o fecho 1541



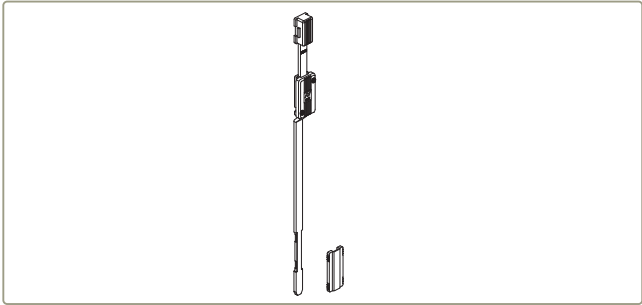
214280 VARETA 1541.820

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

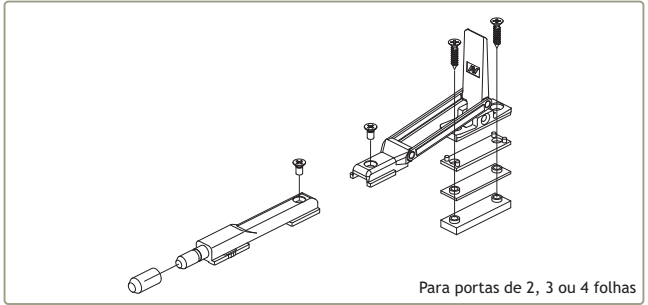


225130 PASSADOR 3000.854

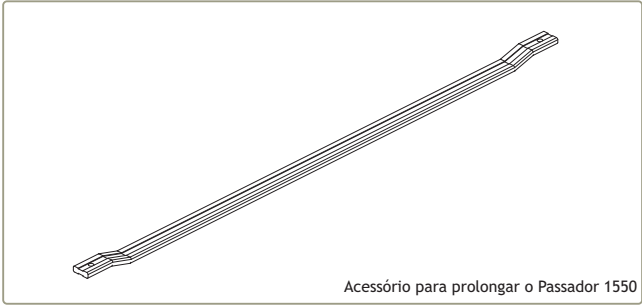
Para vãos com oscilo-batente



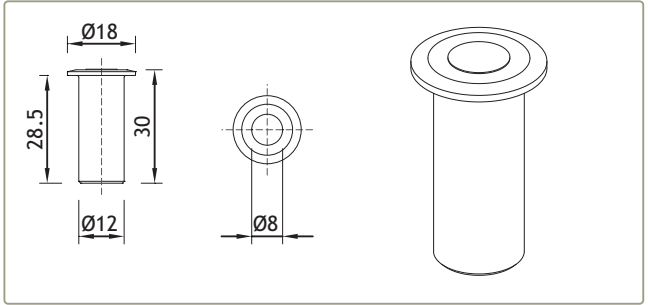
225205 PASSADOR PARA 2ª FOLHA 1545.2



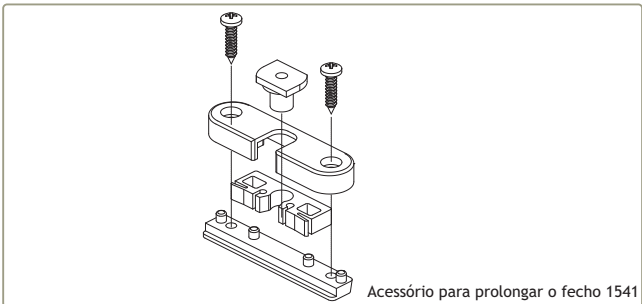
225155 PASSADOR REVERSÍVEL 1550   
 Para portas de 2, 3 ou 4 folhas



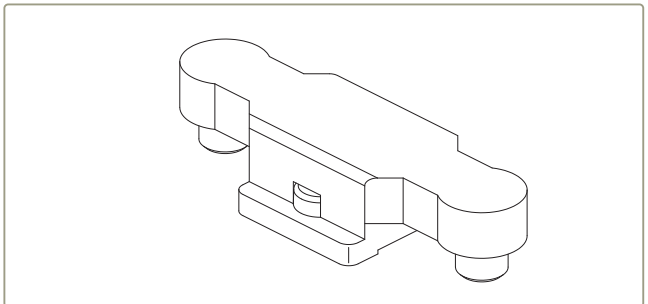
221154 Acessório para prolongar o Passador 1550   
 HASTE FECHO 1550.801



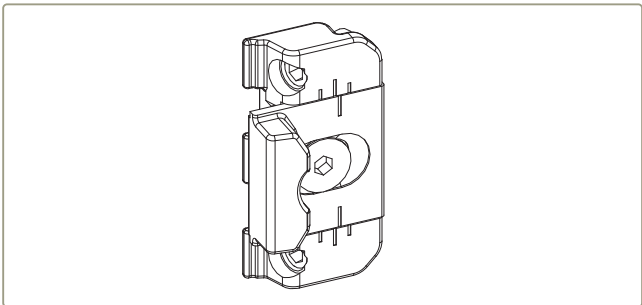
211103 PONTO FECHO PAVIMENTO 1409/8



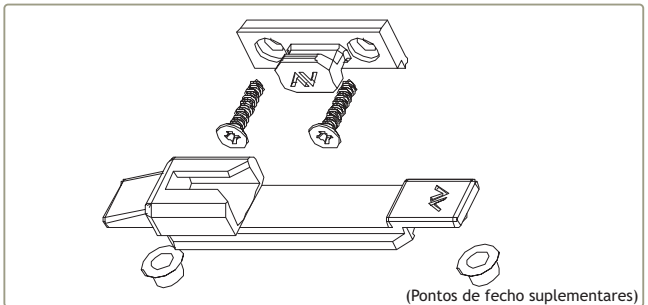
218206 Acessório para prolongar o fecho 1541   
 CLIQUE DE RETENÇÃO 1468



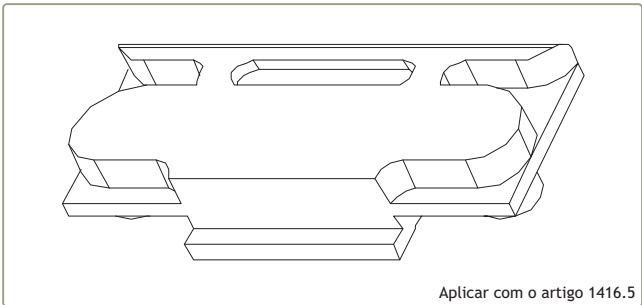
201463 FECHO LATERAL 1243.710



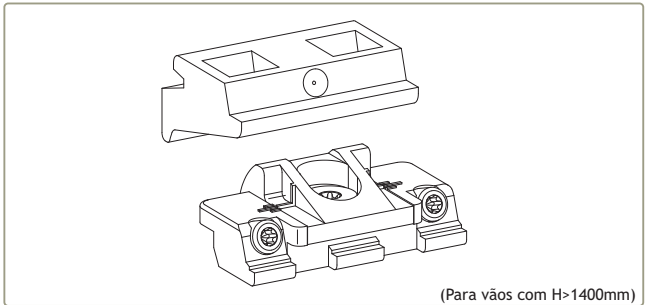
202075 CONTRA-FECHO 1243.721



201363 (Pontos de fecho suplementares)   
 FECHOS ANTI-ARROMBAMENTO 1246.835

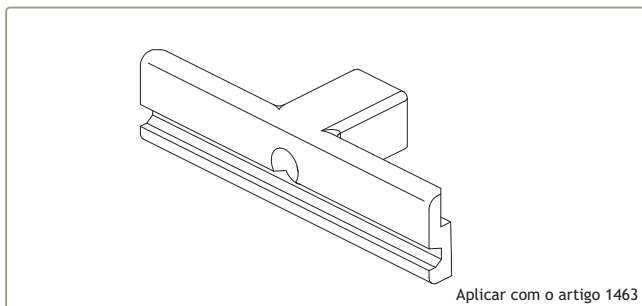


230225 Aplicar com o artigo 1416.5   
 SUPLEMENTO PARA VENTILAÇÃO 1463



201537 (Para vãos com H>1400mm)   
 FECHO SUPLEMENTAR 1246.832

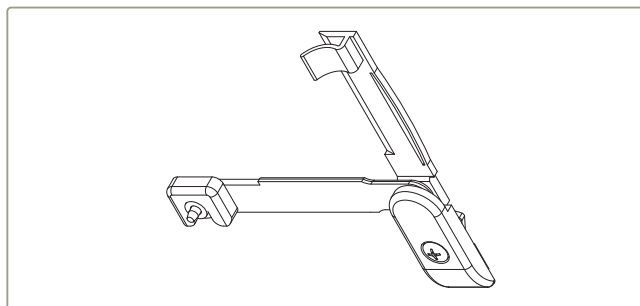




Aplicar com o artigo 1463

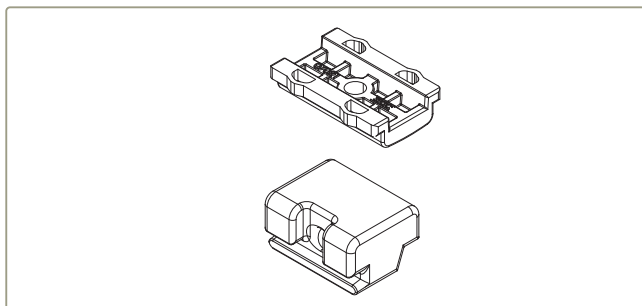
202089

CONTRA-FECHO DUPLO 1416.5



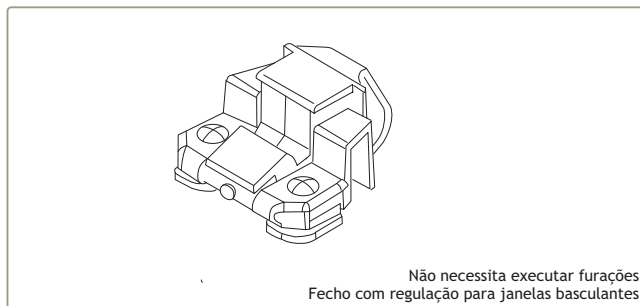
228104

LIMITADOR DE ABERTURA 6060 Pr.



212154

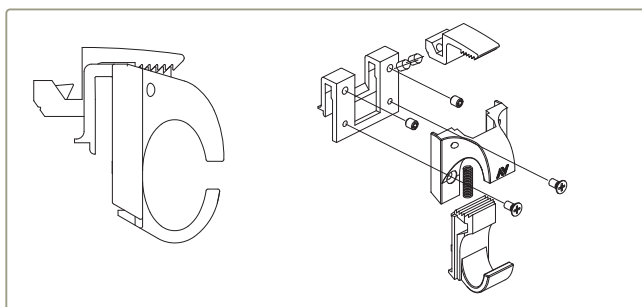
CONJUNTO PARA CALÇO 1410.50 Pr.



Não necessita executar furações  
Fecho com regulação para janelas basculantes

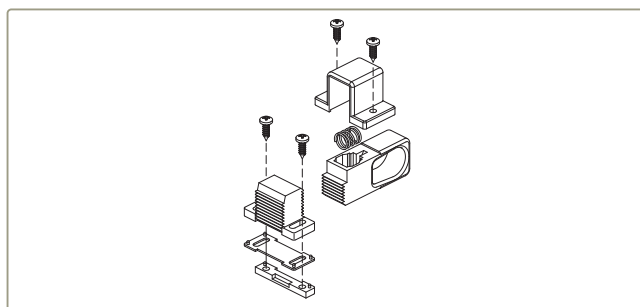
201547

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



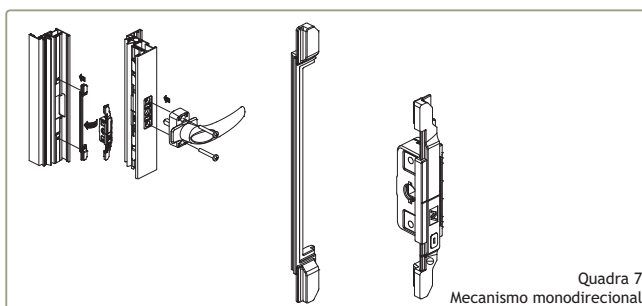
201497

FECHO P/BASCULANTE 1370.1



201495

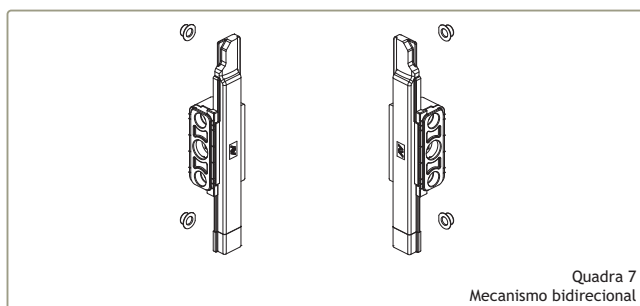
FECHO PARA BASCULANTE 1357



Quadra 7  
Mecanismo monodirecional

228119  
214297

MECANISMO MONO 1212/7  
VARETA 1212.801



Quadra 7  
Mecanismo bidirecional

228120  
228121

MECANISMO DUO 1213/7L ESQ.  
MECANISMO DUO 1213/7R DIR.



Abertura exterior para batente  
Caixa de transmissão monodirecional

228012

MECANISMO MONO 90 EXT 0507177



Abertura exterior para batente ou oscilo-batente  
Caixa de transmissão monodirecional

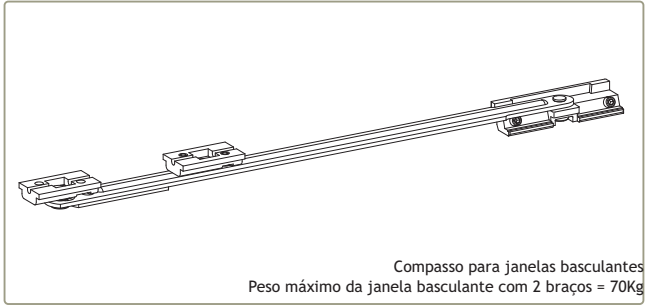
228013

MECANISMO MONO 180 EXT 0507178



Quadra de 7x7x10 + 2 parafusos M5x85 DIN 7985  
Cortar à medida

223102 KIT FIXAÇÃO ABERTURA EXTERIOR



Compasso para janelas basculantes  
Peso máximo da janela basculante com 2 braços = 70Kg

210103 BRAÇO PIOVRATRE 1341 (Altura mín. folha = 280mm)



Peso máx. janela basculante = 15Kg  
Peso máx. janela projectante = 30Kg  
Altura máxima janela basculante = 600mm

212060 CONJUNTO DOBRADIÇA INOX 1953  
(Para janela basculante ou projectante)



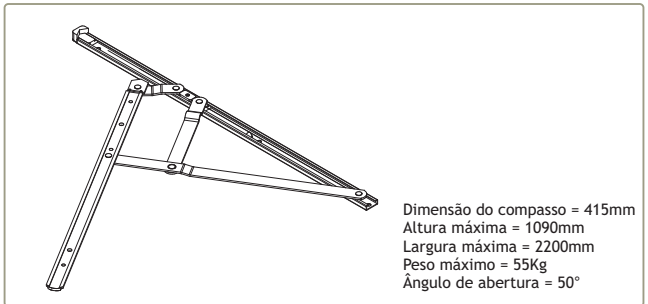
(Para limitar a abertura da folha)

202040 COMPASSO LIMITADOR DE ABERTURA 1343.2



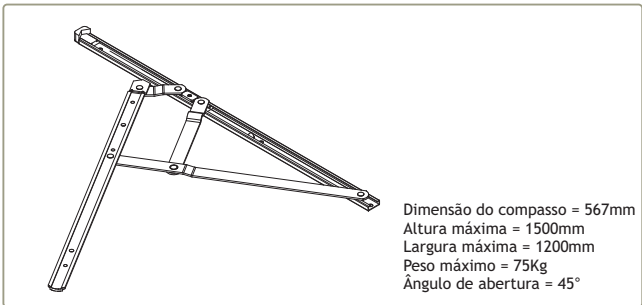
Dimensão do compasso = 152mm  
Altura máxima = 300mm  
Largura máxima = 1200mm  
Peso máximo = 10Kg  
Ângulo de abertura = 50°

212030 CONJUNTO BRAÇO PARA PROJECTANTES S 150



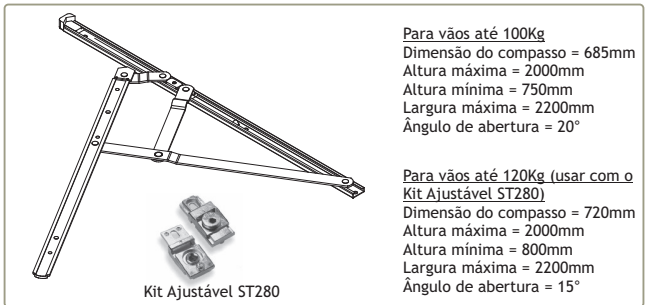
Dimensão do compasso = 415mm  
Altura máxima = 1090mm  
Largura máxima = 2200mm  
Peso máximo = 55Kg  
Ângulo de abertura = 50°

212032 CONJUNTO BRAÇO PROJECTANTE S 400



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

212034 CONJUNTO BRAÇO PROJECTANTE S 550

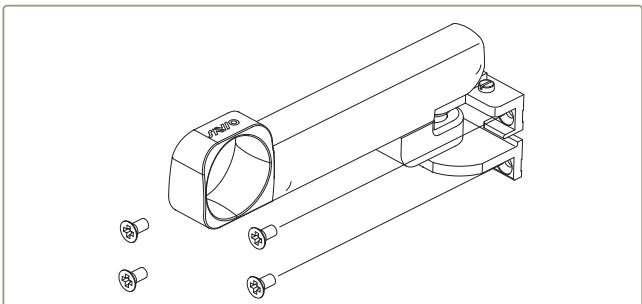


Para vãos até 100Kg  
Dimensão do compasso = 685mm  
Altura máxima = 2000mm  
Altura mínima = 750mm  
Largura máxima = 2200mm  
Ângulo de abertura = 20°

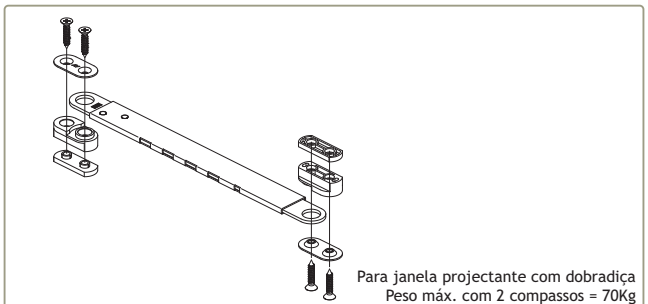
Para vãos até 120Kg (usar com o Kit Ajustável ST280)  
Dimensão do compasso = 720mm  
Altura máxima = 2000mm  
Altura mínima = 800mm  
Largura máxima = 2200mm  
Ângulo de abertura = 15°

Kit Ajustável ST280

212021 CONJUNTO BRAÇO PROJECTANTE ST 26  
223007 KIT AJUSTÁVEL ST280

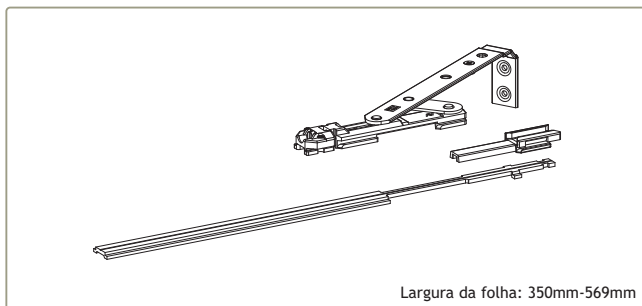


202605 COMANDO 1206.1/2 LAC. 900  
214253 COMANDO 1206.1/1 LAC. 905



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

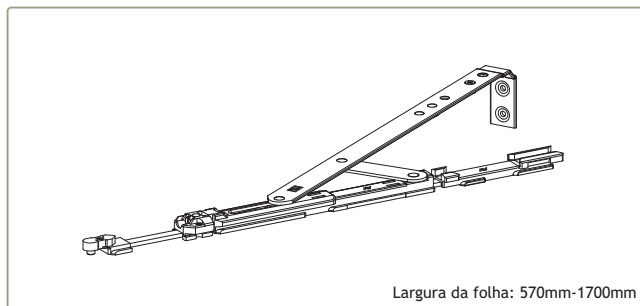
202065 COMPASSO SAVIO 1307.1



Largura da folha: 350mm-569mm

202060

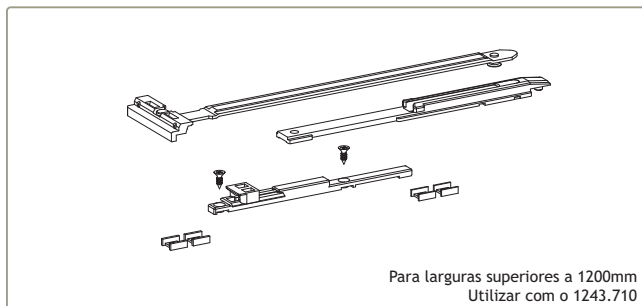
COMPASSO CURTO 3150.752 RB3



Largura da folha: 570mm-1700mm

202058

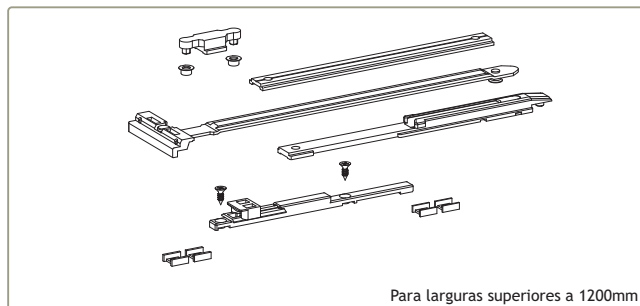
COMPASSO STANDARD 3150.750 RB3



Para larguras superiores a 1200mm  
Utilizar com o 1243.710

202068

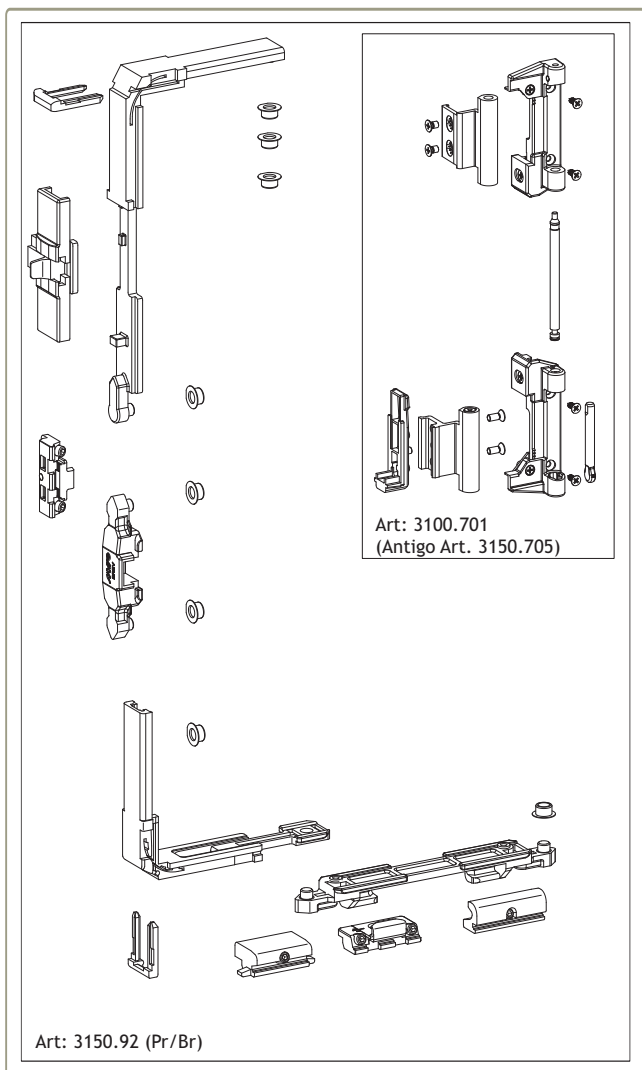
COMPASSO SUPLEMENTAR 3100.800



Para larguras superiores a 1200mm

202015

COMPASSO SUPLEMENTAR 3150.800 RB3

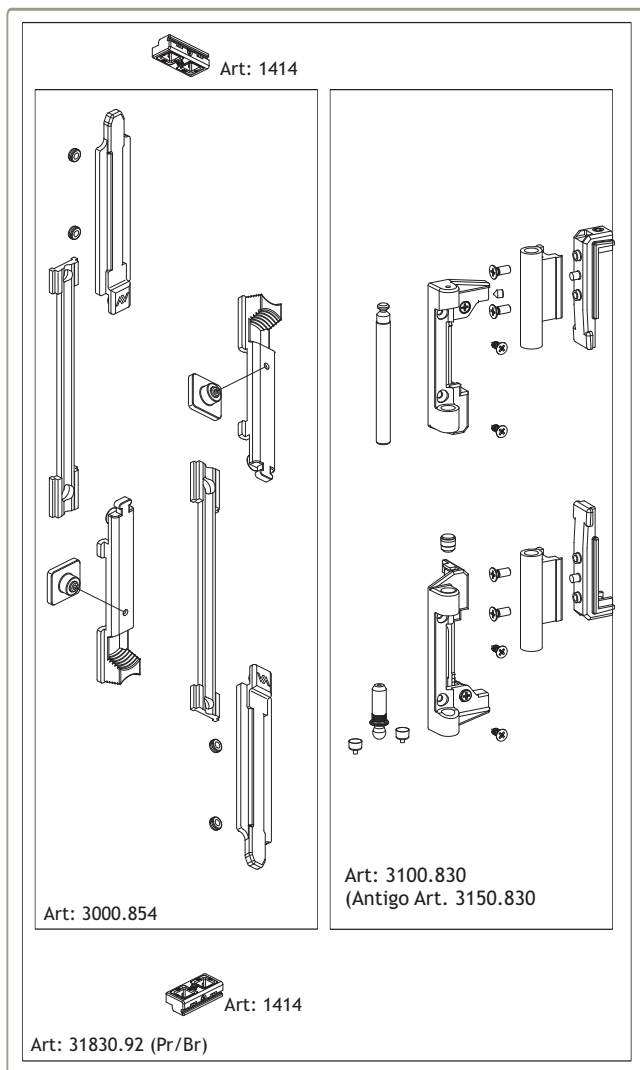


Art: 3100.701  
(Antigo Art. 3150.705)

Art: 3150.92 (Pr/Br)

223035  
222115

KIT OSCILO-BATENTE 3150  
JOGO DOBRADIÇA 3100.701



Art: 1414

Art: 3000.854

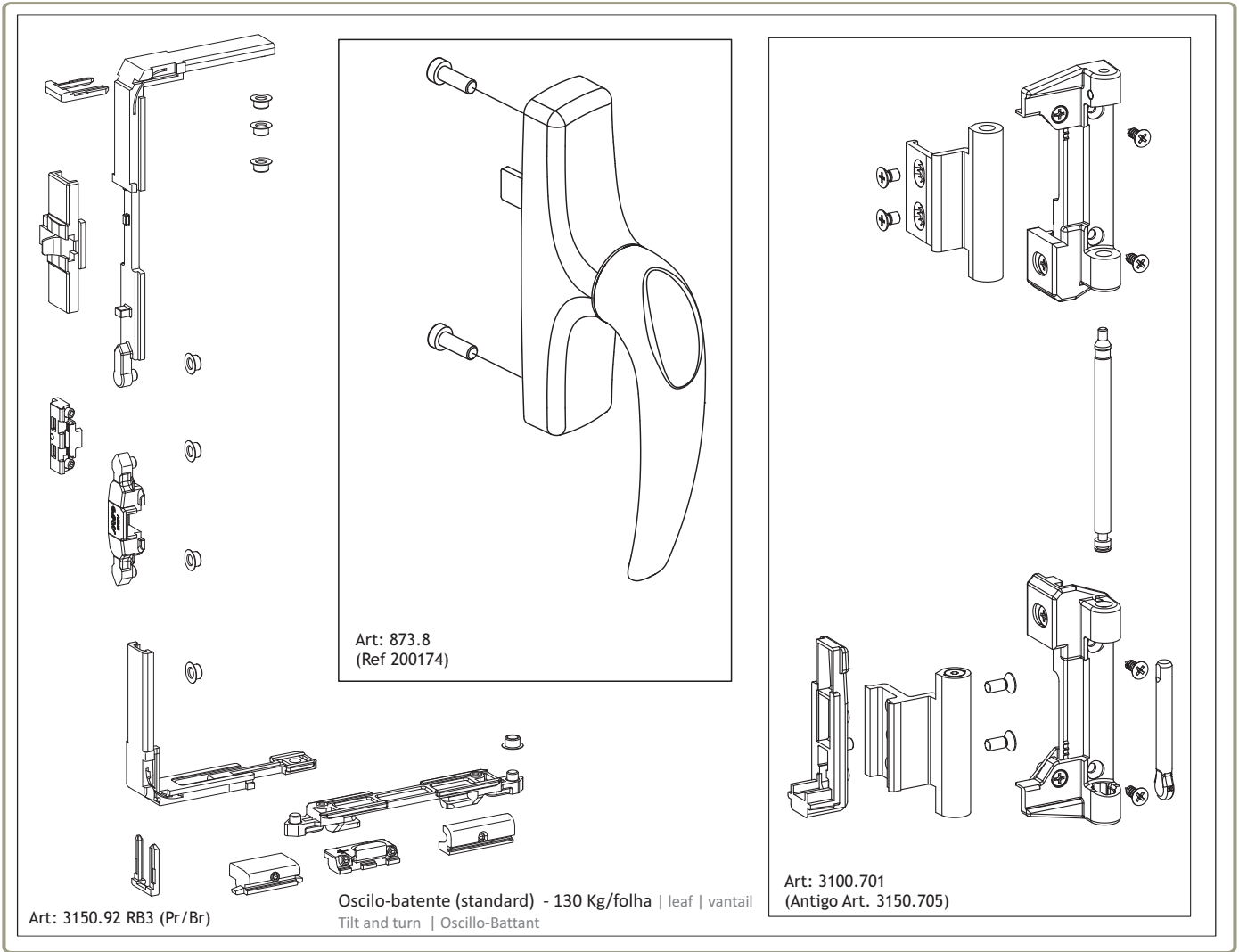
Art: 3100.830  
(Antigo Art. 3150.830)

Art: 1414

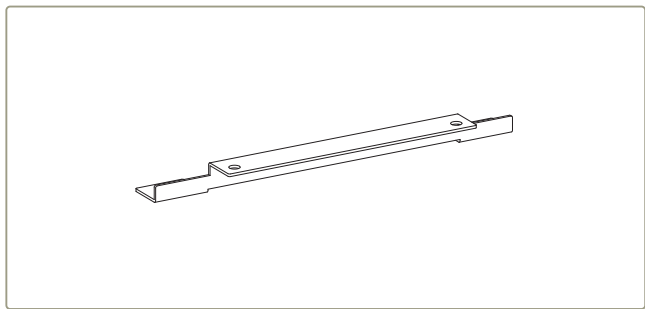
Art: 31830.92 (Pr/Br)

223030  
222120

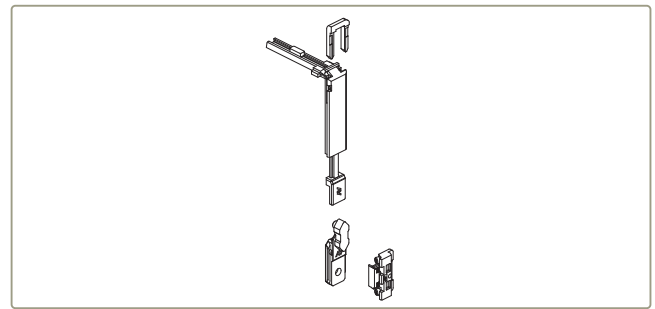
KIT 2ª FOLHA F31830.92 RB3 (Br./Pr.)  
JOGO DOBRADIÇA 3100.830



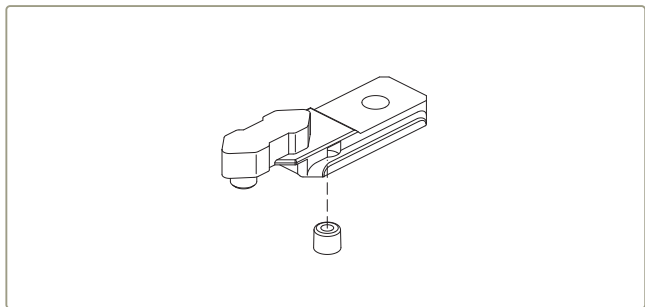
223029 KIT OSCILO-BATENTE 1 FOLHA S/COMPASSO F3150.92 RB3 (Br./Pr.)



