



sistema de batente de 45mm com corte térmico

45mm opening system with thermal break

système d'ouvrant de 45mm à rupture de pont thermique



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



## Características do Sistema

### System features

### Caractéristiques du système

Sistema de corte térmico projetado para combater as amplitudes térmicas existentes no território nacional. O sistema AT proporciona elevados benefícios com reduzido investimento.

Thermal break system designed to overcome thermal amplitudes on national ground. This system provides high benefits from reduced investment.

Système avec rupture de pont thermique conçu pour combattre contre les variations de températures sur le territoire national. Ce système offre des hautes prestations avec faible investissement.



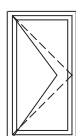
<b>Apresentação:</b>	<b>Reta   Redonda   Decorativa   Oculta</b>
Presentation	Straight   Round   Decorative   Concealed
Présentation	Droite   Arrondie   Décorative   Caché
<b>Dimensões:</b>	<b>Aro Fixo: 45mm   52mm   59mm   70mm   77mm</b>
Dimensions	Fixed frame: 45mm   52mm   59mm   70mm   77mm
Dimension	Cadre dormant: 45mm   52mm   59mm   70mm   77mm
	<b>Aro Móvel: 45mm   52mm</b>
	Mobile frame: 45mm   52mm
	Cadre ouvrant: 45mm   52mm
<b>Bites:</b>	<b>Retos ou Redondos</b>
Glazing beads	Straight or Round
Parcloses	Droite ou Arrondie
<b>Enchimento:</b>	<b>De 4 a 39mm</b>
Filling	From 4 to 39mm
Remplissage	De 4 à 39mm
<b>Cortes:</b>	<b>45°   90°</b>
Cuts	
Coupes	
<b>Vedação:</b>	<b>Junta em EPDM</b>
Insulation	EPDM joints
Étanchéité	Joint EPDM
<b>Poliamida:</b>	<b>15 mm</b>
Polyamide	
Barretes	
<b>Uniões:</b>	<b>Esquadros de bloqueio de 14mm ou 32mm</b>
Joint	14mm or 32mm blocking brackets
Union	Équerres de verrouillage de 14mm ou 32mm
<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>Basculante - 70 Kg/folha   leaf   vantail</b>
	Hopper   à soufflet
	<b>Pivotante Horizontal - 80 Kg/folha   leaf   vantail</b>
	Center pivot horizontal   Basculante
	<b>Pivotante Vertical - 60 Kg/folha   leaf   vantail</b>
	Center pivot hvertical   Pivotante
	<b>Harmónio - 80 Kg/folha   leaf   vantail</b>
	Fold   Repliable
<b>Acabamentos:</b>	<b>Lacados   Anodizados   Bicolores</b>
Finishes	Powder coating   Anodizing   Bicolour
Finitions	Laqué   Anodisé   Bicolore



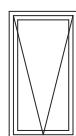
Licença nº. 1406 - Metalfer  
Licença nº. 1411 - Alfa Sul



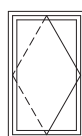
Licença nº. 809



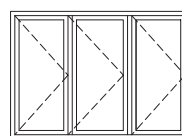
Batente int|ext 1|2 folhas  
casement in|out 1|2 leaves  
française int|ext 1|2 vantaux



Projetante  
awning  
à l'italienne



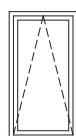
Pivotante vertical  
center pivot vert.  
pivotante



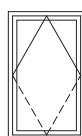
Harmónio 3|4|5|6|7 folhas  
fold 3|4|5|6|7 leaves  
repliable 3|4|5|6|7 vantaux



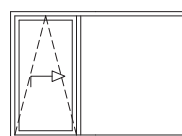
Oscilo-batente 1|2 folhas  
tilt and turn 1|2 leaves  
oscillo-battant 1|2 vantaux



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

## Desempenho do sistema

System performance

Performance du système

## Marcação CE

CE Marking

Marquage CE

NP EN 14351-1

Janela de 2 folhas com 1.60x1.40m

Vidro : 8 + 12 + 6

2 leaves window 1.60 x 1.40m

Glass: 8 + 12 + 6

Fenêtre 2 vantaux 1.60 x 1.40m

Verre: 8 + 12 + 6

Janela 2 folhas com 2.60x2.40m

Vidro : 8 + 18 + 6

2 leaves window 2.60 x 2.40m

Glass: 8 + 18 + 6

Fenêtre 2 vantaux 2.60m x 2.40m

Verre: 8 + 18 + 6

## Permeabilidade ao AR

AIR Permeability

Perméabilité à l'AIR

4

4

## Estanquidade à ÁGUA

WATER Tightness

Étanchéité à l'EAU

E750

9A

## Resistência ao VENTO

WIND Resistance

Résistance au VENT

C5

B2

## Coef. Transm. TÉRMICA

THERMAL Transmittance

Coef. de Transmission THERMIQUE

**Uw = 1,86 W/m² K**

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

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

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

## Isolamento ACÚSTICO

ACOUSTIC Insulation

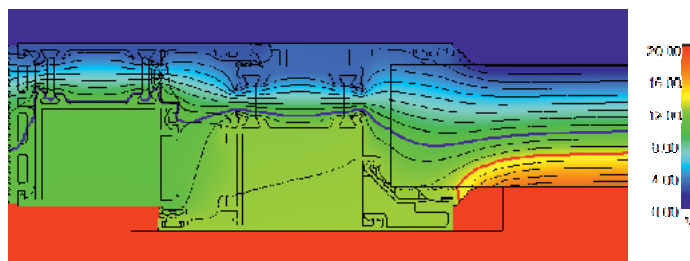
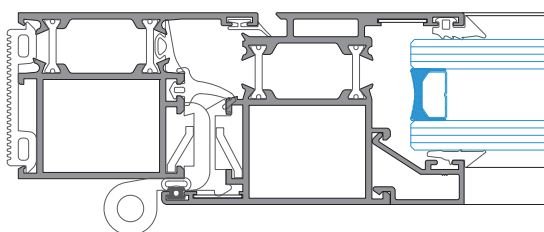
Isolation ACOUSTIQUE

**Rw (dB)= 36dB**

Rw (IGU) = 36dB, área ≤ 2,70m²

Rw (IGU) = 36dB, area ≤ 2,70m²

Rw (IGU)=36dB, aire ≤ 2,70m²







5

## Listagem de perfis

Profiles list

Liste des profils

25

## Acessórios

Accessories

Accessoires

47

## Pormenores de montagem

Assembly details

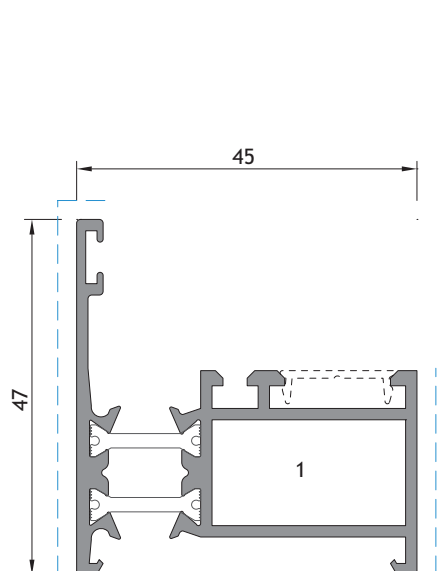
Détails d'assemblage



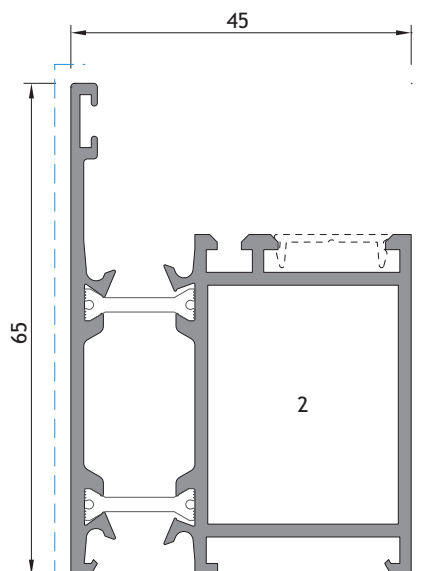
# Listagem de perfis

Profiles list

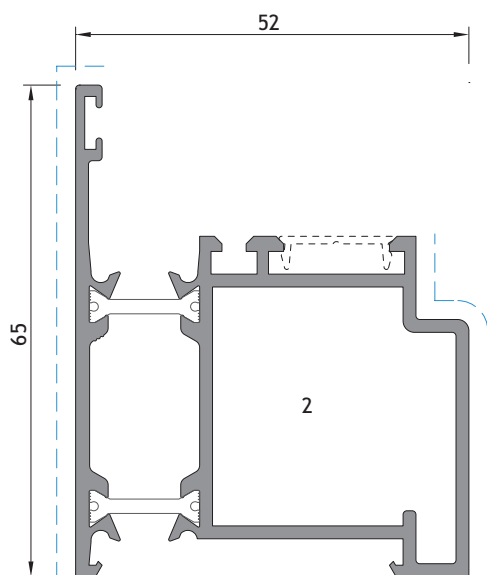
Liste des profils



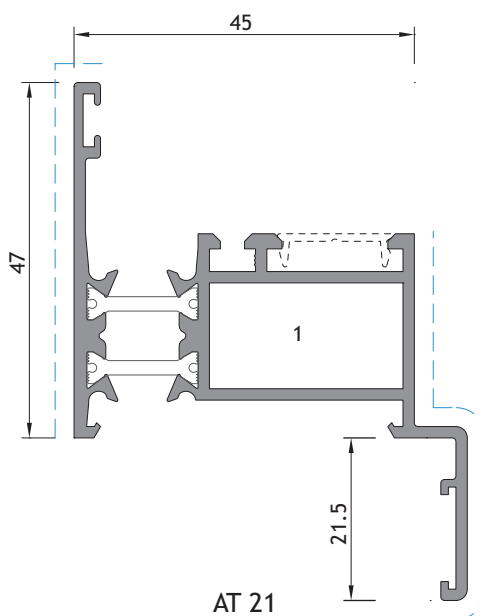
AT 01



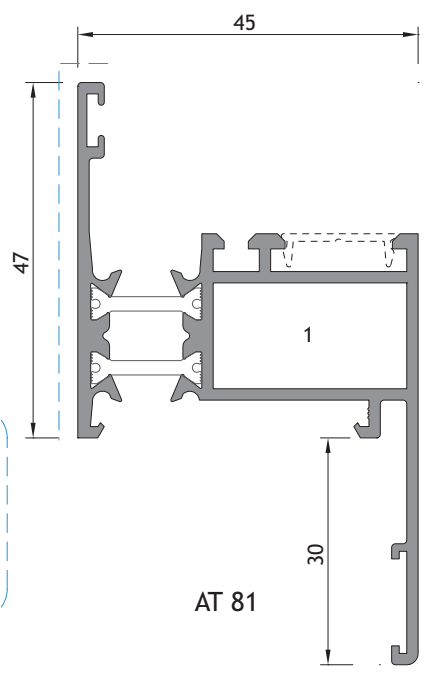
AT 07



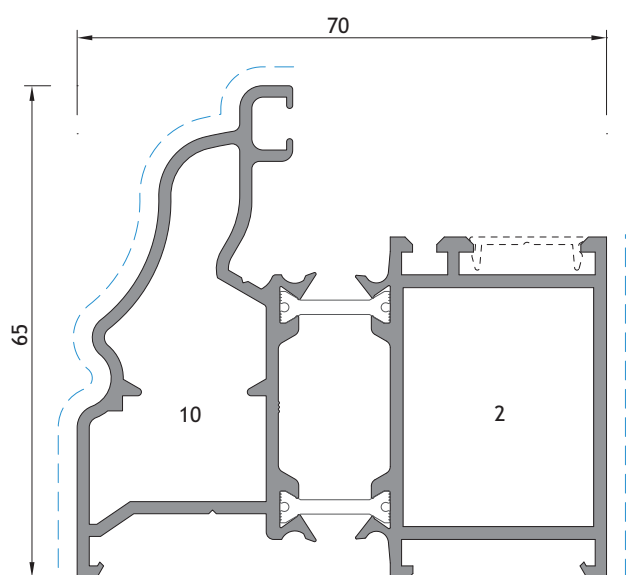
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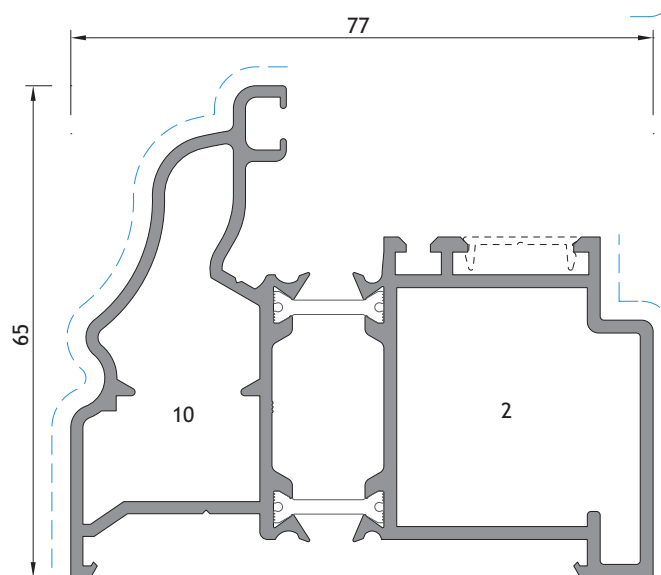
AT 21



AT 81



DT 07



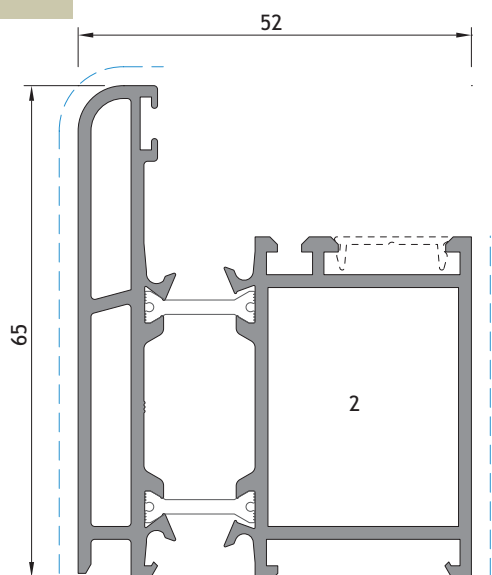
DT 68



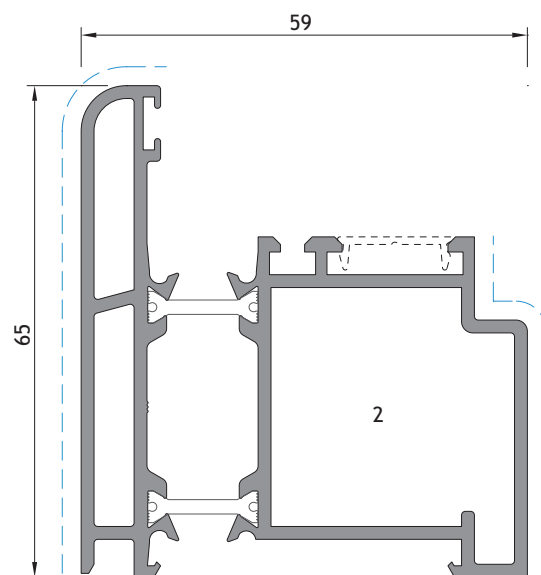
1 - ESQUADRO AT ESPECIAL PEQUENO  
4 - ESQUADRO SA 35 CORTADO PEQUENO  
7 - ESQUADRO 26-2537-140  
10 - ESQUADRO 18-1914-70

2 - ESQUADRO AT ESPECIAL GRANDE  
5 - ESQUADRO TL38 PEQUENO  
8 - CANTO CR 0182+PINOS GRANDES  
11 - UNIÃO TRAVESSA SA2001P

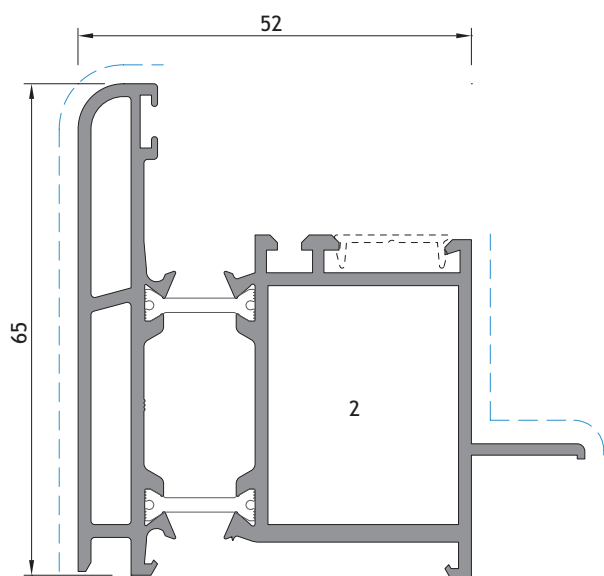
3 - ESQUADRO AT 2109 ESPECIAL GRANDE  
6 - ESQUADRO 18-1414-C  
9 - ESQUADRO 1108  
12 - UNIÃO TRAVESSA SA2001G



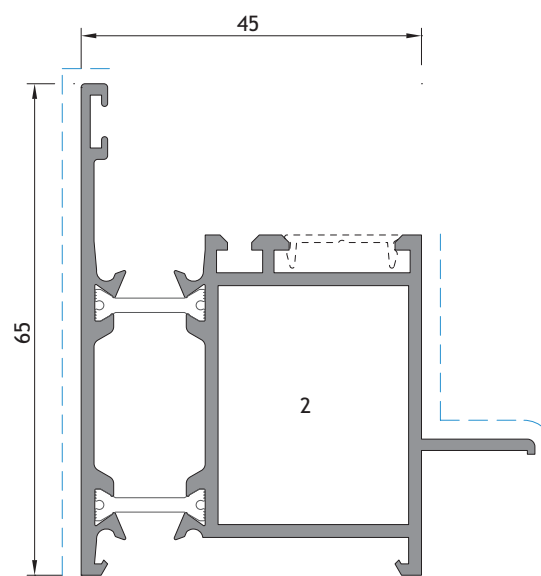
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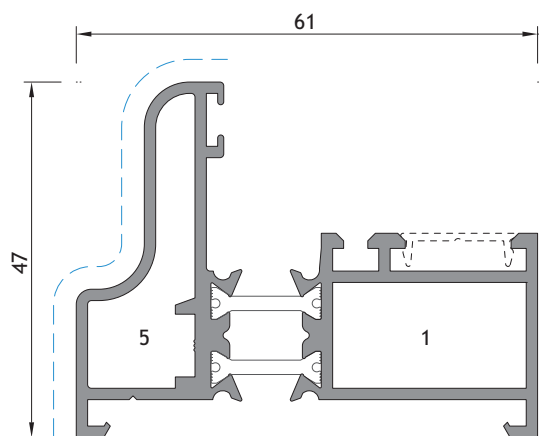
AT 58



AT 62



AT 42

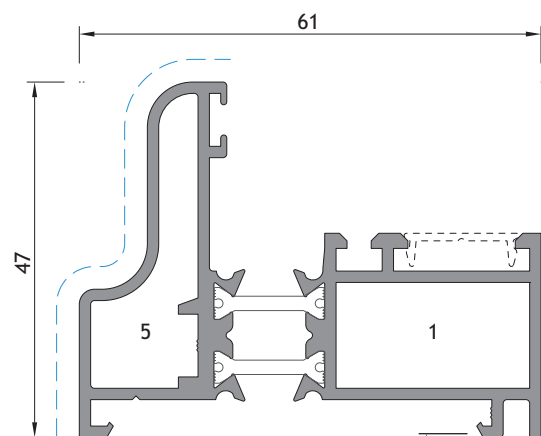


TL 38

(ARO FIXO ou PERFIL DE LIGAÇÃO AOS SISTEMAS TL ou PL)

(FIXED FRAME or CONNECTION PROFILE TO TL or PL SYSTEMS)

(CADRE DORMANT ou PROFIL DE CONNEXION AUX SYSTÈMES TL ou PL)



AT 38

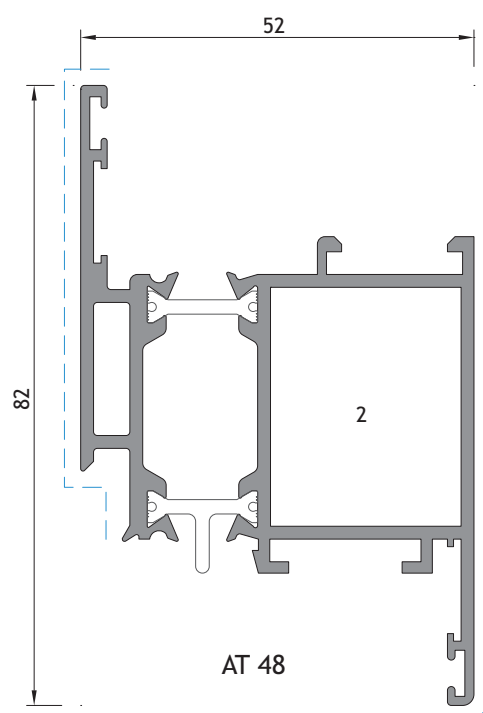
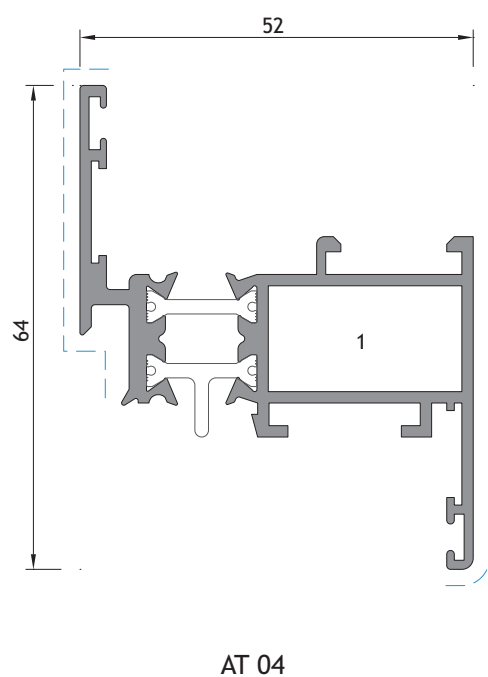
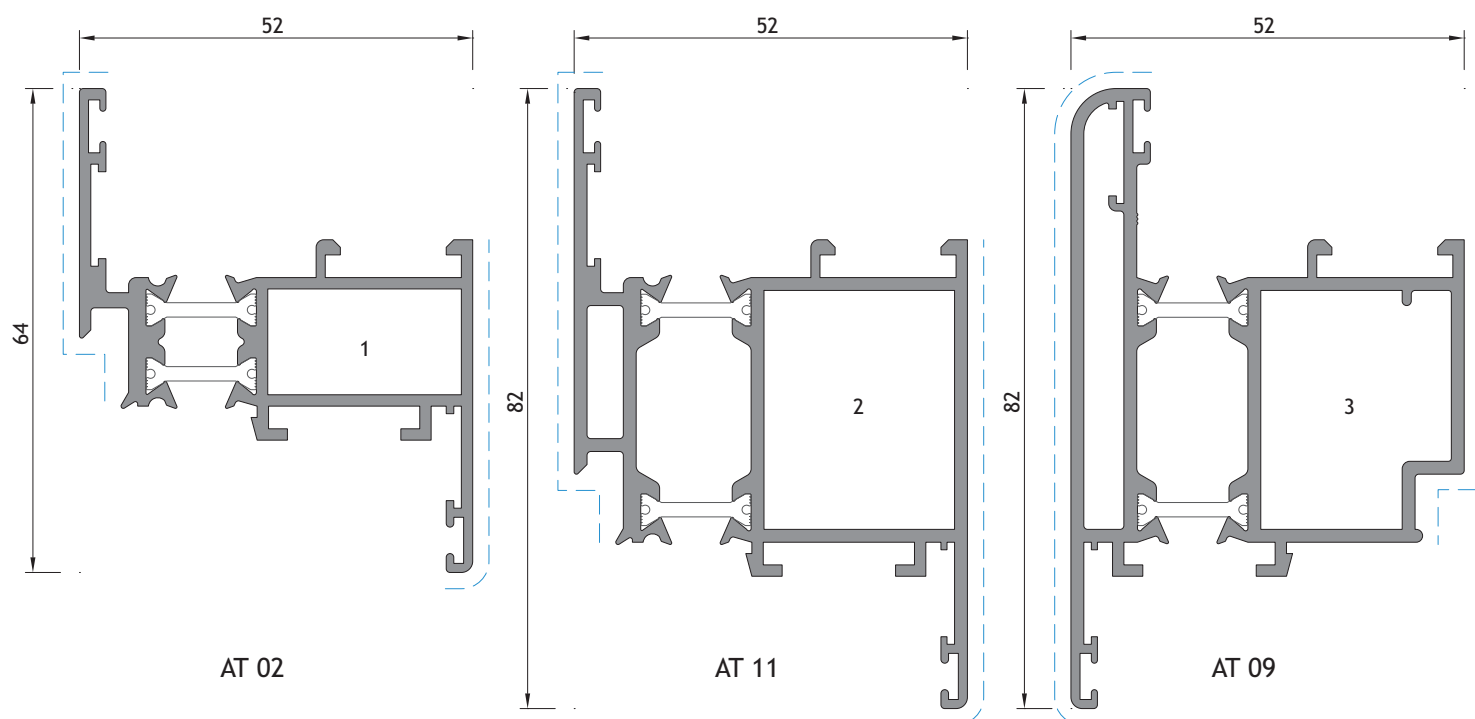
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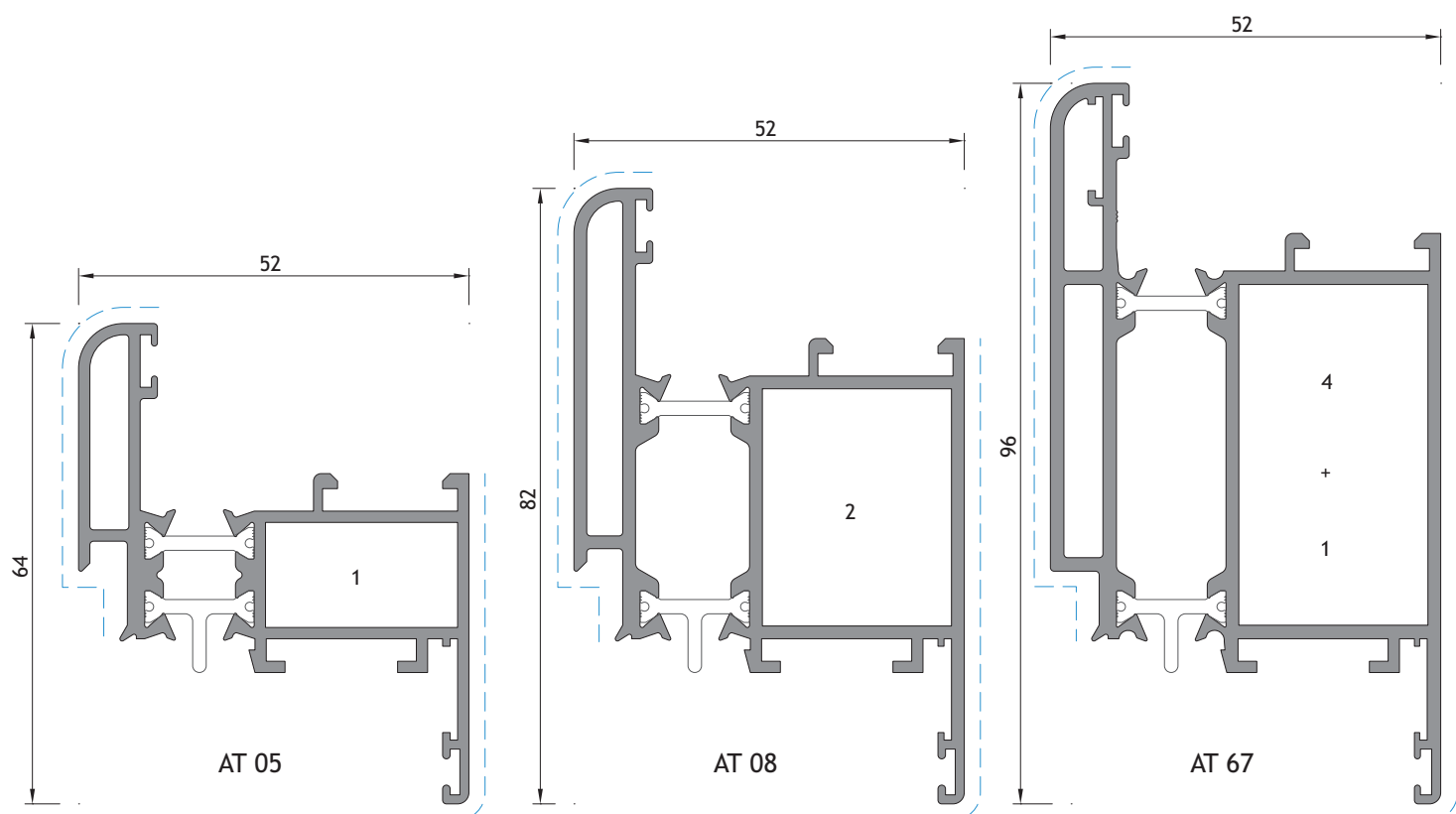
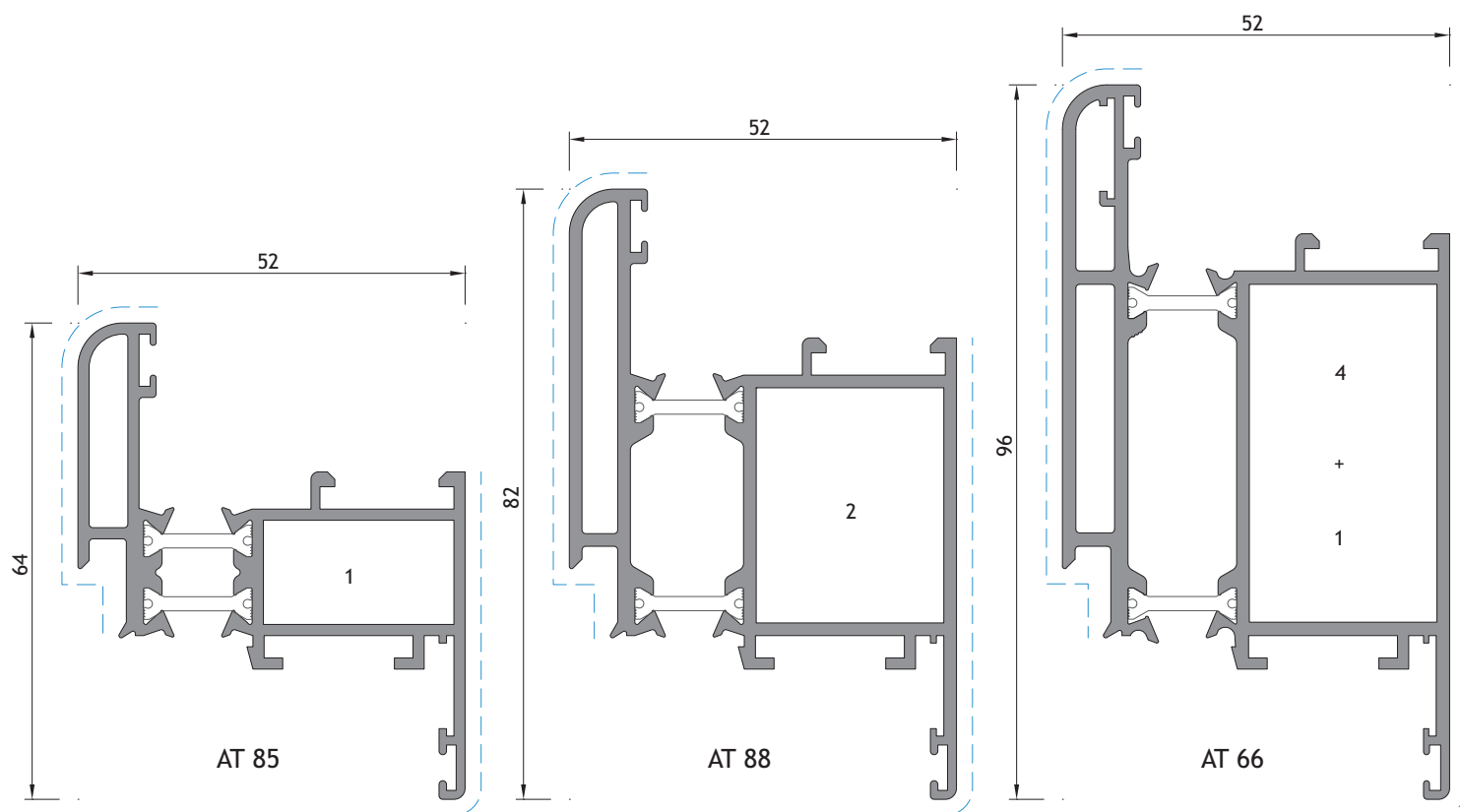
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- 11 - UNIÃO TRAVESSA SA2001P