211211 GABARITO MONTAGEM 3100.950



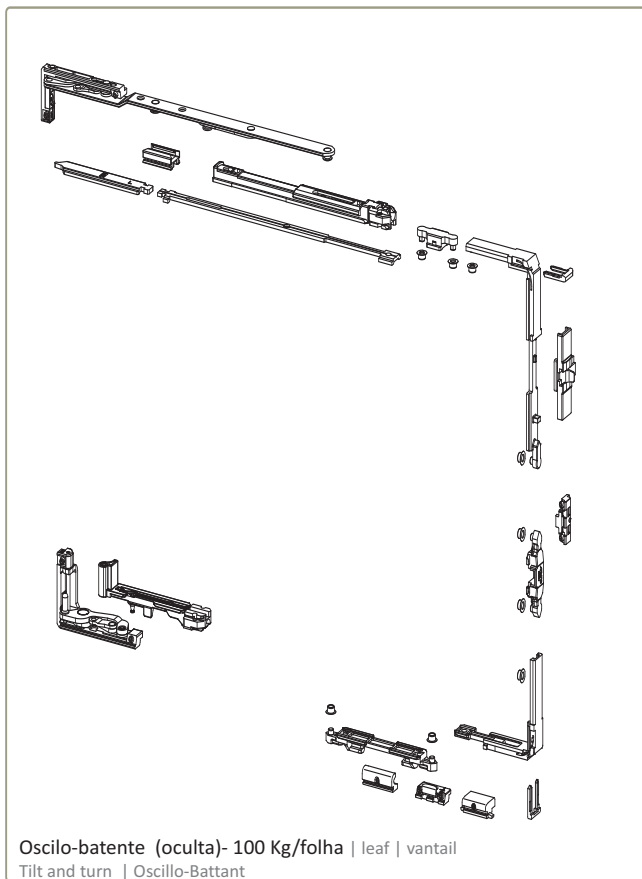
223750 KIT PARA 6 PONTOS DE FECHO 3000.820



211524 PONTO DE FECHO 3100.821

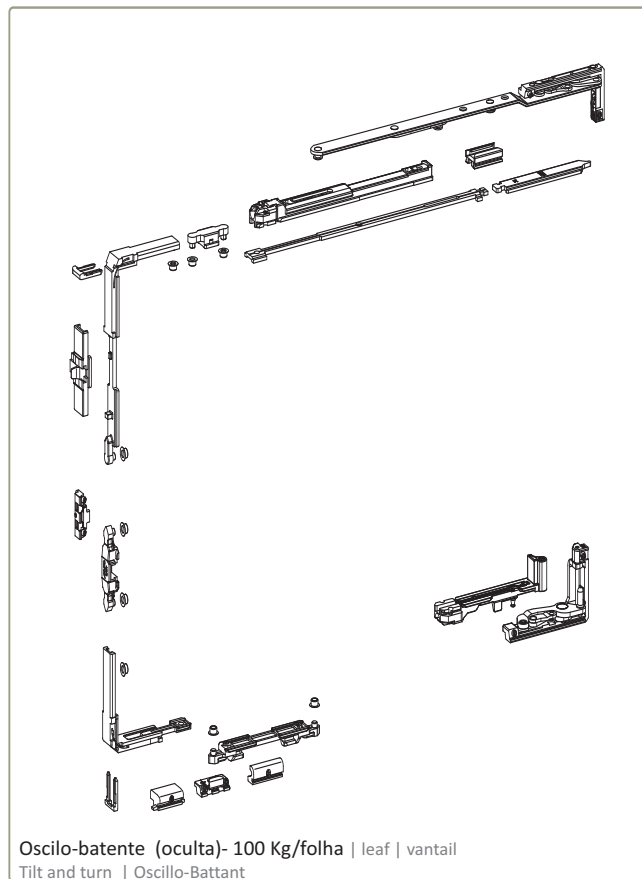


223751 KIT PARA 6 PONTOS DE FECHO 3010.820



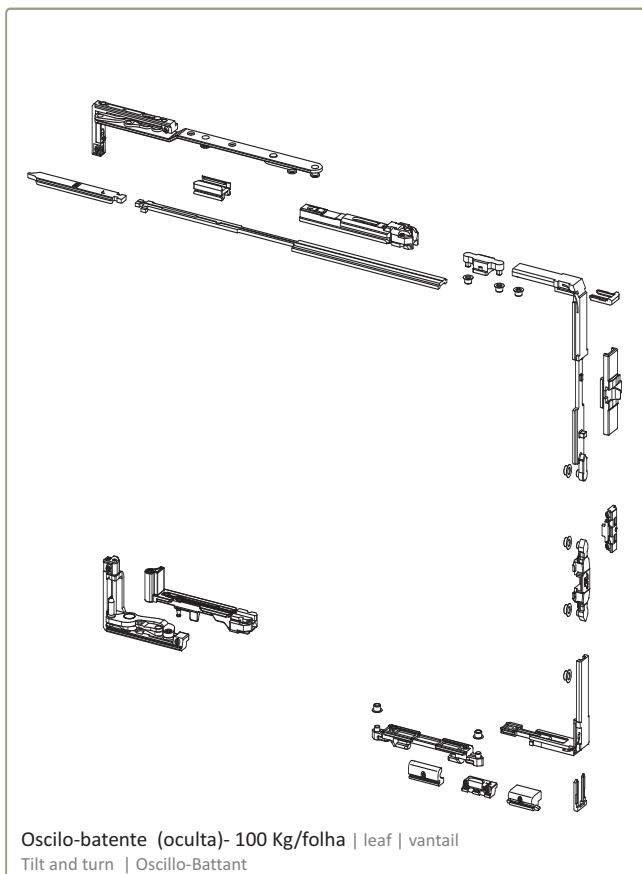
212587

CONJUNTO OSCILI STAND 3010.1 ESQ.



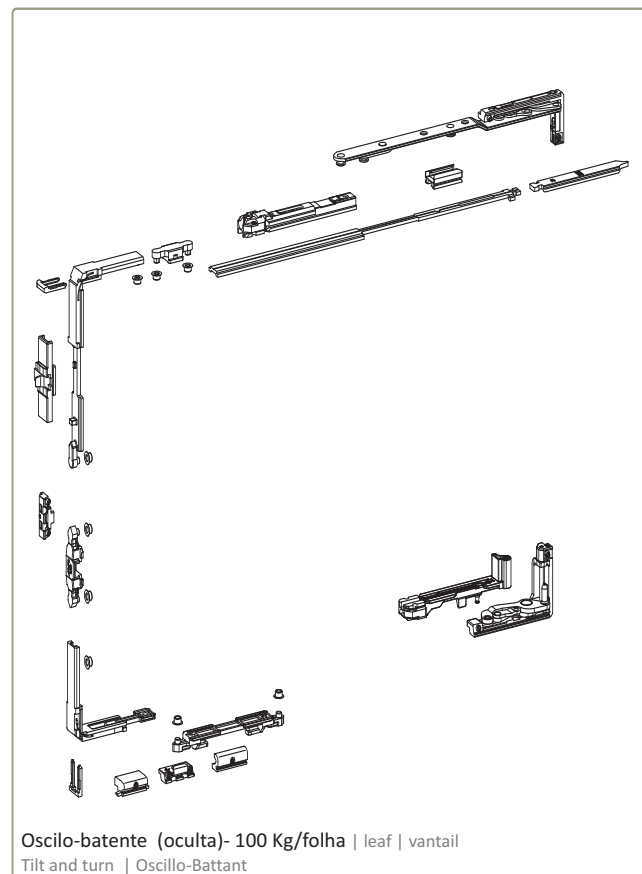
212586

CONJUNTO OSCILO STAND 3010 DIR.



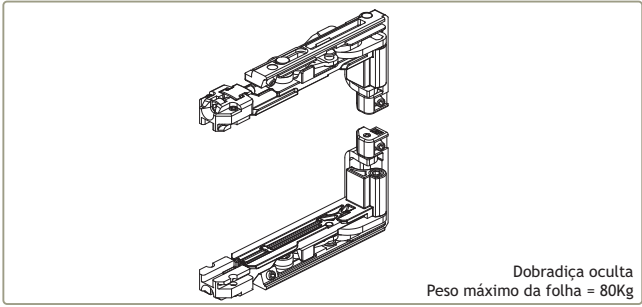
212585

CONJUNTO OSCILO CURTO 3010.4 ESQ.



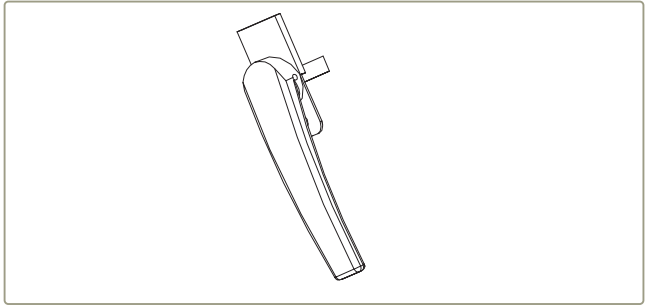
212584

CONJUNTO OSCILO CURTO 3010.3 DIR.

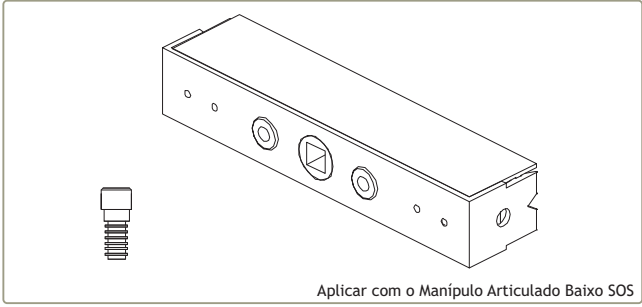


Dobradiça oculta  
Peso máximo da folha = 80Kg

222121 JOGO DOBRADIÇA 3020 (Zamak Preto)

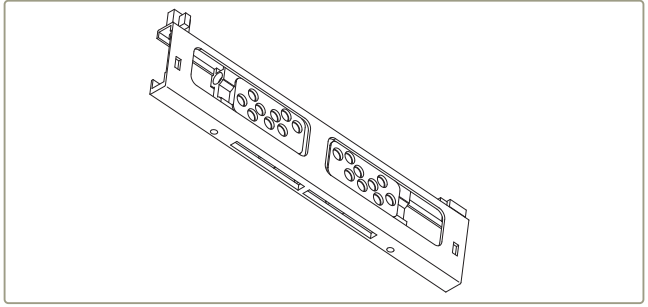


416006 MANÍPULO ARTICULADO BAIXO SOS



Aplicar com o Manipulo Articulado Baixo SOS

228210 MECANISMO INTERIOR SOS



223670 KIT MOV. INT. 1475.6



(L = 12.8mm)

290101 PARAFUSO PB 12.8 mm



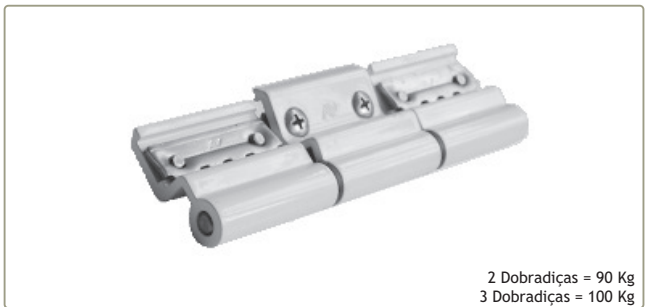
2 Dobradiças = 80 Kg  
3 Dobradiças = 90 Kg

202208 DOBRADIÇA MORSAS 1121.1



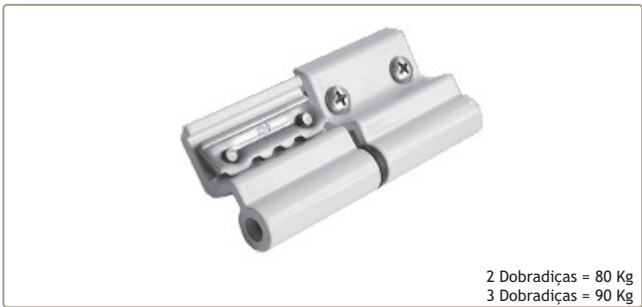
2 Dobradiças = 90 Kg  
3 Dobradiças = 100 Kg

202104 DOBRADIÇA MORSAS 1122



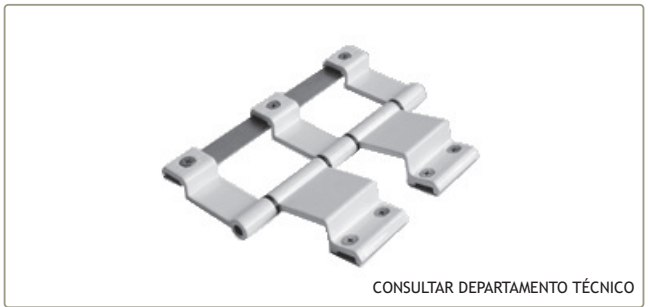
2 Dobradiças = 90 Kg  
3 Dobradiças = 100 Kg

202112 DOBRADIÇA MORSAS PARA A 3ª FOLHA 1122.92



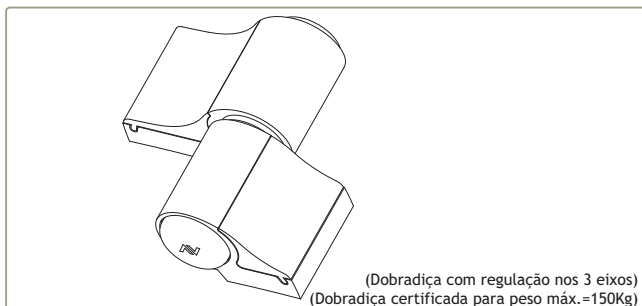
2 Dobradiças = 80 Kg  
3 Dobradiças = 90 Kg

202209 DOBRADIÇA MORSAS 1123

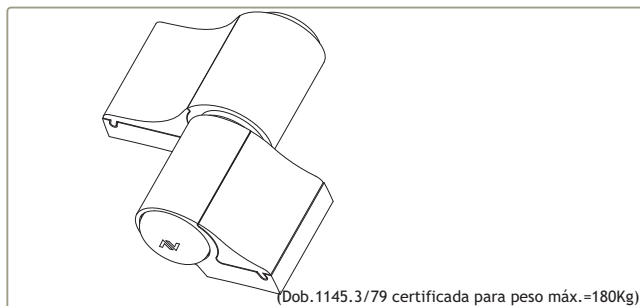


CONSULTAR DEPARTAMENTO TÉCNICO

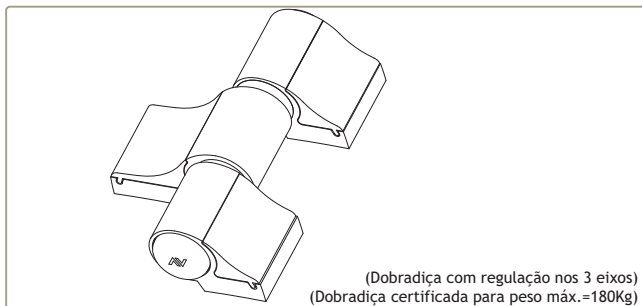
202141 DOBRADIÇA AVANÇO PB 2000



202010 DOBRADIÇA MECHANICA 2 ABAS 1145/60



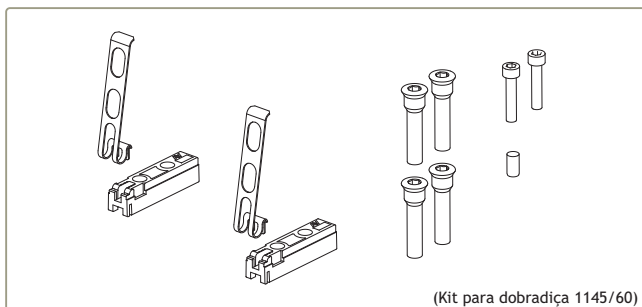
202012 DOBRADIÇA MECHANICA 2 ABAS 1145/79



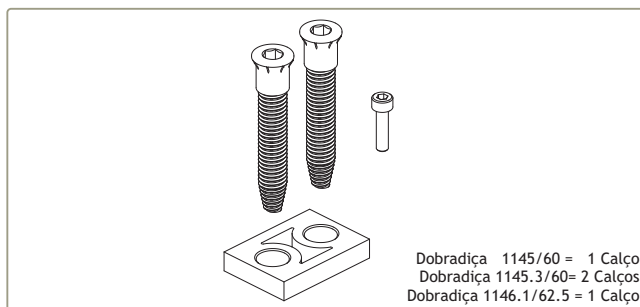
202610 DOBRADIÇA MECHANICA 3 ABAS 1145.3/60  
000000 DOBRADIÇA MECHANICA 3 ABAS 1145.3/79



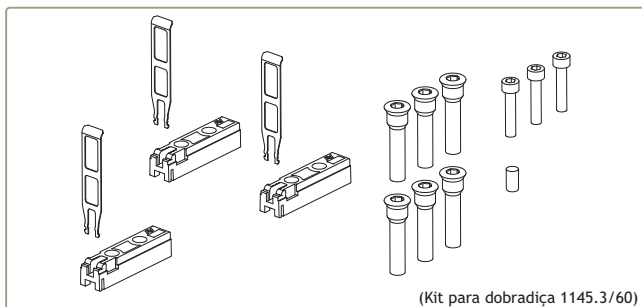
223060 KIT DE FIXAÇÃO PARA MECHANICA 1145.755X



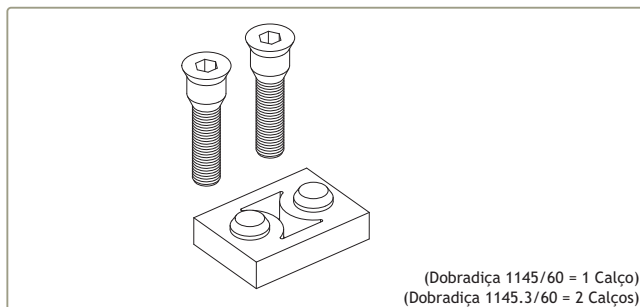
223100 KIT DE FIXAÇÃO PARA MECHANICA 1145.705



218182 CALÇO PARA DOBRADIÇA MECHANICA 1145.753/7



223020 KIT DE FIXAÇÃO PARA MECHANICA 1145.715



218170 CALÇO PARA DOBRADIÇA MECHANICA 1145.703/7



210011 SEPARADOR 1145.802



210010 SEPARADOR 1125.802



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



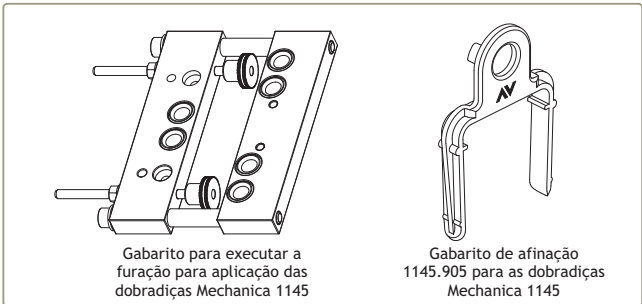
Gabarito para dobradiças Mechanica 1146.1/62.5 e 1146.13/62.5

GABARITO MONTAGEM 1145.901



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

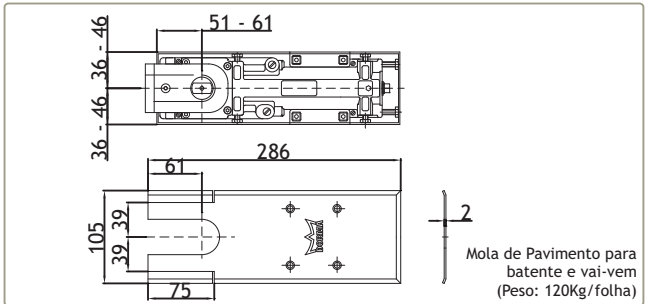
202511 DOBRADIÇA P/ MOLA 1147



Gabarito para executar a furação para aplicação das dobradiças Mechanica 1145

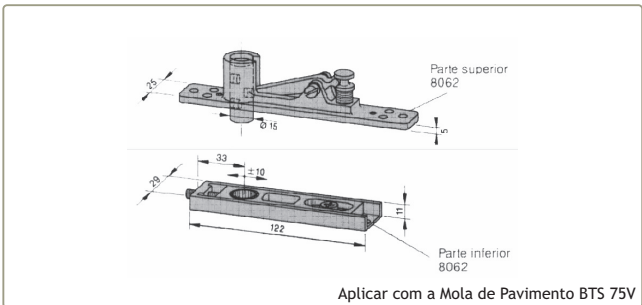
Gabarito de afinação 1145.905 para as dobradiças Mechanica 1145

211101 GABARITO PARA FURAÇÃO 1145.908



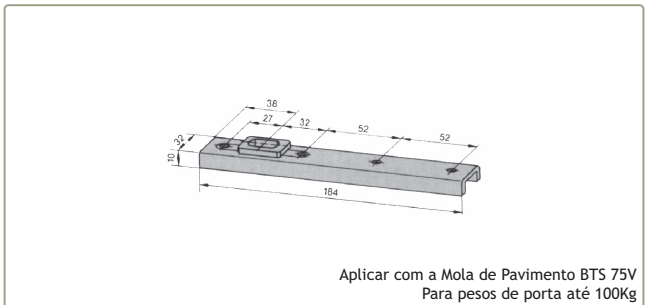
Mola de Pavimento para batente e vai-vem (Peso: 120Kg/folha)

228071 MOLA DE PAVIMENTO BTS 75V



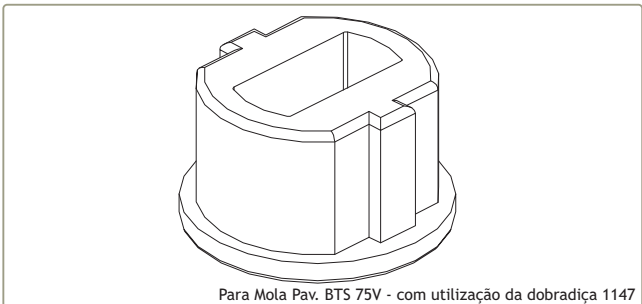
Aplicar com a Mola de Pavimento BTS 75V

227111 PIVOT SUPERIOR VAI-DEM 8062



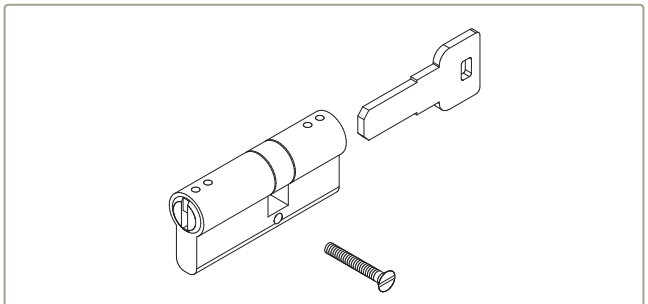
Aplicar com a Mola de Pavimento BTS 75V Para pesos de porta até 100Kg

210104 BRAÇO INFERIOR VAI-DEM 8021



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

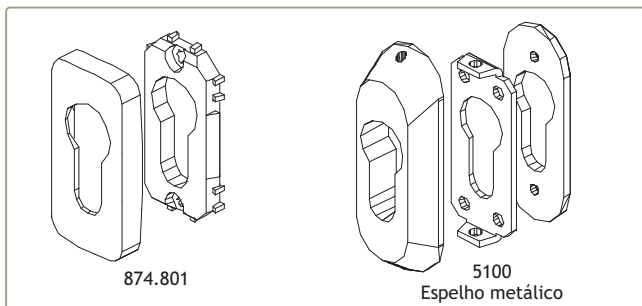
207327 SEPARADOR R. TER/1129.802 OXID



SEGREDO 70/30 NIQUELADO  
SEGREDO SEGURANÇA 70/32 NIQUELADO

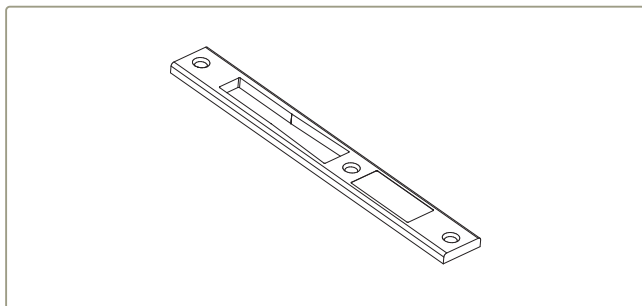
230502  
230503





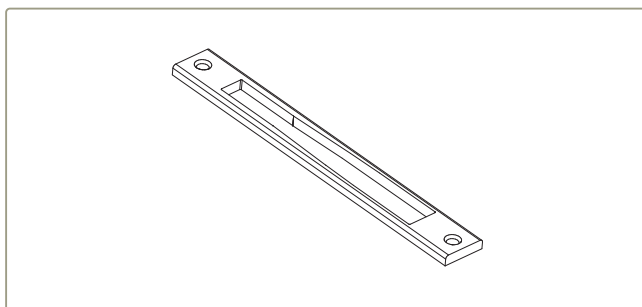
220190  
220008

ESPELHO 874.801 (Br./Pr.)  
ESPELHO PARA SEGURANÇA 5100 (Pr.)