- 3 - ESQUADRO AT 2109 ESPECIAL GRANDE
- 6 - ESQUADRO 18-1414-C
- 9 - ESQUADRO 1108
- 12 - UNIÃO TRAVESSA SA2001G



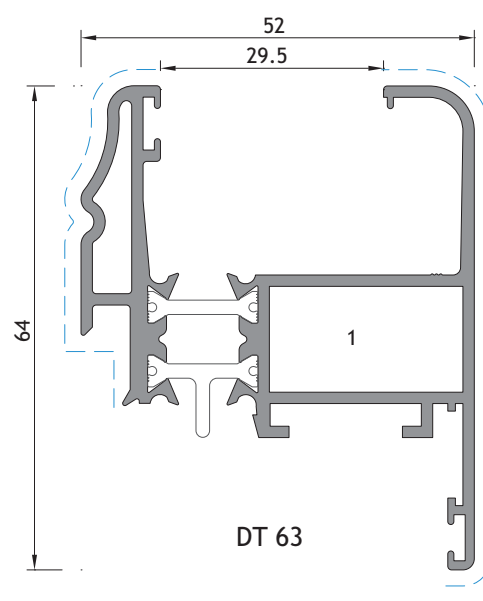
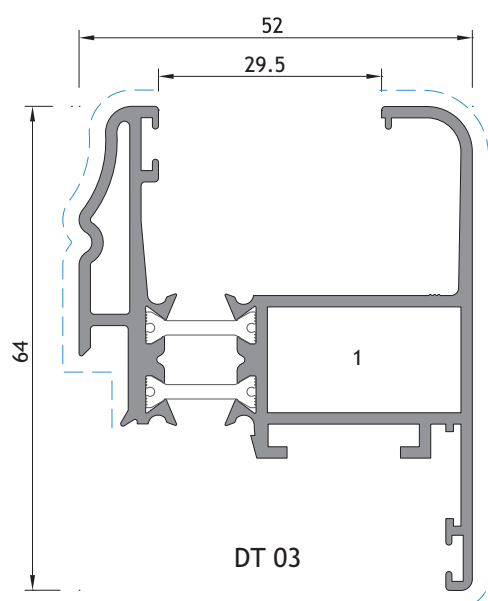
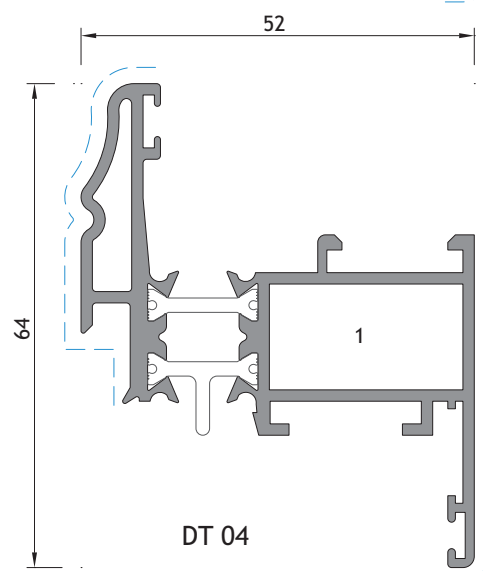
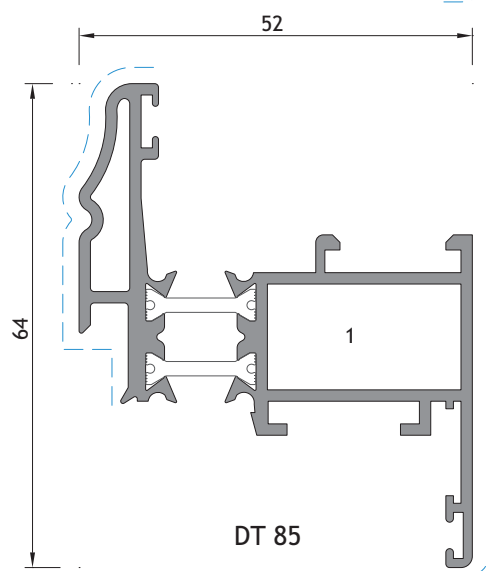
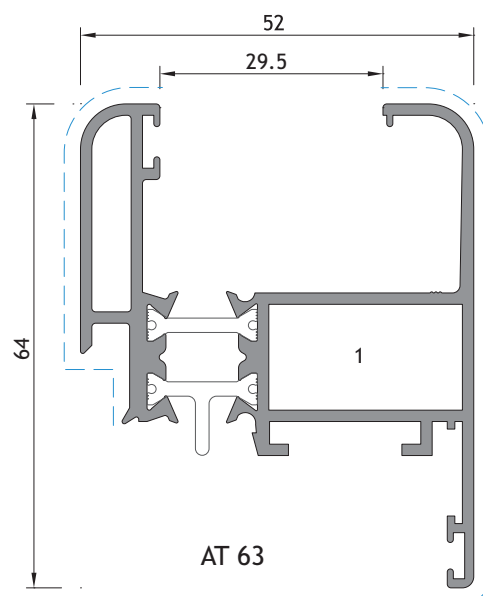
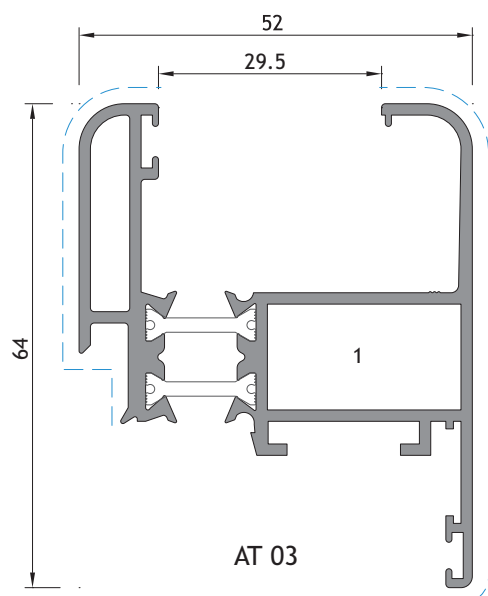


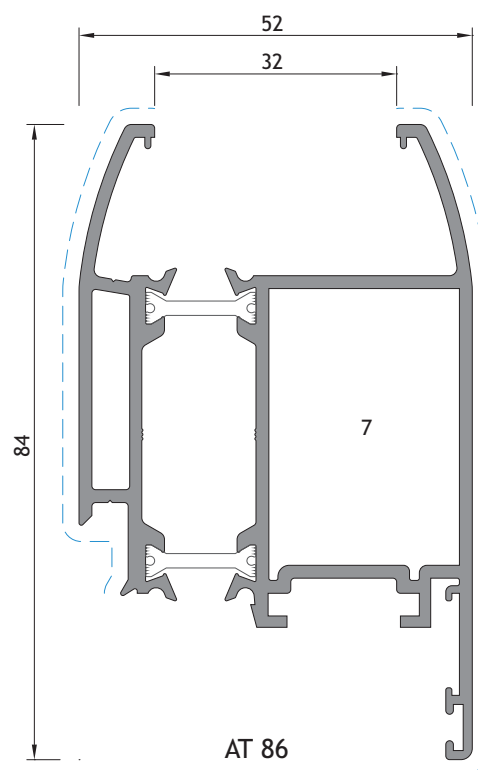
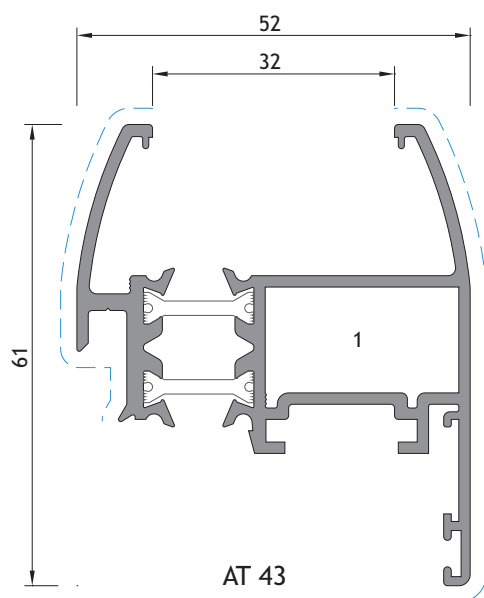
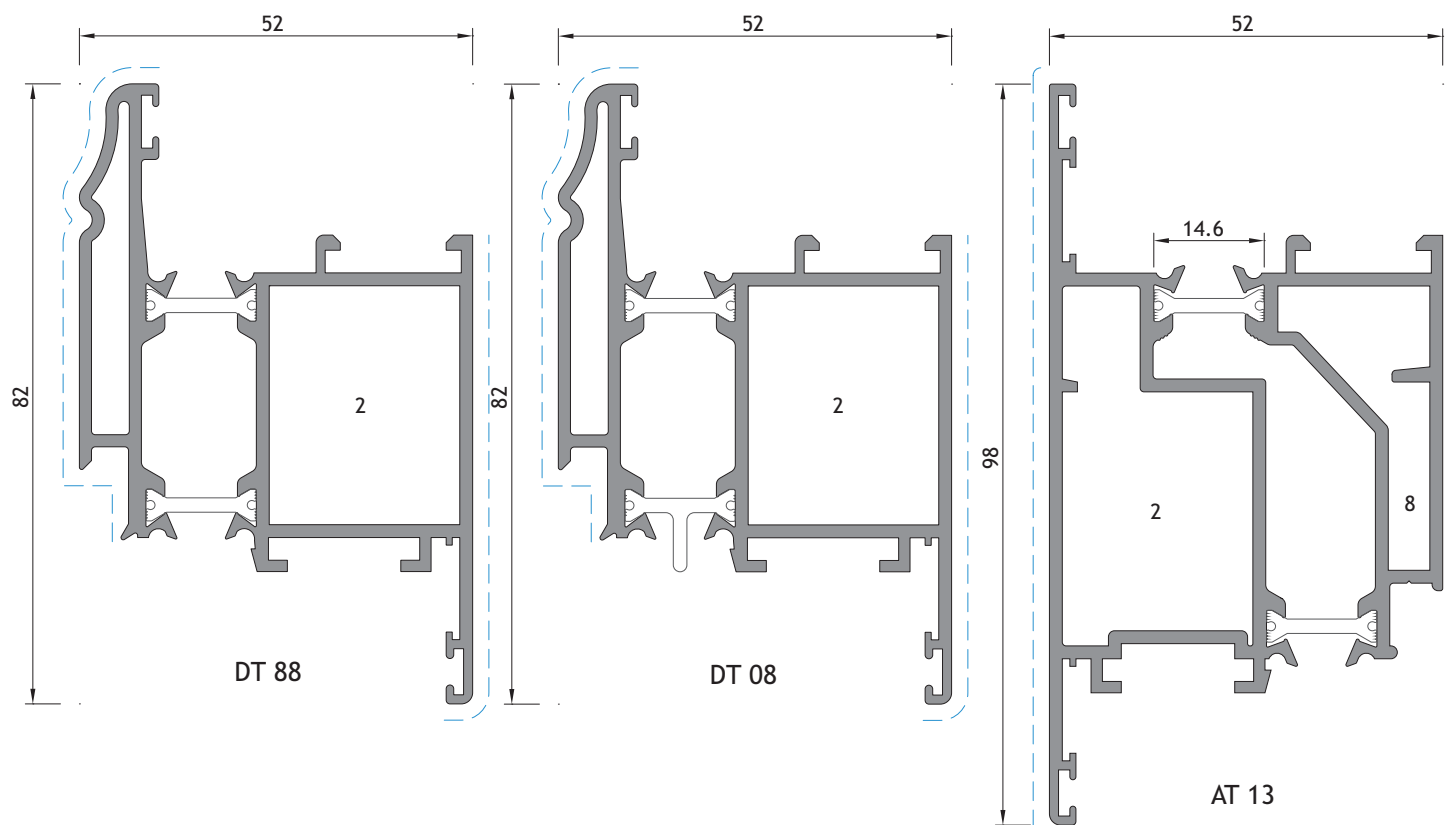


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9 - ESQUADRO 1108  
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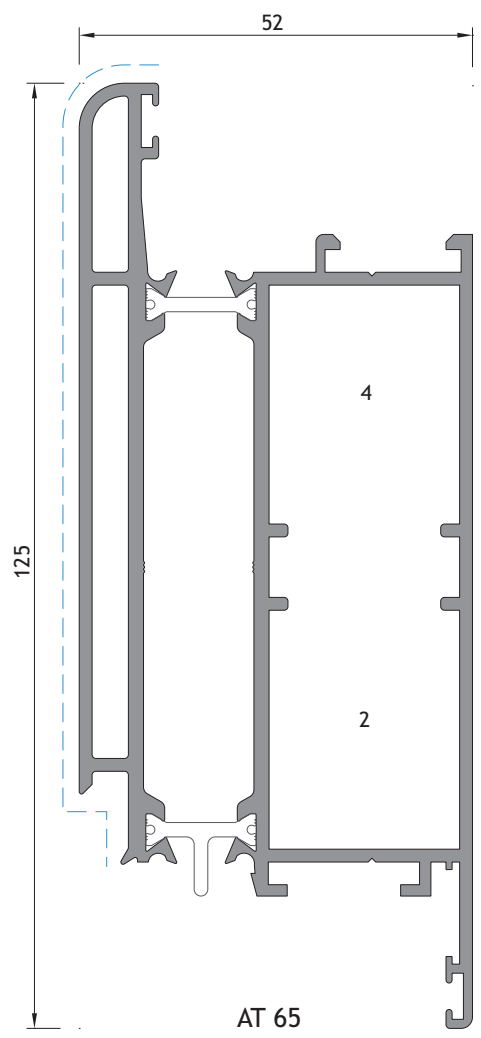
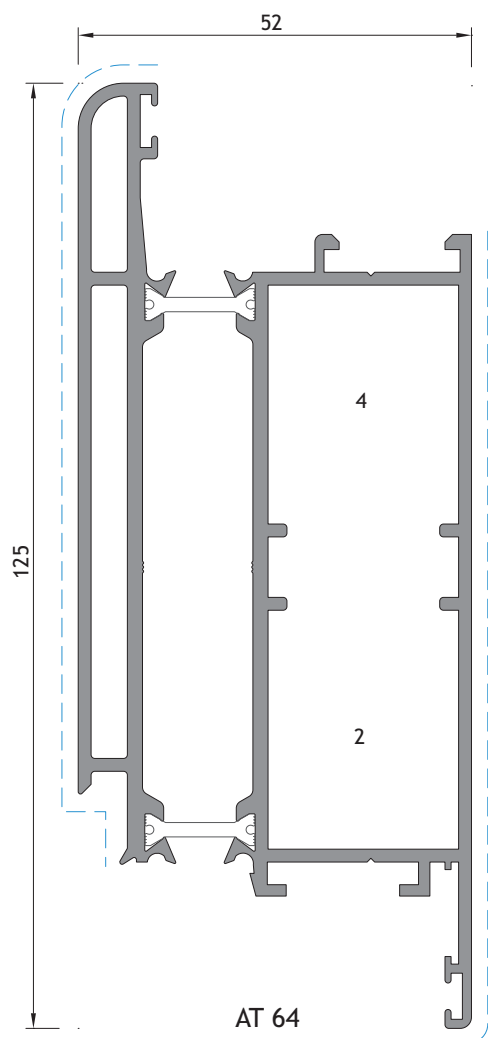


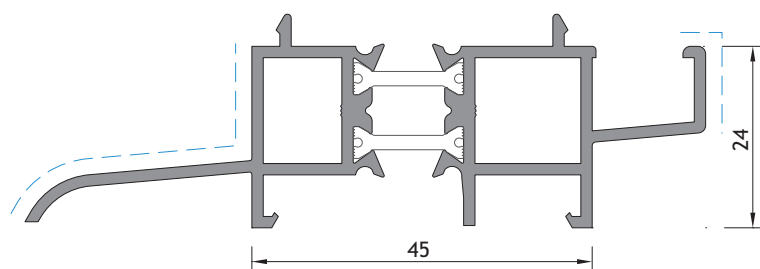
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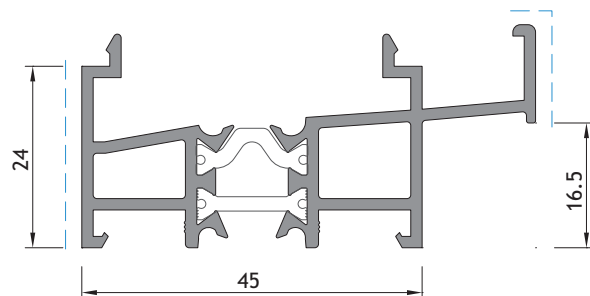
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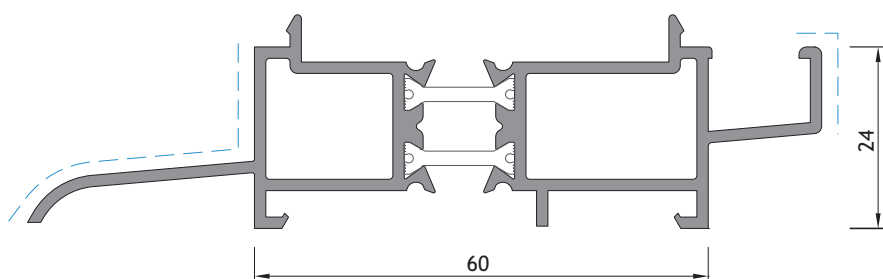




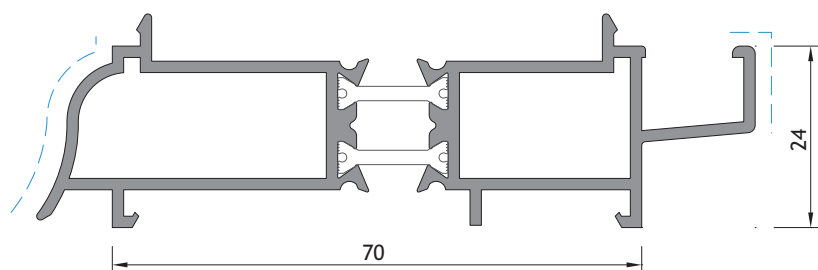
AT 26



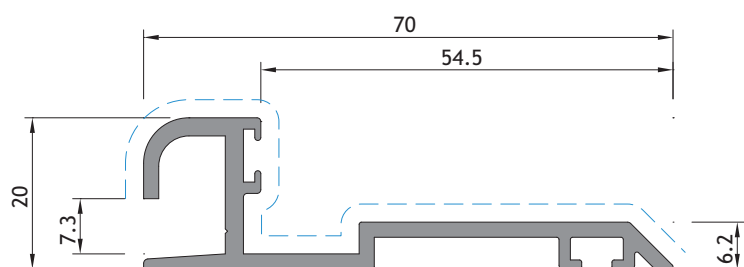
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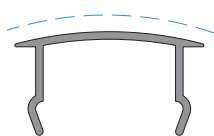
TL 76  
(PARA O PERFIL TL 38)  
(FOR TL 38 PROFILE)  
(POUR PROFIL TL 38)



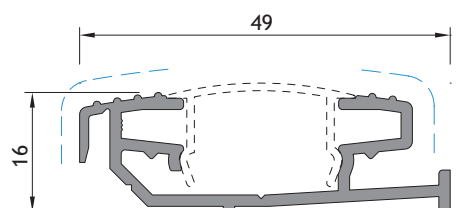
DT 26



AT 49

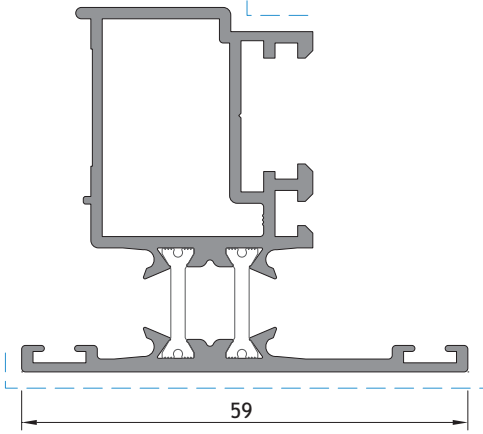


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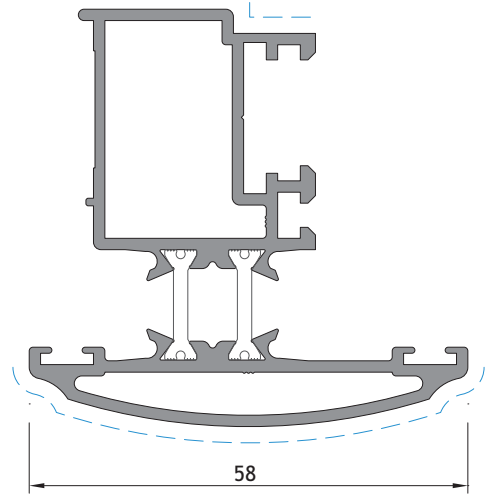