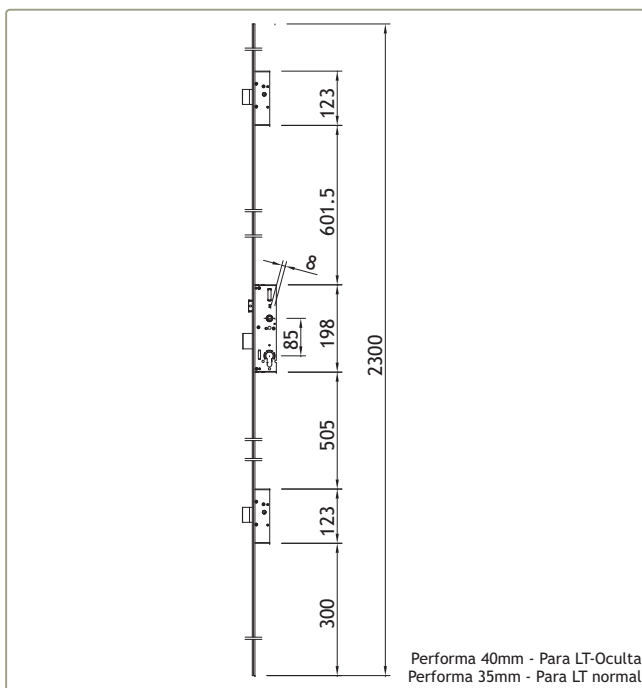
280220

TESTA FECHADURA PRUMO 2000



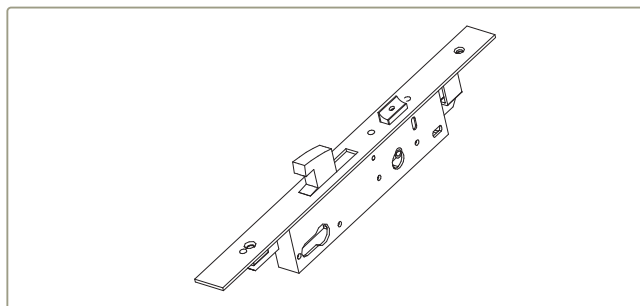
280230

TESTA FECHADURA STAND 2001



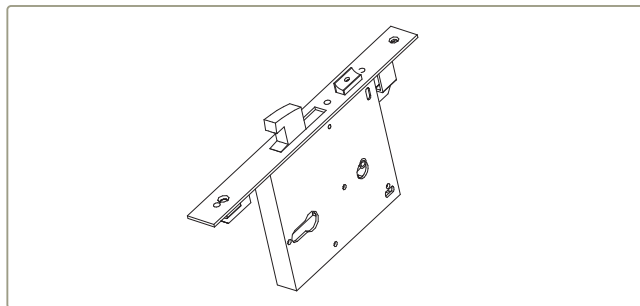
201616  
201615

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



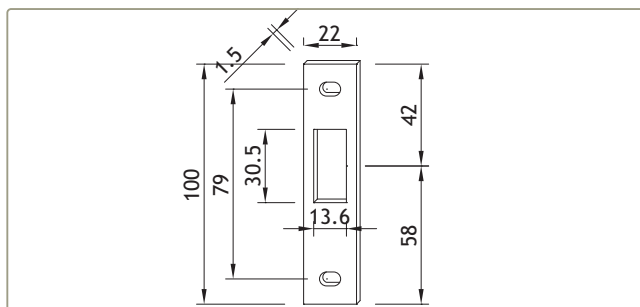
201073  
201050

FECHADURA 7716x30  
FECHADURA 7716x35



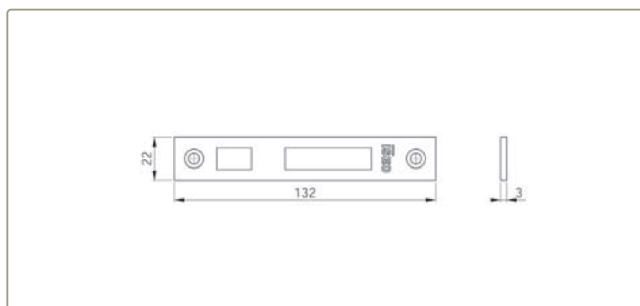
201013

FECHADURA DE ALMOFADA 5791x90



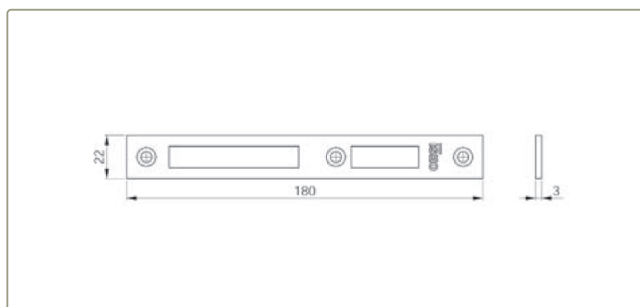
280200

TESTA FECHADURA 5791x90



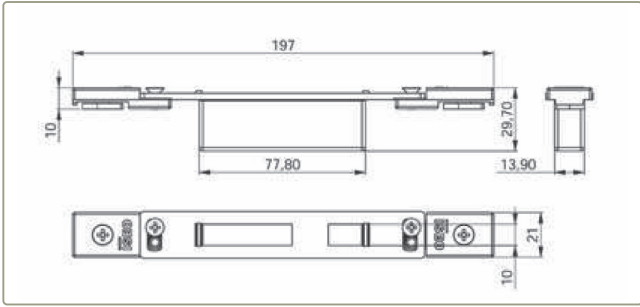
280010

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

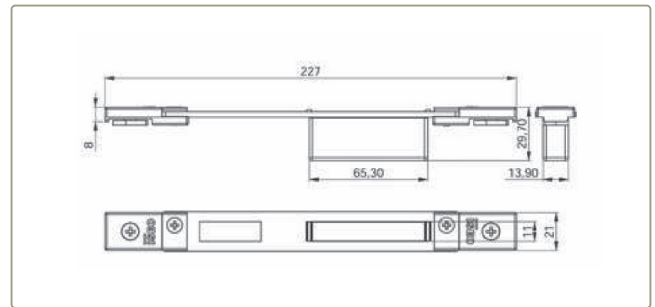


280009

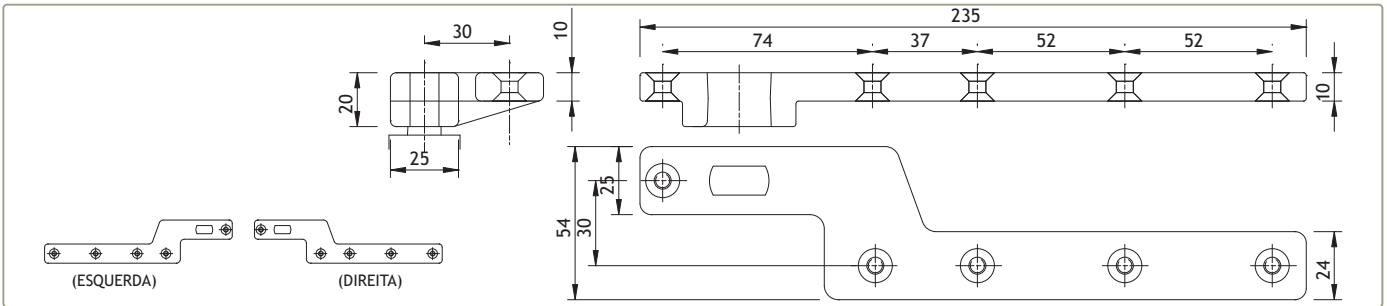
TESTA CENTRAL 3x22 P/ FECHADURAS (Inox)



280011 TESTA SUP/INF 22x197 P/ FECHADURA PERFORMA (Pr.)

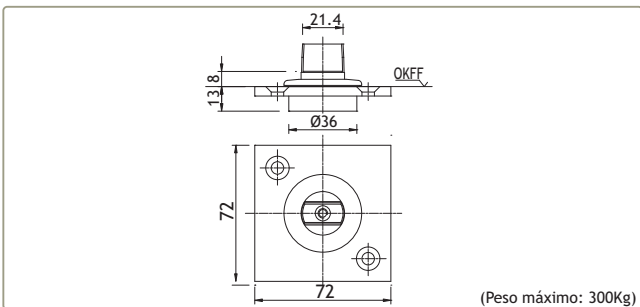


280012 TESTA CENTRAL 22x227 P/ FECHADURA PERFORMA (Pr.)

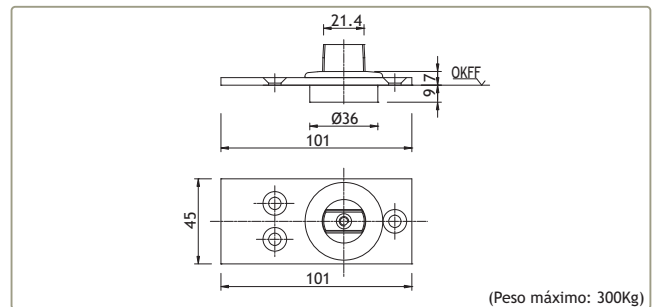


210119  
210120

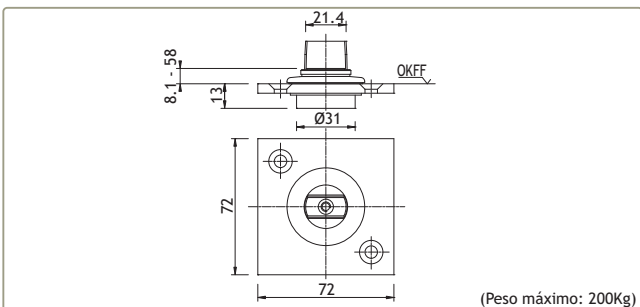
BRAÇO PARA PIVOT DE CHÃO SOS D 30mm DIREITO  
BRAÇO PARA PIVOT DE CHÃO SOS D 30mm ESQUERDO



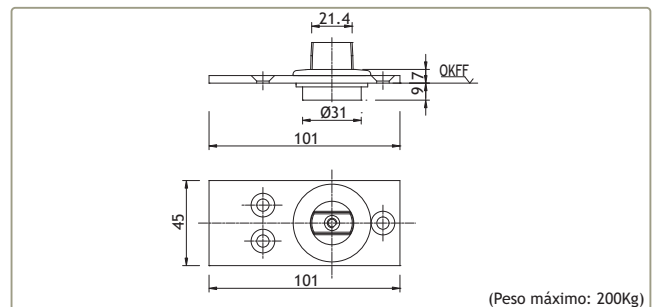
227114 PIVOT DE CHÃO 7471 AX (Peso máximo: 300Kg)



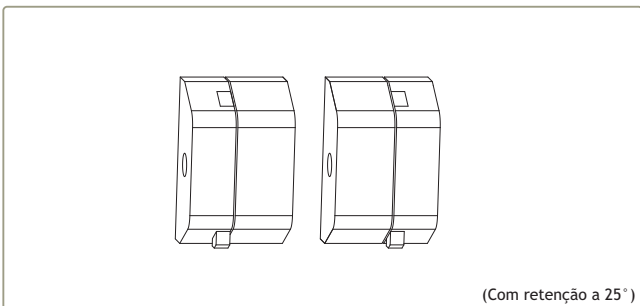
227115 PIVOT DE CHÃO 7475 AX (Peso máximo: 300Kg)



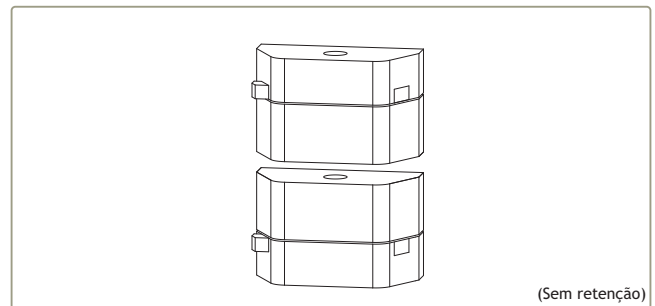
227116 PIVOT DE CHÃO 7471 K (Peso máximo: 200Kg)



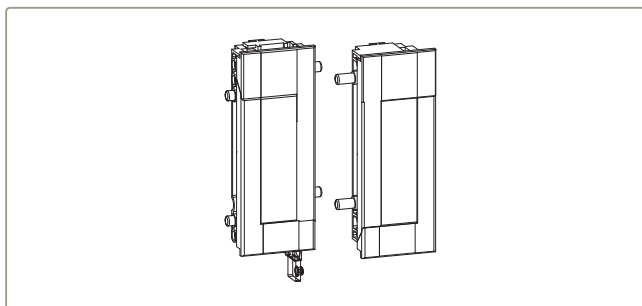
227117 PIVOT DE CHÃO 8560 G (Peso máximo: 200Kg)



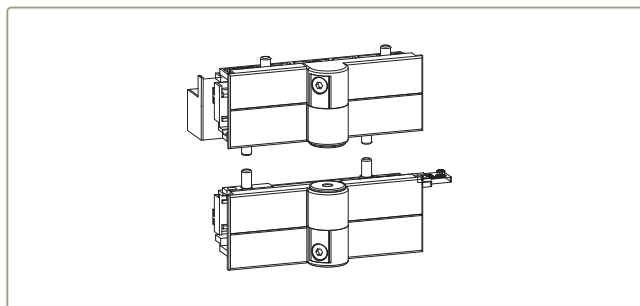
212317 CONJUNTO PIVOT 515/60 HORIZONTAL 130Kg (Com retenção a 25°)



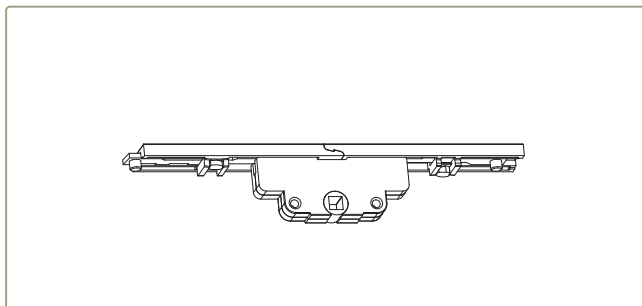
212318 CONJUNTO PIVOT 515P VERTICAL 130Kg (Sem retenção)



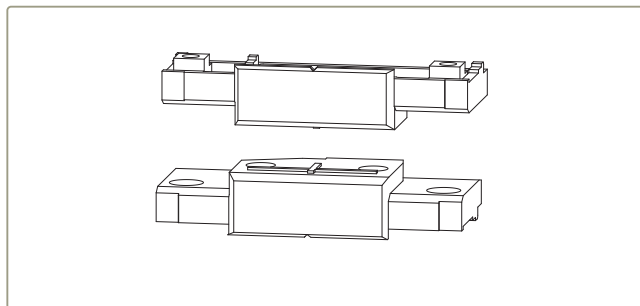
212319 CONJUNTO PIVOT UNITAS 18/3 HORIZONTAL 175Kg



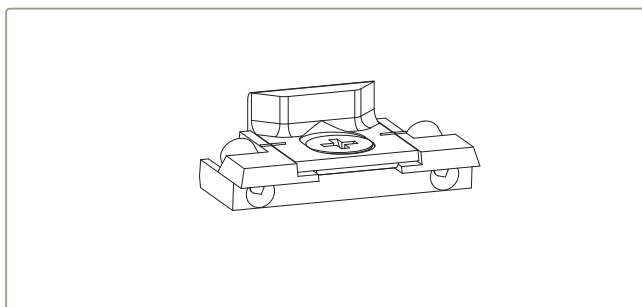
212323 CONJUNTO PIVOT UNITAS 88 VERTICAL 175Kg



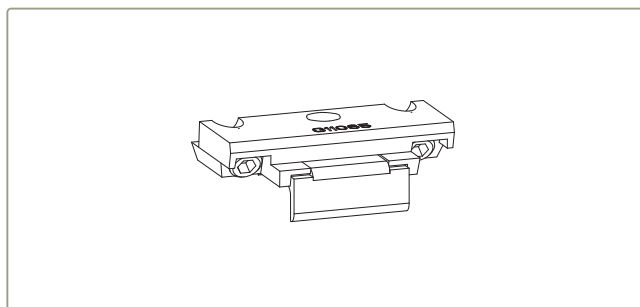
228211 MECANISMO CREMONA 90°



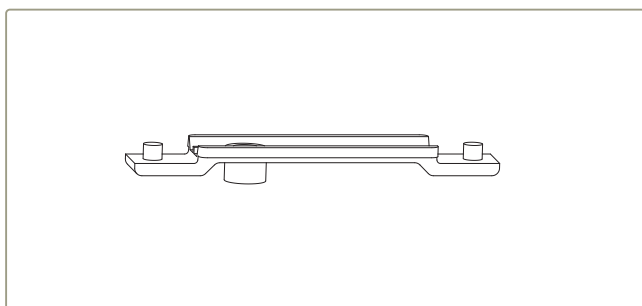
218153 CALÇO APOIO PARA PIVOT 515



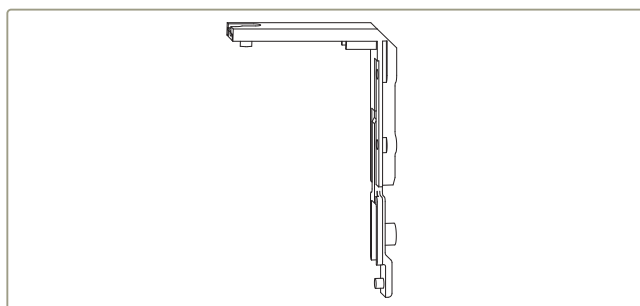
202081 CONTRA-FECHO REGULÁVEL 15/20



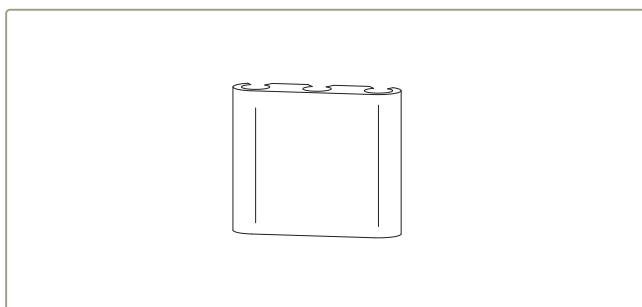
202082 CONTRA-FECHO REGULÁVEL 14/18



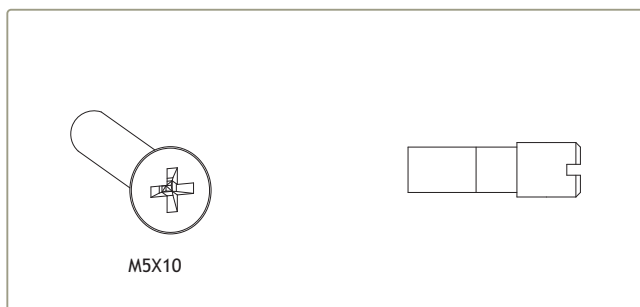
211500 PONTO DE FECHO 85mm



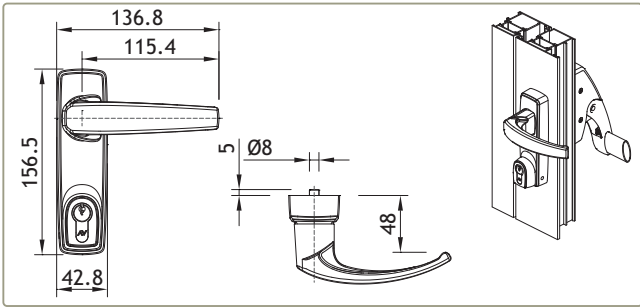
213291 ÂNGULO DE REENVIO



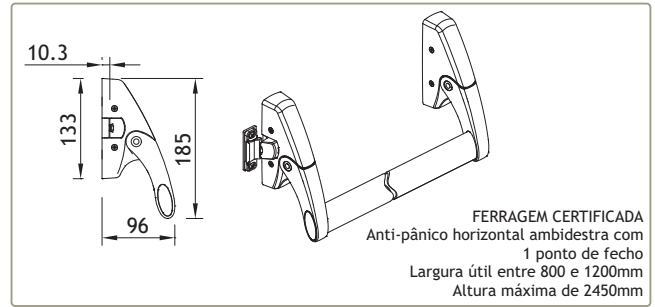
215071 PEÇA DE LIGAÇÃO PARA SA 33



290107 PARAFUSO M5x10  
207011 PERNO PARA BARRA SA 33

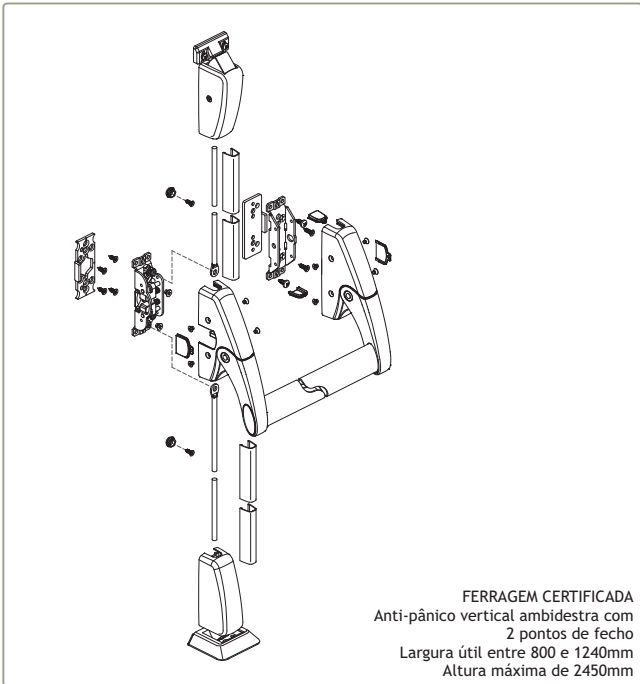


200230 CREMONE COM FECHADURA 6010.875



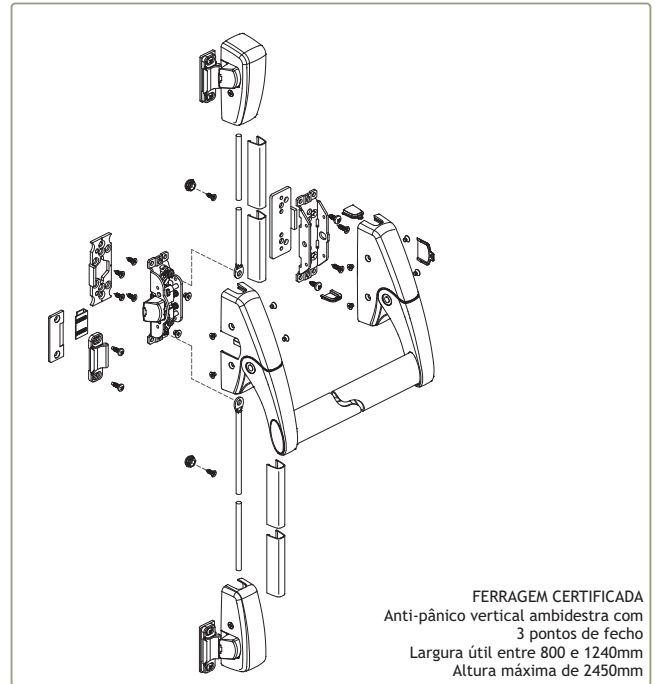
200993 ANTI-PÂNICO HORIZONTAL 6010.1/1200

FERRAGEM CERTIFICADA  
Anti-pânico horizontal ambidestra com  
1 ponto de fecho  
Largura útil entre 800 e 1200mm  
Altura máxima de 2450mm



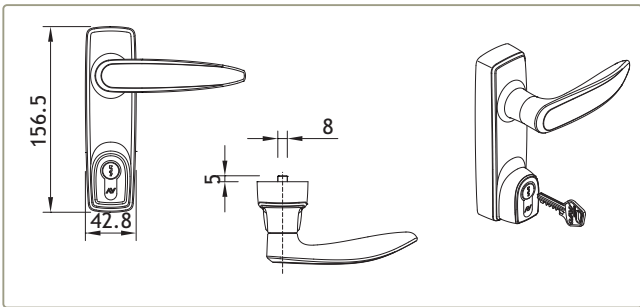
200991 ANTI-PÂNICO HORIZONTAL 6010.2/1200

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

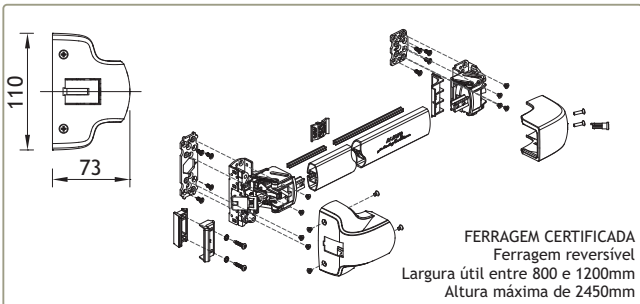


200992 ANTI-PÂNICO HORIZONTAL 6010.3/1200

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

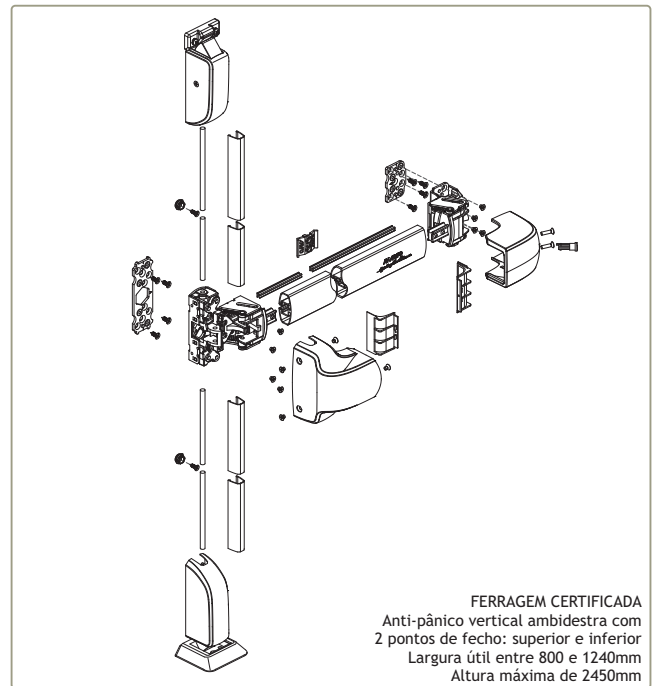


200914 CREMONE COM FECHADURA 6000.875 Pr.



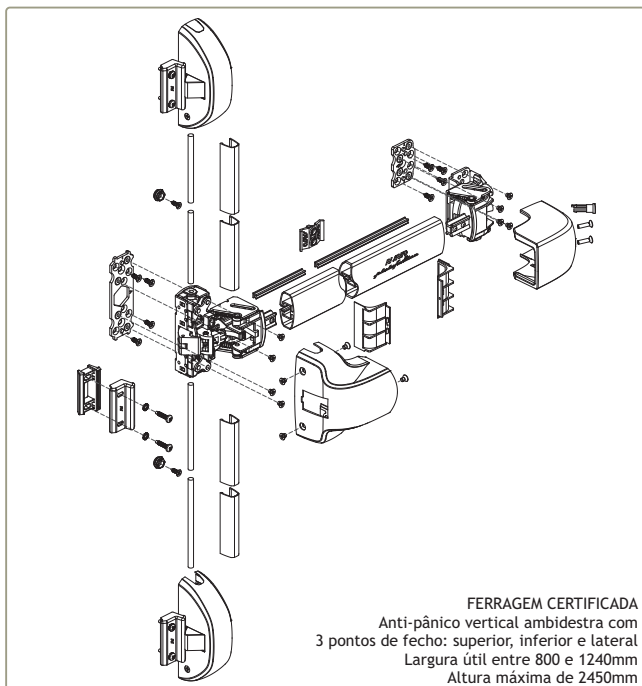
200970 ANTI-PÂNICO HORIZONTAL 6100.1/1085

FERRAGEM CERTIFICADA  
Ferragem reversível  
Largura útil entre 800 e 1200mm  
Altura máxima de 2450mm



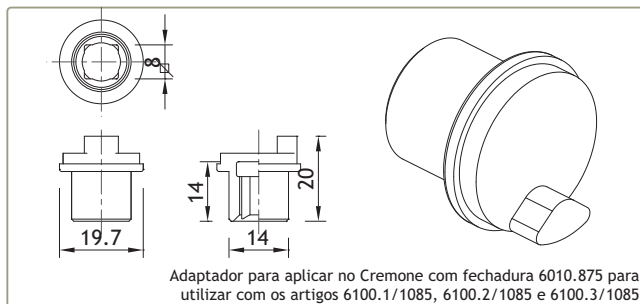
200995 ANTI-PÂNICO HORIZONTAL 6100.2/1085