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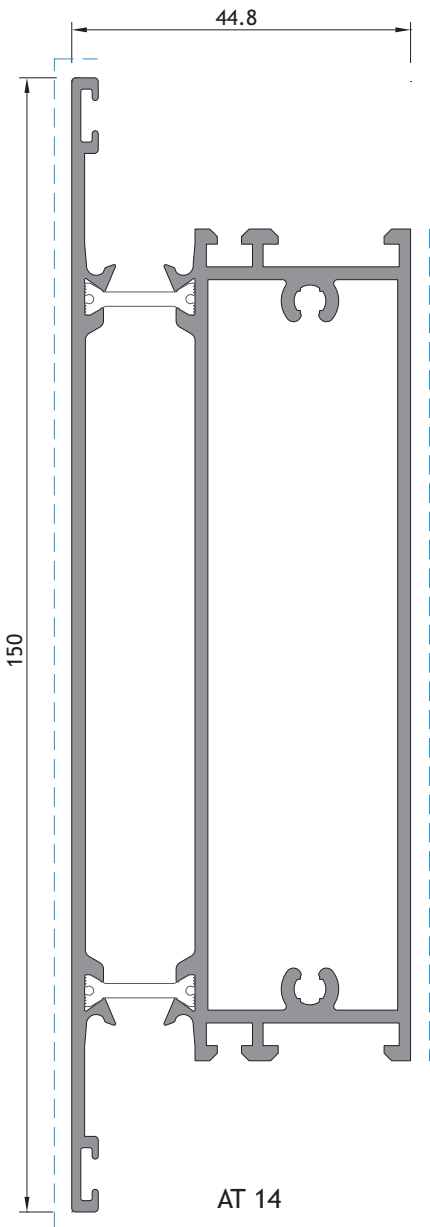




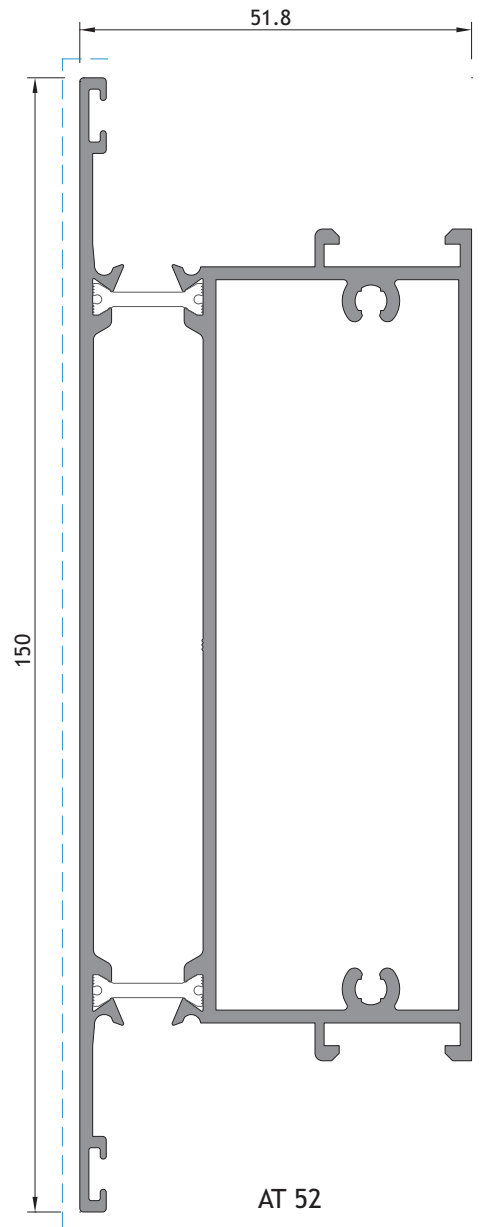
AT 06



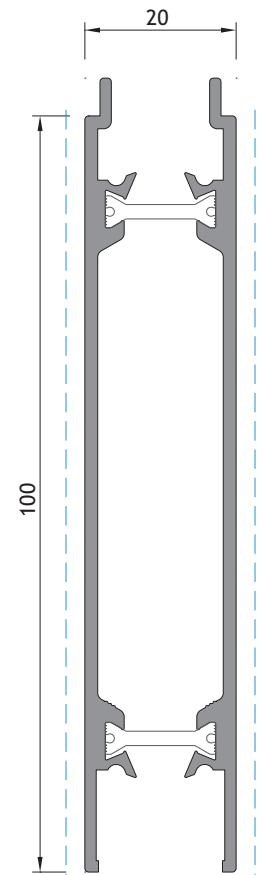
DT 06



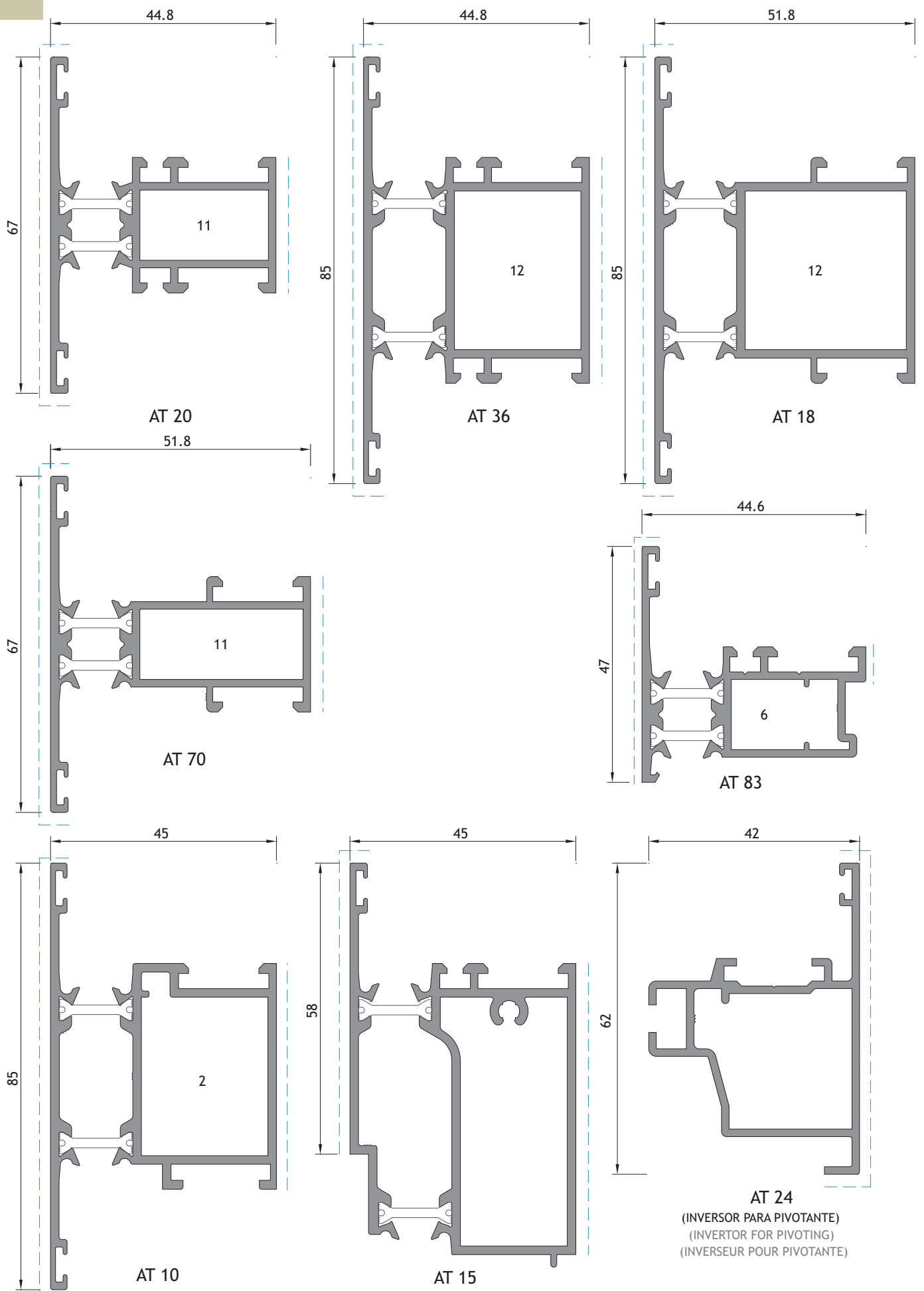
AT 14



AT 52



AT 16

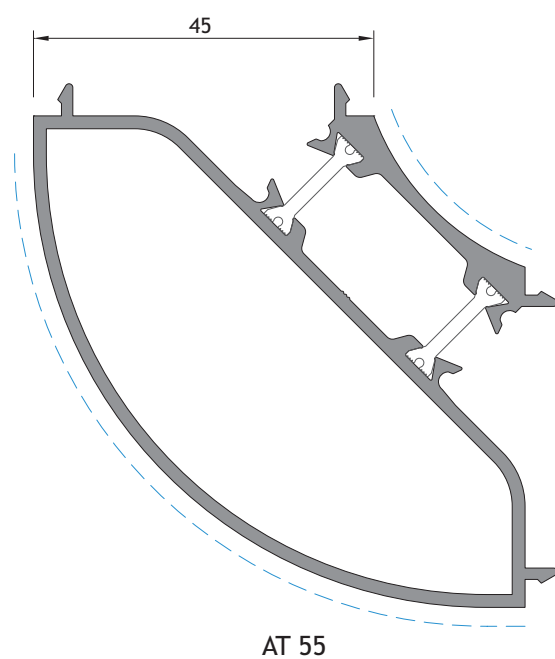
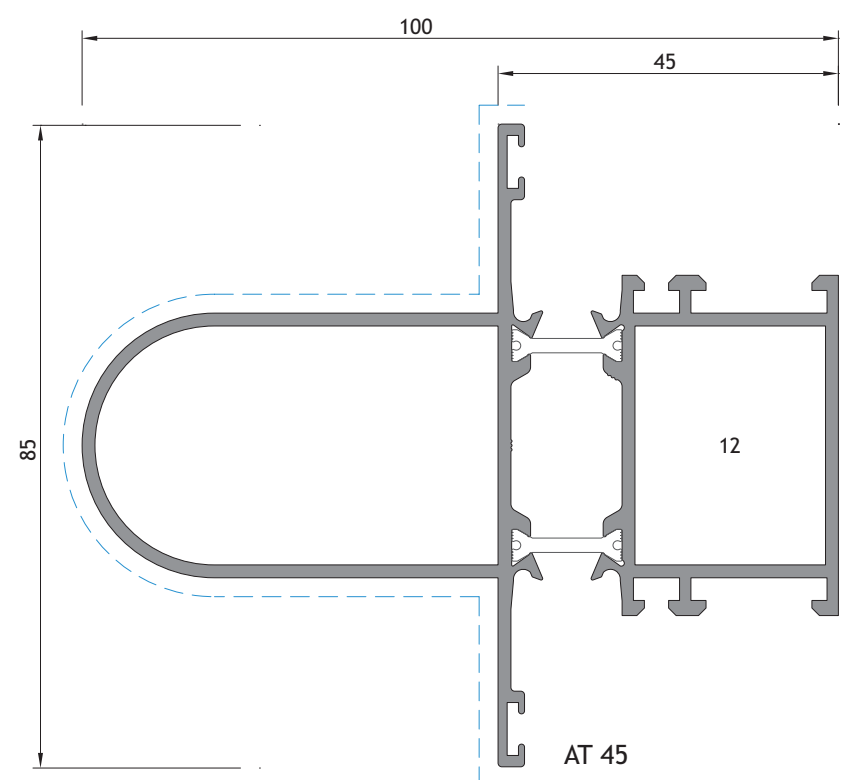
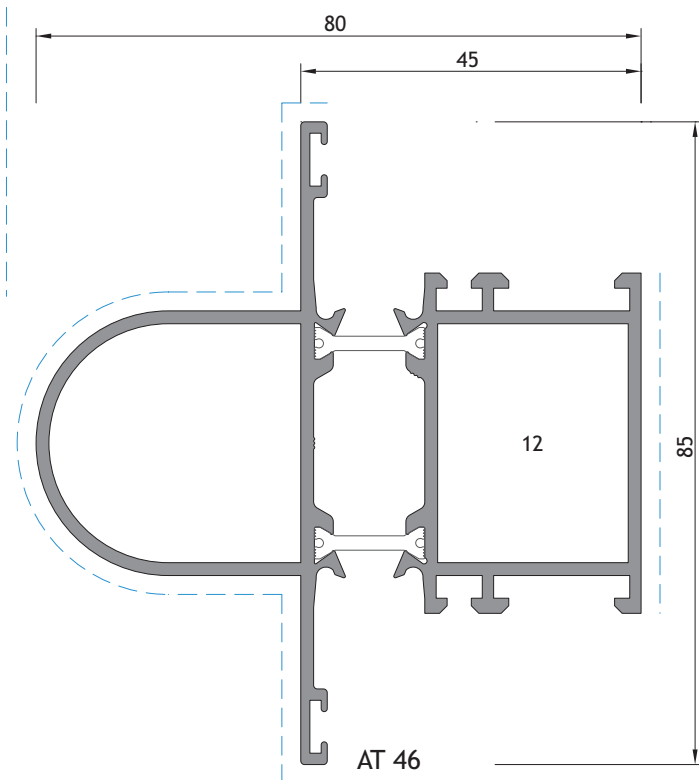
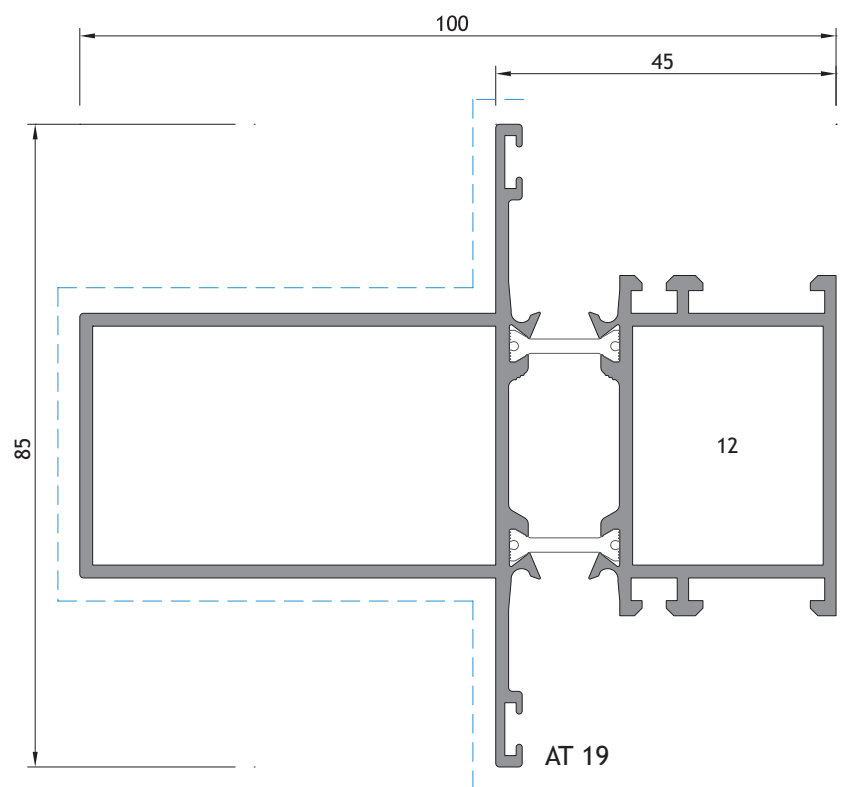


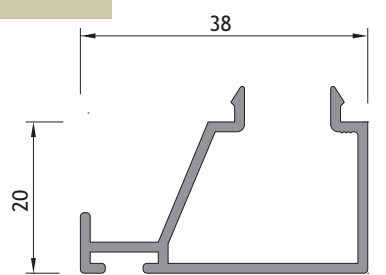
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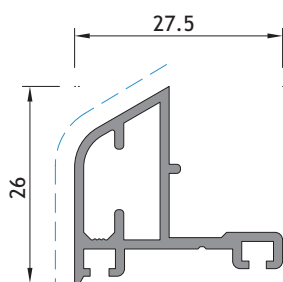
3 - ESQUADRO AT 2109 ESPECIAL GRANDE  
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9 - ESQUADRO 1108  
12 - UNIÃO TRAVESSA SA2001G



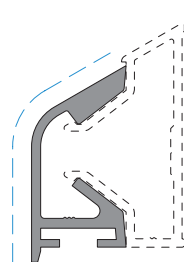




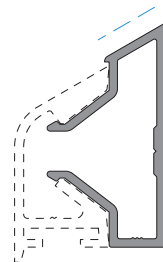
AT 59



SB 32



SA 32



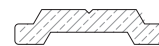
SA 31



AT 30

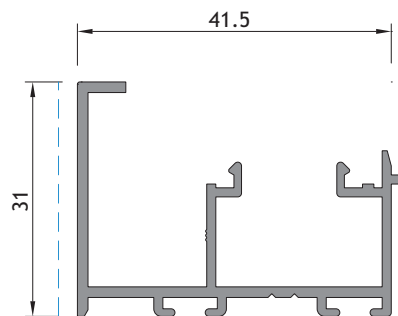


SA 33

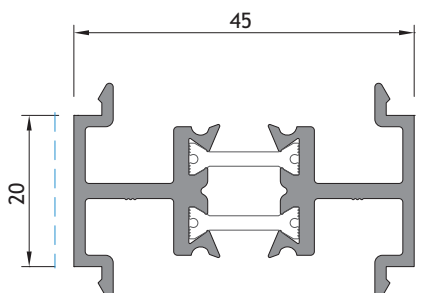


AT 33

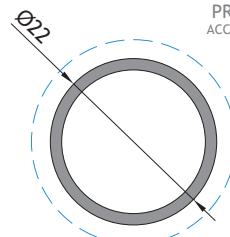
PERFIL EM POLIAMIDA - NÃO UTILIZAR EM  
FERRAGENS OSCILO-BATENTE E/OU OSCILO-PARALELA  
PROFILE IN POLYAMIDE - DO NOT USE IN TILT-AND-  
TURN AND/OR TILT-AND-SLIDE HARDWARE  
PROFIL EN POLYAMIDE - NE PAS UTILISER DANS LES  
ACCESSOIRES OSCILLO-BATTANT ET/OU OSCILLO-COULISSANT



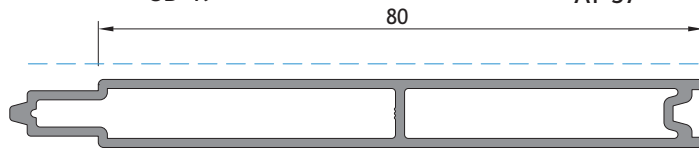
SB 49



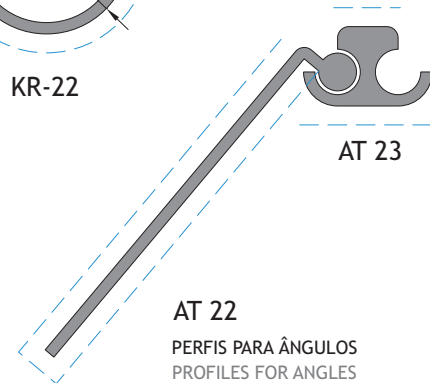
AT 37



KR-22



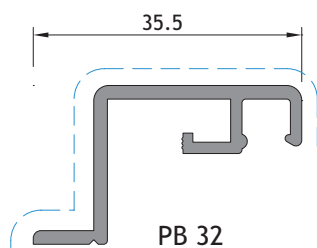
SB 64



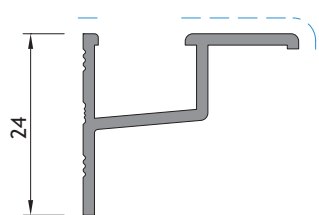
AT 23

AT 22

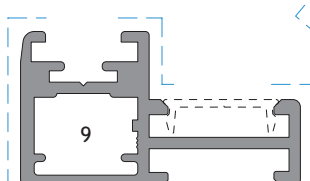
PERFIS PARA ÂNGULOS  
PROFILES FOR ANGLES  
PROFILS POUR LES ANGLES



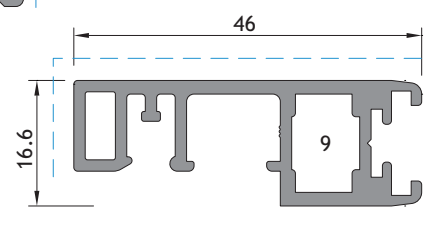
PB 32



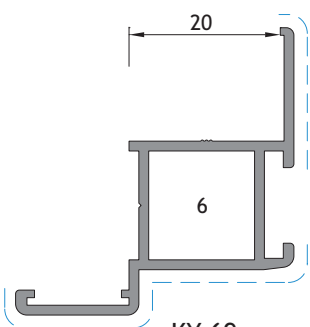
KY 97



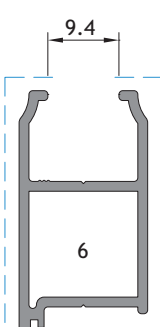
KY 84



KY 86

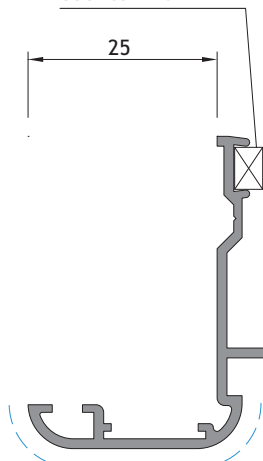


KY 69

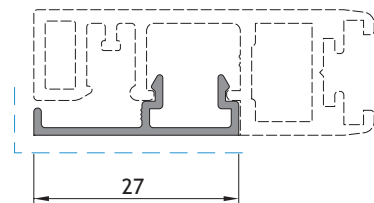


SB 63

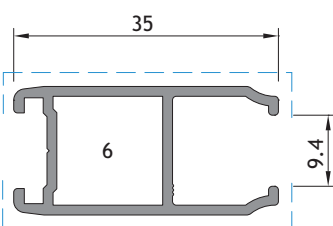
DESLIZADOR 1201  
SLIDER 1201  
COULISSE 1201



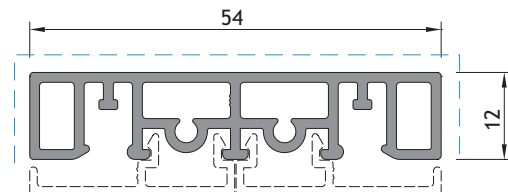
SB 80



KY 87



KY 70



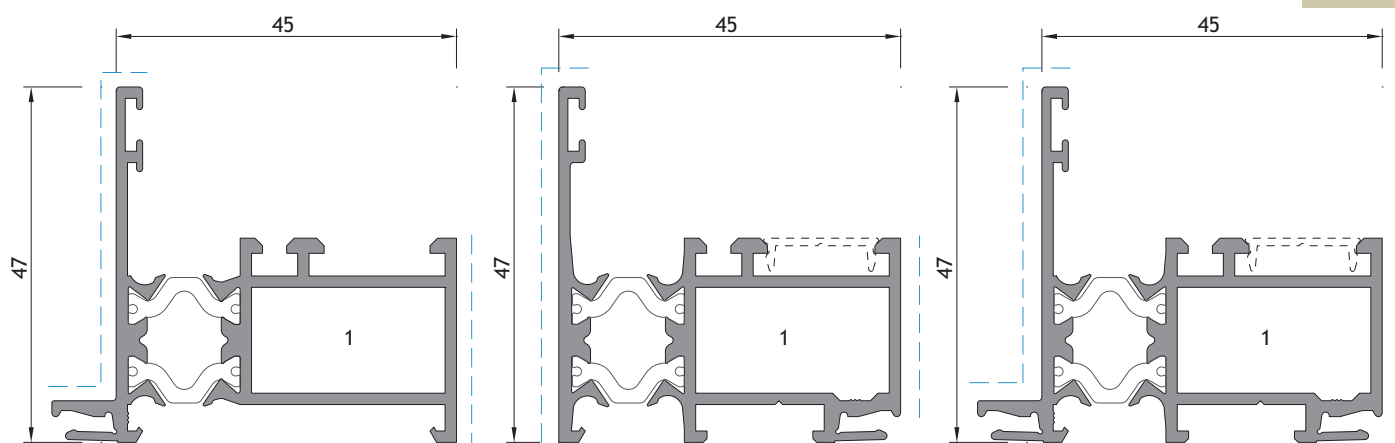
KY 89

1 - ESQUADRO AT ESPECIAL PEQUENO  
4 - ESQUADRO SA 35 CORTADO PEQUENO  
7 - ESQUADRO 26-2537-140  
10 - ESQUADRO 18-1914-70

2 - ESQUADRO AT ESPECIAL GRANDE  
5 - ESQUADRO TL38 PEQUENO  
8 - CANTO CR 0182+PINOS GRANDES  
11 - UNIÃO TRAVESSA SA2001P

3 - ESQUADRO AT 2109 ESPECIAL GRANDE  
6 - ESQUADRO 18-1414-C  
9 - ESQUADRO 1108  
12 - UNIÃO TRAVESSA SA2001G

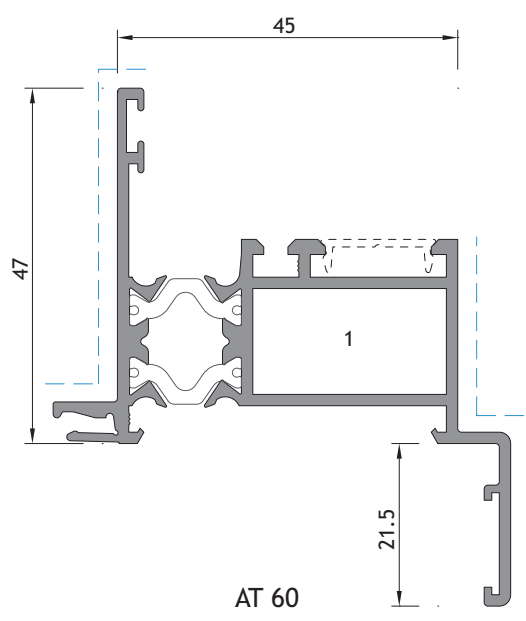




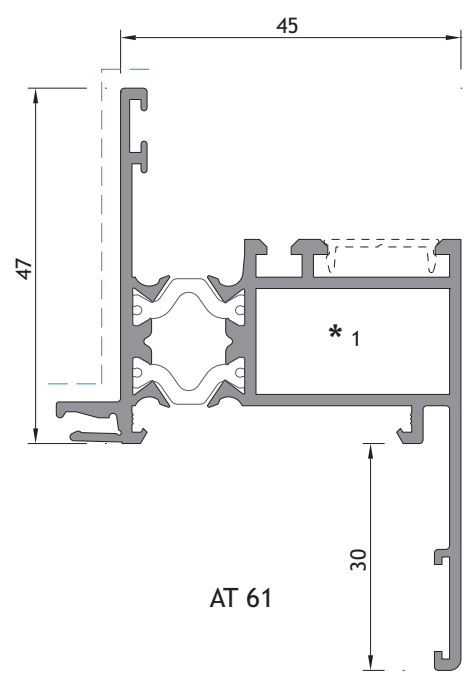
AT 31

AT 41

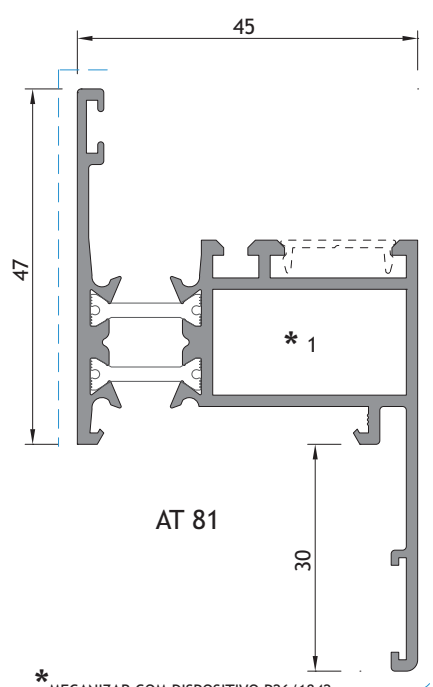
AT 51



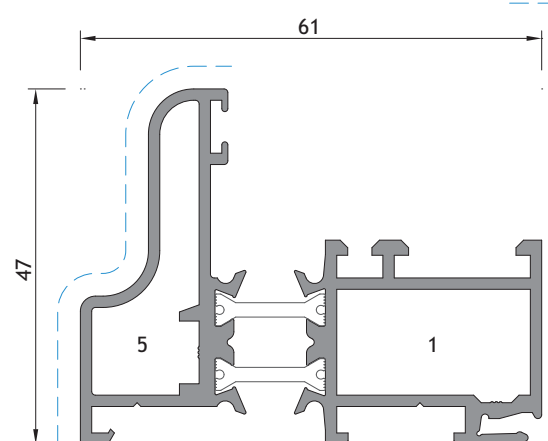
AT 60



AT 61



AT 81



TL 28

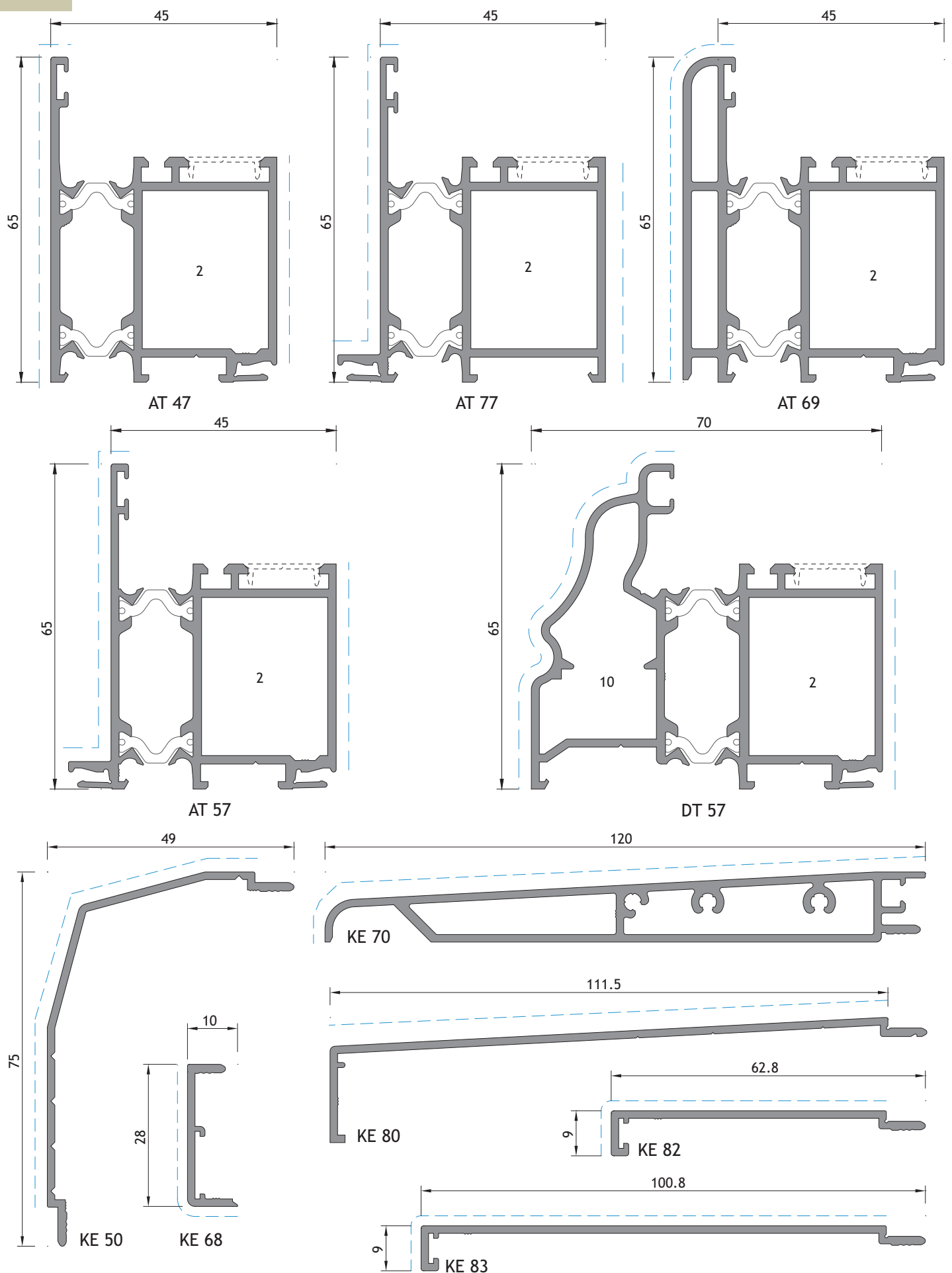
\* MECANIZAR COM DISPOSITIVO P26/1842



1 - ESQUADRO AT ESPECIAL PEQUENO  
4 - ESQUADRO SA 35 CORTADO PEQUENO  
7 - ESQUADRO 26-2537-140  
10 - ESQUADRO 18-1914-70

2 - ESQUADRO AT ESPECIAL GRANDE  
5 - ESQUADRO TL38 PEQUENO  
8 - CANTO CR 0182+PINOS GRANDES  
11 - UNIÃO TRAVESSA SA2001P

3 - ESQUADRO AT 2109 ESPECIAL GRANDE  
6 - ESQUADRO 18-1414-C  
9 - ESQUADRO 1108  
12 - UNIÃO TRAVESSA SA2001G



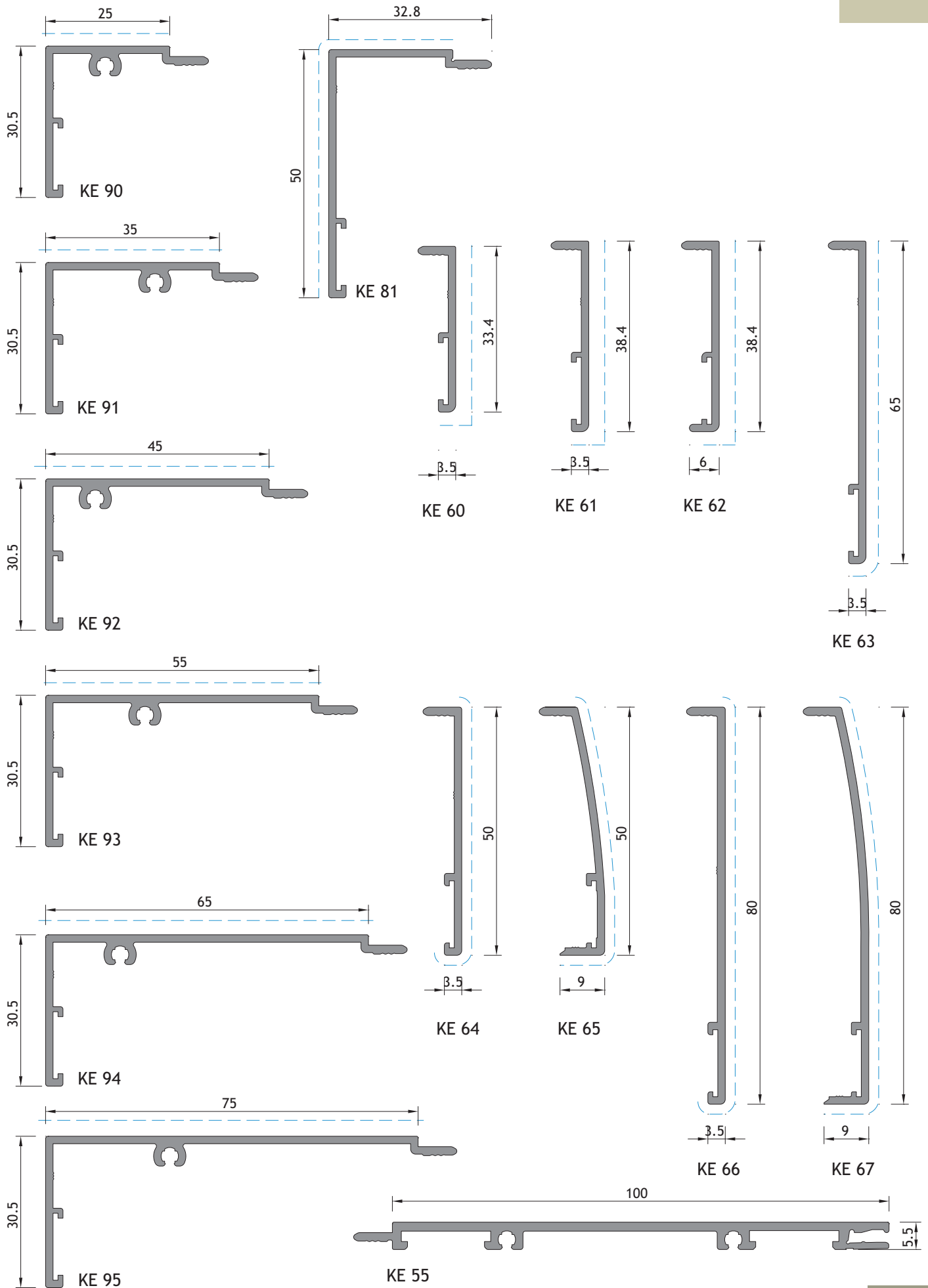
1 - ESQUADRO AT ESPECIAL PEQUENO  
 4 - ESQUADRO SA 35 CORTADO PEQUENO  
 7 - ESQUADRO 26-2537-140  
 10 - ESQUADRO 18-1914-70

2 - ESQUADRO AT ESPECIAL GRANDE  
 5 - ESQUADRO TL38 PEQUENO  
 8 - CANTO CR 0182+PINOS GRANDES  
 11 - UNIÃO TRAVESSA SA2001P

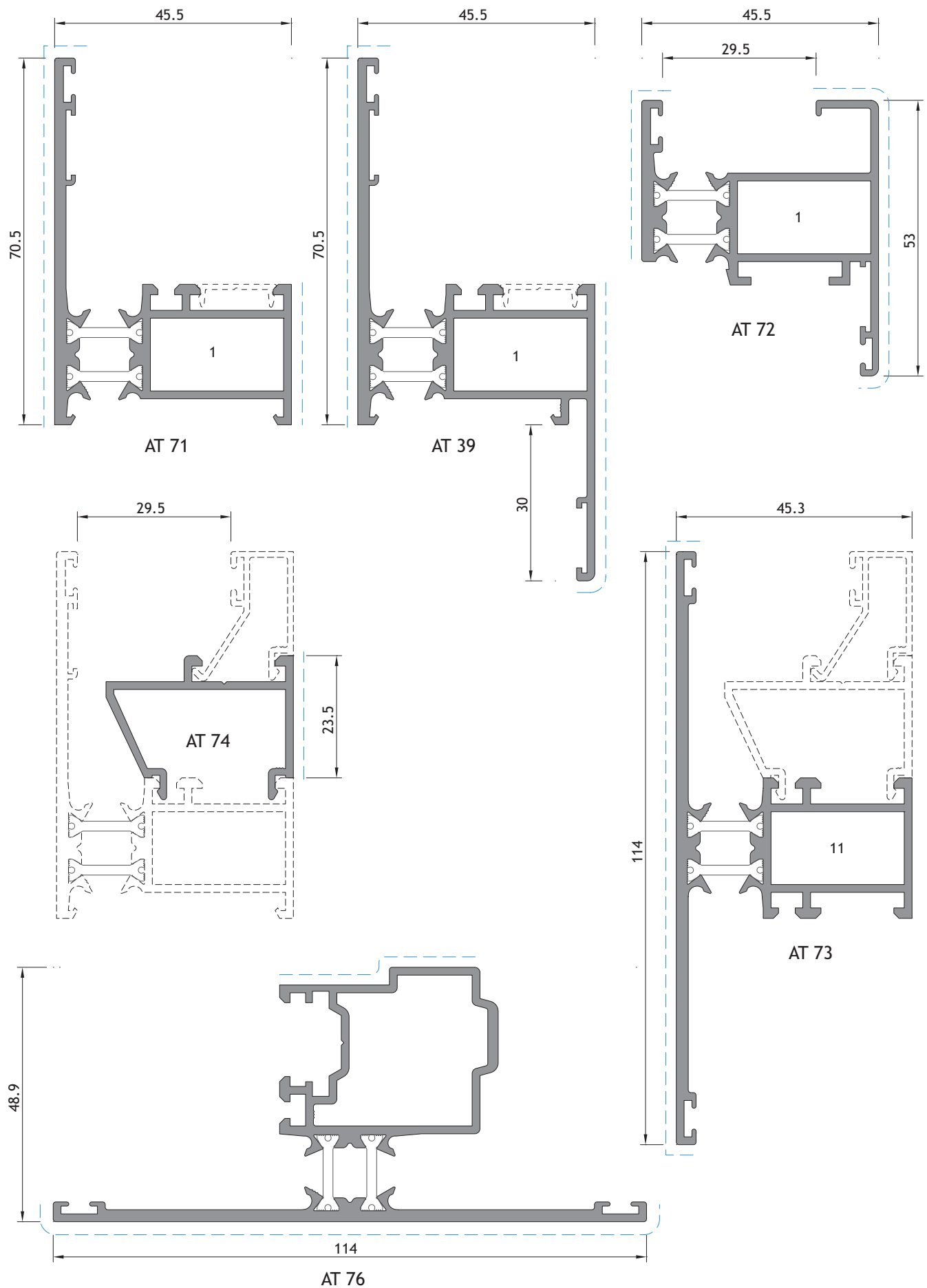
3 - ESQUADRO AT 2109 ESPECIAL GRANDE  
 6 - ESQUADRO 18-1414-C  
 9 - ESQUADRO 1108  
 12 - UNIÃO TRAVESSA SA2001G







## LINHA OCULTA | CONCEALED | CACHE

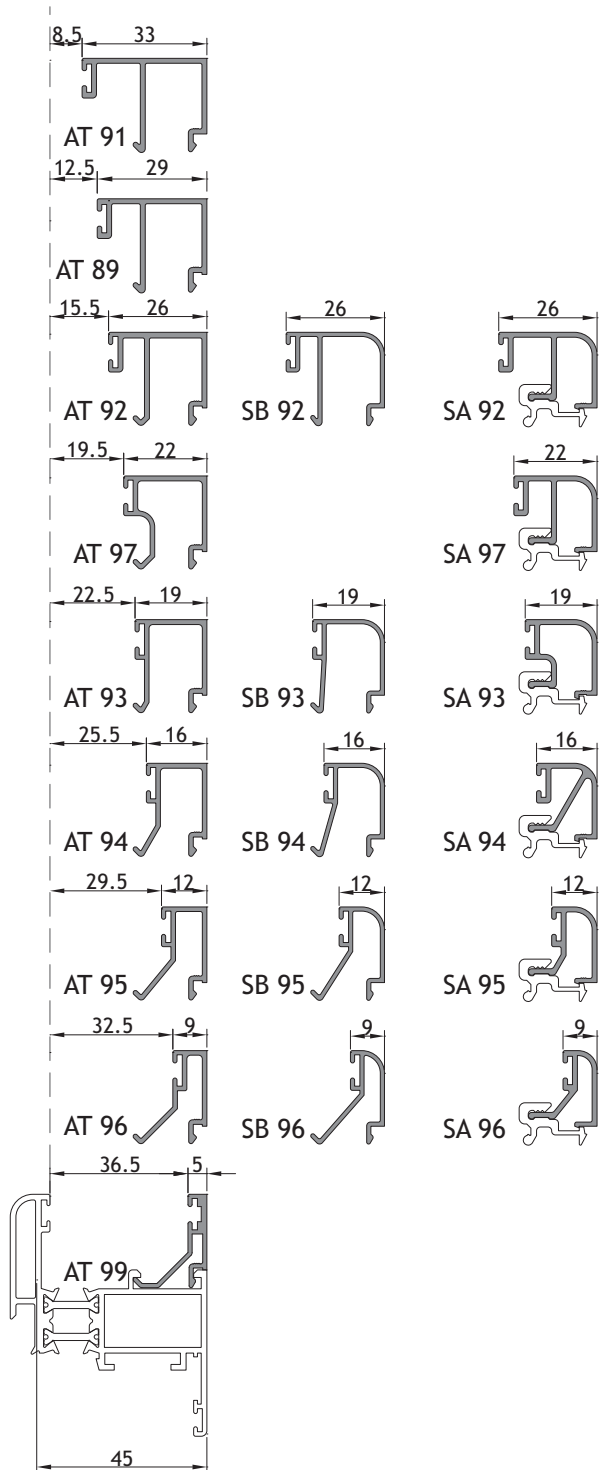


1 - ESQUADRO AT ESPECIAL PEQUENO  
 4 - ESQUADRO SA 35 CORTADO PEQUENO  
 7 - ESQUADRO 26-2537-140  
 10 - ESQUADRO 18-1914-70

2 - ESQUADRO AT ESPECIAL GRANDE  
 5 - ESQUADRO TL38 PEQUENO  
 8 - CANTO CR 0182+PINOS GRANDES  
 11 - UNIÃO TRAVESSA SA2001P

3 - ESQUADRO AT 2109 ESPECIAL GRANDE  
 6 - ESQUADRO 18-1414-C  
 9 - ESQUADRO 1108  
 12 - UNIÃO TRAVESSA SA2001G

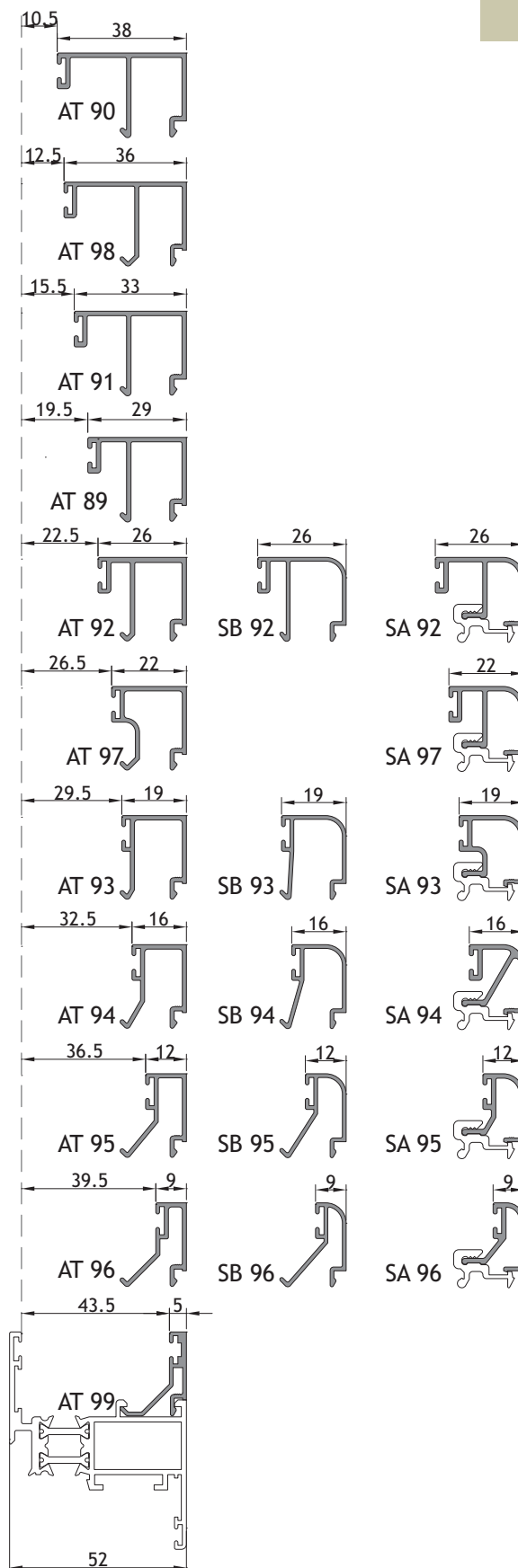
## TABELA DE BITES | GLAZING BEADS | PARCLOSSES



PERFIS DE 45mm  
PROFILES OF 45mm  
PROFILS DE 45mm



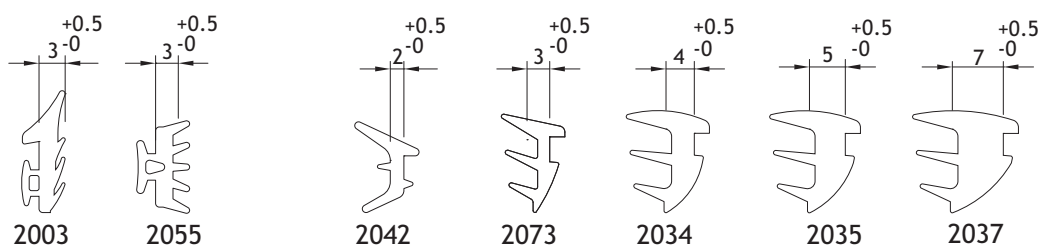
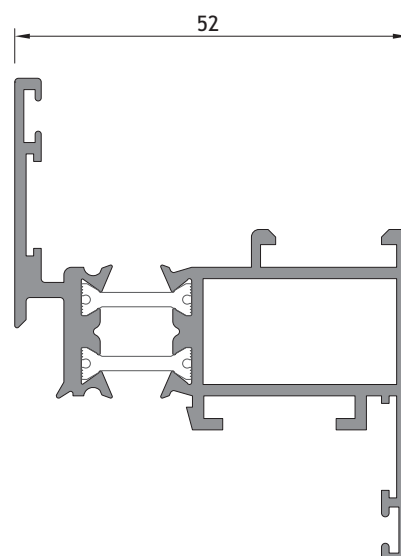
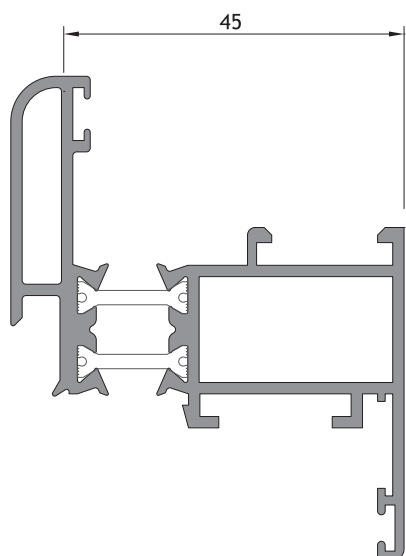
MOLA EURO 2000 Ref: 228165  
Para aplicar com os bites com referência SA Lacados  
To apply with the glazing beads with reference SA Powder coating  
Pour appliquer avec les parcloses avec référence SA laqué



PERFIS DE 52mm  
PROFILES OF 52mm  
PROFILS DE 52mm



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



### TABELA DE BITES PARA PERFIS DE 45mm

GLAZING BEADS SCHEDULE FOR 45mm PROFILES

TABLE DES PARCLOSES POUR PROFILS DE 45mm

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
2042	4	2042	AT 91
2003	5	2037	AT 92
2003	6	2035	AT 92
2003	8	2042	AT 89
2003	10	2035	AT 97
2003	14	2034	AT 93
2003	16	2035	AT 94
2003	18	2034	AT 94
2003	20	2035	AT 95
2003	22	2034	AT 95
2003	24	2035	AT 96
2003	26	2034	AT 96
2003	27	2037	AT 99
2042	28	2042	AT 96
2003	29	2035	AT 99
2003	30	2034	AT 99
2003	32	2042	AT 99

### 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
2042	4	2034	AT 90
2003	5	2037	AT 91
2003	6	2037	AT 91
2003	6	2034	AT 98
2003	8	2042	AT 98
2035	10	2037	AT 92
2035	10	2042	AT 89
2003	15	2035	AT 92
2003	16	2037	AT 97
2003	18	2035	AT 97
2003	20	2037	AT 93
2003	22	2034	AT 93
2003	24	2073	AT 93
2003	24	2035	AT 94
2003	26	2037	AT 95
2003	28	2035	AT 95
2003	30	2037	AT 96
2003	32	2034	AT 96
2003	34	2037	AT 99
2003	36	2035	AT 99
2003	37	2034	AT 99
2003	38	2073	AT 99
2003	39	2042	AT 99



## **Acessórios**

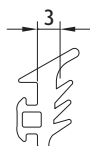
Accessories

Accessoires

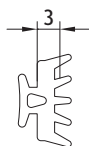








**2003**  
(Material: EPDM)  
(Rolo: 100m)



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

208350  
208289

JUNTA DE VEDAÇÃO EXTERIOR 2003  
JUNTA DE BATENTE 2055



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



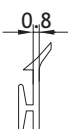
**2101**  
(Material: PVC base rígida)  
(Rolo: 100m)