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



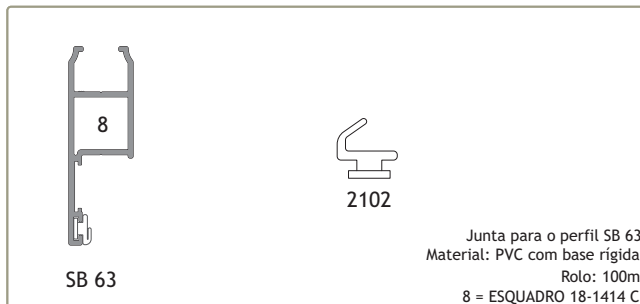
**FERRAGEM CERTIFICADA**  
Anti-pânico vertical ambidestra com  
3 pontos de fecho: superior, inferior e lateral  
Largura útil entre 800 e 1240mm  
Altura máxima de 2450mm

200992 ANTI-PÂNICO HORIZONTAL 6010.3/1200



Adaptador para aplicar no Cremone com fechadura 6010.875 para utilizar com os artigos 6100.1/1085, 6100.2/1085 e 6100.3/1085

213143 ADAPTADOR PARA CREMONE COM FECHADURA 6000.401

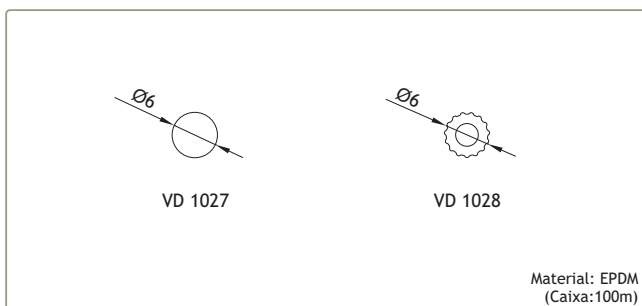


SB 63

2102

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

208264 JUNTA ESTANQUICIDADE 2102

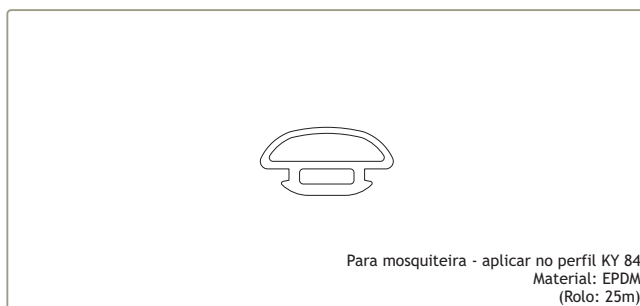


VD 1027

VD 1028

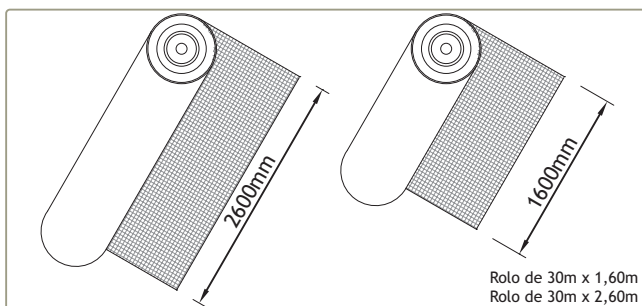
Material: EPDM  
(Caixa:100m)

208310 VEDANTE PARA MOSQUITEIRA 1027 Pr.  
208311 EDANTE PARA MOSQUITEIRA 1028 Pr



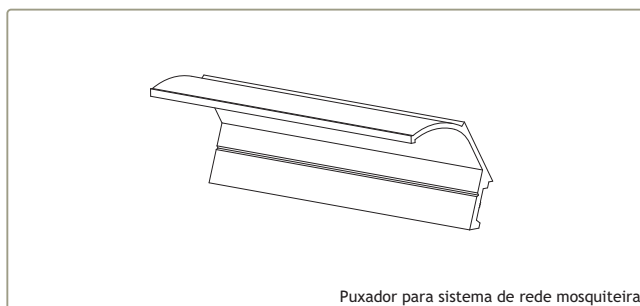
Para mosquiteira - aplicar no perfil KY 84  
Material: EPDM  
(Rolo: 25m)

208261 JUNTA ESTANQUICIDADE 2027



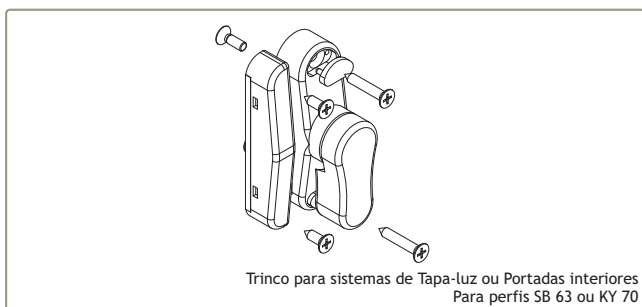
Rolo de 30m x 1,60m  
Rolo de 30m x 2,60m

229105 REDE MOSQUITEIRA EM FIBRA 1600mm Cinza  
229106 REDE MOSQUITEIRA EM FIBRA 2600mm Cinza



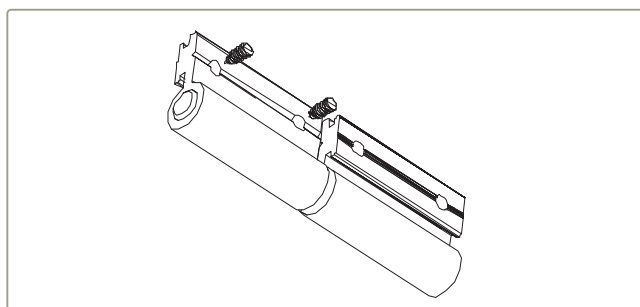
Puxador para sistema de rede mosquiteira

200910 PUXADOR SIMPLES SOS

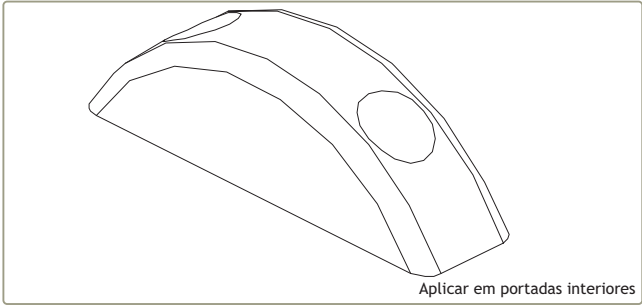


Trinco para sistemas de Tapa-luz ou Portadas interiores  
Para perfis SB 63 ou KY 70

231214 TRINCO REVERSÍVEL 9566 (Br. / Pr.)

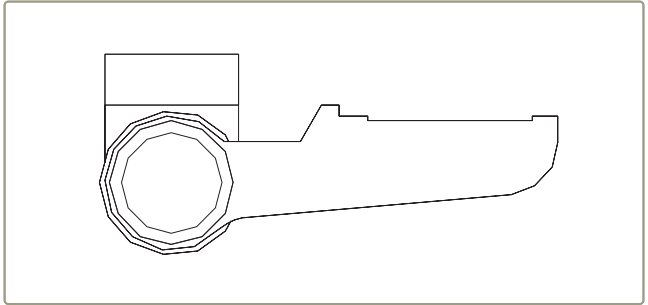


202230 DOBRADIÇA P/PORTADAS INTERIORES / REDE MOSQUITEIRA

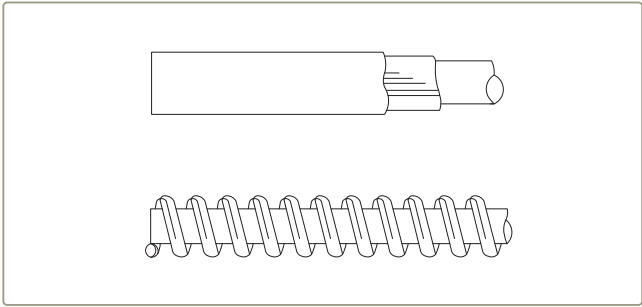


Aplicar em portadas interiores

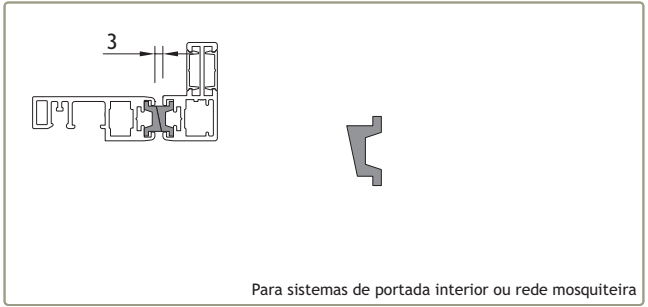
214146 BATENTE PARA PERSIANA 877.804



202229 DOBRADIÇA PARA SISTEMA TAPA-LUZ

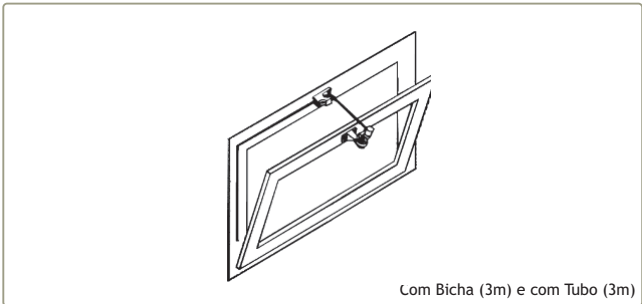


217118 BICHA F604 (POR METRO)  
231002 TUBO F111 ( 3 METROS)



Para sistemas de portada interior ou rede mosquiteira

215155 PERFIL MAGNÉTICO 2036



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

223906 KIT COMPLETO QL. 1 (3m)

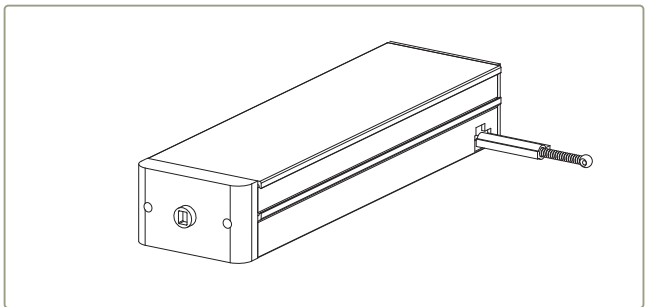


Sem Bicha e sem Tubo

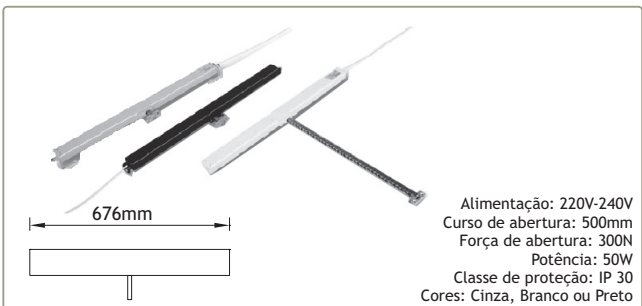
223760 KIT PARA BASCULANTE SIMPLES



213124 ACIONADOR MECÂNICO CINZA



213124 ACIONADOR MECÂNICO CINZA



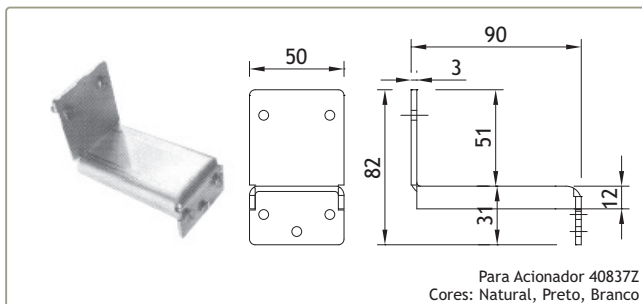
212640 ACIONADOR 40837Z

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



212036 ACIONADOR ELÉCTRICO DUPLO 240Vac 40989D(Nat.)

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



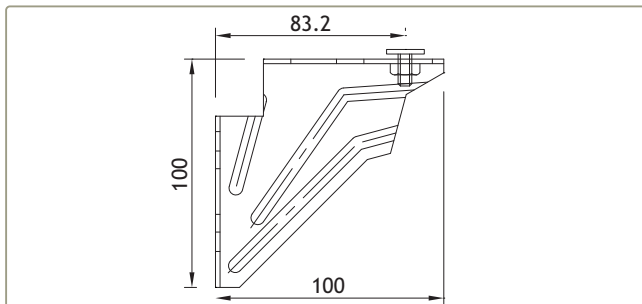
230018 SUPORTE PARA MOTOR 40858U

Para Acionador 40837Z  
Cores: Natural, Preto, Branco

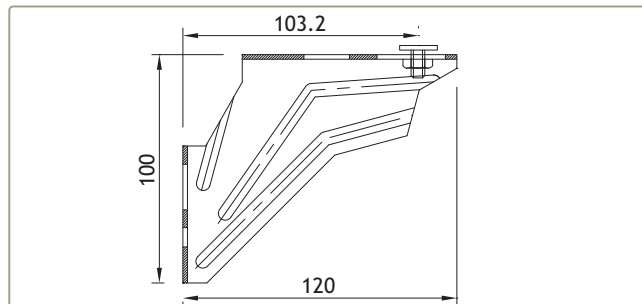


230463 SUPORTE PARA ACION. ELÉC. DUPLO 41101H(Nat.)

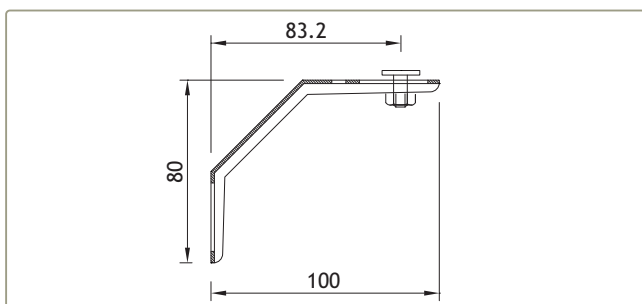
Para Acionador 40989D  
Cores: Natural, Preto, Branco



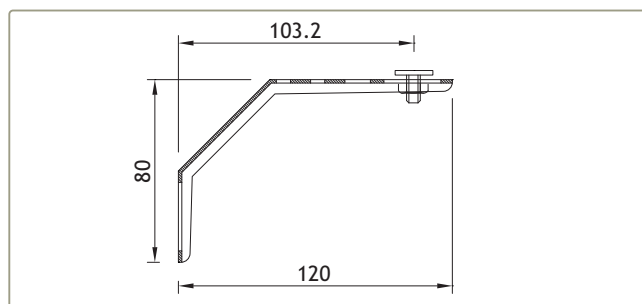
230014 SUPORTE DE FIXAÇÃO 100mm



230019 SUPORTE DE FIXAÇÃO 120mm



213239 ÂNGULO DE FIXAÇÃO 100mm



213240 ÂNGULO DE FIXAÇÃO 120mm

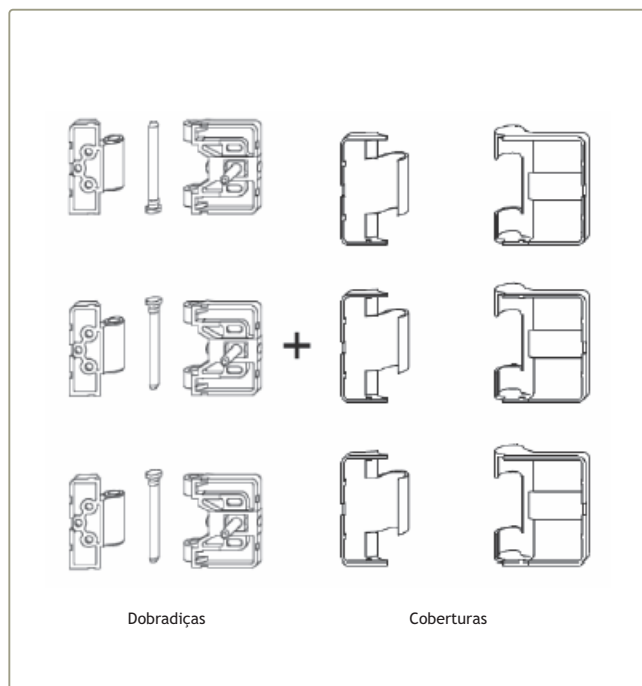


207203 PRESILHA M6 x 17mm

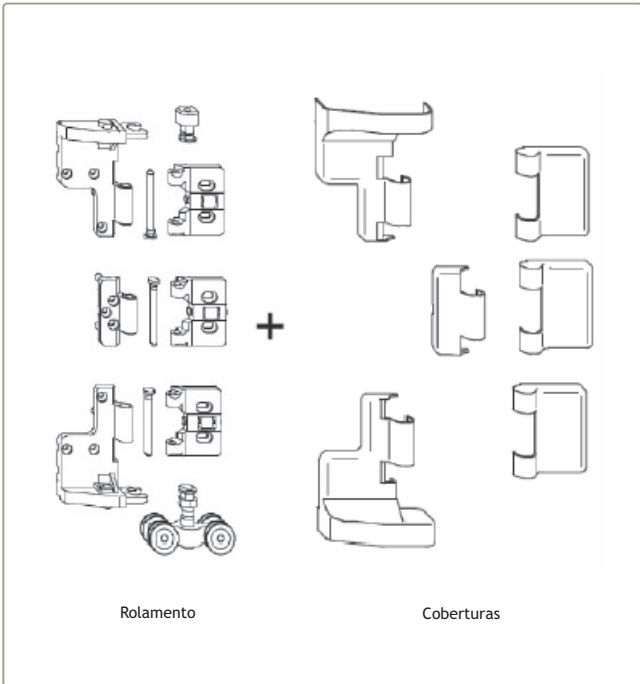
Presilha M6 x 17 mm  
(Aplicar com os perfis LT 41, LT 51, LT 47 e LT 57)



218116 CALÇO SEPARADOR (50 x 70mm)



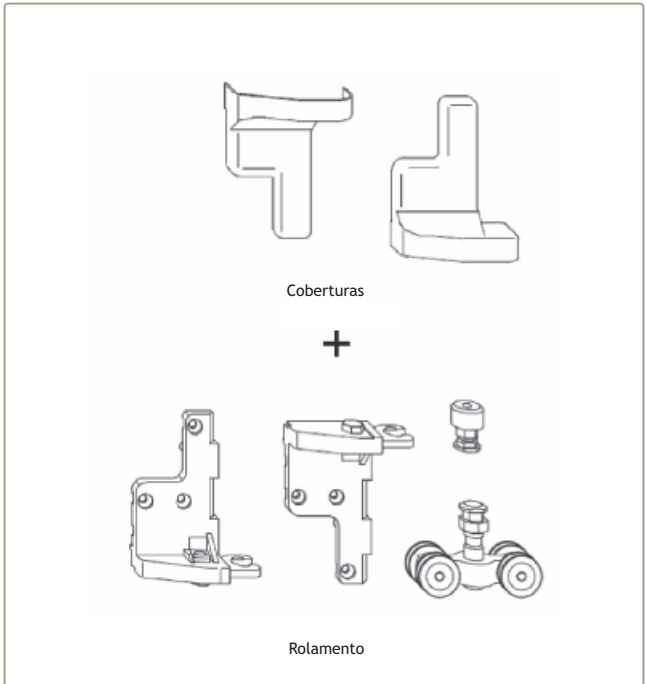
212064 CONJUNTO DOBRADIÇAS FS-LM BRUTO  
212879 CONJUNTO COBERTURAS P/DOBRADIÇAS FS-LM BRC  
212878 CONJUNTO COBERTURAS P/DOBRADIÇAS FS-LM PRT



Rolamento

Coberturas

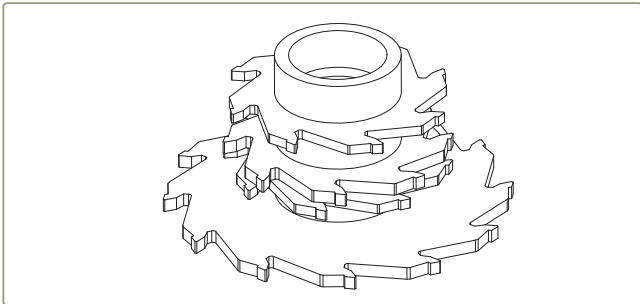
212321 CONJUNTO ROLAM. INTERM. FS-LM BRUTO  
 212880 CONJUNTO COBERTURA P/ROLAM.INTERM. FS-LM BRC  
 212877 CONJUNTO COBERTURAS P/ROLAM. INTERM. FS-LM PRT



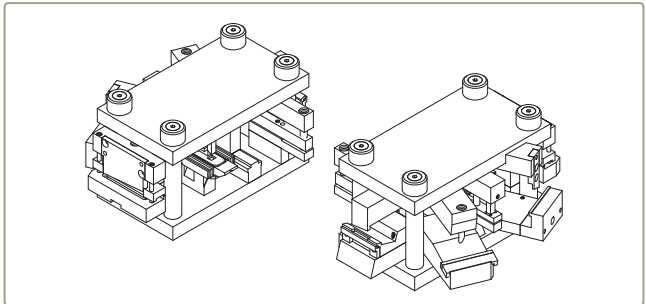
Coberturas

Rolamento

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



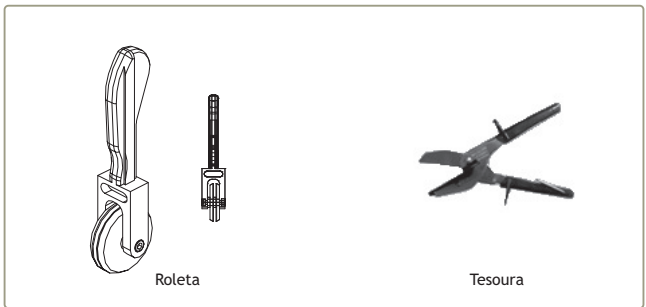
406009 CONJUNTO FRESAS SISTEMA LT



408040 CORTANTE SISTEMA LT



220100 DISPOSITIVO MANUAL P18/14



Roleta

Tesoura

425001 ROLETA P/VED. CPT 150D  
 426003 TESOURA PARA VEDANTES MULTICOUP



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

208019 SELA JUNTAS 150gr. (Cinza)



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

208704 PRODUTO DE LIMPEZA DE ALUMÍNIO (1L) Transparente





## **Pormenores de montagem**

Assembly details  
Détails d'assemblage



**INTENCIONALMENTE EM BRANCO**  
INTENTIONALLY BLANK  
INTENTIONNELLEMENT BLANCHE

# JANELA DE BATENTE - LT OCULTA

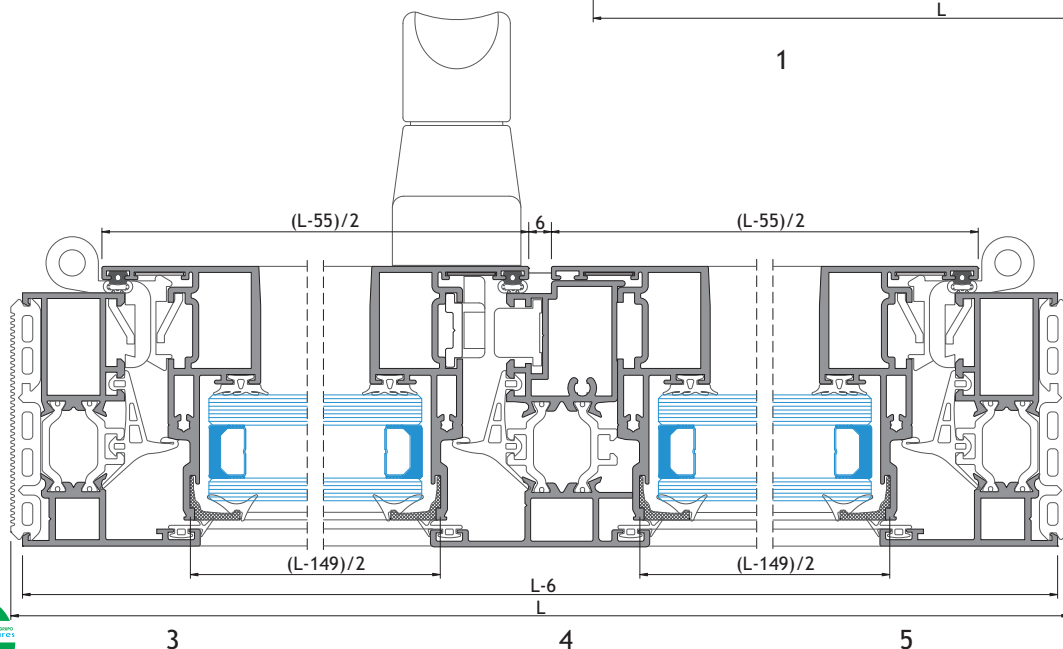
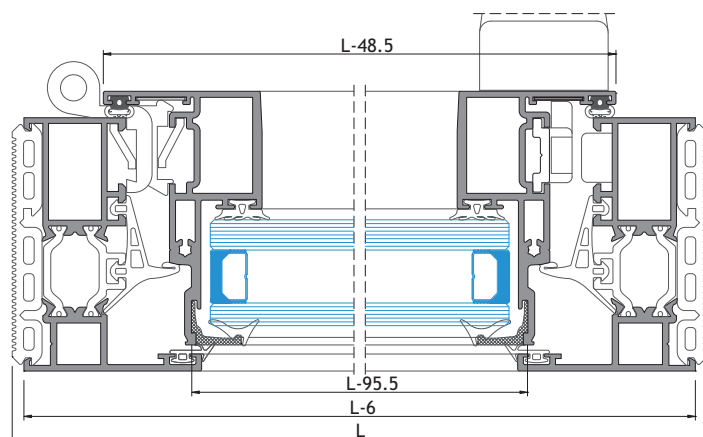
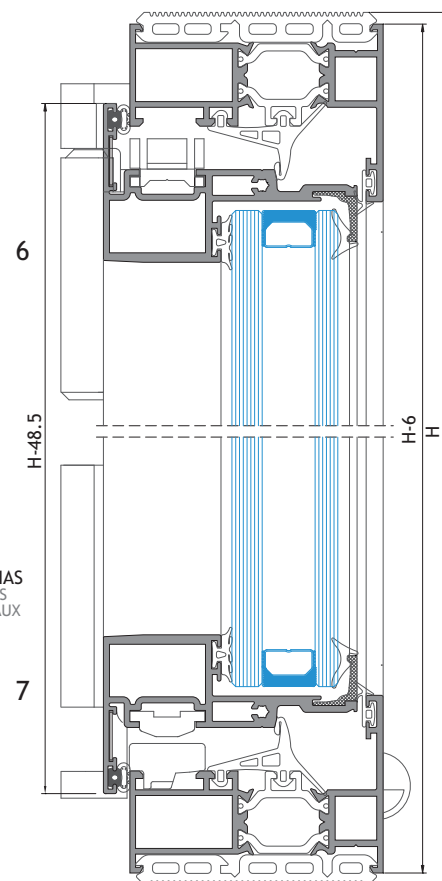
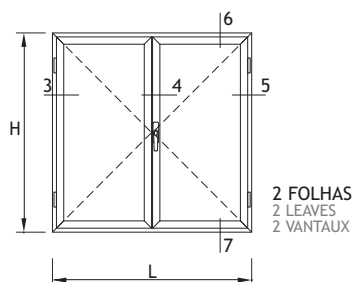
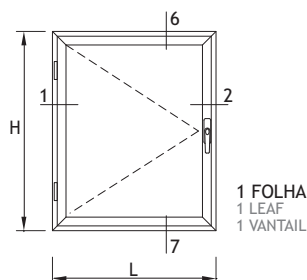
CASEMENT WINDOW - LT CONCEALED  
FENÊTRE À LA FRANÇAISE - LT OUVRANT CACHÉ

PERFIS - JANELA DE 1 FOLHA				
PROFILES - 1 LEAF WINDOW   PROFILS - FENÊTRE À 1 VANTAIL				
REFERÊNCIA REFERENCE RÉFÉRENCE	CORTE HORIZONTAL HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERTICAL VERTICAL DETAIL DÉTAIL VERTICALE	QUANTIDADE QUANTITY QUANTITÉ	CORTE CUT CUT COUPÉ
LT-01	L-6	H-6	2+2	
LT-90	L-48.5	H-48.5	2+2	
LT-95	L-95.5	H-95.5	2+2	
SA-33	.....	(H-290)/2	2	

PERFIS - JANELA DE 2 FOLHAS				
PROFILES - 2 LEAVES WINDOW   PROFILS - FENÊTRE À 2 VANTAUX				
REFERÊNCIA REFERENCE RÉFÉRENCE	CORTE HORIZONTAL HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERTICAL VERTICAL DETAIL DÉTAIL VERTICALE	QUANTIDADE QUANTITY QUANTITÉ	CORTE CUT CUT COUPÉ
LT-01	L-6	H-6	2+2	
LT-90	(L-55)/2	H-48.5	4+4	
LT-96	.....	H-116.5	1	
LT-95	(L-149)/2	H-95	4+4	
SA-33	.....	(H-290)/2	2	