**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  
208492  
208008

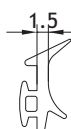
JUNTA DE ESTANQUIDADE 2001  
JUNTA DE VEDAÇÃO 2101  
JUNTA DE ESTANQUIDADE 2051



**2012**  
(Material: PVC base rígida)  
(Caixa: 3 rolosx100m)



**2112**  
(Material: EPDM)  
(Rolo: 200m)



**2152**  
(Material: EPDM)  
(Rolo: 200m)

A aplicação das juntas 2012 ou 2112 é facultativa  
A junta 2152 é para aplicar no sistema AT Oculta

208276  
208278  
208906

JUNTA DE ESTANQUIDADE 2012  
JUNTA DE ESTANQUIDADE 2112  
JUNTA DE ESTANQUIDADE 2152

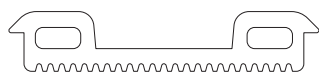


**2009**  
(Material: EPDM)  
(Caixa: 5x25m)

Aplicar com o perfil AT 24

208314

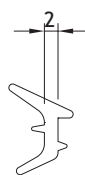
JUNTA DE ESTANQUIDADE 2009



(Material: EPDM)  
(Rolo: 50m)  
(Aplicar com os perfis AT 01, 07, 27, 42 e 77)

208907

JUNTA REMATE PAREDE 2059



**2042**



**2073**



**2034**



**2035**

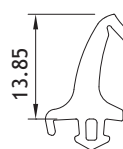


**2037**

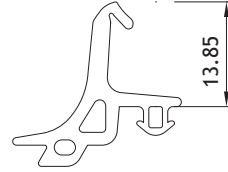
Material: EPDM  
Rolo: 200m

208191 JUNTA DE CUNHA 2042  
208195 JUNTA DE CUNHA 2034

208196 JUNTA DE CUNHA 2035  
208904 JUNTA DE CUNHA 2037  
208199 JUNTA DE CUNHA 2073



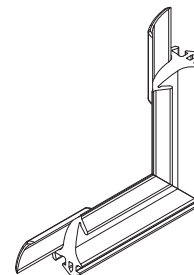
**2105N**  
(Material: EPDM)  
(Rolo: 150m)



**2017**  
(Material: EPDM)  
(Caixa: 200m)

208486  
208484

JUNTA DE VEDAÇÃO CENTRAL 2105N  
JUNTA CENTRAL 2017



213290

CANTO VULCANIZADO 2105.1N

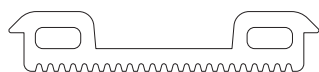


**2006**

(Material: EPDM)  
(Rolo: 200m)

208410

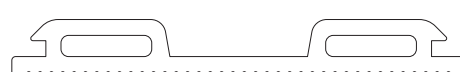
JUNTA TAPA-CANAL 2006



(Material: EPDM)  
(Rolo: 50m)  
(Aplicar com os perfis TL 38 e TL 76)

208907

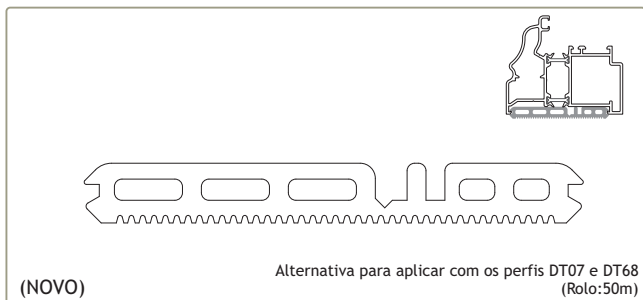
JUNTA REMATE PAREDE 2059



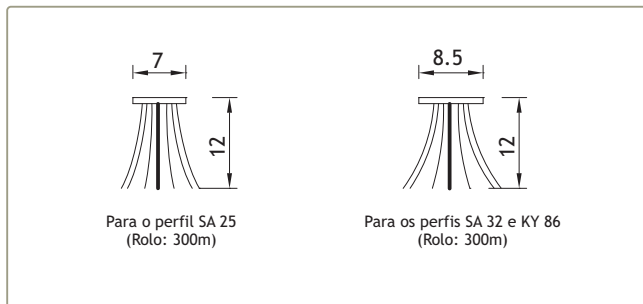
(Material: EPDM)  
(Rolo: 50m)

208388

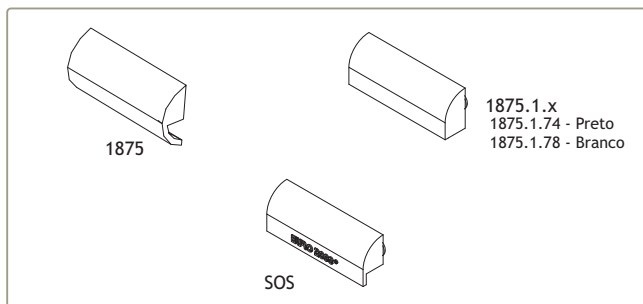
JUNTA REMATE PAREDE 2030



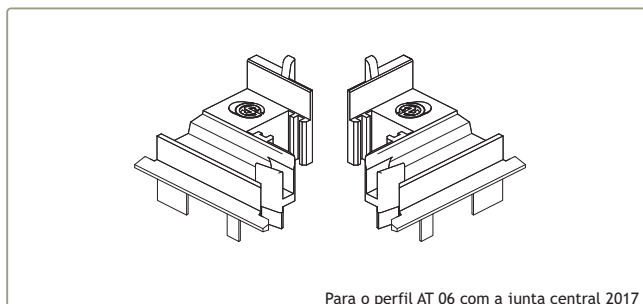
208010 JUNTA REMATE PAREDE 2061



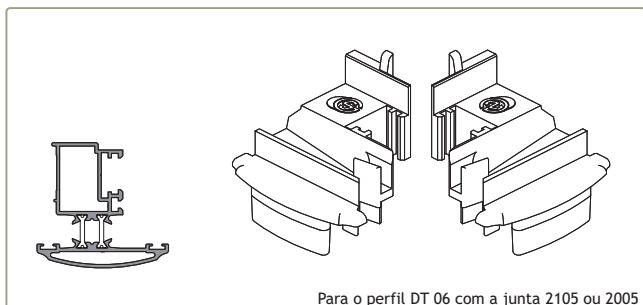
208593 JUNTA PELÚCIA 7x12 S-FIN  
208464 JUNTA PELÚCIA 8.5x12 S-FIN



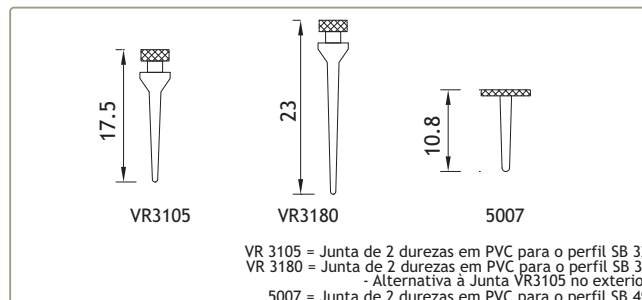
210154 GOTEIRA 1875 Br/Pr 210142 GOT. C/VÁLV. 1875.1.74  
210280 GOTEIRA SOS C/ VÁLV. Br/Pr. 210144 GOT. C/VÁLV. 1875.1.78



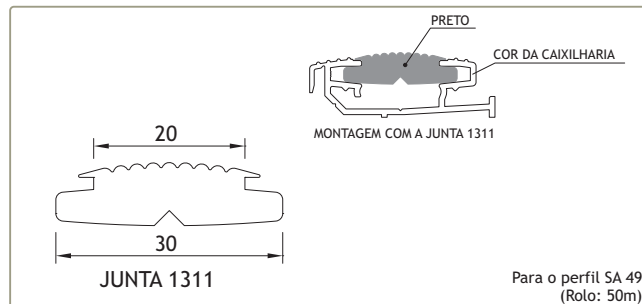
212092 CONJUNTO INVERSOR 2017 FLEX. (Br/Pr)



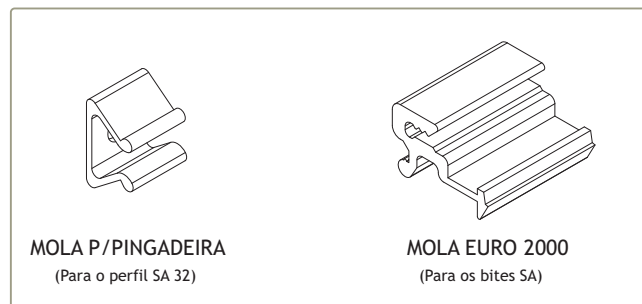
212105 CONJUNTO INVERSOR DT 06 FLEX. (Br/Pr)



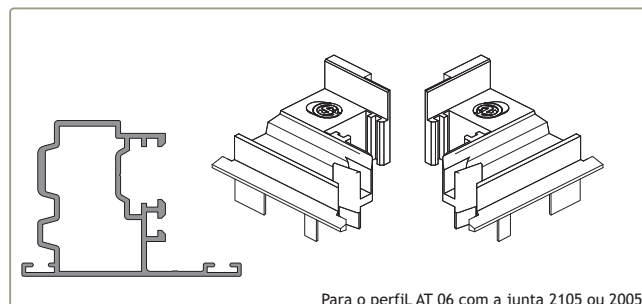
208292 JUNTA INFERIOR PORTA VR3105  
208294 JUNTA INFERIOR PORTA VR3180  
208165 JUNTA INFERIOR PORTA 5007 PRETO



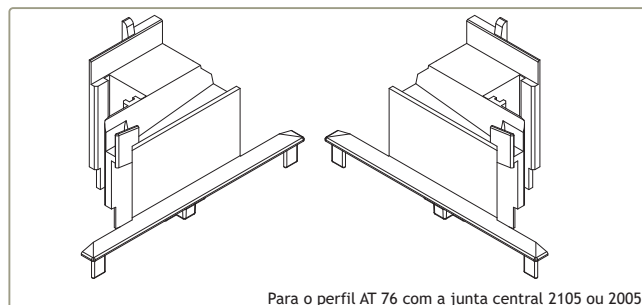
208151 JUNTA 1311



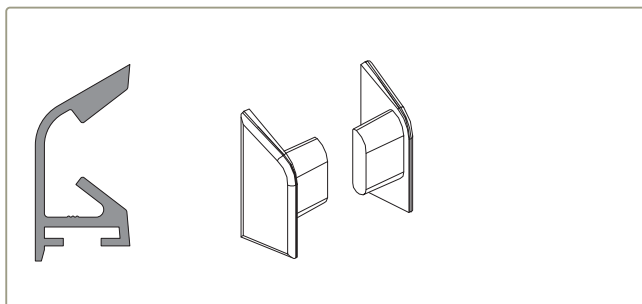
228181 MOLA PARA PINGADEIRA  
228165 MOLA EURO 2000



212088 CONJUNTO INVERSOR SA 2000 FLEX. (Br/Pr)

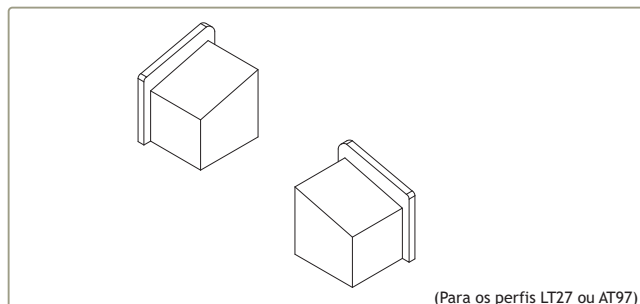


212482 CONJUNTO INVERSOR AT OCULTO FLEX. (Br/Pr)



212346

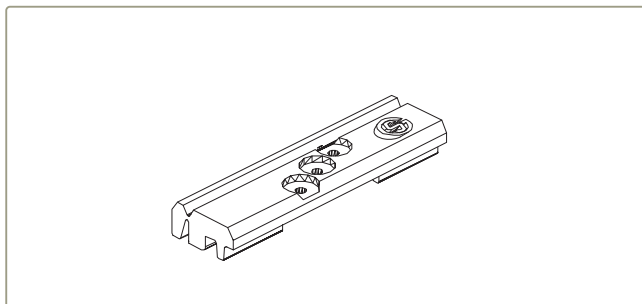
CONJ. TAPA-TOPOS SA 32 Br/Pr



212366

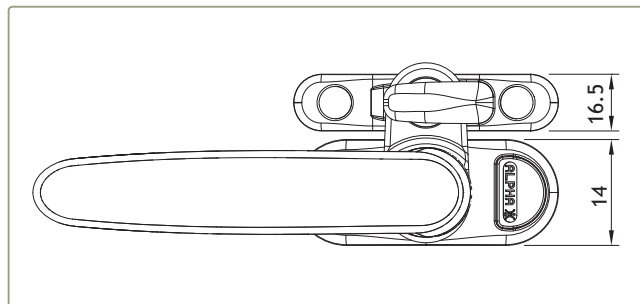
(Para os perfis LT27 ou AT97)

CONJUNTO TOPO SOL 26 Pr



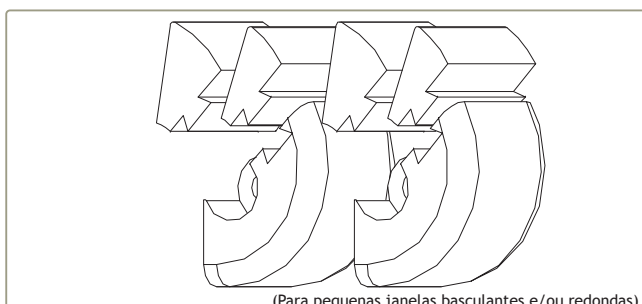
218194

CALÇO P/VIDRO EURO 2000 Nylon



231221

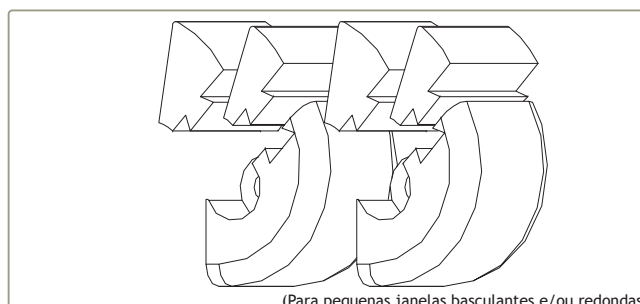
TRINQUETA 607 (Branco/Preto/Verde)



212146

212148

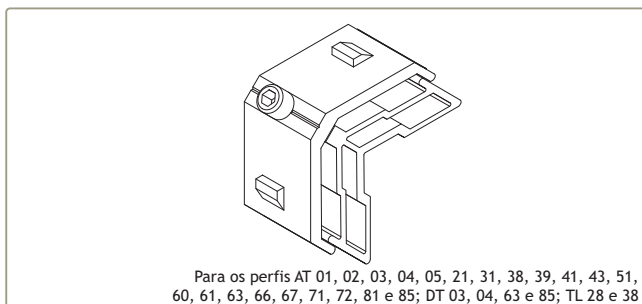
CONJUNTO PARA BASCULANTE B215 Pr.  
CONJUNTO PARA BASCULANTE B217 Br.



212150

212152

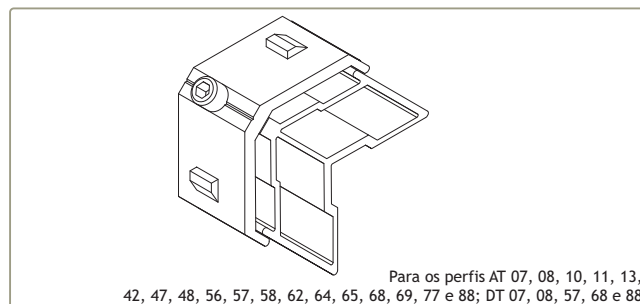
CONJUNTO PARA BASCULANTE B218 Pr.  
CONJUNTO PARA BASCULANTE B220 Br.



204728

ESQUADRO AT E. PEQUENO

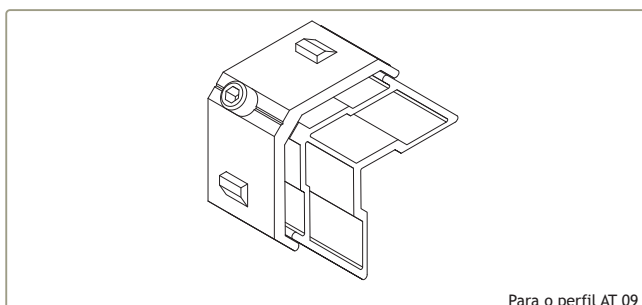
Para os perfis AT 01, 02, 03, 04, 05, 21, 31, 38, 39, 41, 43, 51, 60, 61, 63, 66, 67, 71, 72, 81 e 85; DT 03, 04, 63 e 85; TL 28 e 38



204730

ESQUADRO AT E. GRANDE

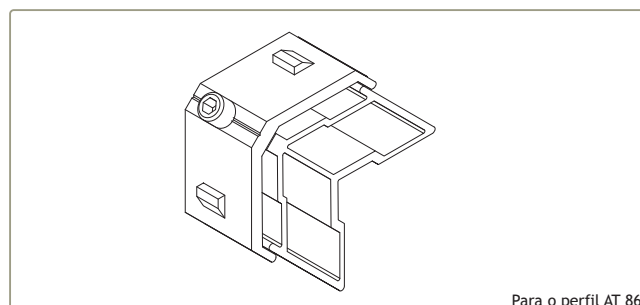
Para os perfis AT 07, 08, 10, 11, 13, 42, 47, 48, 56, 57, 58, 62, 64, 65, 68, 69, 77 e 88; DT 07, 08, 57, 68 e 88



204726

ESQUADRO AT 2109 GRANDE

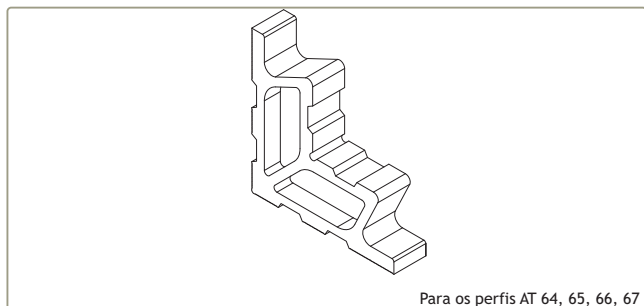
Para o perfil AT 09



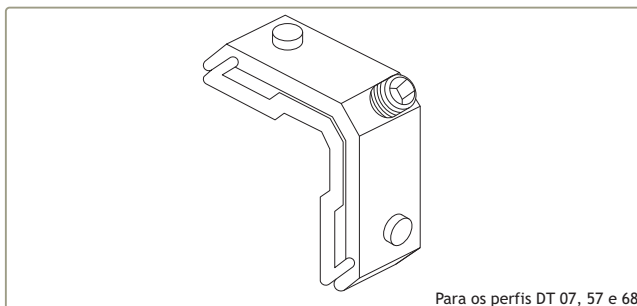
204010

ESQUADRO 26-2537-140

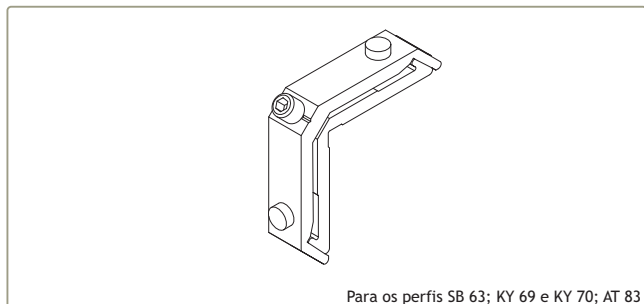
Para o perfil AT 86



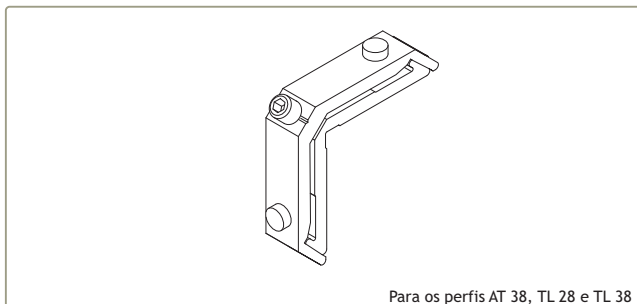
204256 ESQUADRO SA 35 CORTADO PEQUENO



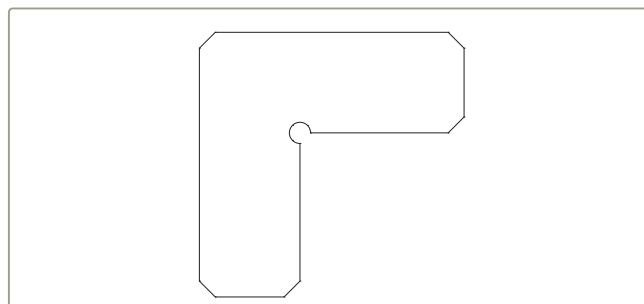
204850 ESQUADRO 18-1914-70



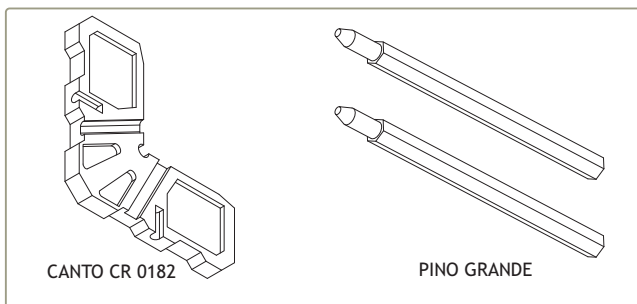
204029 ESQUADRO 18-1414 C



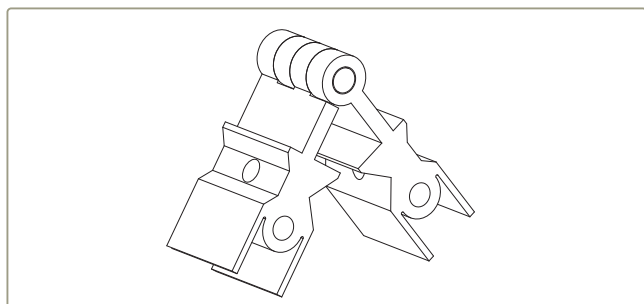
204457 ESQUADRO TL 38 E. PEQ



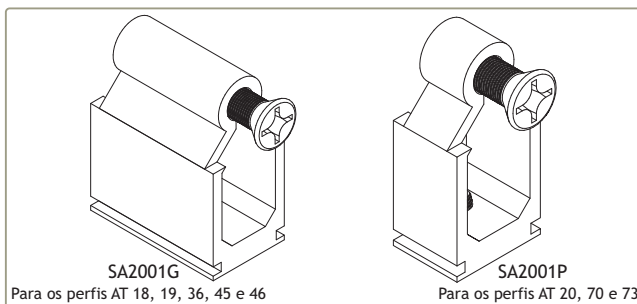
213246 CANTO CR S/SB



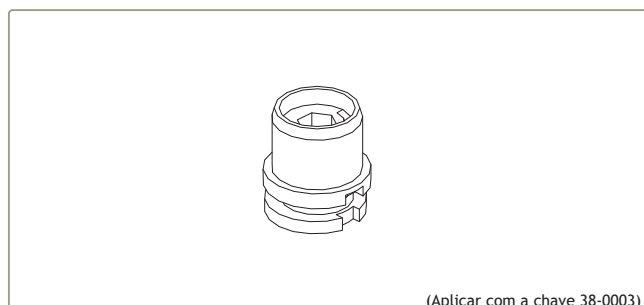
213309 CANTO CR 0182 + PINOS GR.



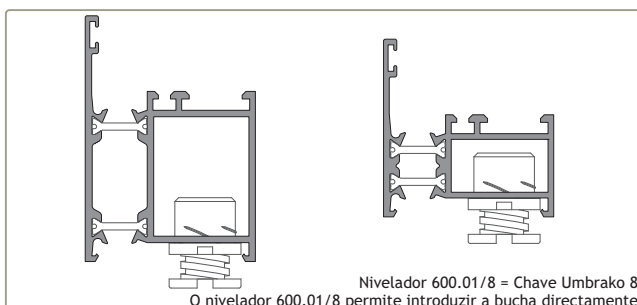
204306 ESQUADRO GRADUÁVEL AT 2100



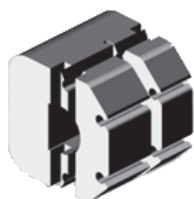
232116 UNIÃO TRAVESSAS SA2001 G  
232118 UNIÃO TRAVESSAS SA2001 P



224200 NIVELADOR PEQUENO 38-17



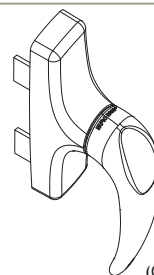
224205 NIVELADOR PEQUENO 600.01/8



Eixo vertical: 60 Kg máximo  
Eixo horizontal: 80 Kg máximo

206370

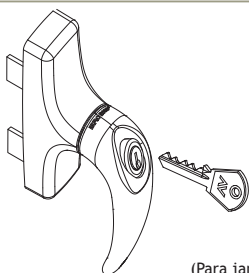
RÓTULA PIVOT 1151.4



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

200302

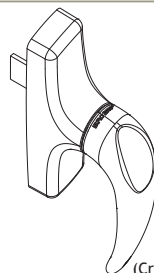
CREMONE MANON 870.2



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

200215

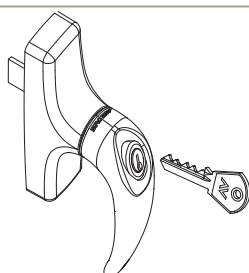
CREMONE MANON 870.754



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

200315

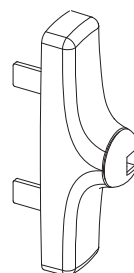
CREMONE MANON 873.2



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

200969

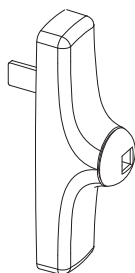
CREMONE MANON 873.754



(Utilizar com a moleta 1243.599)

200405

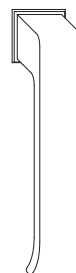
CREMONE SEM MOLETA 870.752 Preto



(Utilizar com a moleta 1243.599)

200406

CREMONE P/OSCILO-BATENTE S/MOLETA 873.756 Preto



(Utilizar com os cremones 870.752 e 873.756 )

211310

MOLETA CREM. 1243.599 Preto



(Cremone para persianas ou vãos com abertura para exterior)

200330

CREMONE MANON EXT. 876



(Cremone para persianas ou vãos com abertura para exterior)

200290

CREMONE MANON EXT. 876.751



(880.2 - Cremone em alumínio para janela sem oscilo-batente)  
(883.2 - Cremone em alumínio para janela com oscilo-batente)

200260  
200273

CREMONE GIOCONDA 880.2 (Br./Pr.)  
CREMONE GIOCONDA 883.2 (Br./Pr.)



.74 = Preto  
.75 = Creme  
.78 = Branco  
.80 = Preto metalizado  
.82 = Cinza  
.83 = Verde metalizado  
.85 = Azul céu  
.86 = Verde água  
.90 = Cromado  
.91 = Dourado

(Lente para cremone Gioconda, em várias cores)

228084

LENTE GIOCONDA 880.701.(X)



(Moleta para fecho 825)

211300

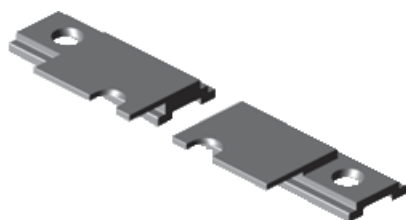
MOLETA SABBIA 1618



(Mecanismo para portas de sacada com os perfis AT 09 e AT 13)

201501

FECHO PIVOT TAUDUE 825



(Mecanismo para portas de sacada com os perfis AT 09 ou 12)

212096

CONJUNTO LIGAÇÃO PUXADOR / VARETA



215114

PEÇA CREMONE VARETA 1481



206490

TERMINAL VARETA 1486



206500

TERMINAL VARETA 2000



206475

TERMINAL VARETA C/ REGULAÇÃO 1487



202090

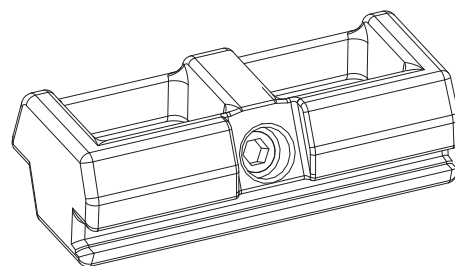
CONTRA-FECHO DUPLO 1416.6





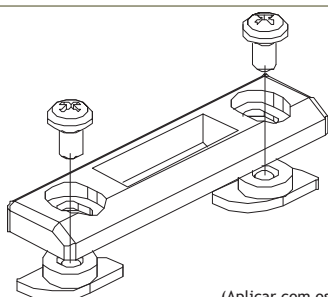
202077

CONTRA-FECHO 1404



202091

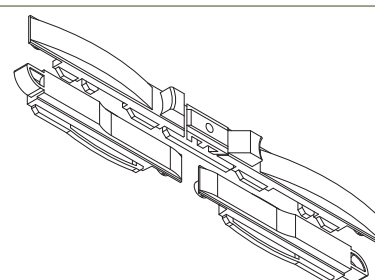
CONTRA-FECHO DUPLO REGULÁVEL 1414



(Aplicar com os artigos C5001 ou C6006)

202310

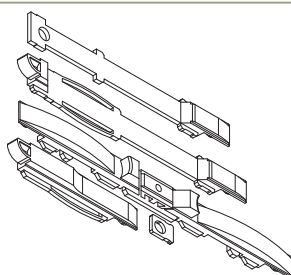
CONTRA-FECHO DUPLO REGULÁVEL 2020



(Aplicar em janelas de abrir de 2 folhas)

201507

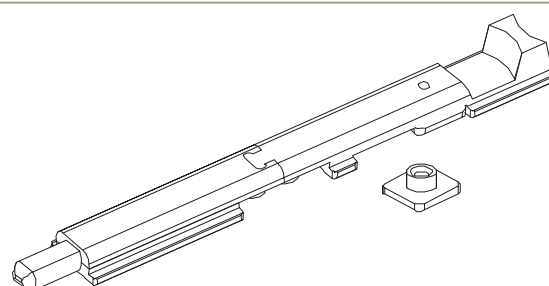
FECHO SEMI-AUTO PARA 2ª FOLHA C5001



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

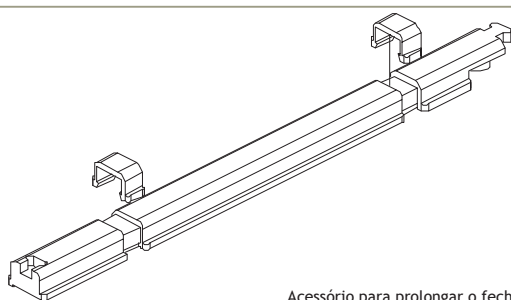
201030

FECHO SEMI-AUTO PARA 2ª F C/O-B C6006



201490

FECHO PARA 2ªFOLHA 1541



Acessório para prolongar o fecho 1541

401001

ALONGAMENTO 1541.800



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

214280

VARETA 1541.820



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

225130

PASSADOR 3000.854



(Para janelas de 2, 3 ou 4 folhas pequenas)

225120

PASSADOR FOLHA 1243.830/8



(Para portas de 2, 3 ou 4 folhas)

225155

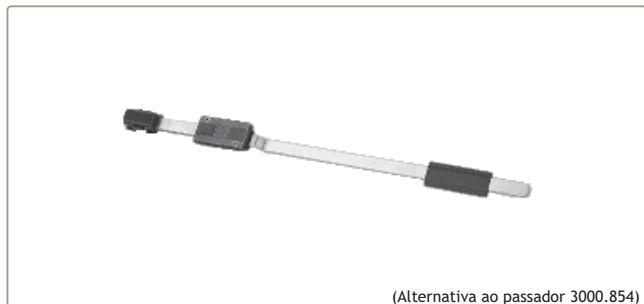
PASSADOR REVERSÍVEL 1550



Acessório para prolongar o passador 1550)

221154

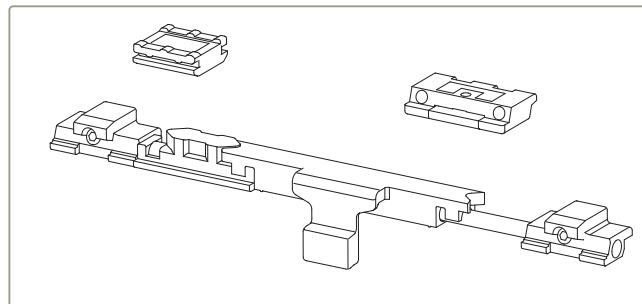
HASTE FECHO 1550.801



(Alternativa ao passador 3000.854)

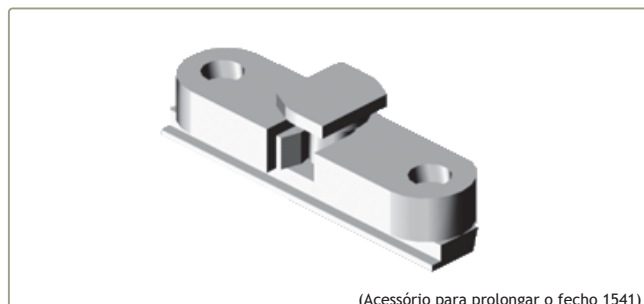
225205

FECHO PARA 2ª FOLHA 1545.2



225141

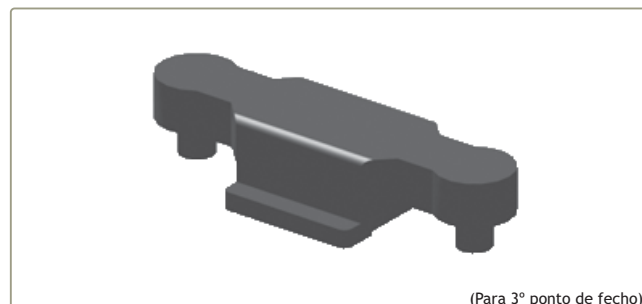
PASSADOR HORIZONTAL 3000.841



(Acessório para prolongar o fecho 1541)

218206

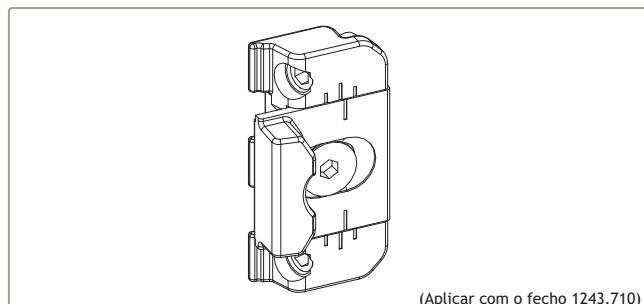
CLIQUE DE RETENÇÃO 1468



(Para 3º ponto de fecho)

201463

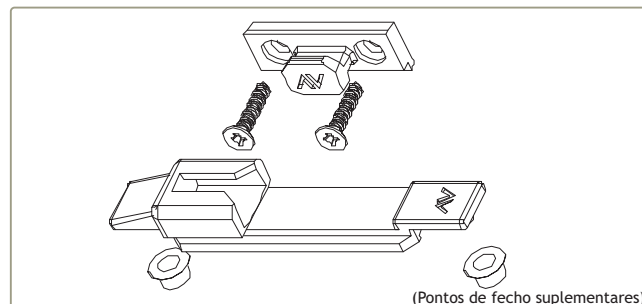
FECHO LATERAL 1243.710



(Aplicar com o fecho 1243.710)

202075

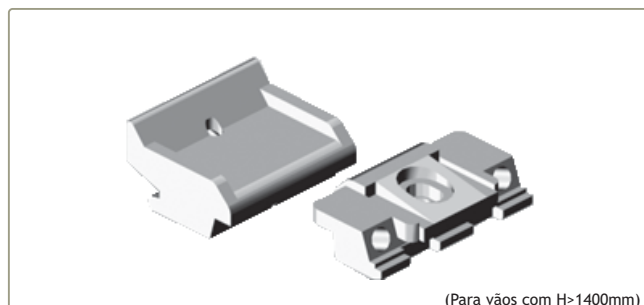
CONTRA-FECHO 1243.721



(Pontos de fecho suplementares)

201363

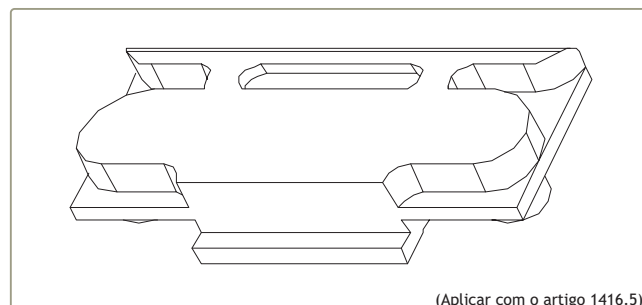
FECHOS ANTI-ARROMBAMENTO 1246.835



(Para vãos com H>1400mm)

201537

FECHO SUPLEMENTAR 1246.832



(Aplicar com o artigo 1416.5)

230225

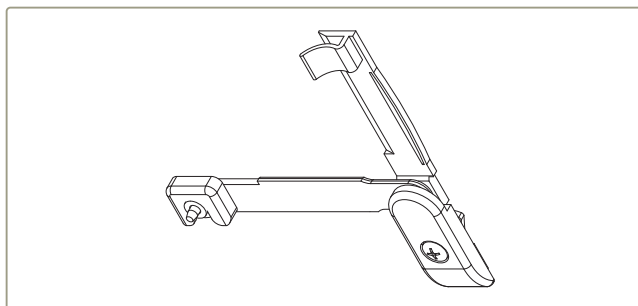
SUPLEMENTO PARA VENTILAÇÃO 1463



(Aplicar com o artigo 1463)

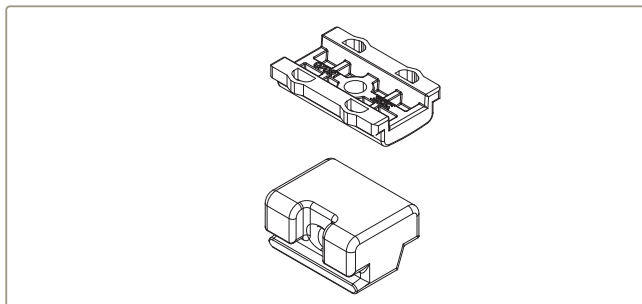
202089

CONTRA-FECHO DUPLO 1416.5



228104

LIMITADOR DE ABERTURA 6060 Pr.



212154

CONJUNTO PARA CALÇO 1410.50 Pr.



201505

FECHO REVERSÍVEL 807



207511

TAMPA DE PROTEÇÃO 874.805



(Chave 874.598 para retirar puxador 874.2. Sob pedido)

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

200814

PUXADOR SIMPLES 874.2



(Mecanismo para janelas com oscilo-batente)

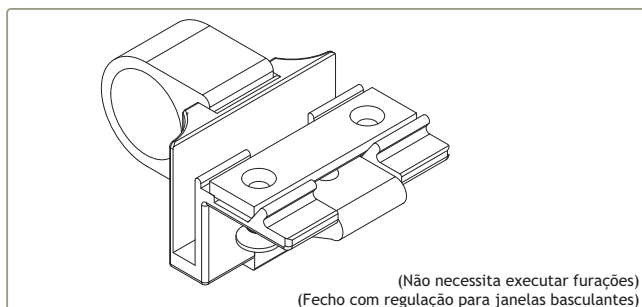
228010

MECANISMO MONO 1200/8



228117

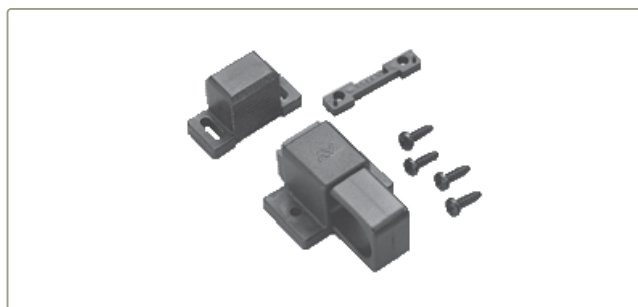
MECANISMO DUO 1201/8



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

201547

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



201495

FECHO PARA BASCULANTE 1357



201497

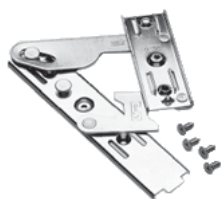
FECHO P/BASCULANTE 1370.1



(Compasso para janelas basculantes)  
(Mínimo 250mm de altura)

202026

COMPASSO CE-001 Pr.



PARA JANELA BASCULANTE  
Altura máxima = 600mm  
Peso máximo da janela com 2 dobradiças = 15Kg  
Ângulos de abertura = 30° ou 75°

202303

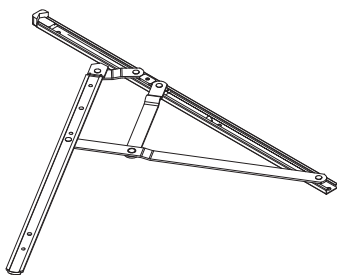
DOBRADIÇA KLEM. DUE 1180.5



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

202065

COMPASSO SAVIO 1307.1



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

212032

CONJUNTO BRAÇO PROJECTANTE S 400



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

210114

BRAÇO PIOVRA 1344.4

210103

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

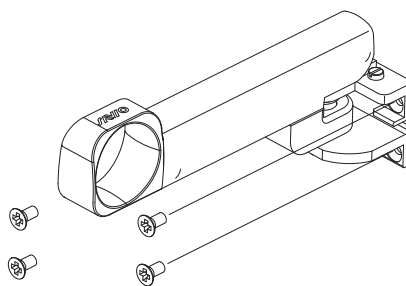


Peso máx. janela basculante = 15Kg  
Peso máx. janela projectante = 30Kg

Altura máxima janela basculante = 600mm

212060

CONJUNTO DOBRADIÇA INOX 1953  
(Para janela basculante ou projectante)



202605

COMANDO 1206.1/2 LAC. 900

214253

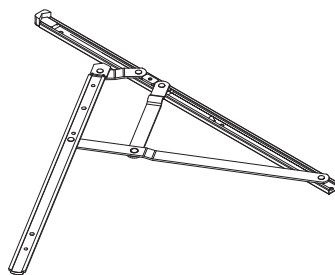
COMANDO 1206.1/1 LAC. 905



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

212030

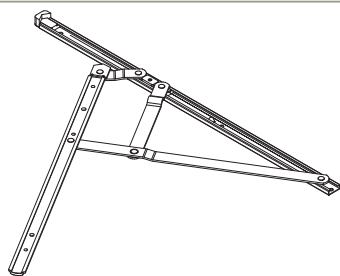
CONJUNTO BRAÇO PARA PROJECTANTES S 150



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

212034

CONJUNTO BRAÇO PROJECTANTE S 550



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

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

212021  
223007

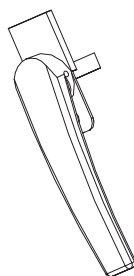
CONJUNTO BRAÇO PROJECTANTE ST 26  
KIT AJUSTÁVEL ST 280



(Para limitar a abertura da folha)

202040

COMPASSO LIMITADOR DE ABERTURA 1343.2



416006

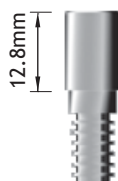
MANÍPULO ARTICULADO BAIXO SOS



(Aplicar com o Manipulo Articulado Baixo SOS)

228210

MECANISMO INTERIOR SOS



(L = 12.8mm)

290101

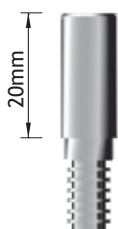
PARAFUSO PB 12.8 mm



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

223670

KIT MOV. INT. 1475.6



(L = 20mm)

290190

PARAFUSO SCO 109 INOX



2 Dobradiças = 80 Kg  
3 Dobradiças = 90 Kg

202208

DOBRADIÇA MORSAS 1121.1



2 Dobradiças = 90 Kg  
3 Dobradiças = 100 Kg

202104

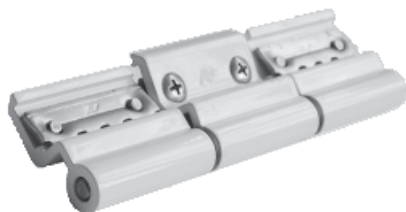
DOBRADIÇA MORSAS 1122



2 Dobradiças = 80 Kg  
3 Dobradiças = 90 Kg

202209

DOBRADIÇA MORSAS 1123



2 Dobradiças = 90 Kg  
3 Dobradiças = 100 Kg

202112

DOBRADIÇA MORSA PARA A 3ª FOLHA 1122.92



CONSULTAR DEPARTAMENTO TÉCNICO

202141

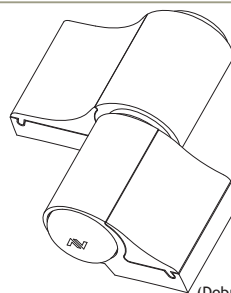
DOBRADIÇA AVANÇO PB 2000



(Dobradiça oculta)

222121

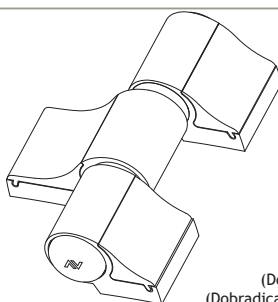
JOGO DOBRADIÇA 3020



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

202010

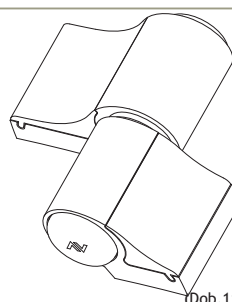
DOBRADIÇA MECÂNICA 2 ABAS 1145/60



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

202610  
000000

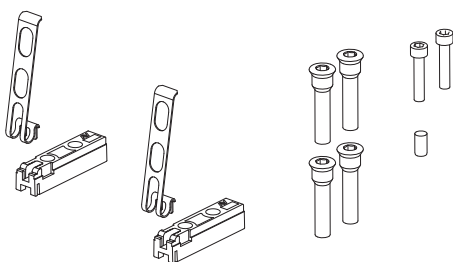
DOBRADIÇA MECÂNICA 3 ABAS 1145.3/60  
DOBRADIÇA MECÂNICA 3 ABAS 1145.3/79



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

202012

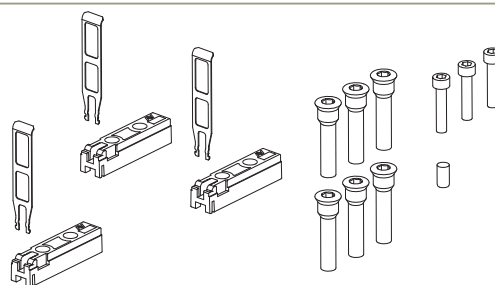
DOBRADIÇA MECÂNICA 2 ABAS 1145/79



(Kit para dobradiça 1145/60)

223100

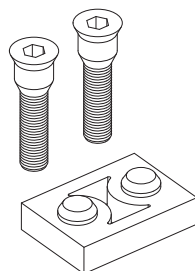
KIT DE FIXAÇÃO PARA MECÂNICA 1145.705



(Kit para dobradiça 1145.715)

223020

KIT DE FIXAÇÃO PARA MECÂNICA 1145.715



(Dobradiça 1145/60 = 1 Calço)  
(Dobradiça 1145.3/60 = 2 Calços)

218170

CALÇO PARA DOBRADIÇA MECÂNICA 1145.703/7



(1125.802: aplicar com as dobradiças 1127, 1127.1 ou 1129, com abertura para exterior)

210010

SEPARADOR 1125.802



(1145.801: aplicar com as dobradiças 1145/79 ou 1145.3/79)  
(1145.802: aplicar com as dobradiças Mechanica - abertura para exterior)

210011

SEPARADOR 1145.802



(Gabarito para executar a furação para aplicação das dobradiças Mechanica)

211101



(Gabarito de afinação 1145.905 para as dobradiças Mechanica)

GABARITO PARA FURAÇÃO 1145.908



(Gabarito para executar a furação para aplicação das dobradiças Mechanica)  
(Utilizar o Gabarito 1145.905 para afinação das dobradiças)

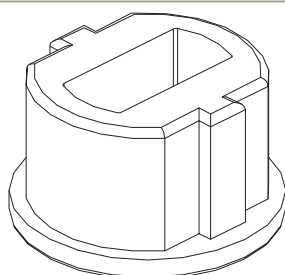
GABARITO MONTAGEM 1125.951 AC. Nt.



(Aplicar com a Tampa 1129.802 em conjunto com Dobradiça 1127 ou 1127.1)

202511

DOBRADIÇA P/ MOLA 1147



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

207327

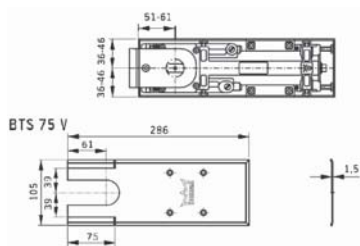
SEPARADOR R. TER/1129.802 OXID



\* 1132.1/60 (Mesmo plano)  
\* 1132.1/60 + Calço 1145.703/7 (Plano diferente)

202510

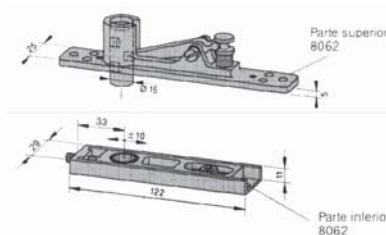
DOBRADIÇA 2 ABAS 1132.1/60



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

228071

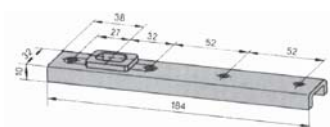
MOLA DE PAVIMENTO BTS 75V



(Aplicar com a Mola de Pavimento BTS 75V)

227111

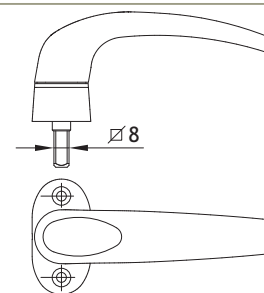
PIVOT SUPERIOR VAI-DEM 8062



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

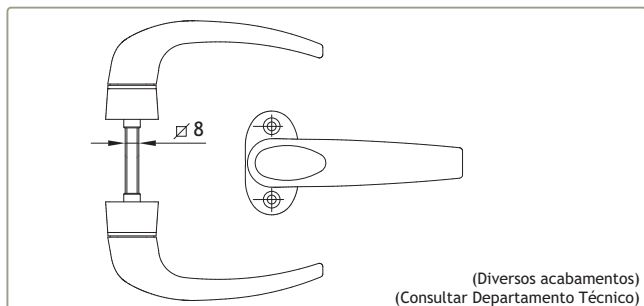
210104

BRAÇO INFERIOR VAI-DEM 8021



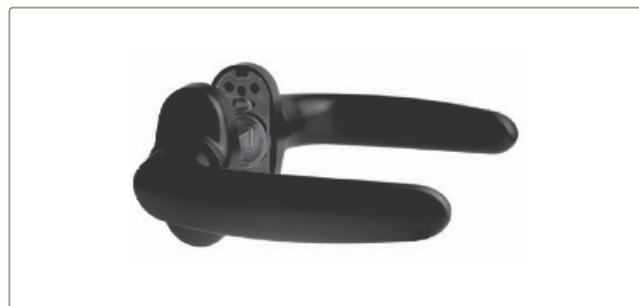
200814

PUXADOR SIMPLES 874.2



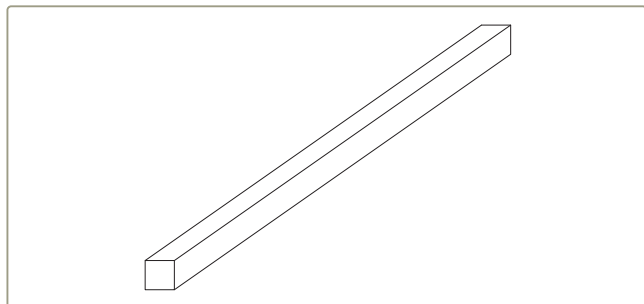
200747

PUXADOR DUPLO 874.31



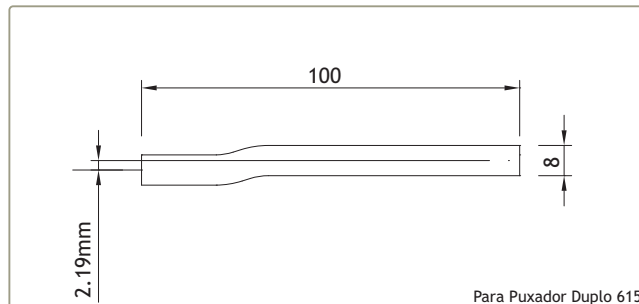
200920

PUXADOR DUPLO 615



227301

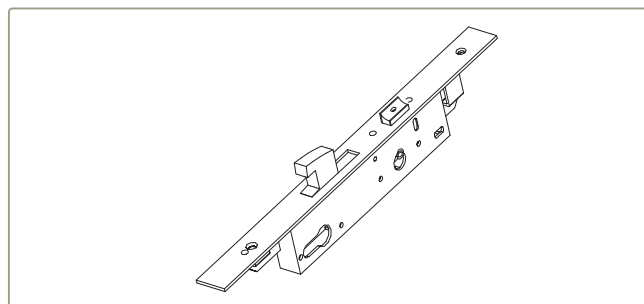
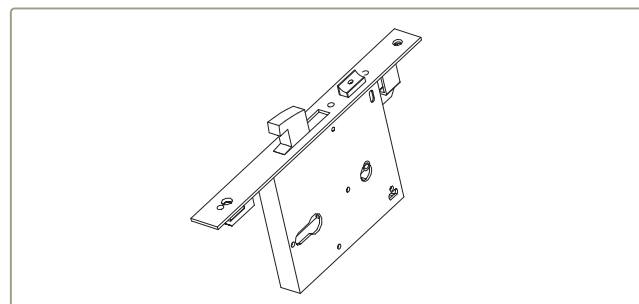
QUADRA AÇO 8mm PARA PUXADOR 874.31