ACESSÓRIOS				
ACCESSORIES   ACCESSOIRES				
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ		
		1 FOLHA LEAF   VANTAIL	2 FOLHAS LEAF   VANTAIL	
210154	CANTO CR 5/SB   ANGLE   COIN	4	8	
210154	GOTEIRA 1875   DRIP   GOUTTIÈRE	2	2	
204901	ESQUADRO 18-1112-C   BLOCKING BRACKET   ÉQUERRE	4	4	
204728	ESQUADRO AT E. P.   BLOCKING BRACKET   ÉQUERRE	8	12	
202208	DOBRAÇA 1121.1   HINGE   PAUMELLE	2	4	
200302	CREMONE 870.2   HANDLE   POIGNÉE	1	1	
215114	PEÇA CREMONE VARETA 1481   OPERATING ROD PIECE   ENTRÂINEUR	2	2	
206490	TERMINAL VARETA 1486   LOCKING TERMINAL   TERMINAISON DE FERMETURE	2	2	
202090	CONTRA-FEC. DUPLO 1416.6   DOUBLE COUNTER-LOCK   CONTRE-FERM. DOUBLE	2	2	
218113	CALÇOS P/VIDRO 79x40x2   GLAZING SHIM   CALE POUR VITRAGE	4	8	
212057	CONJ.TOPO INVERSOR LT-OCULTA   END CAP KIT   KIT EMBOUTS	-	1	
201490	FECHO P/2*FOLHA 1541   2ND LEAF LOCKER   FERMETURE POUR 2EME VANTAIL	-	2	

VEDANTES				
SEALANTS   JOINTS				
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ		
		1 FOLHA LEAF   VANTAIL	2 FOLHAS LEAF   VANTAIL	
208152	VD 2069	2L+2H	2L+2H	
208008	VD 2051	2L+2H	2L+3H	
208491	VD 2067	2L+2H	2L+3H	
208278	VD 2112	2L+2H	2L+4H	
208289	VD 2055	2L+2H	2L+4H	
VARIÁVEL VARIABLE	JUNTA INTERIOR   GLAZING WEDGE GASKET   JOINT INTÉRIEUR	2L+2H	2L+4H	
213255	CANTO VULCANIZADO 2067.1   CORNER JOINT   JOINT VULCANISÉ	4	4	



**JANELA DE BATENTE - LT OCULTA (LT71 + LT90)**

CASEMENT WINDOW - LT CONCEALED (LT71 + LT90)

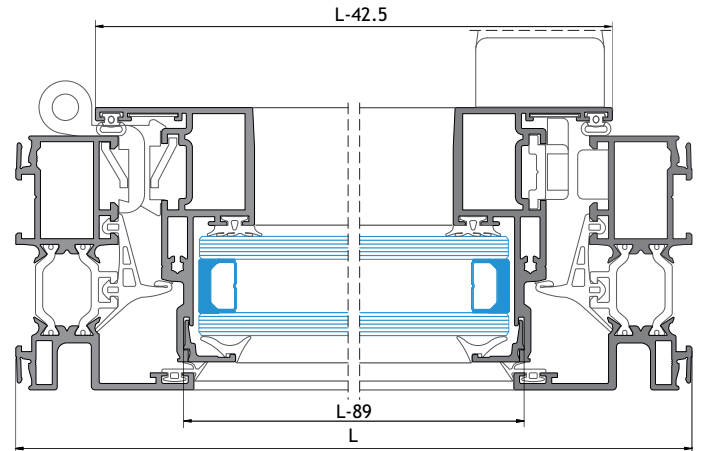
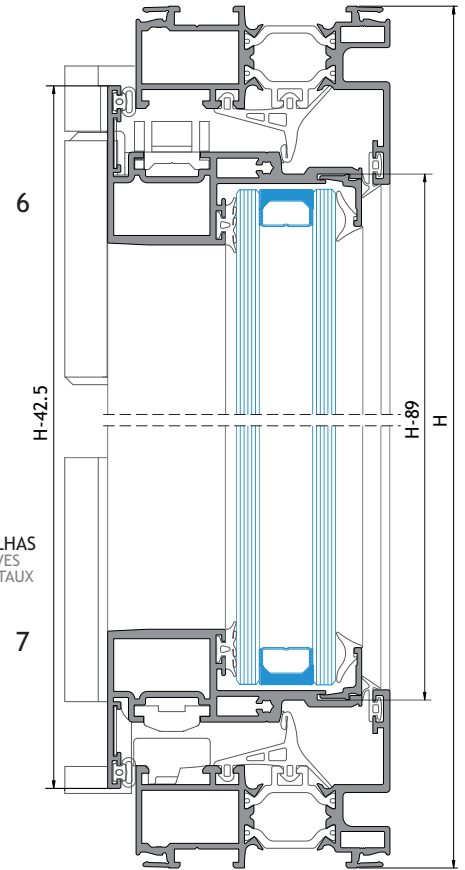
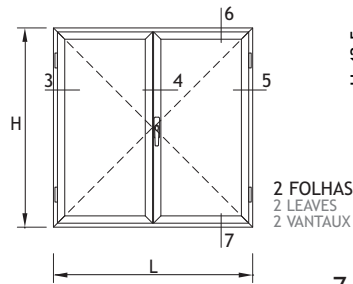
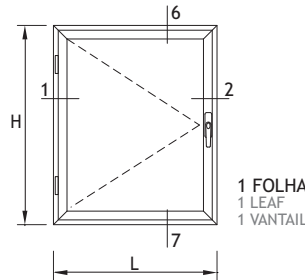
FENÊTRE À LA FRANÇAISE - LT OUVRANT CACHÉ (LT71 + LT91)

PERFIS - JANELA DE 1 FOLHA PROFILES - 1 LEAF WINDOW   PROFILS - FENÊTRE À 1 VANTAIL				
REFERÊNCIA REFERÉNCIA	CORTE HORIZONTAL HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERTICAL VERTICAL DETAIL DÉTAIL VERTICALE	QUANTIDADE QUANTITY QUANTITÉ	CORTE CUT COUPÉ
LT-71	L	H	2+2	
LT-90	L-42.5	H-42.5	2+2	
LT-95	L-89	H-89	2+2	
SA-33	.....	(H-290)/2	2	

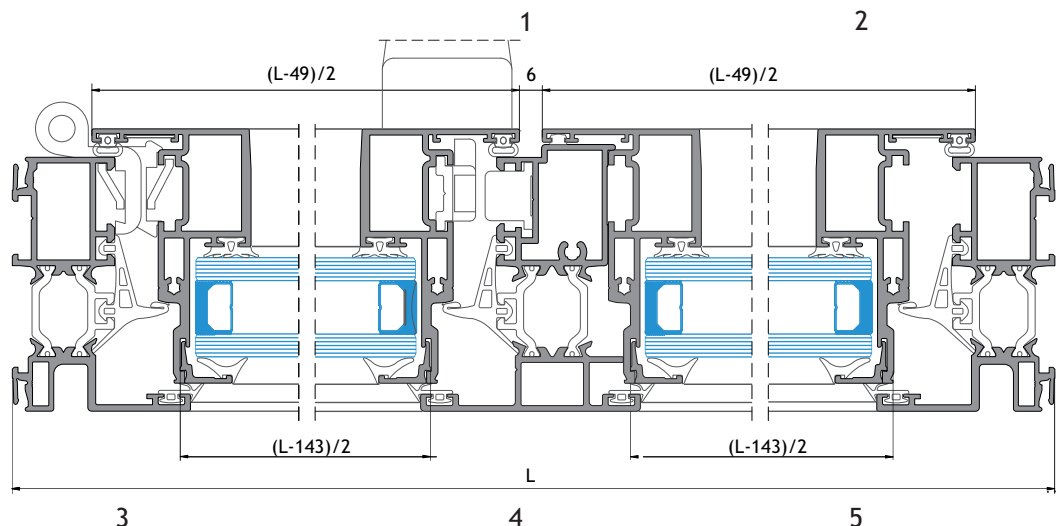
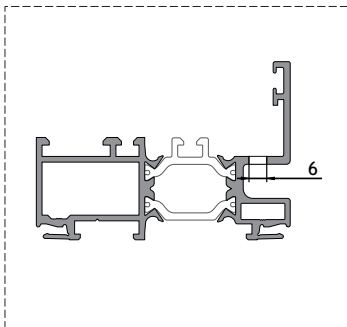
PERFIS - JANELA DE 2 FOLHAS PROFILES - 2 LEAVES WINDOW   PROFILS - FENÊTRE À 2 VANTAUX				
REFERÊNCIA REFERÉNCIA	CORTE HORIZONTAL HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERTICAL VERTICAL DETAIL DÉTAIL VERTICALE	QUANTIDADE QUANTITY QUANTITÉ	CORTE CUT COUPÉ
LT-71	L	H	2+2	
LT-90	(L-49)/2	H-42.5	4+4	
LT-96	.....	H-110.5	1	
LT-95	(L-143)/2	H-89	4+4	
SA-33	.....	(H-284)/2	2	

ACESSÓRIOS ACCESSORIES   ACCESSOIRES			
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ	
		1 FOLHA 1 LEAF 1 VANTAIL	2 FOLHAS 2 LEAVES 2 VANTAUX
213246	CANTO CR S/SB   ANGLE   COIN	4	8
204163	ESQUADRO LT 1104   BLOCKING BRACKET   ÉQUERRE	4	4
204728	ESQUADRO AT E. P.   BLOCKING BRACKET   ÉQUERRE	8	12
202208	DOBRADIÇA 1121.1   HINGE   PAUMELLE	2	4
200302	CREMONE 870.2   HANDLE   POIGNÉE	1	1
215114	PEÇA CREMONE VARETA 1481   OPERATING ROD PIECE   ENTRÂINEUR	2	2
206490	TERMINAL VARETA 1486   LOCKING TERMINAL   TERMINAISON DE FERMETURE	2	2
202090	CONTRA-FEC. DUPLO 1416.6   DOUBLE COUNTER-LOCK   CONTRE-FERM. DOUBLE	2	2
218194	CALÇOS P/VIDRO 2.5mm   GLAZING SHIM   CALE POUR VITRAGE	4	8
212366	CONJUNTO TOPO SOL 26   END CAP KIT   KIT EMBOUTS	1	1
212057	CONJUNTO INVERSOR LT-OCULTA   END CAP KIT   KIT EMBOUTS	-	1
201490	FECHO P/ V2ª FOLHA 1541   2ND LEAF LOCKER   FERMETURE P/ 2EME VANTAIL	-	2

VEDANTES SEALANTS   JOINTS			
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ	
		1 FOLHA 1 LEAF 1 VANTAIL	2 FOLHAS 2 LEAVES 2 VANTAUX
208008	VD 2051	2L+2H	2L+3H
208491	VD 2067	2L+2H	2L+3H
208278	VD 2112	2L+2H	2L+4H
208289	VD 2055	2L+2H	2L+4H
VARIÁVEL VARIABLE	JUNTA INTERIOR   GLAZING WEDGE GASKET   JOINT INTÉRIEUR	2L+2H	2L+4H
213255	CANTO VULCANIZADO 2067.1   CORNER JOINT   JOINT VULCANISÉ	4	4



DRENAGEM PERFIL LT-71 | DRAINAGE | DRAINAGE



# JANELA DE BATENTE - LINHA OVAL

CASEMENT WINDOW - OVAL LINE

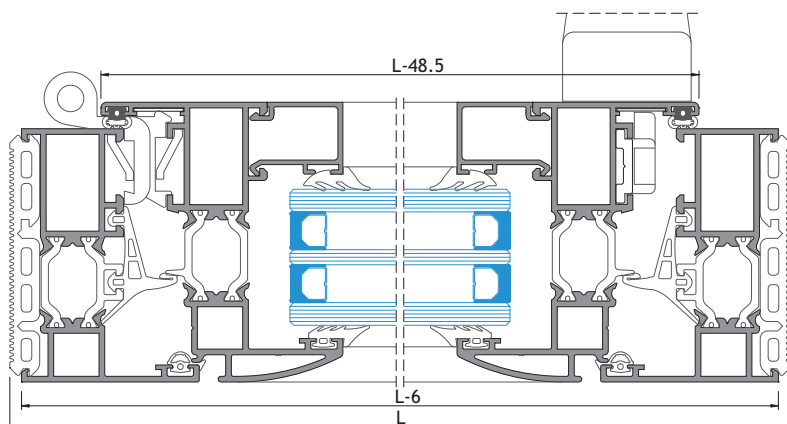
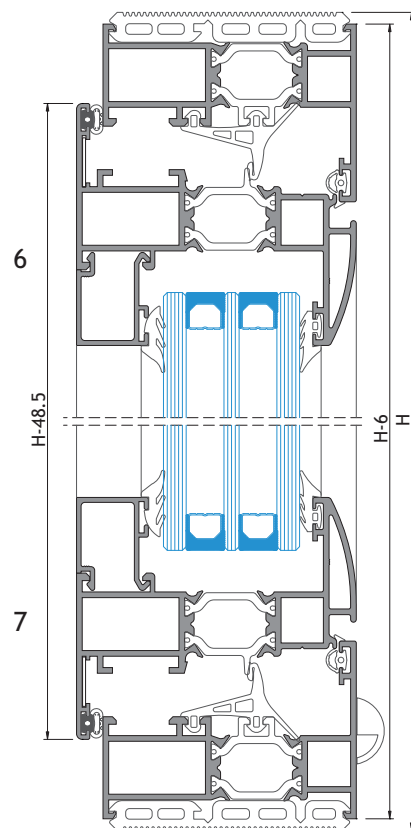
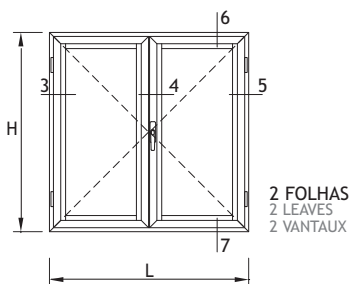
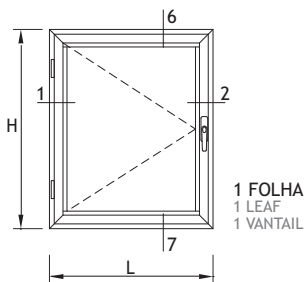
FENÊTRE À LA FRANÇAISE - LIGNE OVALE

PERFIS - JANELA DE 1 FOLHA				
PROFILES - 1 LEAF WINDOW   PROFILS - FENÊTRE À 1 VANTAIL				
REFERÊNCIA REFERENCE RÉFÉRENCE	CORTE HORIZONTAL HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERTICAL VERTICAL DETAIL DÉTAIL VERTICALE	QUANTIDADE QUANTITY QUANTITÉ	CORTE CUT COUPÉ
LT-01	L-6	H-6	2+2	
LT-85	L-48.5	H-48.5	2+2	
-	L-136	H-176	2+2	
SA-33	.....	(H-290)/2	2	

PERFIS - JANELA DE 2 FOLHAS				
PROFILES - 2 LEAVES WINDOW   PROFILS - FENÊTRE À 2 VANTAUX				
REFERÊNCIA REFERENCE RÉFÉRENCE	CORTE HORIZONTAL HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERTICAL VERTICAL DETAIL DÉTAIL VERTICALE	QUANTIDADE QUANTITY QUANTITÉ	CORTE CUT COUPÉ
LT-01	L-6	H-6	2+2	
LT-85	(L-54)/2	H-48	4+4	
LT-06	.....	H-116.5	1	
-	(L-230)/2	H-176	4+4	
SA-33	.....	(H-290)/2	2	

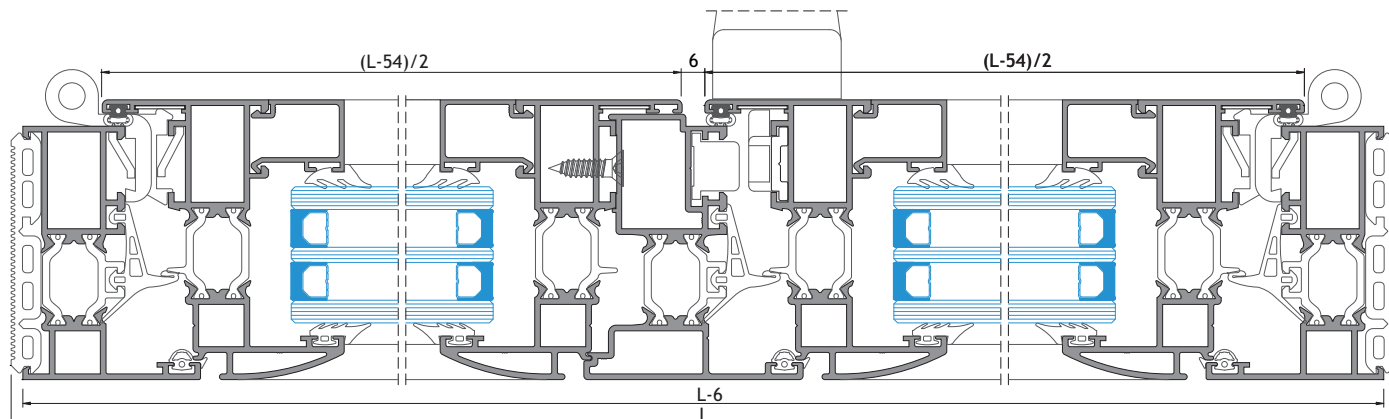
ACESSÓRIOS			
ACCESSORIES   ACCESSOIRES			
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ	
		1 FOLHA LEAF   VANTAIL	2 FOLHAS LEAF   VANTAIL
210154	GOTEIRA 1875   DRIP   GOUTTIÈRE	2	2
213246	CANTO CR S/SB   ANGLE   COIN	4	8
204901	ESQUADRO 18-1112-C   BLOCKING BRACKET   ÉQUERRE	8	12
204728	ESQUADRO AT E. P.   BLOCKING BRACKET   ÉQUERRE	8	12
202208	DOBRADIÇA 1121.1   HINGE   PAUMELLE	2	4
200302	CREMONE 870.2   HANDLE   POIGNÉE	1	1
215114	PEÇA CREMONE VARETA 1481   OPERATING ROD PIECE   ENTRÂINEUR	2	2
206490	TERMINAL VARETA 1486   LOCKING TERMINAL   TERMINAISON DE FERMETURE	2	2
202090	CONTRA-FEC. DUPLO 1416.6   DOUBLE COUNTER-LOCK   CONTRE-FERM. DOUBLE	2	2
218194	CALÇOS P/VIDRO EURO 2000   GLAZING SHIM   CALE POUR VITRAGE	4	8
212014	CONJ.TOPO INVERSOR LT   END CAP KIT   KIT EMBOUTS	-	1
201490	FECHO P/2ªFOLHA 1541   2ND LEAF LOCKER   FERMETURE POUR 2EME VANTAIL	-	2

VEDANTES			
SEALANTS   JOINTS			
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ	
		1 FOLHA LEAF   VANTAIL	2 FOLHAS LEAF   VANTAIL
208152	VD 2069	2L+2H	2L+2H
208008	VD 2051	2L+2H	2L+3H
208491	VD 2067	2L+2H	2L+3H
208350	VD 2003	2L+2H	2L+4H
208319	VD 2312 OPCIONAL   OPTIONAL   FACULTATIF	2L+2H	2L+3H
VARIABLE	JUNTA INTERIOR   GLAZING WEDGE GASKET   JOINT INTÉRIEUR	2L+2H	2L+4H
213290	CANTO VULCANIZADO 2105.1   CORNER JOINT   JOINT VULCANISÉ	4	4



1

2



3

4

5

ESC:1/2



**PORTA DE ENTRADA DE 1 FOLHA - LT OCULTA**

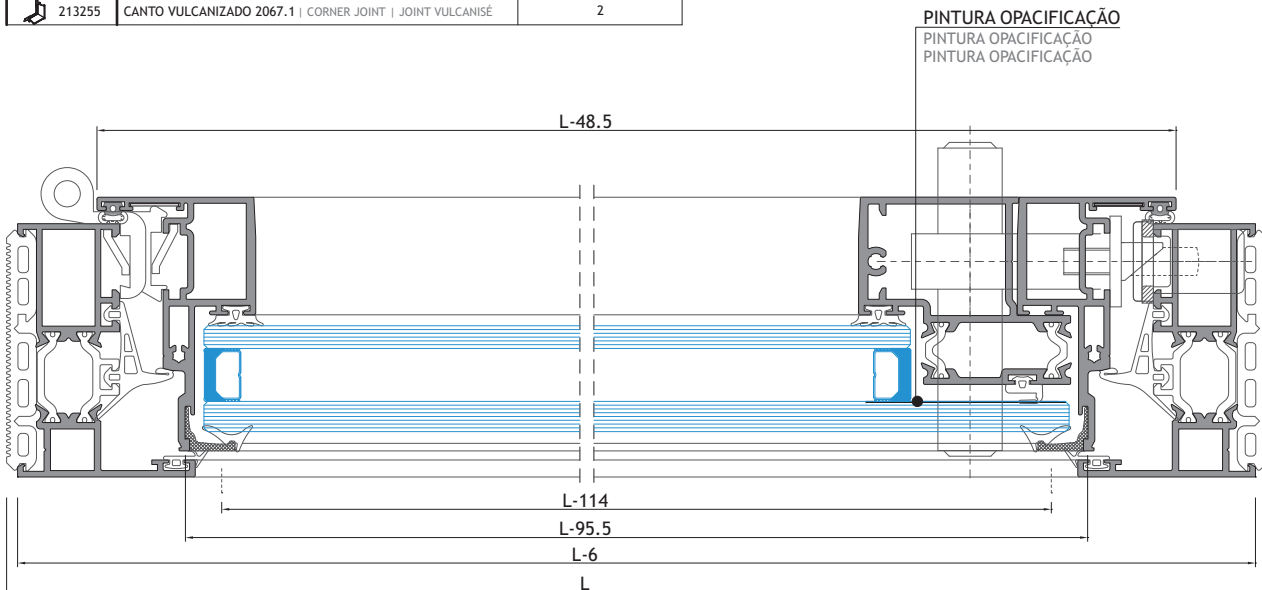
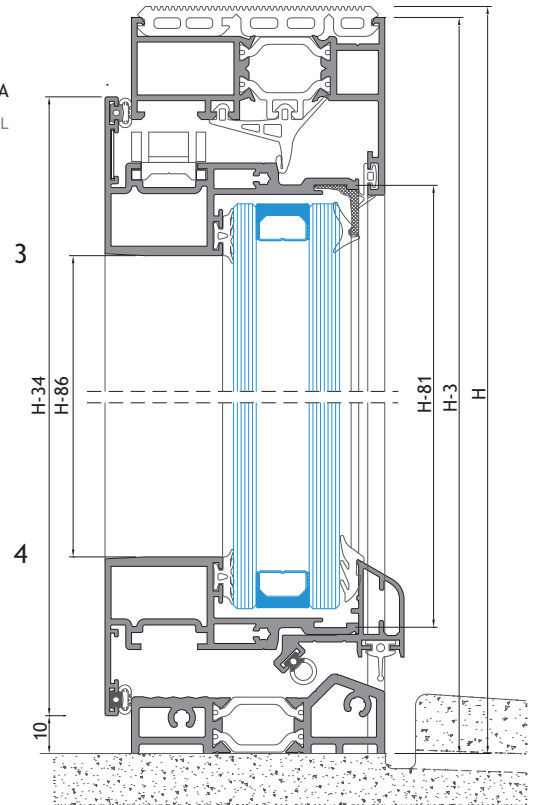
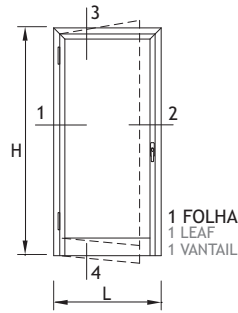
1 LEAF DOOR - LT CONCEALED

PORTE 1 VANTAIL - LT CACHÉ

PERFIS PROFILES   PROFILS				
REFERÊNCIA REFERANCE RÉFÉRENCE	CORTE HORIZONTAL HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERTICAL VERTICAL DETAIL DÉTAIL VERTICALE	QUANTIDADE QUANTITY QUANTITÉ	CORTE CUT COUPÉ
LT-01	L-6	H-3	1+2	
LT-90	L-48.5	H-34	2+2	
LT-95	L-95.5	H-81	2+2	
LT-91	-	H-86	1	
LT-50	L-50	-	1	
LT-32	L-114	-	1	

ACESSÓRIOS ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
213246	CANTO CR 5/SB   ANGLE   COIN	4
204901	ESQUADRO 18-1112-C   BLOCKING BRACKET   ÉQUERRE	2
204728	ESQUADRO AT E. P.   BLOCKING BRACKET   ÉQUERRE	6
202208	DOBRADIÇA 1121.1   HINGE   PAUMELLE	3
200028	PUXADOR DUPLO 874.31   DOUBLE HANDLE   DOUBLE POIGNÉE	1
201616	FECHADURA 3 PONTOS   3 POINTS LOCKER   SERRURE DE 3 POINTS	1
280012	TESTA CENTRAL   CENTRAL STRICKING PLATE   GÂCHE CENTRALE	1
280011	TESTA SUP/INF   UPPER AND LOWER STRICKING PLATE   GÂCHES SUP./INF.	2
230502	SEGREDO 70/30   CYLINDER LOCK   CYLINDRE DE SERRURE	1
220190	ESPELHO 874.801 CYLINDER BACK PLATE   COUVERCLE DE CYLINDRE	1
218113	CALÇOS P/VIDRO 79x40x2mm   GLAZING SHIM   CALE POUR VITRAGE	6
212346	CONJUNTO TAPA TOPOS SA 32   END CAP   EMBOUT	1

VEDANTES SEALANTS   JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
208152	VD 2069	L+2H
208008	VD 2051	3L+2H
208491	VD 2067	L+2H
208278	VD 2112	L+2H
208289	VD 2055	2L+2H
208114	VD 2008	H
208246	VD 1140	L
VARIÁVEL VARIABLE	JUNTA EXTERIOR   GLAZING WEDGE GASKET   JOINT EXTÉRIEUR	2L+2H
213255	CANTO VULCANIZADO 2067.1   CORNER JOINT   JOINT VULCANISÉ	2

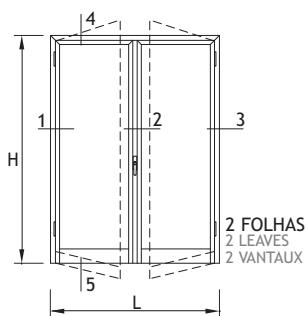


## PORTA DE ENTRADA DE 2 FOLHAS - LT OCULTA

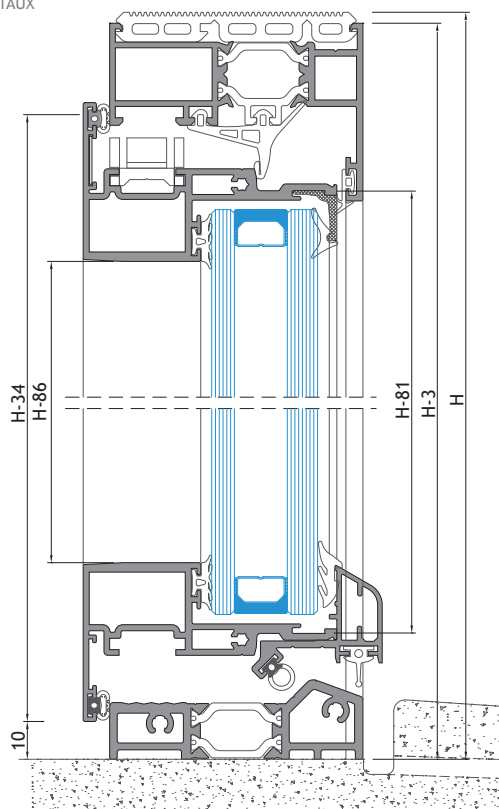
2 LEAVES DOOR - LT CONCEALED

PORTE 2 VANTAUX - LT CACHÉ

PERFIS PROFILES   PROFILS				
REFERÊNCIA REFERENCE REFERÉNCIA	CORTE HORIZONTAL HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERTICAL VERTICAL DETAIL DÉTAIL VERTICALE	QUANTIDADE QUANTITY QUANTITÉ	CORTE CUT COUPÉ
LT-01	L-6	H-3	1+2	
LT-90	(L-55)/2	H-34	4+4	
LT-96	-	H-102	1	
LT-95	(L-149)/2	H-81	4+4	
LT-91	-	H-86	1	
LT-50	L-50	-	1	
LT-32	(L-186)/2 (L-186)/2)+65	-	1	