227302

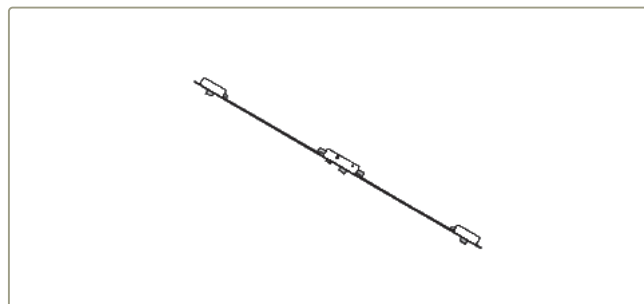
QUADRA DESCENTRADA 130mm

Para Puxador Duplo 615

201033  
201034FECHADURA 7797x30  
FECHADURA 7797x35

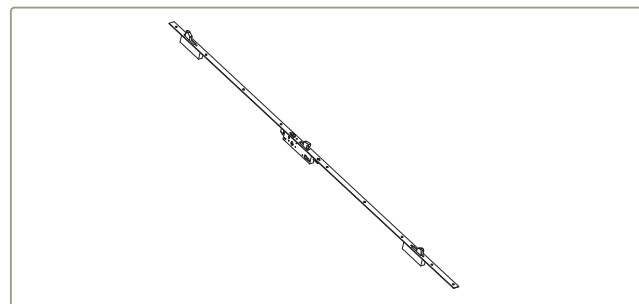
201013

FECHADURA DE ALMOFADA 5791x90



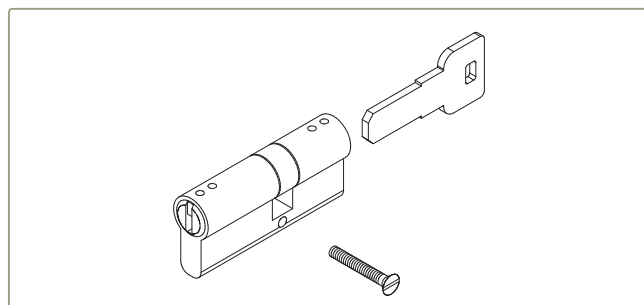
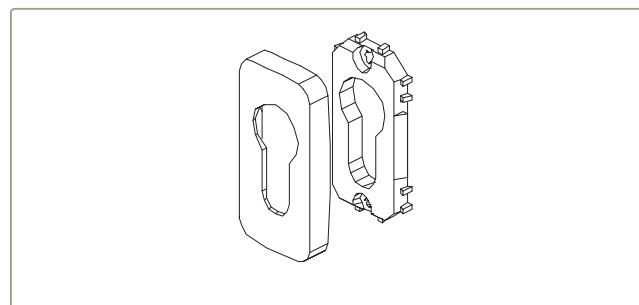
201550

FECHADURA DE 3 PONTOS 5570/27



201031

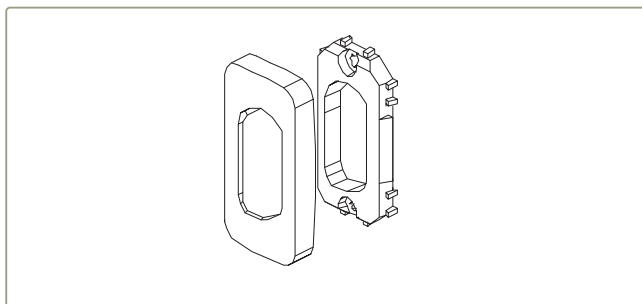
FECHADURA DE 3 PONTOS 7796x30

230040  
230004SEGREDO 30/45 (INCLUI 3 CHAVES)  
SEGREDO SEGURANÇA SA/AT (INCLUI 5 CHAVES)

220190

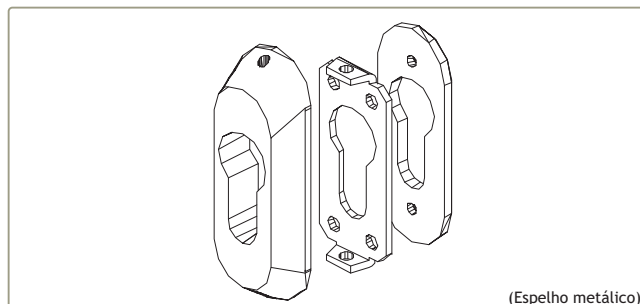
ESPELHO 874.801 (Br./Pr.)





220200

ESPELHO 874.802 (Br./Pr.)



(Espelho metálico)

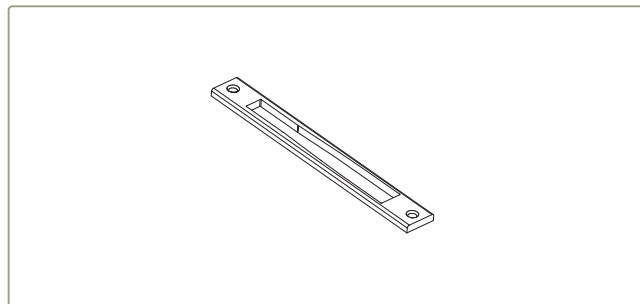
220008

ESPELHO PARA SEGURANÇA 5100 (Pr.)



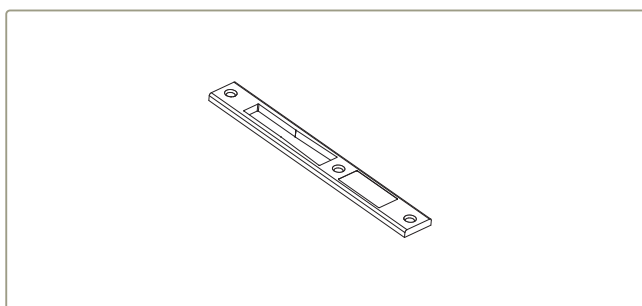
280200

TESTA FECHADURA 5791x90



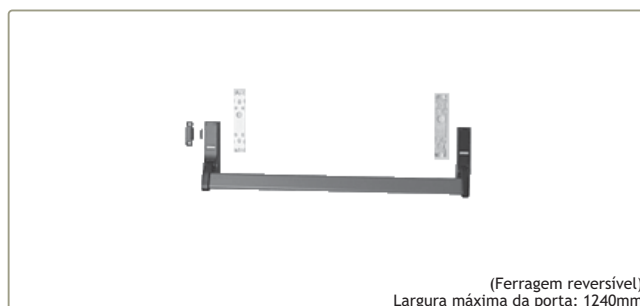
280230

TESTA FECHADURA STAND 2001



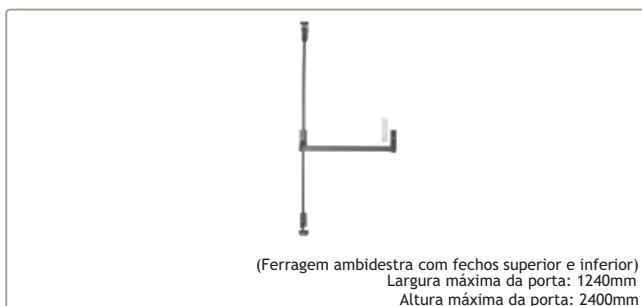
280220

TESTA FECHADURA PRUMO 2000

(Ferragem reversível)  
Largura máxima da porta: 1240mm

200001

ANTI-PÂNICO HORIZONTAL KH

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

200004

ANTI-PÂNICO VERTICAL KH.2



(Cremone reversível para anti-pânicoKH e KH.2)

200230

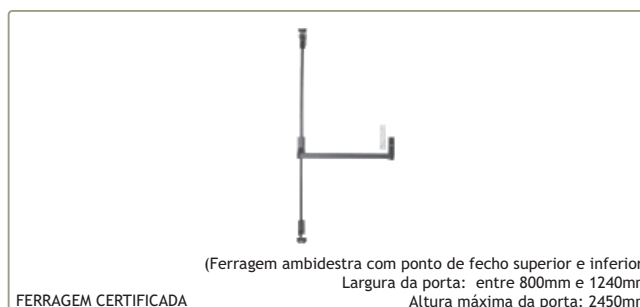
CREMONE COM FECHADURA KH.B.PR.

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

FERRAGEM CERTIFICADA

200912

ANTI-PÂNICO HORIZONTAL 6000.1/1200

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

FERRAGEM CERTIFICADA

200968

ANTI-PÂNICO VERTICAL 6000.2/1200



(Ferragem reversível)

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

FERRAGEM CERTIFICADA

200970

ANTI-PÂNICO HORIZONTAL 6100.1/1085



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

200988

ANTI-PÂNICO VERTICAL 6000.3/1200



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

FERRAGEM CERTIFICADA

000000

ANTI-PÂNICO VERTICAL 6100.2/1085



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

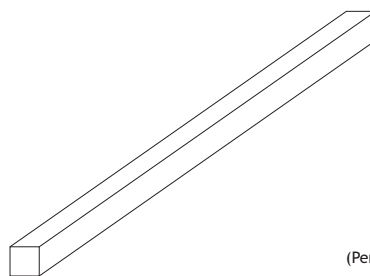
200971

ANTI-PÂNICO VERTICAL 6100.3/1085



200914

CREMONE COM FECHADURA 6000.875. Pr.



(Perfil em PVC com 3m)  
(Para o perfil SB 80)

219133

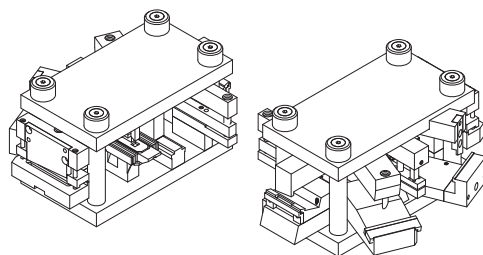
DESLIZADOR CALHA 1201



(Para mecanização do esquadro 18-1414-C)

220100

DISPOSITIVO MANUAL P18/14



(Para mecanização dos perfis excepto AT 09, 12 e 83)

408033

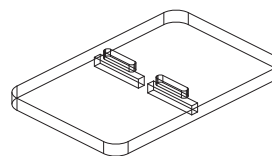
CORTANTE SA 2000 + AT 2100



(Fresas 2000+SB = Para os perfis de 45 mm)  
(Fresas SA/AT = Para os perfis de 52 mm)

406001  
000000

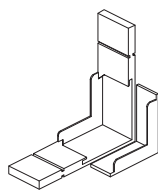
CONJUNTO FRESAS (3) SÉRIE 2000 + SB  
CONJUNTO FRESAS SA/AT - LINHA RECTA



(Para aplicar com o calço 38-8)

218125

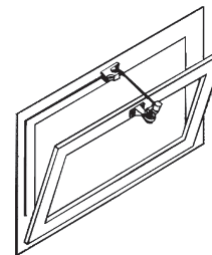
CALÇO SUPLEMENTAR PARA 38-8



(Para aplicar nos perfis sem bite)

218115

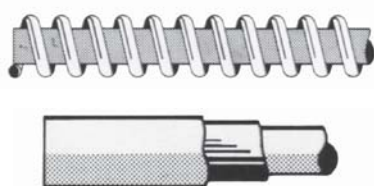
CALÇO PARA VIDRO DUPLO 38-8



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

223906

KIT COMPLETO QL. 1 (3m)



217118

231002

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



(Sem Bicha e sem Tubo)

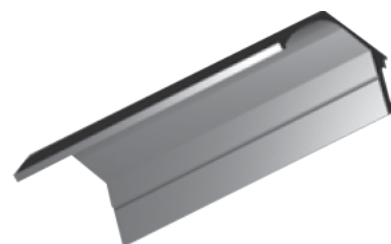
223760

KIT PARA BASCULANTE SIMPLES



213124

ACIONADOR MECÂNICO CINZA



(Puxador para sistema de rede mosquiteira)

200910

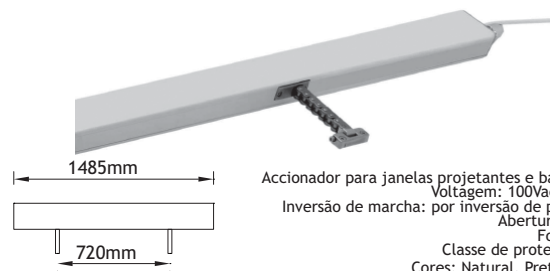
PUXADOR SIMPLES SOS



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

212640

ACIONADOR 40837Z



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

212036

ACIONADOR ELÉCTRICO DUPLO 240Vac 40989D(Nat.)



Para Acionador 40837Z  
Cores: Natural, Preto, Branco

230018

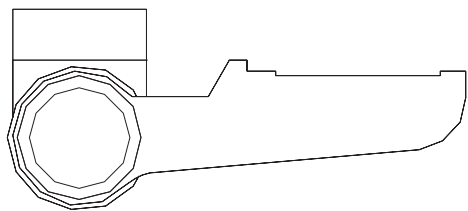
SUPORTE PARA MOTOR 40858U



Para Acionador 40989D  
Cores: Natural, Preto, Branco

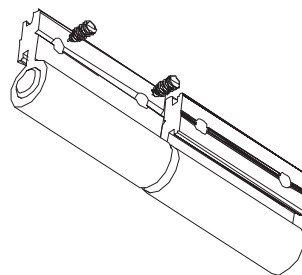
230463

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



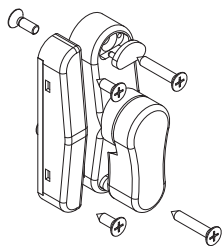
202229

DOBRADIÇA PARA SISTEMA TAPA-LUZ



202230

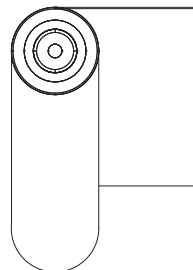
DOBRADIÇA PARA PORTADAS INTERIORES / REDE MOSQUITEIRA



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

231214

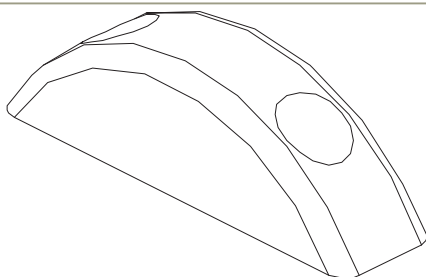
TRINCO REVERSÍVEL 9566 (Br. / Pr.)



Rolo de 30m x 1,60m

229105

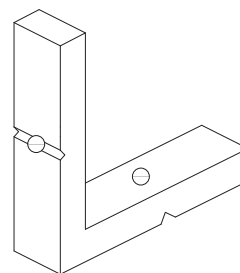
REDE MOSQUITEIRA EM FIBRA



(Aplicar em portadas interiores)

214146

BATENTE PARA PERSIANA 877.804



(Para os perfis KY 84 e KY 86)

204380

ESQUADRO 1108



2027

Material: EPDM  
(Rolo: 25m)

1027

Material: PVC  
(Rolo: 100m)208310  
208261VEDANTE PARA MOSQUITEIRA 1027 Pr.  
JUNTA ESTANQUICIDADE 2027

SB 63

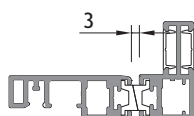
208264



2102

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

JUNTA ESTANQUICIDADE 2102

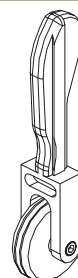


2036

(Para sistemas de portada interior ou rede mosquiteira)

215155

PERFIL MAGNÉTICO 2036



425001

ROLETA P/VED. CPT 150D



426003

TESOURA PARA VEDANTES MULTICOUP



218116

CALÇO SEPARADOR (50 x 70mm)



SUPORTE



ÂNGULO

230014  
213239SUPORTE DE FIXAÇÃO 100m  
ÂNGULO DE FIXAÇÃO 100mm

SUPORTE



ÂNGULO

230019  
213240SUPORTE DE FIXAÇÃO 120mm  
ÂNGULO DE FIXAÇÃO 120mmPresilha M6 x 37 mm  
(Aplicar com os perfis AT 31, AT 60, AT 61 e AT 81)

207220

PRESILHA M6 x 37mm

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

207203

PRESILHA M6 x 17mm

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

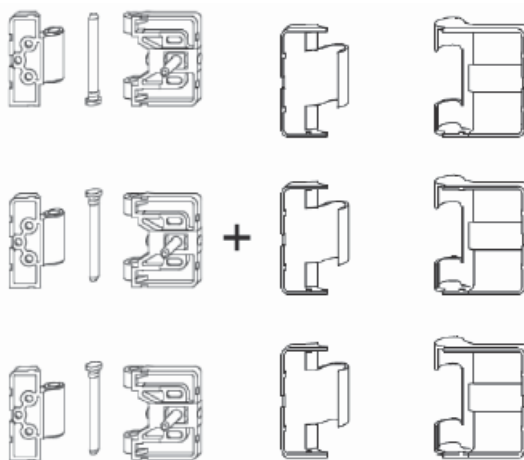
208704

PRODUTO DE LIMPEZA DE ALUMÍNIO (1L) Transparente

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

208019

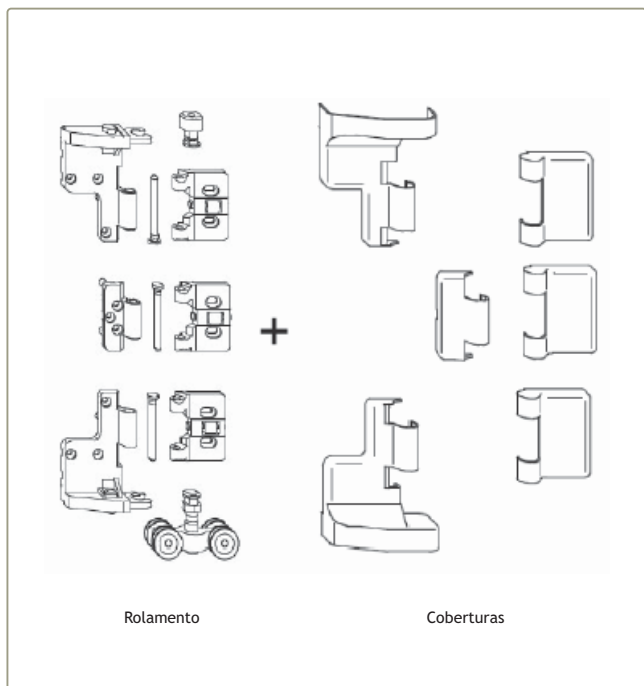
SELA JUNTAS 150gr. (Cinza)



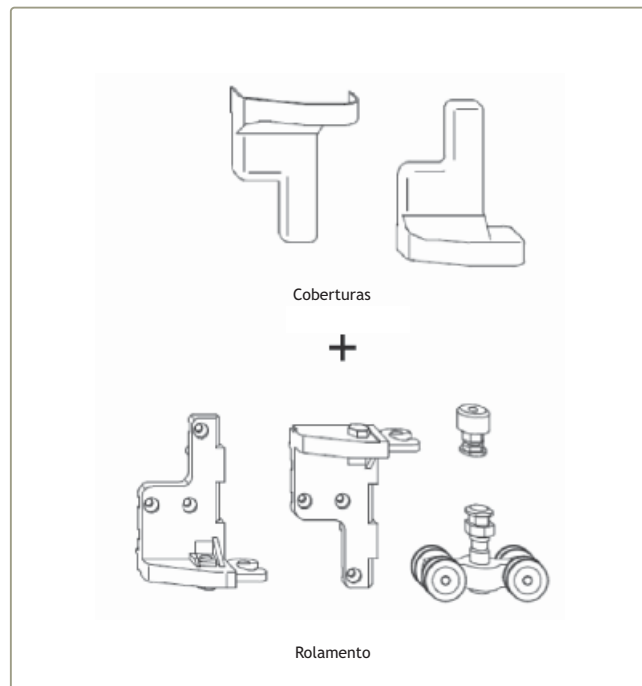
Dobradiças

Coberturas

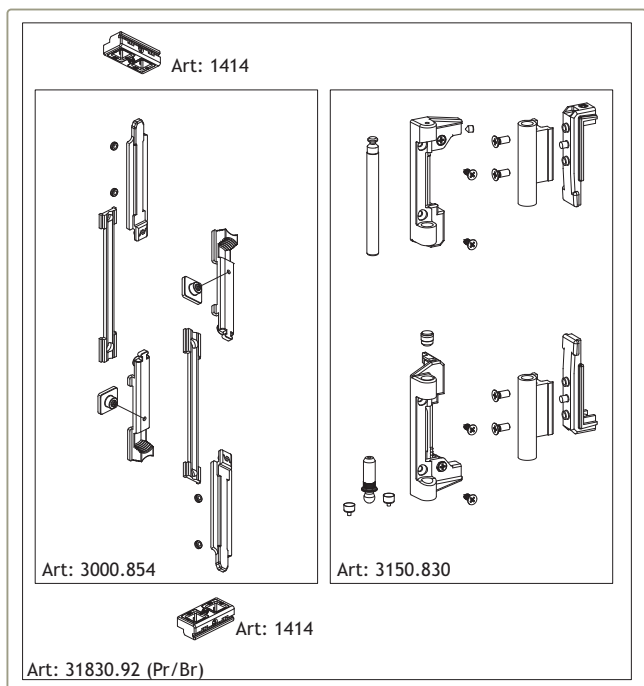
212064  
212879  
212878CONJUNTO DOBRADIÇAS FS-LM BRUTO  
CONJUNTO COBERTURAS P/DOBRADIÇAS FS-LM BRC  
CONJUNTO COBERTURAS P/DOBRADIÇAS FS-LM PRT



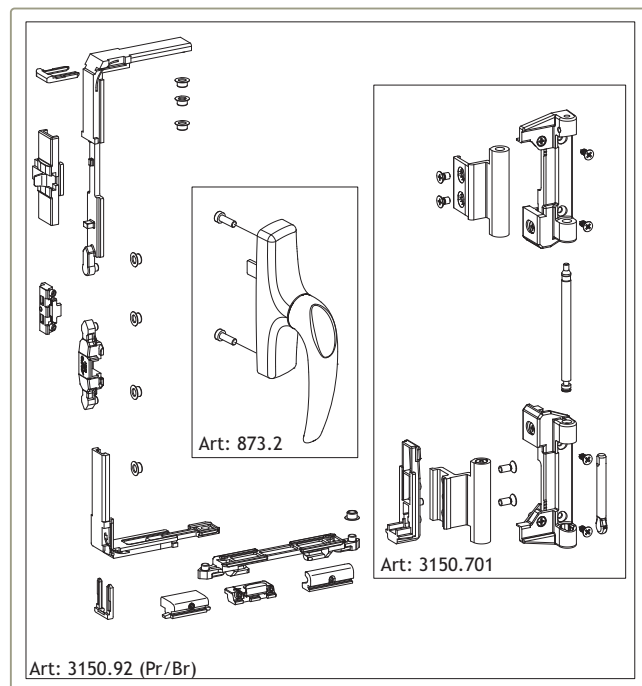
212321 CONJUNTO ROLAM. INTERM. FS-LM BRUTO  
212880 CONJUNTO COBERTURA P/ROLAM.INTERM. FS-LM BRC  
212877 CONJUNTO COBERTURAS P/ROLAM. INTERM. FS-LM PRT



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



223030 KIT 2ª FOLHA F31830.92 RB3 (Br./Pr.)



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



## **Pormenores de montagem**

Assembly details  
Détails d'assemblage







# JANELA DE BATENTE - LINHA RETA

CASEMENT WINDOW - STRAIGHT MODEL

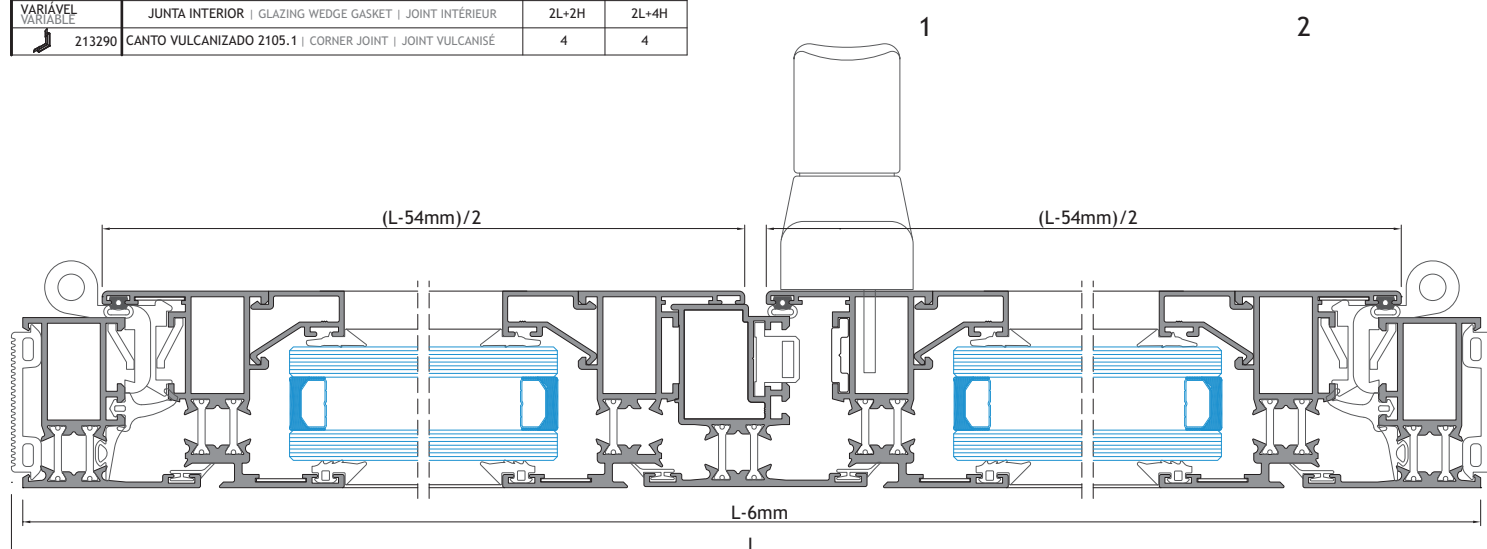
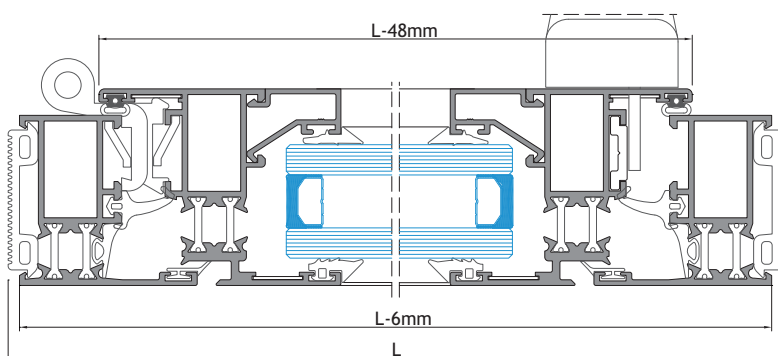
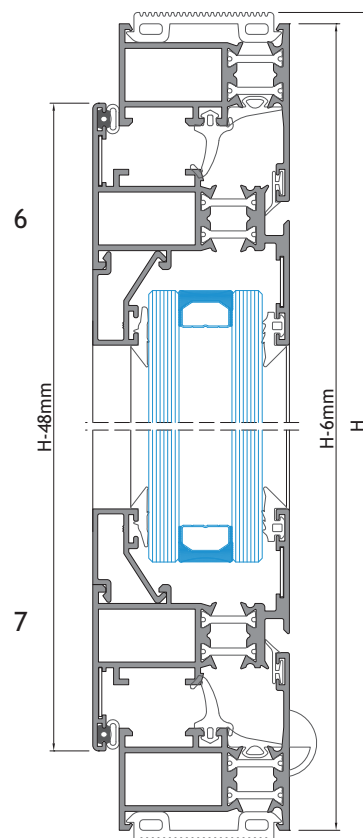
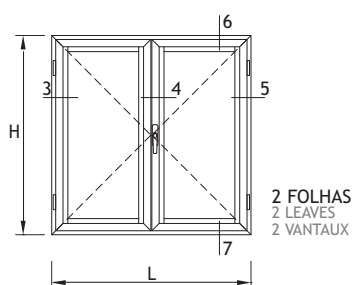
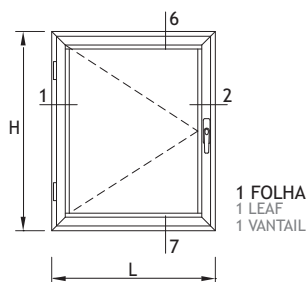
FENÊTRE À LA FRANÇAISE - LIGNE DROITE