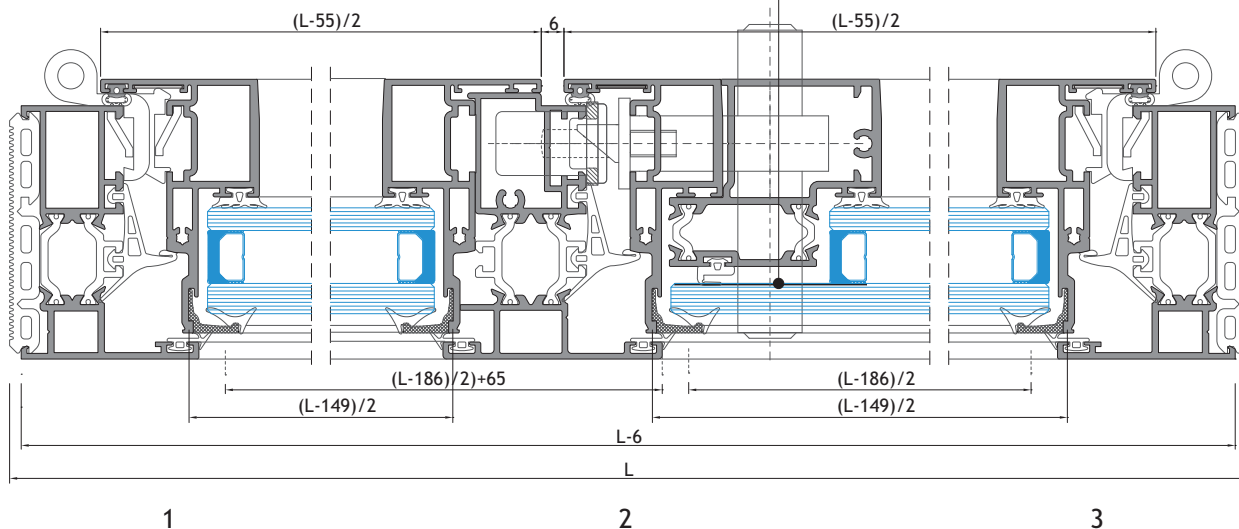


ACESSÓRIOS ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
213246	CANTO CR S/SB   ANGLE   COIN	8
204901	ESQUADRO 18-1112-C   BLOCKING BRACKET   ÉQUERRE	2
204728	ESQUADRO AT E. P.   BLOCKING BRACKET   ÉQUERRE	10
202208	DOBRADIÇA 1121.1   HINGE   PAUMELLE	6
200028	PUXADOR DUPLO 874.31   DOUBLE HANDLE   DOUBLE POIGNÉE	1
201616	FECHADURA 3PONTOS   3 POINTS LOCKER   SERRURE DE 3 POINTS	1
280012	TESTA CENTRAL   CENTRAL STRICKING PLATE   GÂCHE CENTRALE	1
280011	TESTA SUP/INF   UPPER AND LOWER STRICKING PLATE   GÂCHES SUP./INF.	2
230502	SEGREDO 70/30   CYLINDER LOCK   CYLINDRE DE SERRURE	1
220190	ESPELHO 874.801   CYLINDER BACK PLATE   COUVERCLE DE CYLINDRE	1
218113	CALÇOS P/VIDRO 79x40x2mm   GLAZING SHIM   CALE POUR VITRAGE	12
212057	CONJ.TOPO INVERSOR LT-OCULTA   END CAP KIT   KIT EMBOUTS	1
201490	FECHO P/2*FOLHA 1541   2ND LEAF LOCKER   FERMETURE POUR 2ÈME VANTAIL	2
211103	PONTO FECHO PAVIMENTO 1409/8   FLOOR KEEPER   POINT DE CLÔTURE	1
212346	CONJUNTO TAPA TOPOS SA 32   END CAP   EMBOUT	2
202090	CONTRA-FECHO DUPLO   DOUBLE KEEPER   DOUBLE POINT DE CLÔTURE	1



VEDANTES SEALANTS   JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
208152	VD 2069	L+2H
208008	VD 2051	3L+3H
208491	VD 2067	L+3H
208278	VD 2112	L+4H
208289	VD 2055	2L+4H
208114	VD 2008	H
208246	VD 1140	L
VARIÁVEL VARIABLE	JUNTA EXTERIOR   GLAZING WEDGE GASKET   JOINT EXTÉRIEUR	2L+4H
213255	CANTO VULCANIZADO 2067.1   CORNER JOINT   JOINT VULCANISÉ	2

PINTURA OPACIFICAÇÃO  
PINTURA OPACIFICAÇÃO  
PINTURA OPACIFICAÇÃO



ESC: 1/2



# PORTA DE 1 FOLHA - ABERTURA PARA INTERIOR

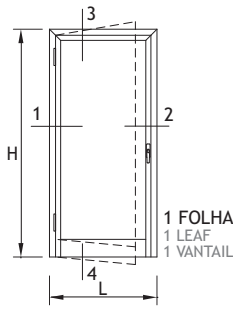
1 LEAF DOOR - INWARD OPENING

PORTE 1 VANTAIL - OUVERTURE VERS L'INTÉRIEUR

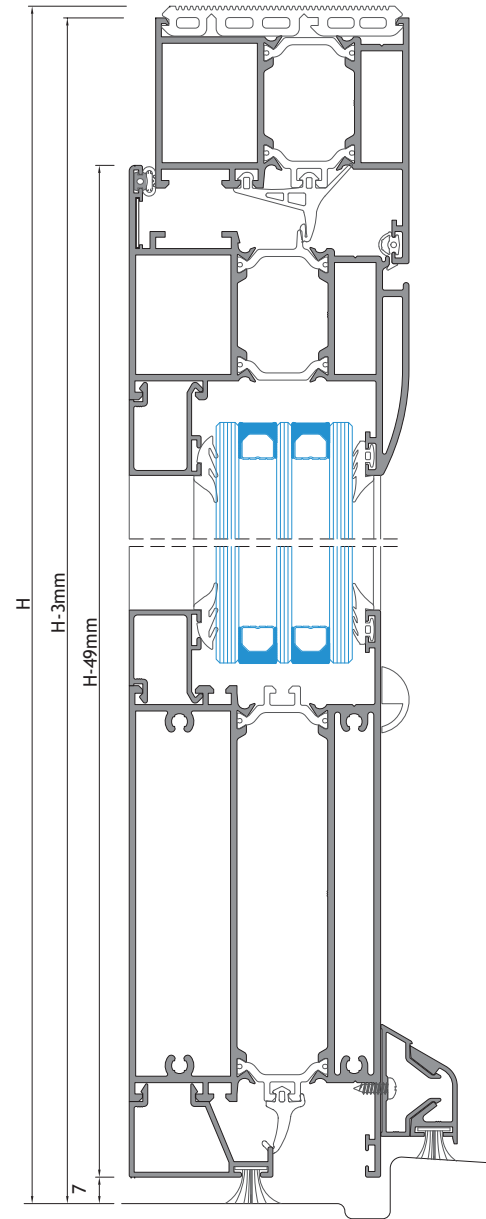
PERFIS - PORTA DE 1 FOLHA PROFILES - 1 LEAF DOOR   PROFILS - PORTE À 1 VANTAIL				
REFERÊNCIA REFERENCE REFERÉNCIA	CORTE HORIZONTAL HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERTICAL VERTICAL DETAIL DÉTAIL VERTICALE	QUANTIDADE QUANTITY QUANTITÉ	CORTE CUT COUPÉ
LT-07	L-6	H-3	1+2	
LT-88	L-84	H-49	1+2	
LT-14	L-199	-	1	
SA-31	L-248	-	1	
SA-32	L-152	-	1	
-	L-208	H-281	2+2	
AT-59	L-208	-	1	

ACESSÓRIOS ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
210154	GOTEIRA 1875   DRIP 1875   GOUTTIÈRE 1875	2
213246	CANTO CR 5/SB   ANGLE   COIN	2
204009	ESQUADRO 18-1130-C   BLOCKING BRACKET   ÉQUERRE	4
204730	ESQUADRO AT E. G.   BLOCKING BRACKET   ÉQUERRE	4
202010	DOBRADIÇA MECANICA 1145/60   HINGE   PAUMELLE	2
223100	KIT FIXAÇÃO 1145.705   FIXATION KIT   KIT FIXATION	2
218170	CALÇO 1145.703/7   SHIM   CALE	2
201033	FECHADURA 7797x30   LOCKER   SERRURE	1
230503	SEGREDO 70/32   CYLINDER LOCK   CYLINDRE DE SERRURE	1
220008	ESPELHO P/SEGREDO 5100   CYLINDER BACK PLATE   COUVERCLE DE CYLINDRE	1
200028	PUXADOR DUPLO 874.31   HANDLE   POIGNÉE	1
227302	QUADRA DESC. 130mm   OFFSET SQUARE SHAFT   BARRE CARRÉE DÉCENTRÉE	1
280220	TESTA FECHADURA PRUMO 2000   STRICKING PLATE   GÂCHE	1
212346	CONJUNTO TAPA-TOPOS SA32   END-CAP KIT   KIT DE EMBOUTE	1
218194	CALÇOS P/VIDRO EURO 2000   GLAZING SHIM   CALE P/VITRAGE	4

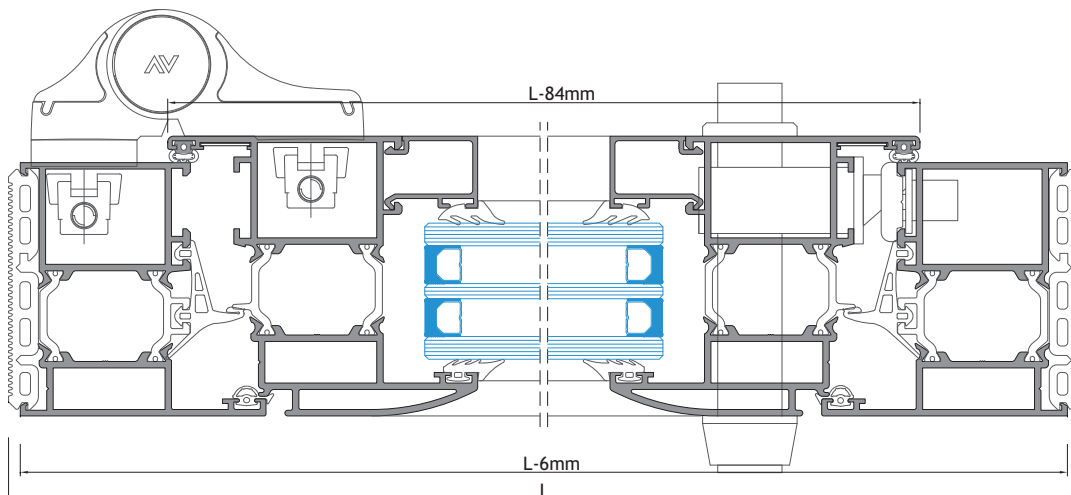
VEDANTES SEALANTS   JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
208152	VD 2069	L+2H
208008	VD 2051	L+2H
208491	VD 2067	L+2H
208350	VD 2003	2L+2H
208319	VD 2312 OPCIONAL   OPTIONAL   FALCULTATIF	L+2H
VARIÁVEL VARIABLE	JUNTA INTERIOR   GLAZING WEDGE GASKET   JOINT INTÉRIEUR	2L+2H
213290	CANTO VULCANIZADO 2105.1   CORNER JOINT   JOINT VULCANISÉ	2
208464	PELÚCIA 8,5x12 STOP-FIN   PLUSH   JOINT BROSSE	2L



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ESC:1/2

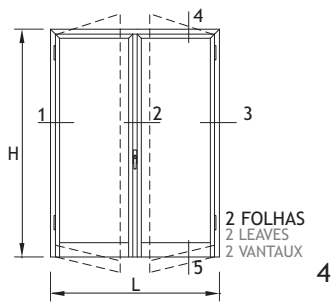


# PORTA DE 2 FOLHAS - ABERTURA PARA INTERIOR

2 LEAVES DOOR - INWARD OPENING

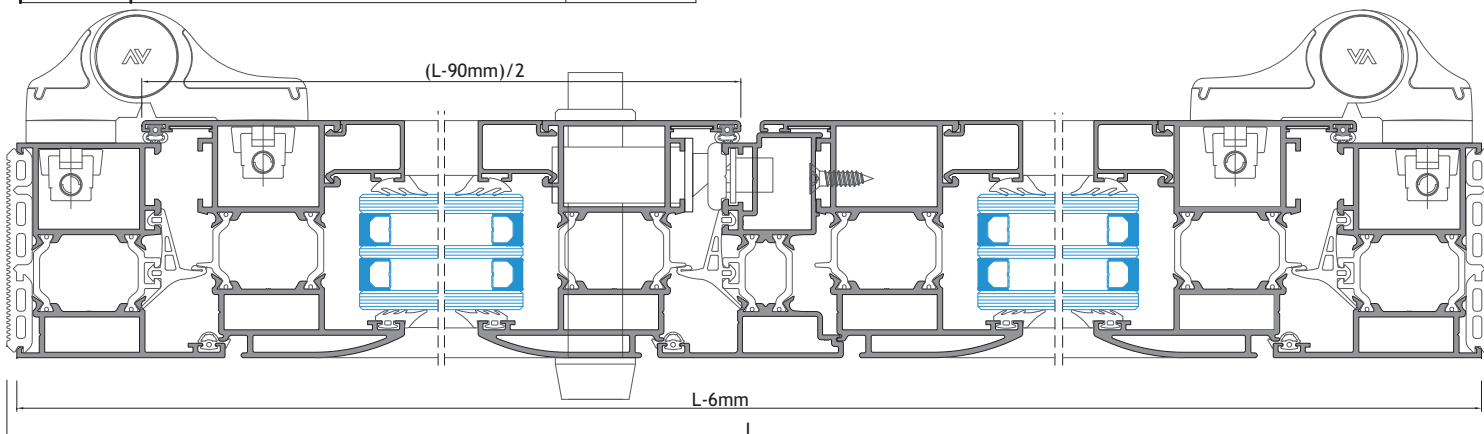
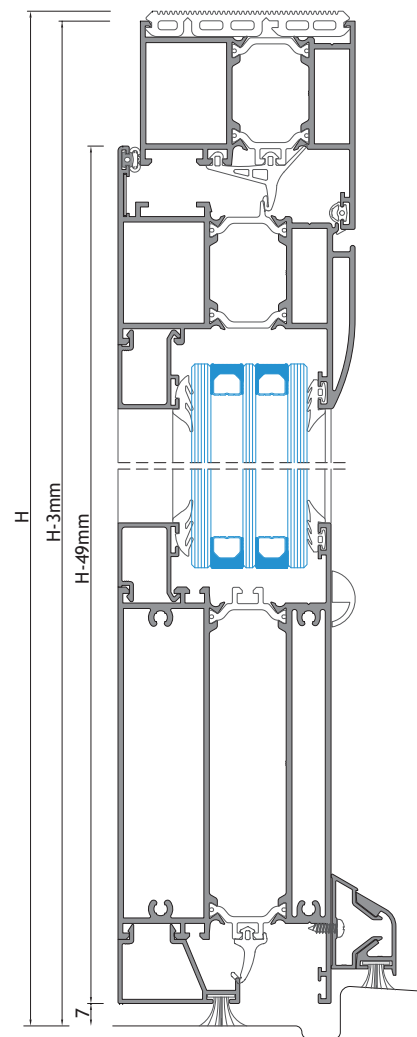
PORTE 2 VANTAUX - OUVERTURE VERS L'INTÉRIEUR

PERFIS - PORTA DE 2 FOLHAS PROFILES - 2 LEAVES DOOR   PROFILS - PORTE À 2 VANTAUX				
REFERÊNCIA REFERENCE REFERÉNCIA	CORTE HORIZONTAL HORIZONTAL DETAIL DETAIL HORIZONTALAILE	CORTE VERTICAL VERTICAL DETAIL DETAIL VERTICALE	QUANTIDADE QUANTITY QUANTITÉ	CORTE CUT COUPÉ
LT-07	L-6	H-3	1+2	
LT-88	(L-90)/2	H-49	2+4	
LT-06	-	H-83	1	
LT-14	(L-318)/2	-	2	
SA-31	(L-291)/2	-	2	
SA-32	(L-222)/2 [(L-222)/2]+65mm	-	1 1	
AT-59	(L-338)/2	H-286.5	4+4	



ACESSÓRIOS ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
210154	GOTEIRA 1875   DRIP 1875   GOUTTIÈRE 1875	4
213246	CANTO CR S/SB   ANGLE   COIN	4
204009	ESQUADRO 18-1130-C   BLOCKING BRACKET   ÉQUERRE	6
204730	ESQUADRO AT E. G.   BLOCKING BRACKET   ÉQUERRE	6
202010	DOBRADIÇA MECÂNICA 1145/60   HINGE   PAUMELLE	4
223100	KIT FIXAÇÃO 1145.705   FIXATION KIT   KIT FIXATION	4
218170	CALÇÓ 1145.703/7   SHIM   CALE	4
201033	FECHADURA 7797x30   LOCKER   SERRURE	1
230503	SEGREDO 70/32   CYLINDER LOCK   CYLINDRE DE SERRURE	1
220008	ESPELHO P/SEGREGO 5100   CYLINDER BACK PLATE   COUVERCLE DE CYLINDRE	1
200028	PUXADOR DUPLO 874.31   HANDLE   POIGNÉE	1
227302	QUADRA DESC. 130mm   OFFSET SQUARE SHAFT   BARRE CARRÉE DÉCENTRÉE	1
280220	TESTA FECHADURA PRUMO 2000   STRICKING PLATE   GÂCHE	1
212346	CONJUNTO TAPA-TOPOS SA32   END-CAP KIT   KIT DE EMBOUTE	2
218194	CALÇOS P/VIDRO EURO 2000   GLAZING SHIM   CALE P/VITRAGE	8
212014	CONJ.INVERSOR LT   END CAP KIT   KIT EMBOUTS	1
225155	PASSADOR REVERSÍVEL 1550   2ND LEAF LOCKER   FERMETURE POUR 2ème VANTAIL	2
221154	HASTE FECHO 1550.801   EXTENSION ROD   HAMPE D'EXTENSION	2
202077	CONTRA-FECHO 1404   COUNTER-LOCK   CONTRE-FERMETURE	1
211103	PONTO FECHO PAVIMENTO 1409/8   FLOOR KEEPER   POINT DE CLÔTURE	1

VEDANTES SEALANTS   JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
208152	VD 2069	L+2H
208008	VD 2051	L+3H
208491	VD 2067	L+3H
208350	VD 2003	2L+4H
208319	VD 2312 OPCIONAL   OPTIONAL   FALCULTATIF	L+3H
VARIÁVEL VARIABLE	JUNTA INTERIOR   GLAZING WEDGE GASKET   JOINT INTÉRIEUR	2L+4H
213290	CANTO VULCANIZADO Z105.1   CORNER JOINT   JOINT VULCANISÉ	2
208464	PELÚCIA 8.5x12 STOP-FIN   PLUSH   JOINT BROSSÉ	2L



S/ESC.

1

2

3

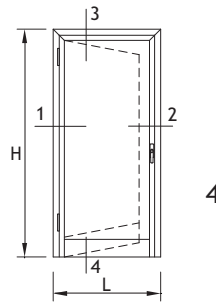


**PORTA DE 1 FOLHA - ABERTURA PARA EXTERIOR**

1 LEAF DOOR - OUTWARD OPENING

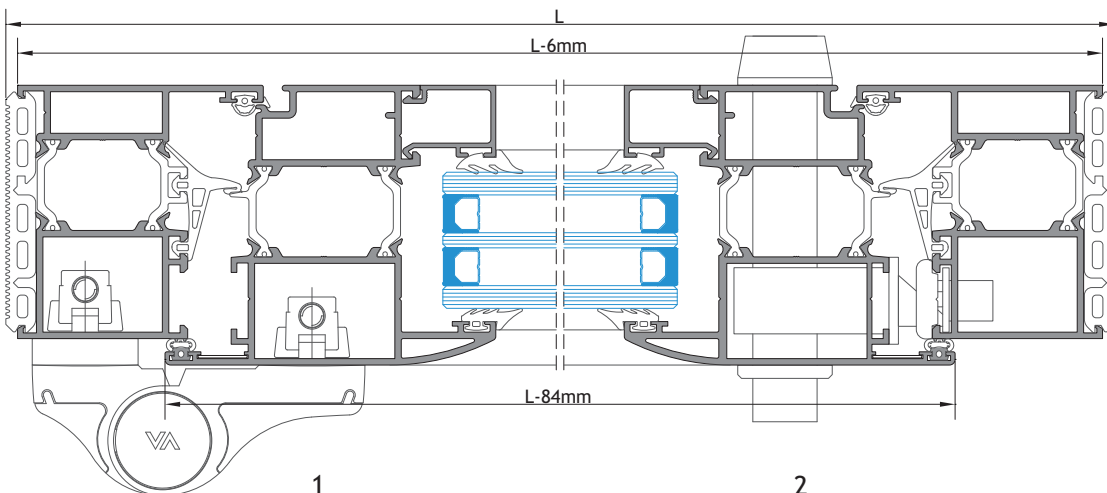
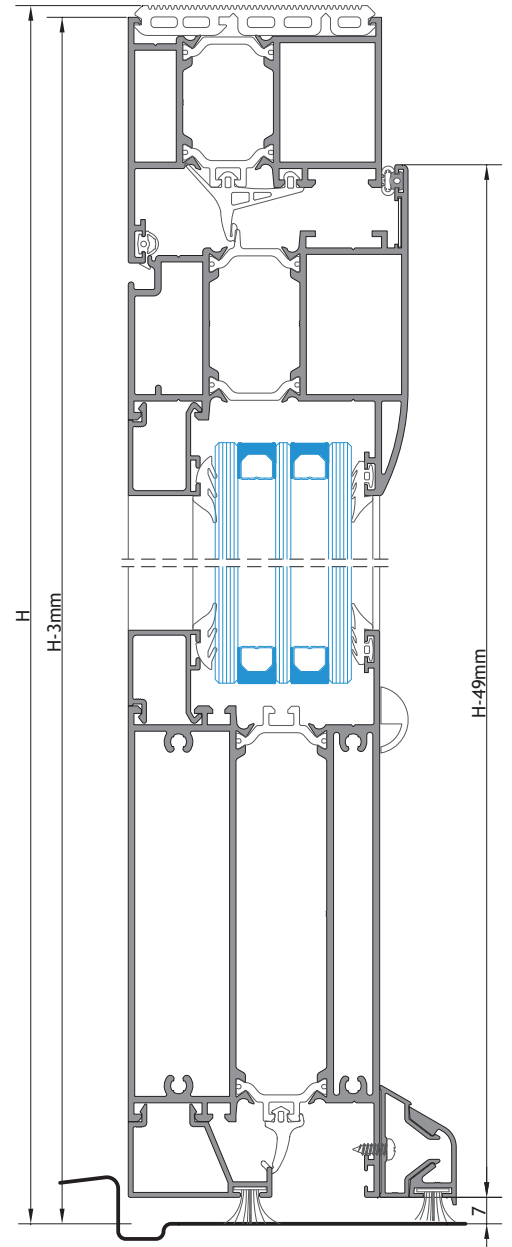
PORTE 1 VANTAIL - OUVERTURE VERS L'EXTÉRIEUR

PERFIS - PORTA DE 1 FOLHA PROFILES - 1 LEAF DOOR   PROFILS - PORTE À 1 VANTAIL				
REFERÊNCIA REFERANCE REFERÉNCIA	CORTE HORIZONTAL HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERTICAL VERTICAL DETAIL DÉTAIL VERTICALE	QUANTIDADE QUANTITY QUANTITÉ	CORTE CUT COUPÉ
LT-07	L-6	H-3	1+2	
LT-09	L-84	H-49	1+2	
LT-14	L-209	-	1	
SA-31	L-203	-	1	
SA-32	L-88	-	1	
-	L-219	H-286.5	2+2	
AT-59	L-219	-	1	



ACESSÓRIOS ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
210154	GOTEIRA 1875   DRIP 1875   GOUÏTIÈRE 1875	2
213246	CANTO CR S/SB   ANGLE   COIN	2
204009	ESQUADRO 18-1130-C   BLOCKING BRACKET   ÉQUERRE	2
204730	ESQUADRO AT E. G.   BLOCKING BRACKET   ÉQUERRE	2
204902	ESQUADRO 18-1135-C   BLOCKING BRACKET   ÉQUERRE	2
204010	ESQUADRO 26-2537-140   BLOCKING BRACKET   ÉQUERRE	2
202010	DOBRADIÇA MECANICA 1145/60   HINGE   PAUMELLE	2
223100	KIT FIXAÇÃO 1145.705   FIXATION KIT   KIT FIXATION	2
218170	CALÇO 1145.703/7   SHIM   CALE	2
201033	FECHADURA 7797x30   LOCKER   SERRURE	1
230503	SEGREDO 70/32   CYLINDER LOCK   CYLINDRE DE SERRURE	1
220008	ESPELHO P/SEGREDO 5100   CYLINDER BACK PLATE   COUVERCLE DE CYLINDRE	1
200028	PUXADOR DUPL0 874.31   HANDLE   POIGNÉE	1
227302	QUADRA DESC. 130mm   OFFSET SQUARE SHAFT   BARRE CARRÉE DÉCENTRÉE	1
280220	TESTA FECHADURA PRUMO 2000   STRICKING PLATE   GÂCHE	1
212346	CONJUNTO TAPA-TOPOS SA32   END-CAP KIT   KIT DE EMBOUTE	1
218194	CALÇOS P/VIDRO EURO 2000   GLAZING SHIM   CALE P/VITRAGE	4

VEDANTES SEALANTS   JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
208152	VD 2069	L+2H
208008	VD 2051	L+2H
208491	VD 2067	L+2H
208350	VD 2003	2L+2H
208319	VD 2312 OPCIONAL   OPTIONAL   FALCULTATIF	L+2H
VARIÁVEL VARIABLE	JUNTA INTERIOR   GLAZING WEDGE GASKET   JOINT INTÉRIEUR	2L+2H
213290	CANTO VULCANIZADO 2105.1   CORNER JOINT   JOINT VULCANISÉ	2
208464	PELÚCIA 8.5x12 STOP-FIN   PLUSH   JOINT BROUSSE	2L

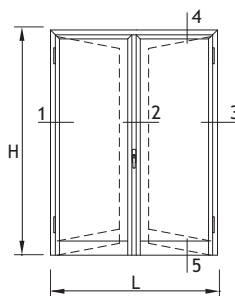


**PORTA DE 2 FOLHAS - ABERTURA PARA EXTERIOR**

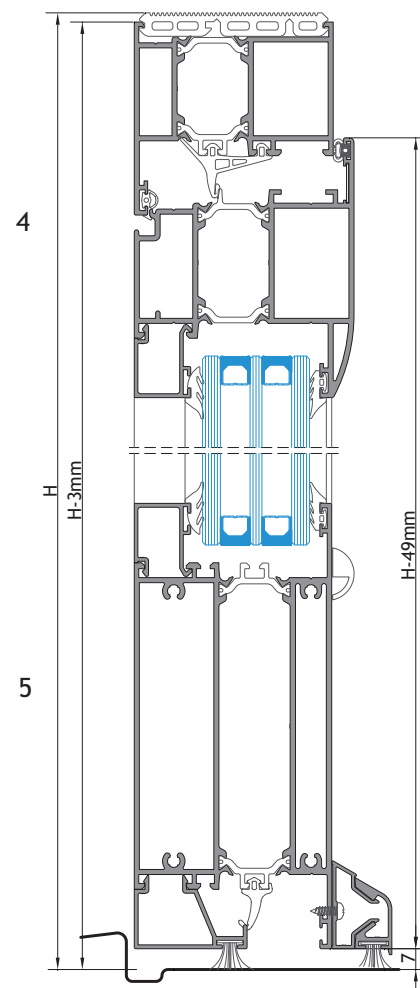
2 LEAVES DOOR - OUTWARD OPENING

PORTE 2 VANTAUX - OUVERTURE VERS L'EXTÉRIEUR

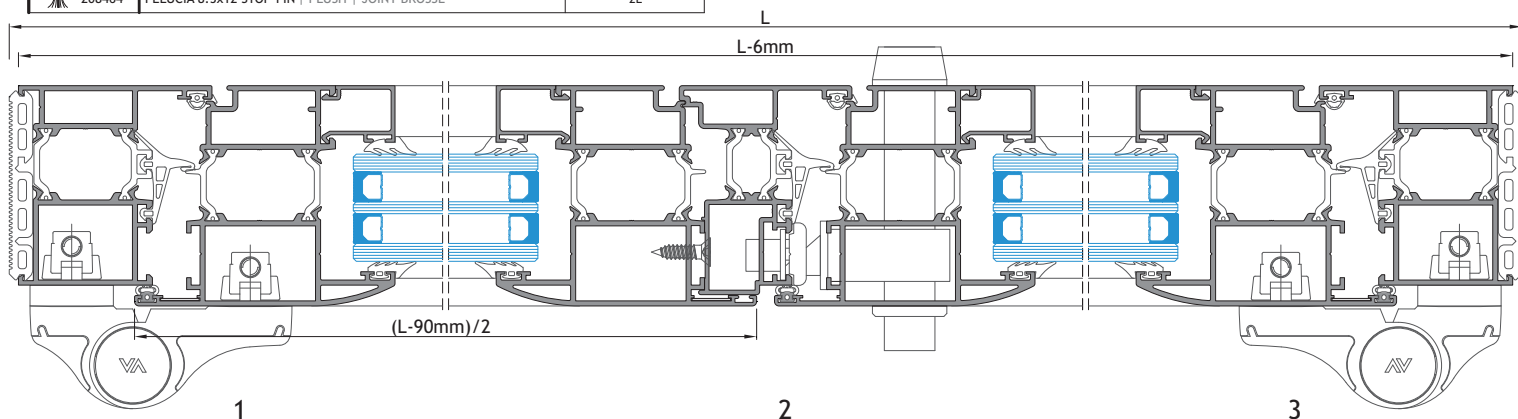
PERFIS - PORTA DE 2 FOLHAS PROFILES - 2 LEAVES DOOR   PROFILS - PORTE À 2 VANTAUX				
REFERÊNCIA RÉFÉRENCE	CORTE HORIZONTAL HORIZONTAL DETAIL	CORTE VERTICAL VERTICAL DETAIL	QUANTIDADE QUANTITÉ	CORTE CUT
LT-07	L-6	H-3	1+2	
LT-09	(L-90)/2	H-49	2+4	
LT-06	-	H-83	1	
LT-14	(L-340)/2	-	2	
SA-31	(L-328)/2	-	2	
SA-32	(L-94)/2	-	2	
-	(L-360)/2	H-286.5	4+4	
AT-59	(L-360)/2	-	2	



ACESSÓRIOS ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
210154	GOTEIRA 1875   DRIP 1875   GOUITIÈRE 1875	4
213246	CANTO CR 5/58   ANGLE   COIN	4
204009	ESQUADRO 18-1130-C   BLOCKING BRACKET   ÉQUERRE	2
204730	ESQUADRO AT E. G.   BLOCKING BRACKET   ÉQUERRE	2
204902	ESQUADRO 18-1135-C   BLOCKING BRACKET   ÉQUERRE	4
204010	ESQUADRO 26-2537-140   BLOCKING BRACKET   ÉQUERRE	4
202010	DOBRADIÇA MECANICA 1145/60   HINGE   PAUMELLE	4
223100	KIT FIXAÇÃO 1145.705   FIXATION KIT   KIT FIXATION	4
218170	CALÇO 1145.703/7   SHIM   CALE	4
201033	FECHADURA 7797x30   LOCKER   SERRURE	1
230503	SEGREDO 70/32   CYLINDER LOCK   CYLINDRE DE SERRURE	1
220008	ESPELHO P/SEGREDO 5100   CYLINDER BACK PLATE   COUVERCLE DE CYLINDRE	1
200028	PUXADOR DUPLO 874.31   HANDLE   POIGNÉE	1
227302	QUADRA DESC. 130mm   OFFSET SQUARE SHAFT   BARRE CARRÉE DÉCENTRÉE	1
280220	TESTA FECHADURA PRUMO 2000   STRIKING PLATE   GÂCHE	1
212346	CONJUNTO TAPA-TOPOS SA32   END-CAP KIT   KIT DE EMBOUTE	2
218194	CALÇOS P/VIDRO EURO 2000   GLAZING SHIM   CALE P/VITRAGE	8
212014	CONJ. INVERSOR LT   END CAP KIT   KIT EMBOUTS	1
225155	PASSADOR REVERSÍVEL 1550   2 <sup>nd</sup> LEAF LOCKER   FERMETURE POUR 2 <sup>ème</sup> VANTAIL	2
221154	HASTE FECHO 1550.801   EXTENSION ROD   HAMPE D'EXTENSION	2
202077	CONTRA-FECHO 1404   COUNTER-LOCK   CONTRE-FERMETURE	1
211103	PONTO FECHO PAVIMENTO 1409/8   FLOOR KEEPER   POINT DE CLÔTURE	1



VEDANTES SEALANTS   JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
208152	VD 2069	L+2H
208008	VD 2051	L+3H
208491	VD 2067	L+3H
208350	VD 2003	2L+4H
208319	VD 2312 OPCIONAL   OPTIONAL   FALCULTATIF	L+3H
VARIÁVEL VARIABLE	JUNTA INTERIOR   GLAZING WEDGE GASKET   JOINT INTÉRIEUR	2L+4H
213290	CANTO VULCANIZADO 2105.1   CORNER JOINT   JOINT VULCANISÉ	2
208464	PELÚCIA 8.5x12 STOP-FIN   PLUSH   JOINT BROSSE	2L



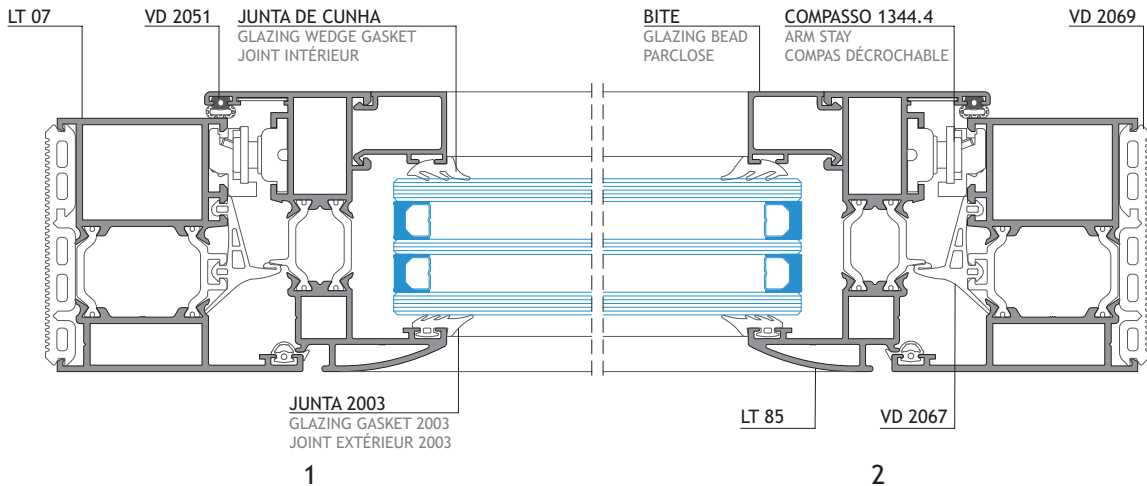
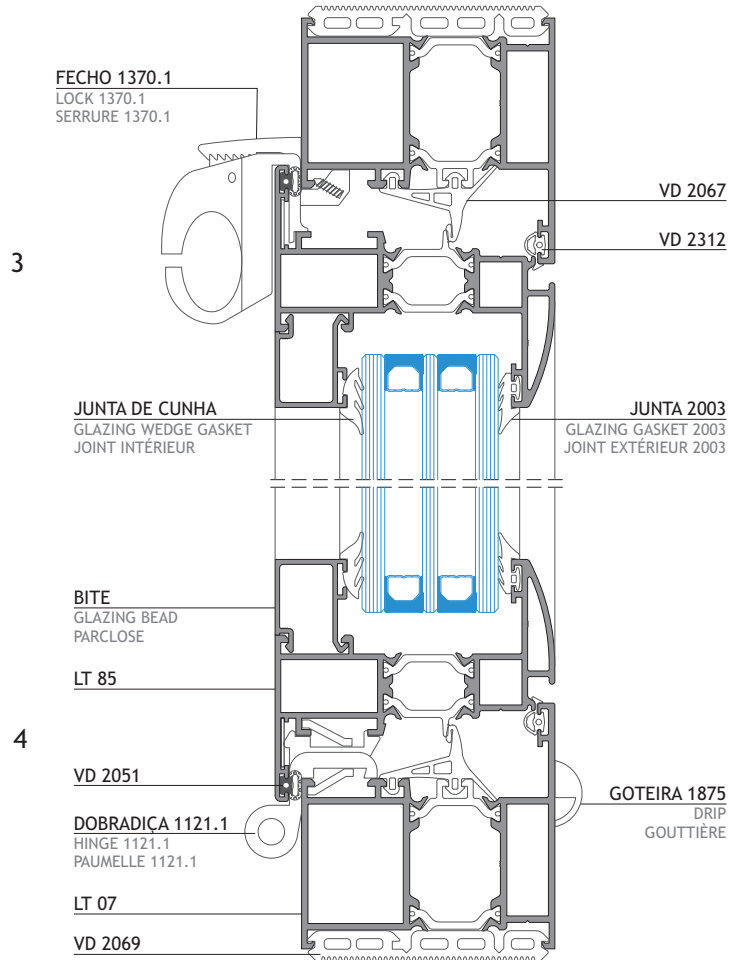
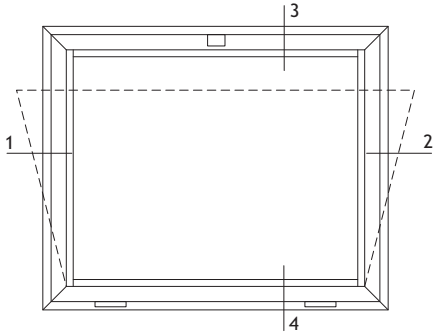
S/ESC.



**JANELA BASCULANTE - LINHA OVAL**

HOPPER WINDOW - OVAL LINE

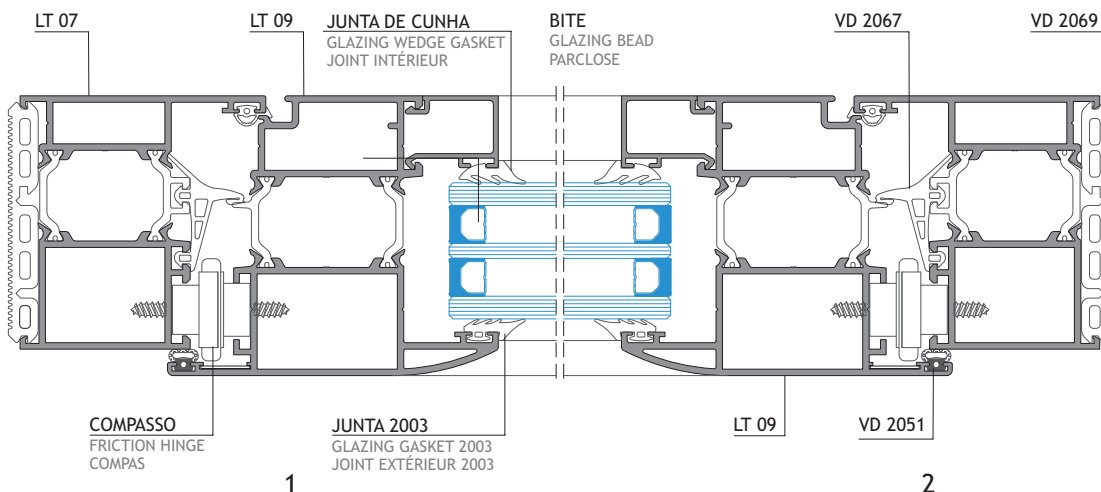
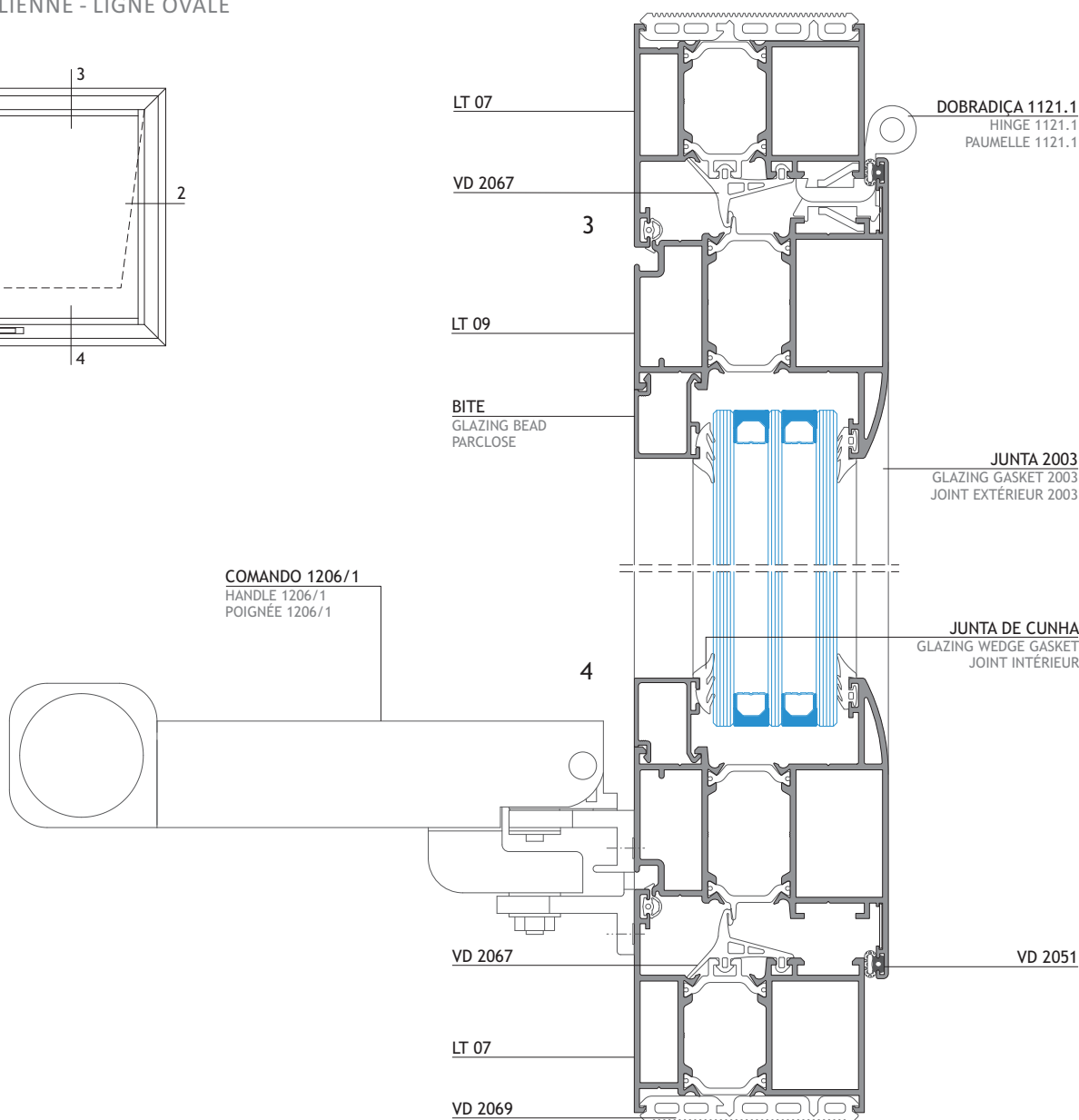
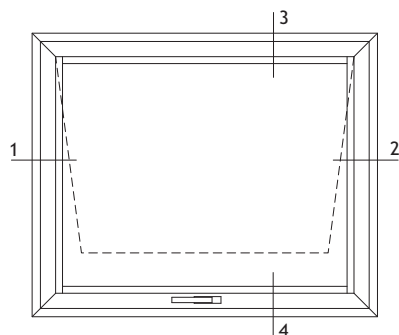
FENÊTRE À SOUFFLET - LIGNE OVALE



**JANELA PROJETANTE - LINHA OVAL**

AWNING WINDOW - OVAL LINE

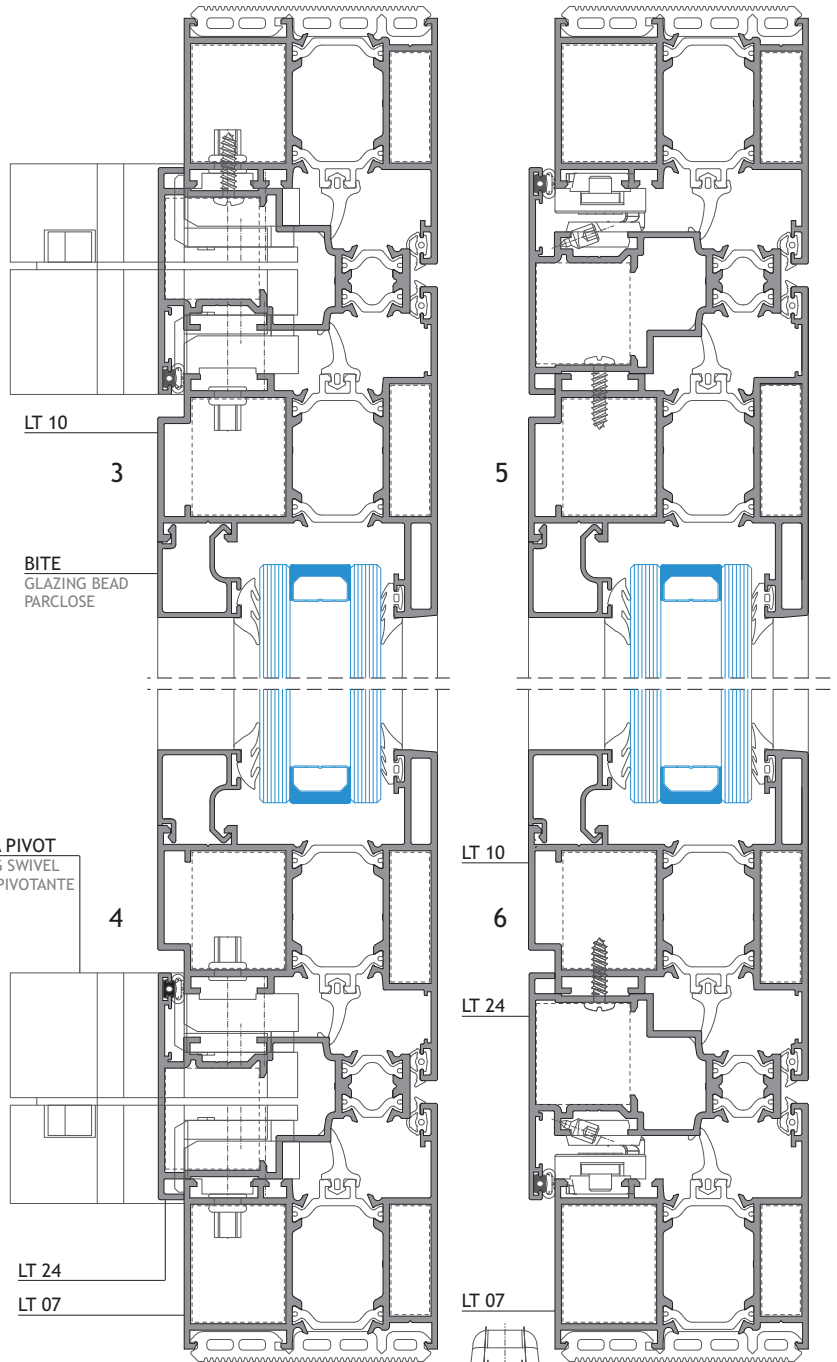
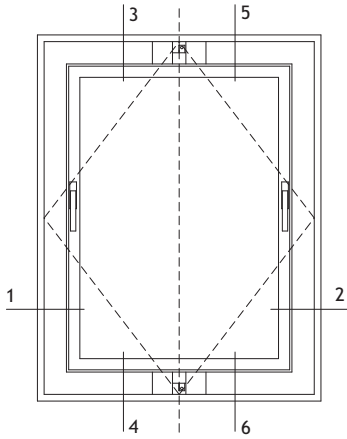
FENÊTRE À L'ITALIENNE - LIGNE OVALE



# JANELA PIVOTANTE VERTICAL - LINHA RETA

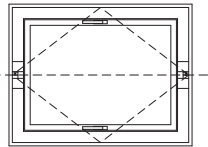
CENTER PIVOT VERTICAL WINDOW - STRAIGHT LINE

FENÊTRE PIVOTANTE - LIGNE DROITE

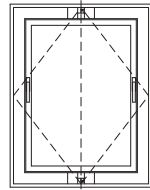


## TIPOLOGIAS POSSÍVEIS | POSSIBLE TYPOLOGIES | DIFFÉRENT TYPOLOGIES

**Pivotante horizontal**  
Center pivot horizontal  
Basculante



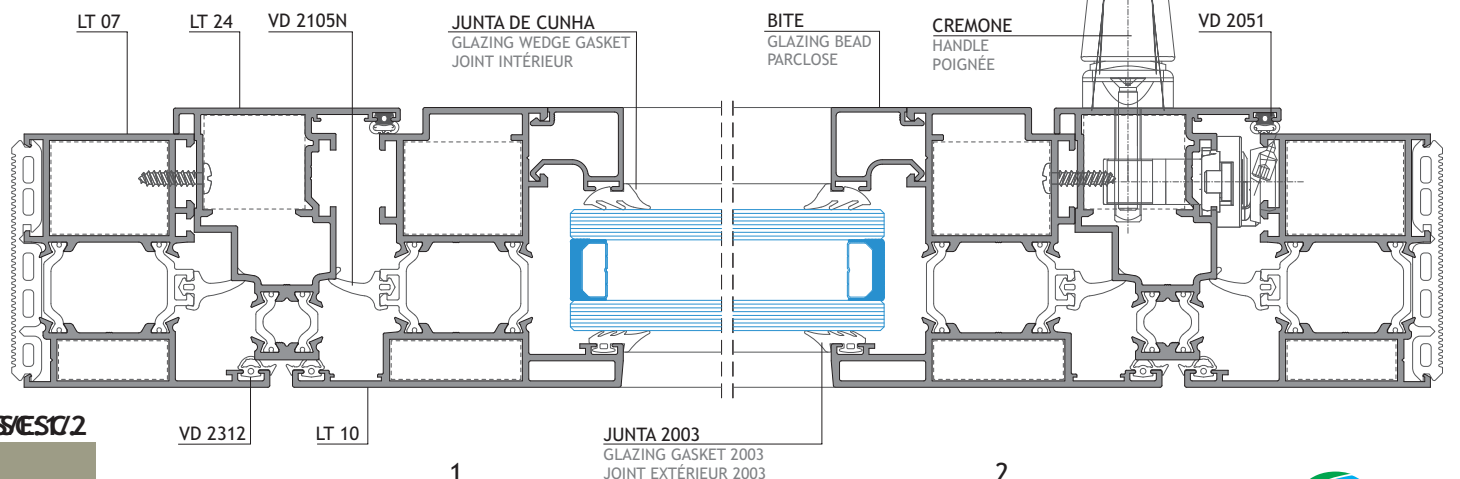
**Pivotante vertical**  
Center pivot vertical  
Pivotante,



**Peso Máximo: 130Kg | 175Kg**  
Maximum weight | Poids maximale  
**Largura mínima: 600mm**  
Minimum width | Largeur minimale  
**Altura mínima: 600mm**  
Minimum height | Hauteur minimale  
**Aberturas: Superior ou Inferior**  
Openings: Upper or Lower  
Ouvertures: Supérieure ou Inférieure  
**Retenção: a 25°**  
Open limit | Limite de ouverture

**Peso Máximo: 130Kg | 175Kg**  
Maximum weight | Poids maximale  
**Largura mínima: 600mm**  
Minimum width | Largeur minimale  
**Altura mínima: 600mm**  
Minimum height | Hauteur minimale  
**Aberturas: Esquerda ou Direita**  
Openings: Left or Right  
Ouvertures: À gauche ou à droit  
**Retenção: Sem retenção**  
No open limit | Sans limite de ouverture

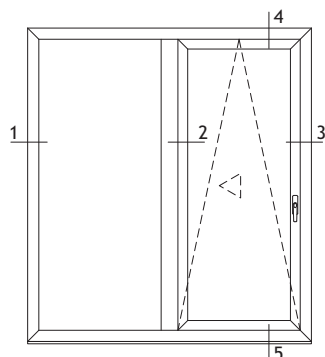
**RÓTULA PIVOT**  
PIVOTING SWIVEL  
ROTULE PIVOTANTE



# VÃO OSCILO-PARALELA COM FIXO LATERAL

## TILT AND SLIDE FRAME WITH LATERAL FIXED FRAME

### PORTE-FENÊTRE OSCILLO-COULISSANTE AVEC FIXE LATÉRAL

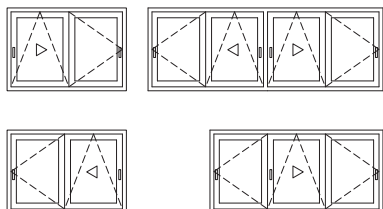


#### EXEMPLOS DE COMBINAÇÕES POSSÍVEIS

POSSIBLE COMBINATIONS | COMBINAISONS POSSIBLES

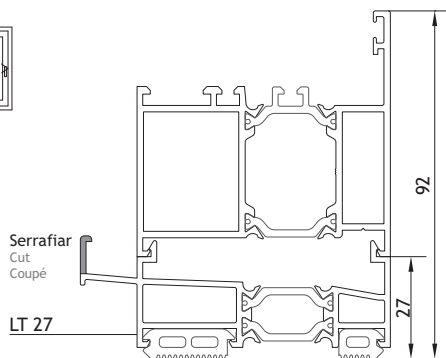
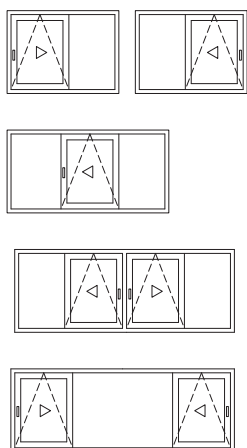
##### PARA VÃOS DE 1+1 FOLHA

FOR 1+1 LEAF FRAMES | POUR CADRES DE 1+1 VANTAIL



##### PARA VÃOS DE 1 FOLHA COM FIXO LATERAL

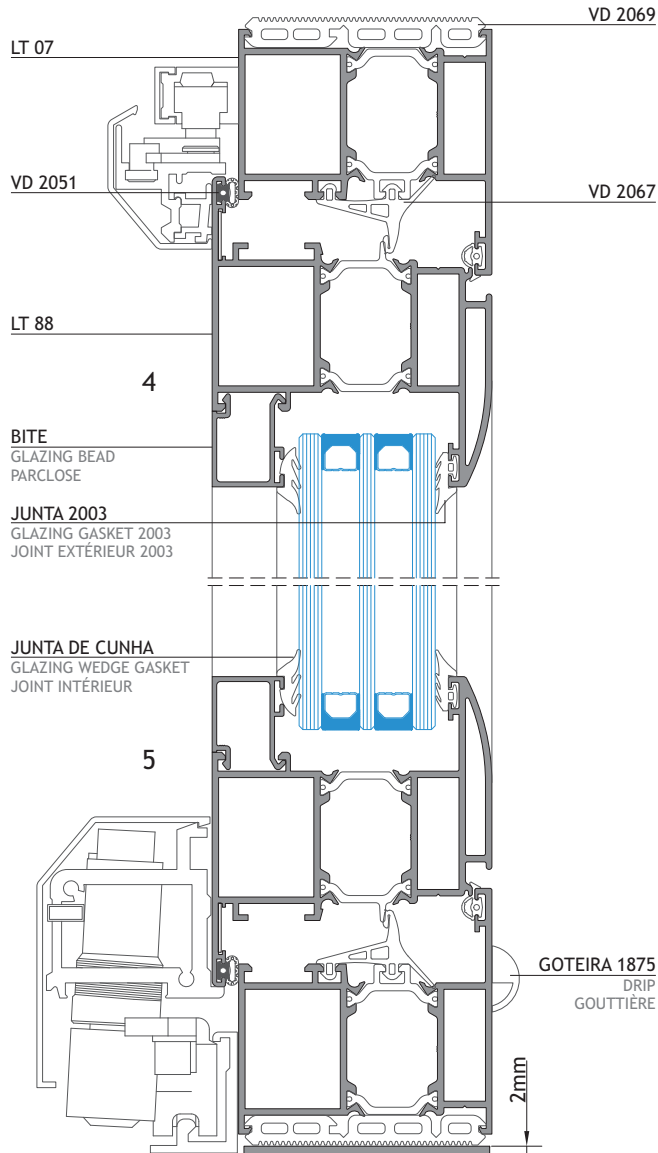
FOR 1 LEAF FRAMES WITH LATERAL FIXED FRAME | POUR CADRE À 1 VANTAIL AVEC FIXE LATÉRAL



Em alternativa, aplicar o perfil LT 27. Neste caso, é necessário serrafiar a aba do perfil conforme indicado.

As an alternative, apply profile LT 27. In this case, it is necessary to cut the profile as indicated.

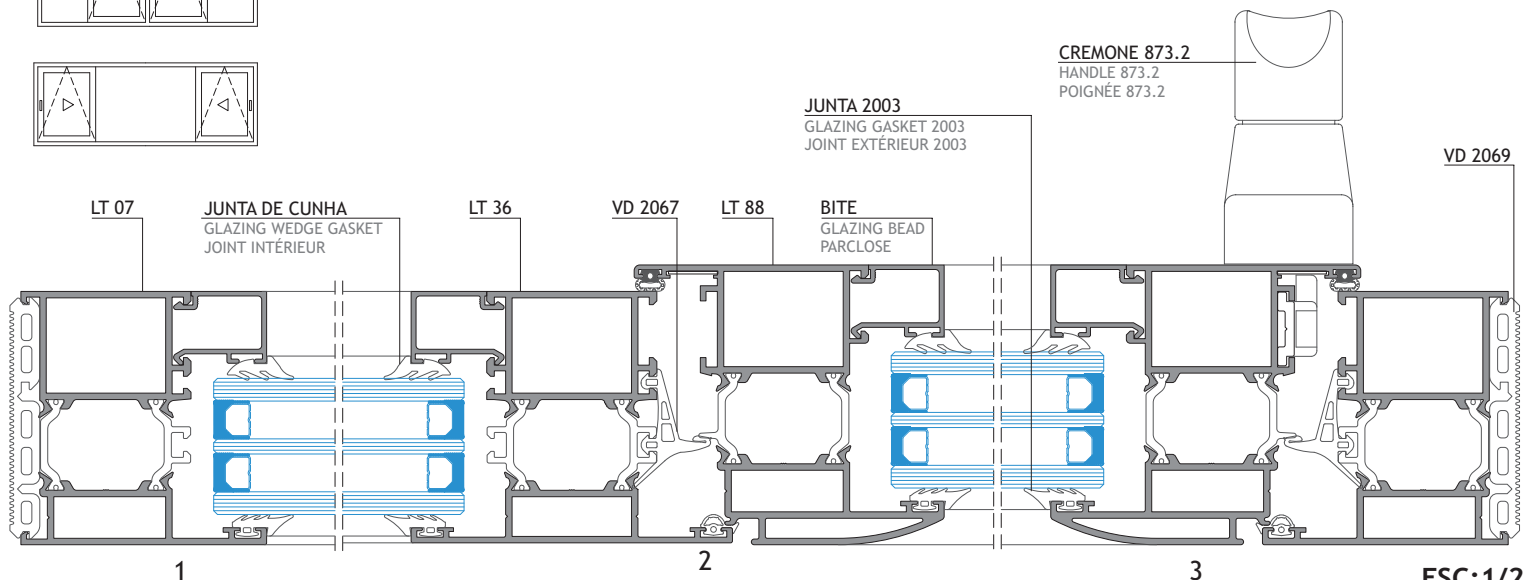
Comme alternative, appliquer le profil LT 27. Ce cas, il est nécessaire coupé le profil comme indiqué.



Para aplicar a ferragem oscilo-paralela é necessário colocar uma espessura de pelo menos 2mm debaixo da Junta 2069, no aro inferior.

Place a thickness of at least 2mm below the Gasket 2069, under the lower frame, to apply the til-and-slide hardware.

Pour appliquer le système oscillo-coulissant est nécessaire de placer une épaisseur d'au moins 2mm au-dessous du Joint 2069, dans le cadre inférieur.



1

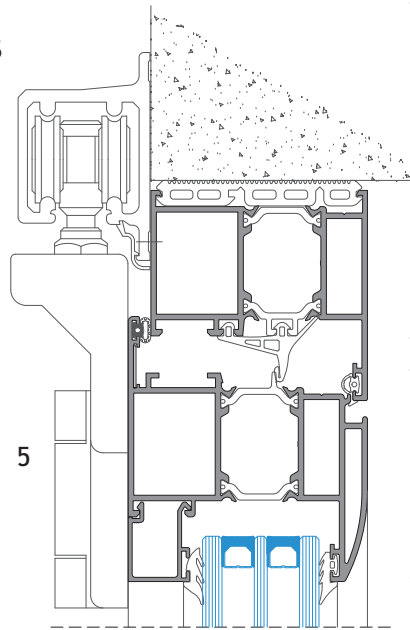
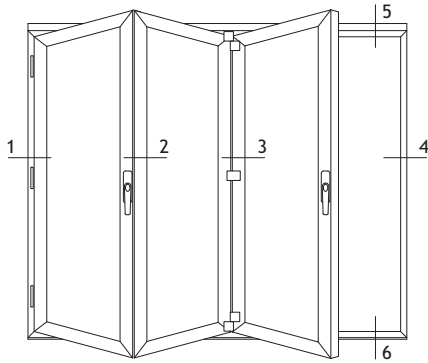
2

3

ESC: 1/2



**PORTA DE HARMÓNIO DE 3 FOLHAS**  
**3 LEAVES FOLDING DOOR**  
**PORTE REPLIABLE 3 VANTAUX**



OPÇÃO Nº2 | OPTION 2 | OPTION 2

VD 2069

LT 07

LT 15

VD 2051

VD 2067

LT 88

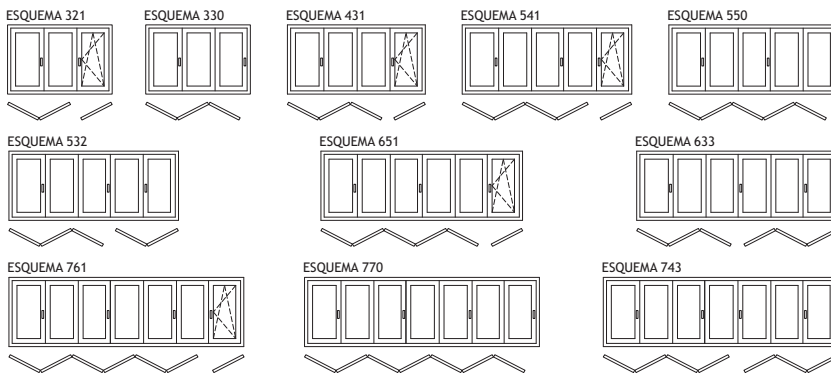
5

BITE  
GLAZING BEAD  
PARCLOSE

6

OPÇÃO Nº1 | OPTION 1 | OPTION 1

EXEMPLOS DE COMBINAÇÕES POSSÍVEIS | POSSIBLE COMBINATIONS | COMBINAISONS POSSIBLES:

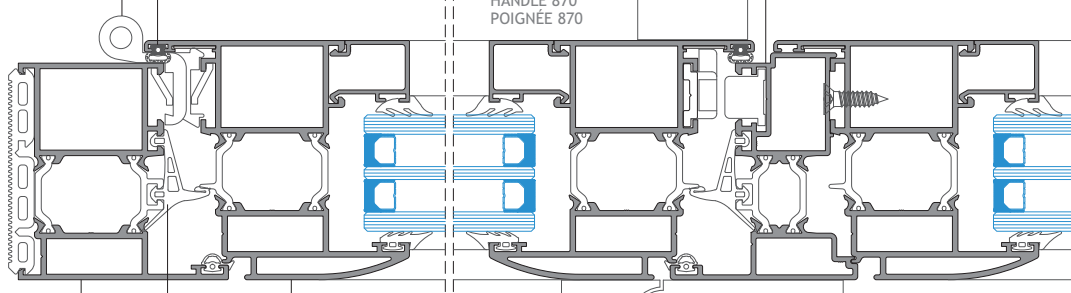


DOBRADIÇA 1121.1  
HINGE  
PAUMELLE

VD 2051

CREMONE 870  
HANDLE 870  
POIGNÉE 870

LT 06



LT 07

VD 2067

LT 88

1

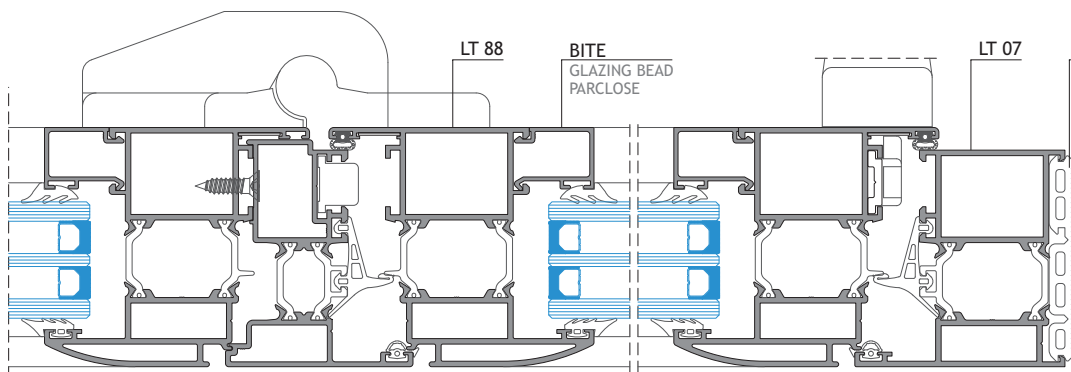
2

LT 88

BITE  
GLAZING BEAD  
PARCLOSE

LT 07

VD 2069



3

4

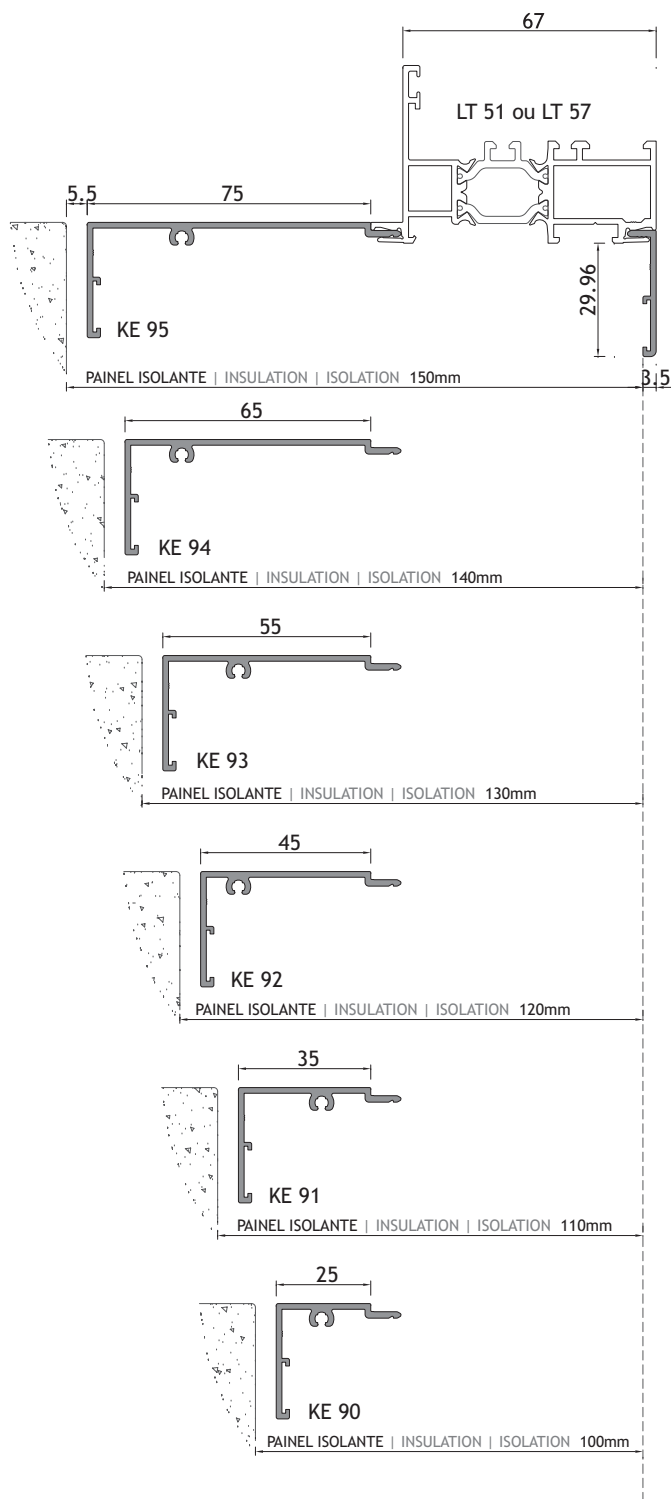




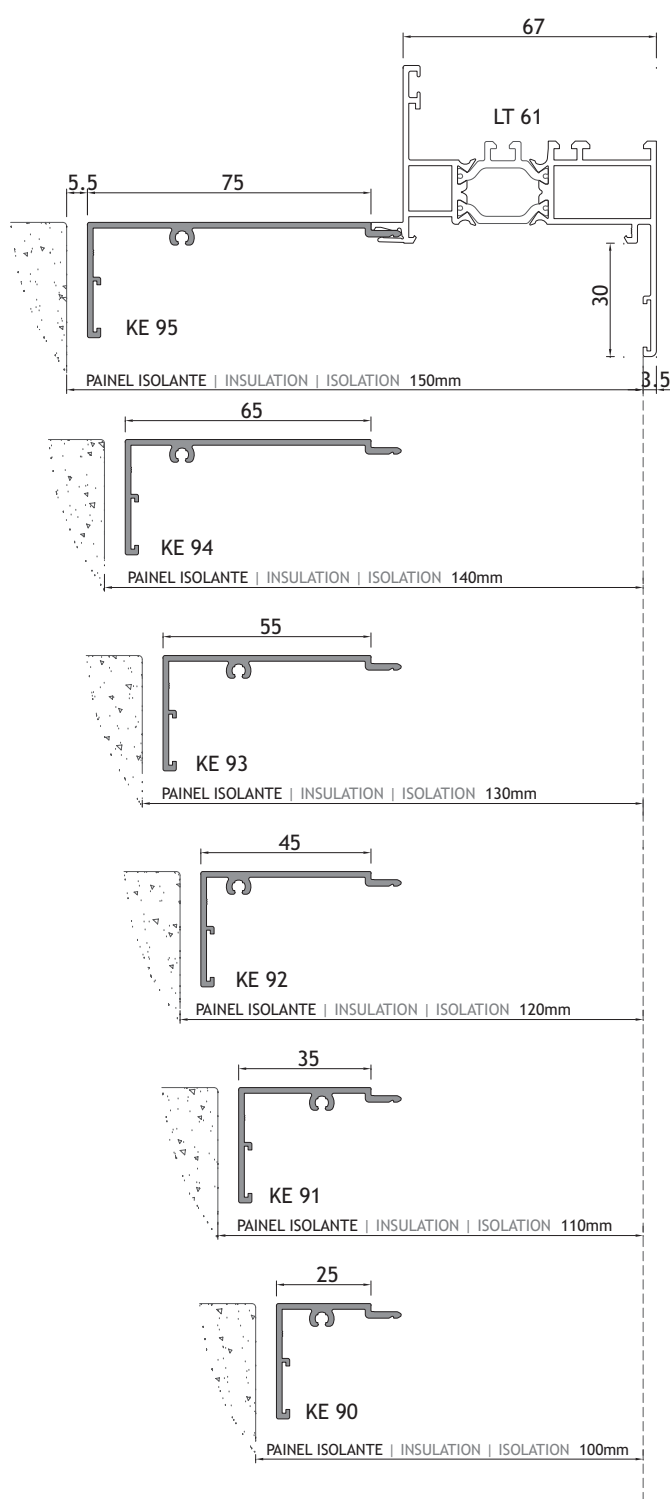
**LINHA RENOVATIO**

LINE RENOVATIO

LIGNE RENOVATIO



- KE 60
- KE 61
- KE 62
- KE 63
- KE 64
- KE 65
- KE 66
- KE 67



**LINHA RENOVATIO - PAINEL DE 120mm**

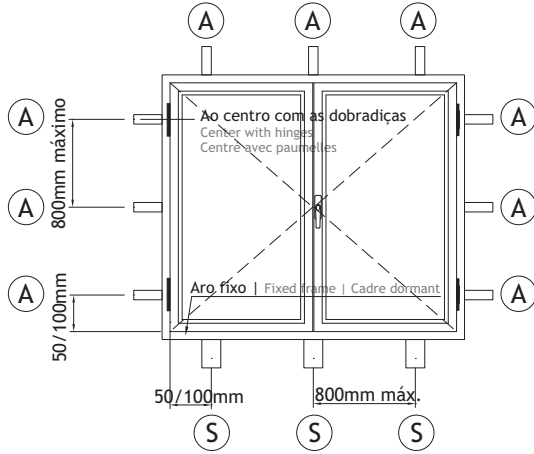
LINE RENOVATIO - 120mm PANEL

LIGNE RENOVATION - PANNEAU DE 120mm

Peso máximo de vidro permitido: 35Kg/m<sup>2</sup>

Maximum glass weight allowed: 35Kg/m<sup>2</sup>

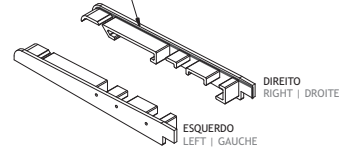
Poids maximum de verre autorisé: 35Kg/m<sup>2</sup>



**A** ÂNGULO FIXAÇÃO 100 ou 120mm  
FIXING ANGLE 100 or 120mm  
ANGLE DE FIXATION 100 ou 120mm

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

APLICAR SILICONE NEUTRO  
APPLY NEUTRAL SILICONE  
APPLIQUER SILICONE NEUTRE

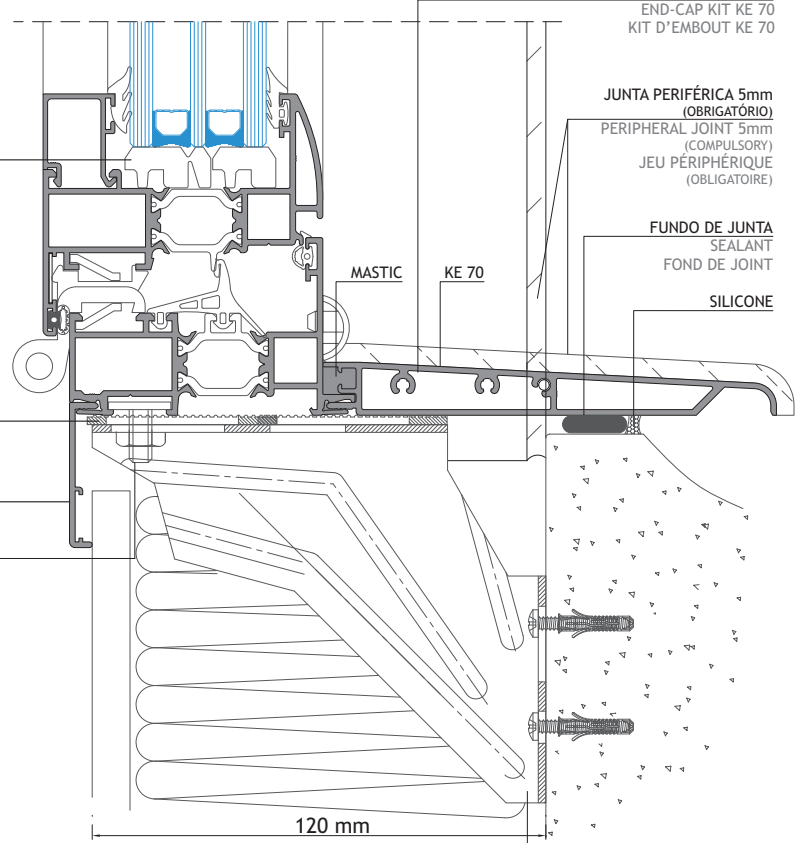


CONJUNTO TAPA TOPOS KE 70  
END-CAP KIT KE 70  
KIT D'EMBOUT KE 70

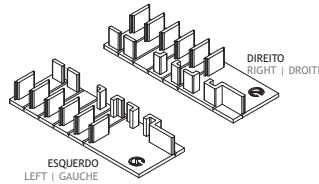
CALÇO EURO 2000  
SHIM  
CALE

CALÇO SEPARADOR  
SHIM  
CALE

PRESILHA M6x17mm  
CLAMP M6x17mm  
CLAMEAUX M6x17mm



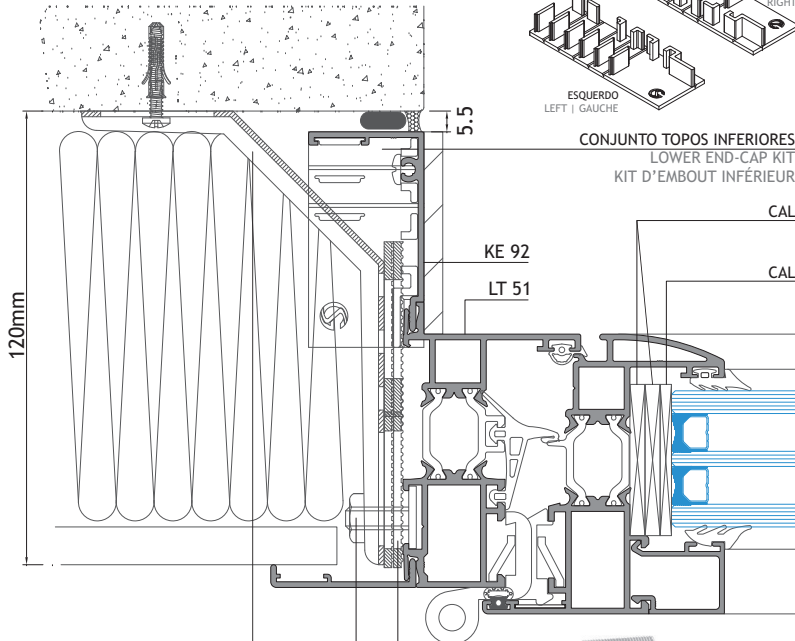
**S** SUPORTE DE FIXAÇÃO 120mm  
FIXING BRACKET 120mm  
SUPPORT DE FIXATION 120mm



CONJUNTO TOPOS INFERIORES RENOVATIO  
LOWER END-CAP KIT RENOVATIO  
KIT D'EMBOUT INFÉRIEUR RENOVATIO

CALÇO 79x40x4  
SHIM  
CALE

CALÇO 79x40x2  
SHIM  
CALE



CALÇO SEPARADOR  
SHIM  
CALE

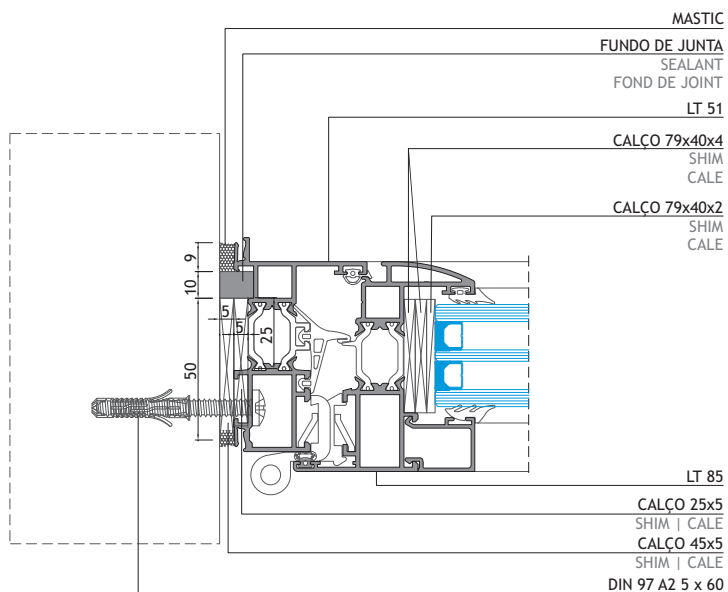
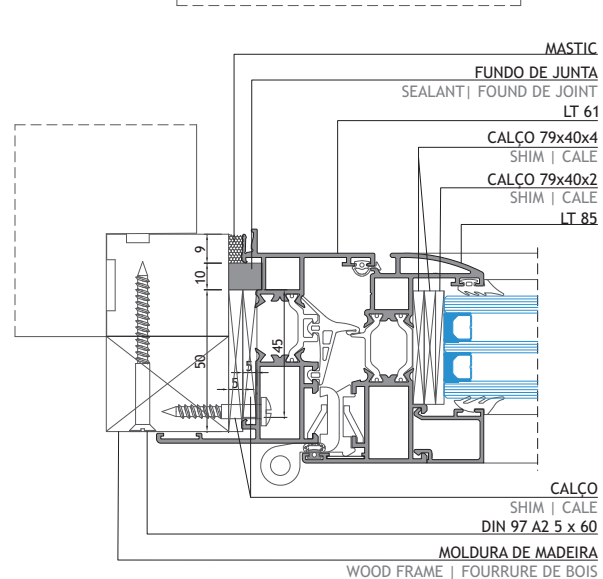
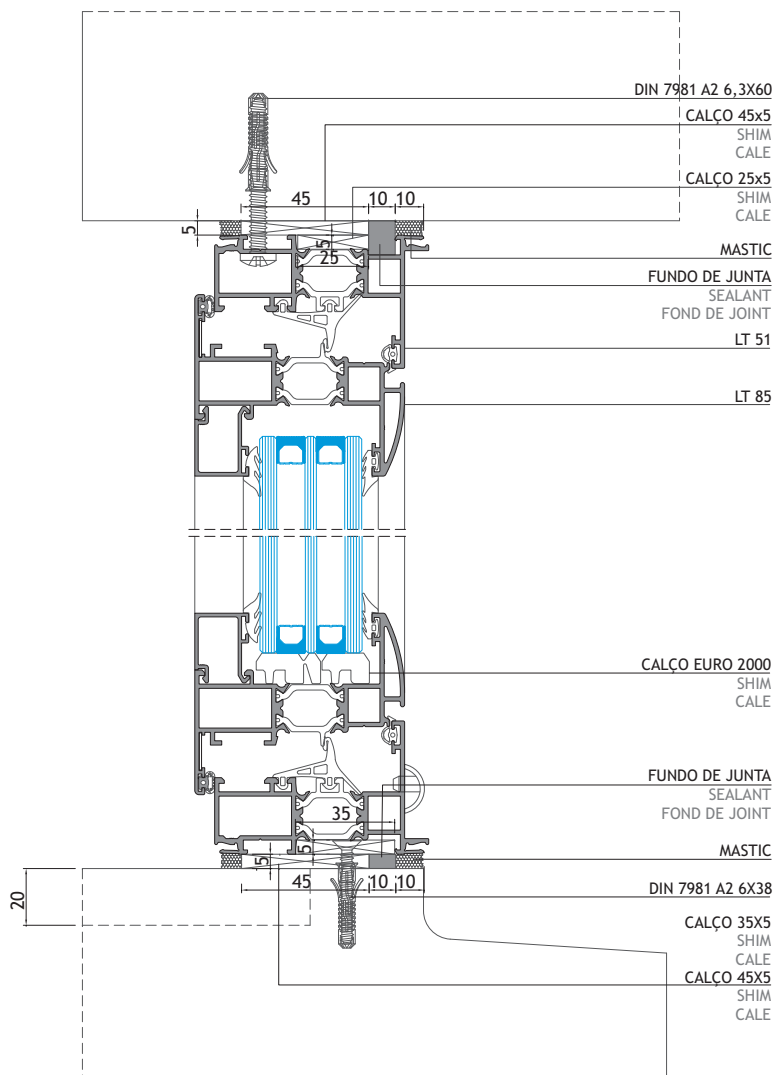
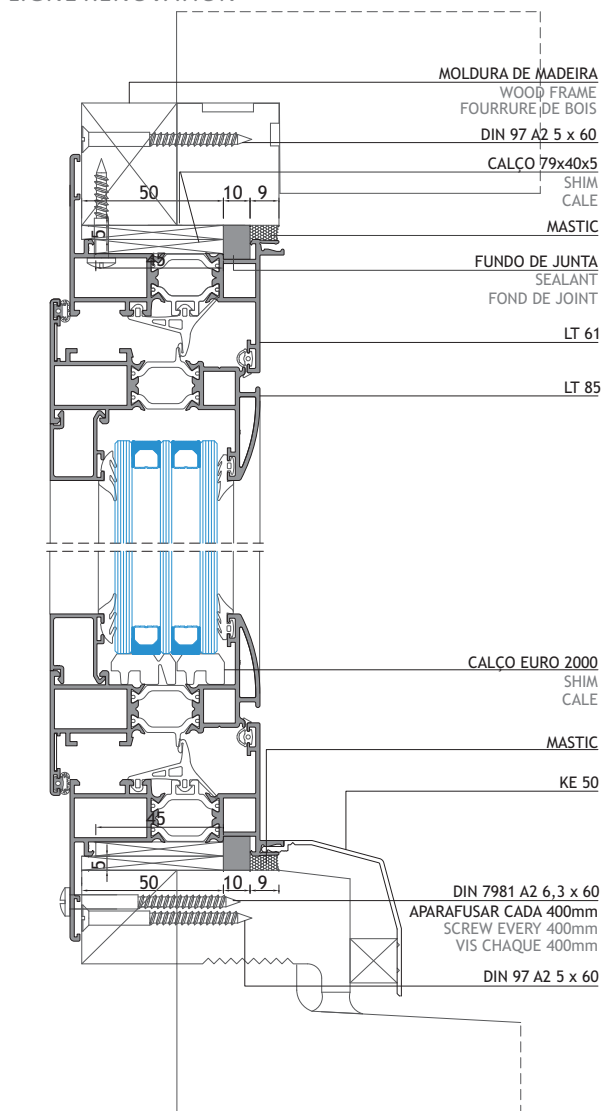
PRESILHA M6x17mm  
CLAMP M6x17mm  
CLAMEAUX M6x17mm

**A** ÂNGULO FIXAÇÃO 120mm  
FIXING ANGLE 120mm  
ANGLE DE FIXATION 120mm

**LINHA RENOVATIO**

LINE RENOVIATIO

LIGNE RENOVATION



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