PERFIS - JANELA DE 1 FOLHA				
PROFILES - 1 LEAF WINDOW   PROFILS - FENÊTRE À 1 VANTAIL				
REFERÊNCIA REFERENCE REFERENCE	CORTE HORIZONTAL HORIZONTAL DETAIL DETAIL HORIZONTAL	CORTE VERTICAL VERTICAL DETAIL DETAIL VERTICALE	QUANTIDADE QUANTITY QUANTITÉ	CORTE CUT COUPÉ
AT-01	L-6	H-6	2+2	
AT-02	L-48	H-48	2+2	
-	OPÇÃO	OPÇÃO	2+2	
SA-33	-	OPÇÃO	2	

PERFIS - JANELA DE 2 FOLHAS				
PROFILES - 2 LEAVES WINDOW   PROFILS - FENÊTRE À 2 VANTAUX				
REFERÊNCIA REFERENCE REFERENCE	CORTE HORIZONTAL HORIZONTAL DETAIL DETAIL HORIZONTAL	CORTE VERTICAL VERTICAL DETAIL DETAIL VERTICALE	QUANTIDADE QUANTITY QUANTITÉ	CORTE CUT COUPÉ
AT-01	L-6	H-6	2+2	
AT-02	(L-54)/2	H-48	4+4	
AT-06	-	H-116	1	
-	OPÇÃO	OPÇÃO	2+2	
SA-33	-	OPÇÃO	4	

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 5/SB   ANGLE   COIN	4	8	
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	
202091	CONTRA-FEC. 1414   COUNTER-LOCK   CONTRE-FERMETURE	2	-	
218194	CALÇOS P/VIDRO EURO 2000   GLAZING SHIM   CALE POUR VITRAGE	Diversos Several   Divers	Diversos Several   Divers	
202310	CONTRA-FEC. DUPLO REG. 2020   COUNTER-LOCK   CONTRE-FERMETURE	-	2	
201507	FECHO SEMI-AUT.P/2F. C5001   2ND LEAF LOCKER   FERMETURE P/ 2EME VANTAIL	-	2	
212088	CONJ. TAMP. INV. AT FLEX   END-CAP KIT   KIT DE EMBOUTE	-	1	

VEDANTES SEALANTS   JOINTS				
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ		
		1 FOLHA LEAF   VANTAIL	2 FOLHAS LEAF   VANTAIL	
208008	VD 2051	2L+2H	2L+3H	
208276	VD 2012	2L+2H	2L+4H	
208486	VD 2105N	2L+2H	2L+3H	
208410	VD 2006	2L+2H	2L+4H	
208350	VD 2003	2L+2H	2L+2H	
208907	VD 2059	2L+2H	2L+4H	
VARIÁVEL VARIABLE	JUNTA INTERIOR   GLAZING WEDGE GASKET   JOINT INTÉRIEUR	2L+2H	2L+4H	
213290	CANTO VULCANIZADO 2105.1   CORNER JOINT   JOINT VULCANISÉ	4	4	



3

4

5

ESC:1/2

## JANELA DE BATENTE DE 1 FOLHA - LINHA OCULTA

1 LEAF CASEMENT WINDOW - CONCEALED MODEL

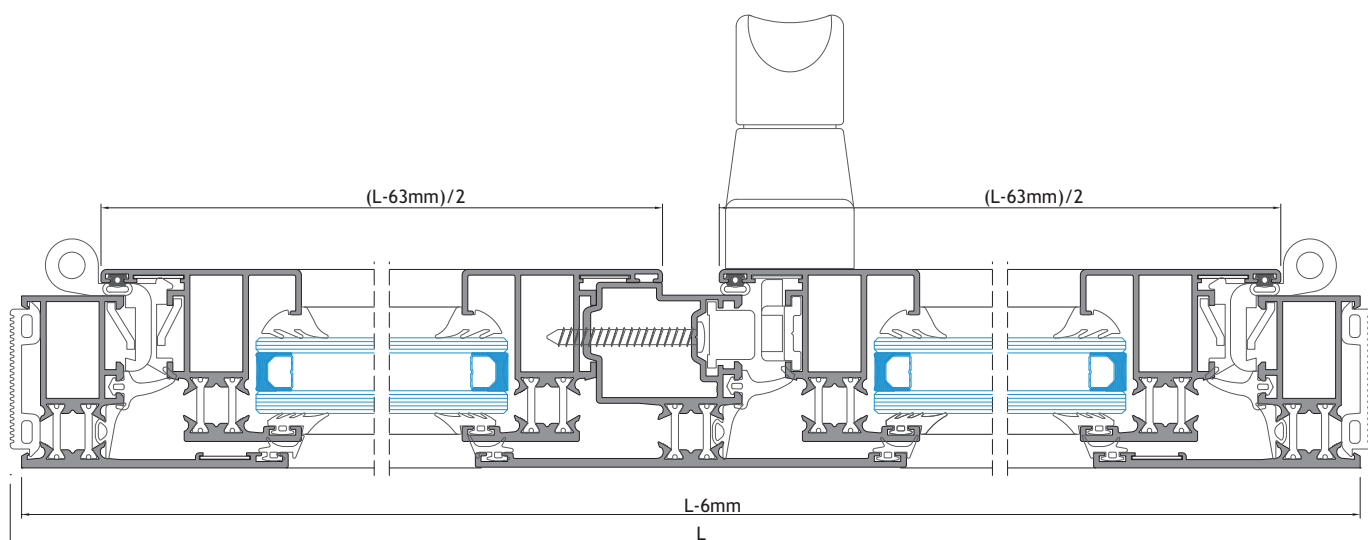
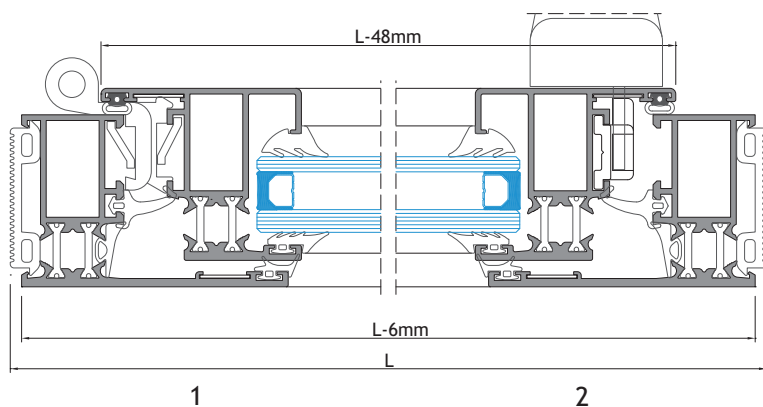
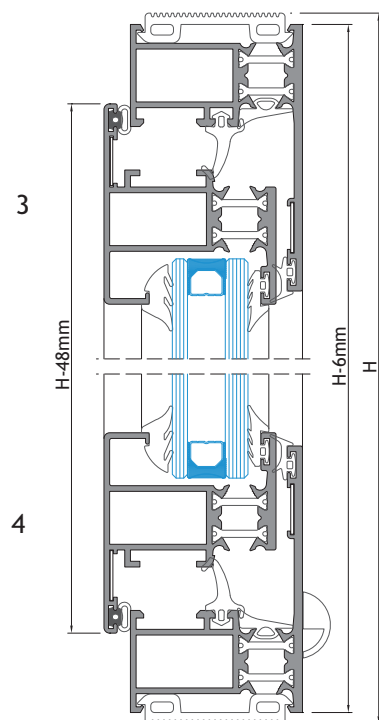
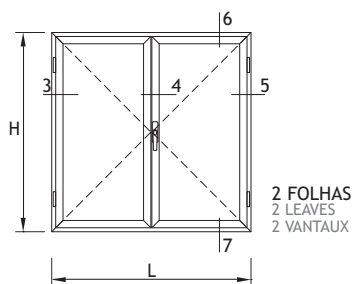
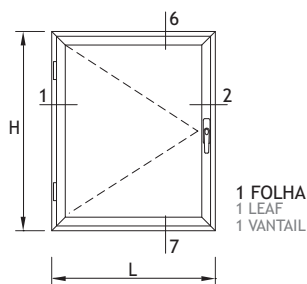
FENÊTRE À LA FRANÇAISE 1 VANTAIL - LIGNE CACHÉ

PERFIS - JANELA DE 1 FOLHA				
PROFILES - 1 LEAF WINDOW   PROFILS - FENÊTRE À 1 VANTAIL				
REFERÊNCIA REFERENCE REFERENCE	CORTE HORIZONTAL HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERTICAL VERTICAL DETAIL DÉTAIL VERTICALE	QUANTIDADE QUANTITY QUANTITÉ	CORTE CUT COUPÉ
AT-71	L-6	H-6	2+2	
AT-72	L-48	H-48	2+2	
SA-33	-	VARIÁVEL VARIABLE	2	

PERFIS - JANELA DE 2 FOLHAS				
PROFILES - 2 LEAVES WINDOW   PROFILS - FENÊTRE À 2 VANTAUX				
REFERÊNCIA REFERENCE REFERENCE	CORTE HORIZONTAL HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERTICAL VERTICAL DETAIL DÉTAIL VERTICALE	QUANTIDADE QUANTITY QUANTITÉ	CORTE CUT COUPÉ
AT-71	L-6	H-6	2+2	
AT-72	(L-63)/2	H-48	4+4	
AT-76	-	H-161	4+4	
SA-33	-	VARIÁVEL VARIABLE	4	

ACESSÓRIOS ACCESSORIES   ACCESSOIRES			
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ 1 FOLHA LEAF   VANTAIL	
210154	GOTEIRA 1875   DRIP   GOUTTIÈRE	2	2
213246	CANTO CR S/SB   ANGLE   COIN	8	12
204728	ESQUADRO AT E. P.   BLOCKING BRACKET   ÉQUERRE	4	4
204154	ESQUADRO AT 2100 PEQ.   BLOCKING BRACKET   ÉQUERRE	4	8
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
202091	CONTRA-FEC. 1414   COUNTER-LOCK   CONTRE-FERMETURE	2	-
202310	CONTRA-FEC. DUPLO REG. 2020   COUNTER-LOCK   CONTRE-FERMETURE	-	2
201507	FECHO SEMI-AUT.P/2F. C5001   2ND LEAF LOCKER   FERMETURE P/2ÈME VANTAIL	-	1
212482	CONJ. INV. AT OCULTO FLEX   END-CAP KIT   KIT DE EMBOUTE	-	1

VEDANTES SEALANTS   JOINTS			
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ 1 FOLHA LEAF   VANTAIL	
208008	VD 2051	2L+2H	2L+3H
208350	VD 2003	2L+2H	2L+4H
208410	VD 2006	2L+2H	2L+3H
208907	VD 2059	2L+2H	2L+2H
VARIÁVEL VARIABLE	JUNTA INTERIOR   GLAZING WEDGE GASKET   JOINT INTÉRIEUR	2L+2H	2L+4H
208486	VD 2105N	2L+2H	2L+3H
208906	VD 2152	2L+2H	2L+4H
213290	CANTO VULCANIZADO 2105.1N   CORNER JOINT   JOINT VULCANISÉ	4	4



ESC: 1/2

1

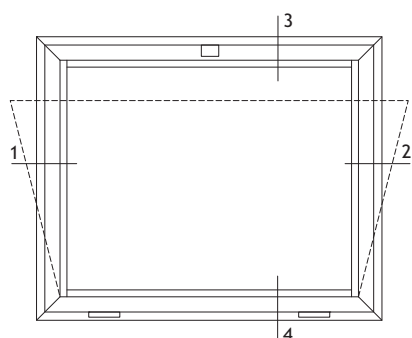
2

3

## JANELA BASCULANTE - LINHA DECORATIVA

HOPPER WINDOW - DECORATIVE MODEL

FENÊTRE À SOUFFLET - LIGNE DÉCORATIVE



3

DT 07

FECHO 1370.1  
LOCK 1370.1  
SERRURE 1370.1

MOLA EURO 2000  
CLAMP 2000  
CLAMEAUX 2000

JUNTA DE CUNHA  
GLAZING WEDGE GASKET  
JOINT INTÉRIEUR

BITE  
GLAZING BEAD  
PARCLOSE

DT 85

DOBRADIÇA 1121.1  
HINGE 1121.1  
PAUMELLE 1121.1

DT 07

VD 2061

JUNTA 2003  
GLAZING GASKET 2003  
JOINT EXTÉRIEUR 2003

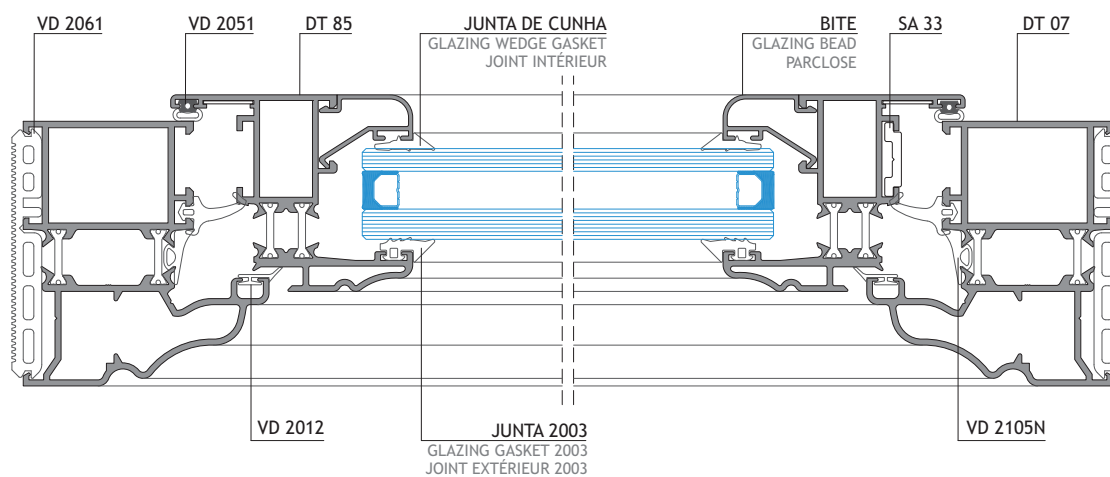
VD 2012

VD 2105N

VD 2006

GOTEIRA 1875  
DRIP 1875  
GOUTTIÈRE 1875

4



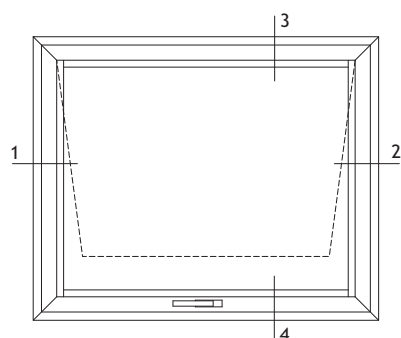
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2

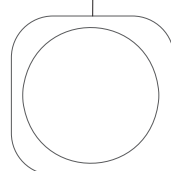
# JANELA PROJETANTE - LINHA RETA

AWNING WINDOW - STRAIGHT MODEL

FENÊTRE À L'ITALIENNE - LIGNE DÉCORATIVE



COMANDO 1206/1  
HANDLE 1206/1  
POIGNÉE 1206/1



3

4

AT 01

AT 10

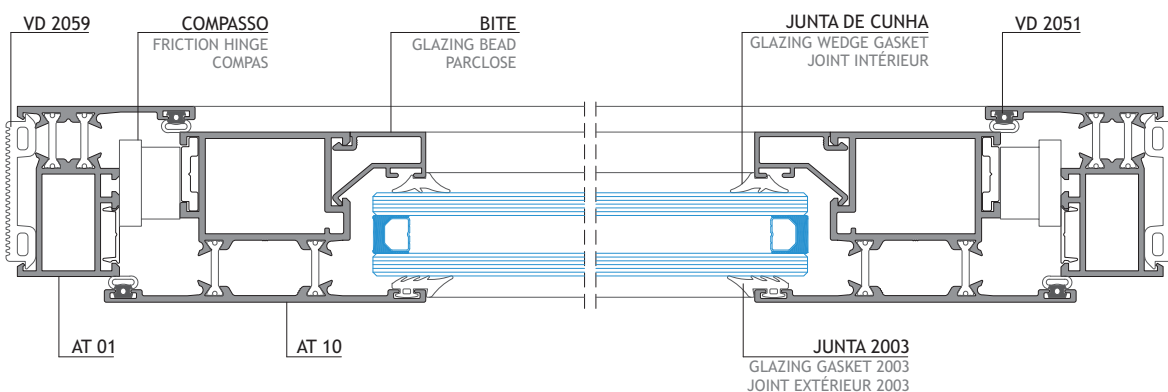
BITE  
GLAZING BEAD  
PARCLOSE

JUNTA DE CUNHA  
GLAZING WEDGE GASKET  
JOINT INTÉRIEUR

JUNTA 2003  
GLAZING GASKET 2003  
JOINT EXTÉRIEUR 2003

VD 2059

VD 2051

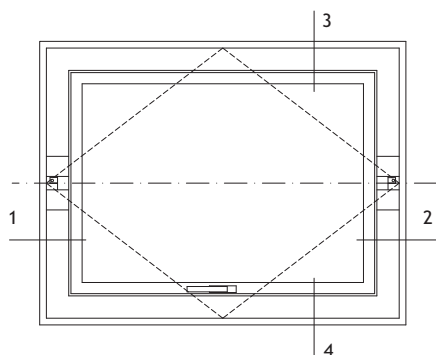


1

2

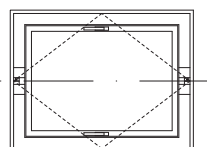
## JANELA PIVOTANTE HORIZONTAL

CENTER PIVOT HORIZONTAL WINDOW  
FENÊTRE BASCULANTE



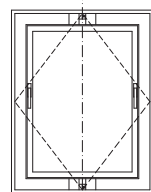
TIPOLOGIAS POSSÍVEIS | POSSIBLE TYPOLOGIES | DIFFÉRENT TYPOLOGIES

**Pivotante horizontal**  
Center pivot horizontal  
Basculante

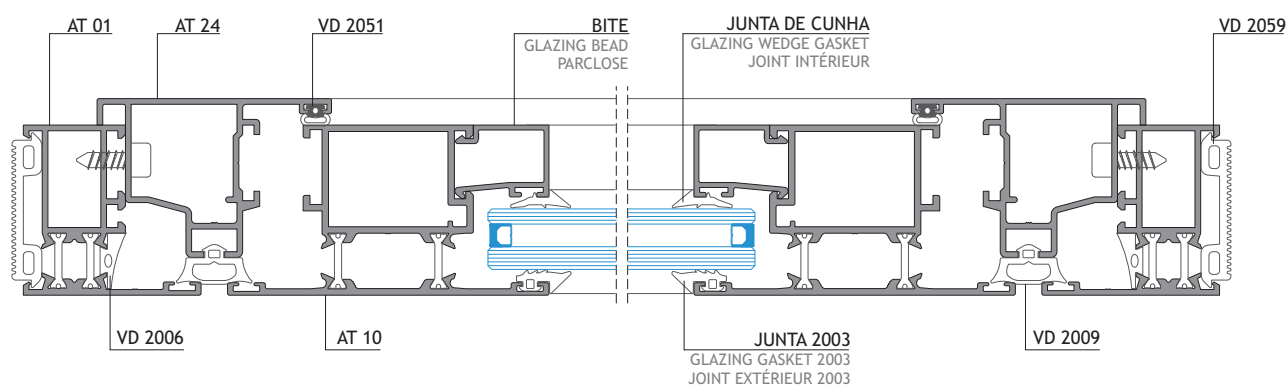
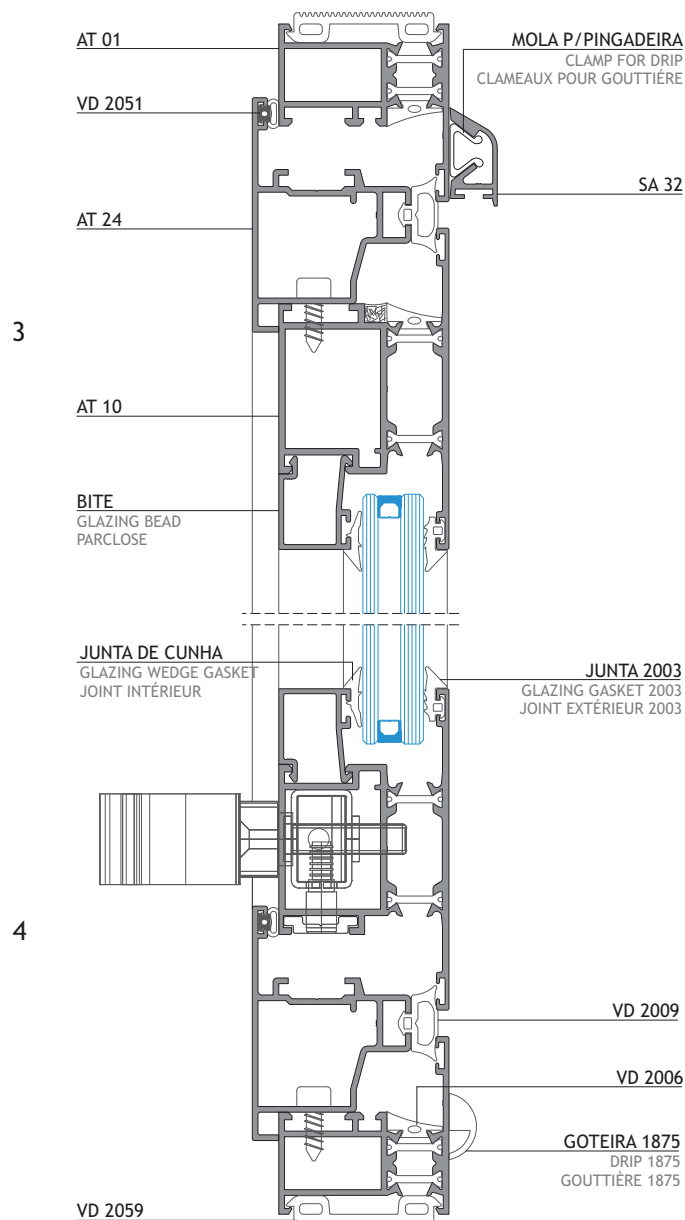


**Peso Máximo: 80Kg**  
Maximum weight | Poids maximale  
**Aberturas: Superior ou Inferior**  
Openings: Upper or Lower  
Ouvertures: Supérieure ou Inférieure

**Pivotante vertical**  
Center pivot vertical  
Pivotante,



**Peso Máximo: 60Kg**  
Maximum weight | Poids maximale  
**Aberturas: Esquerda ou Direita**  
Openings: Left or Right  
Ouvertures: À gauche ou à droit



1

2

ESC: 1/2

## PORTA DE 1 FOLHA - ABERTURA PARA INTERIOR

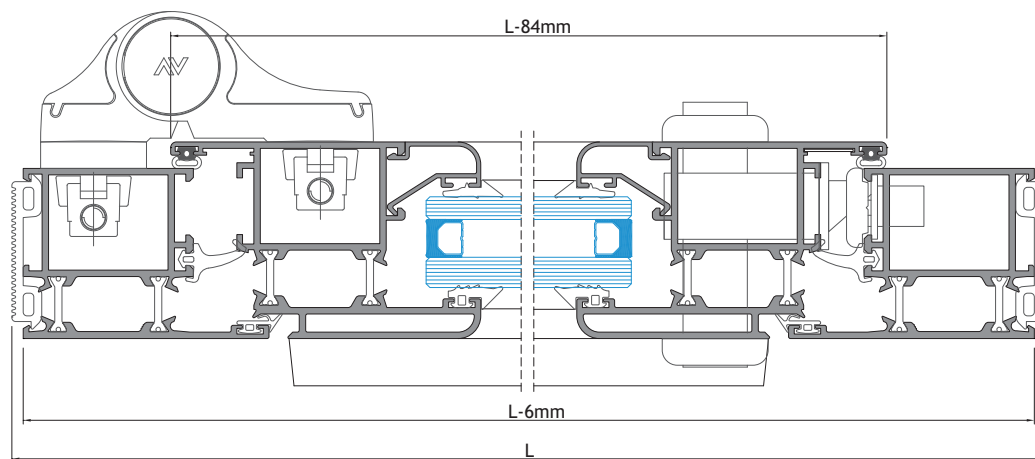
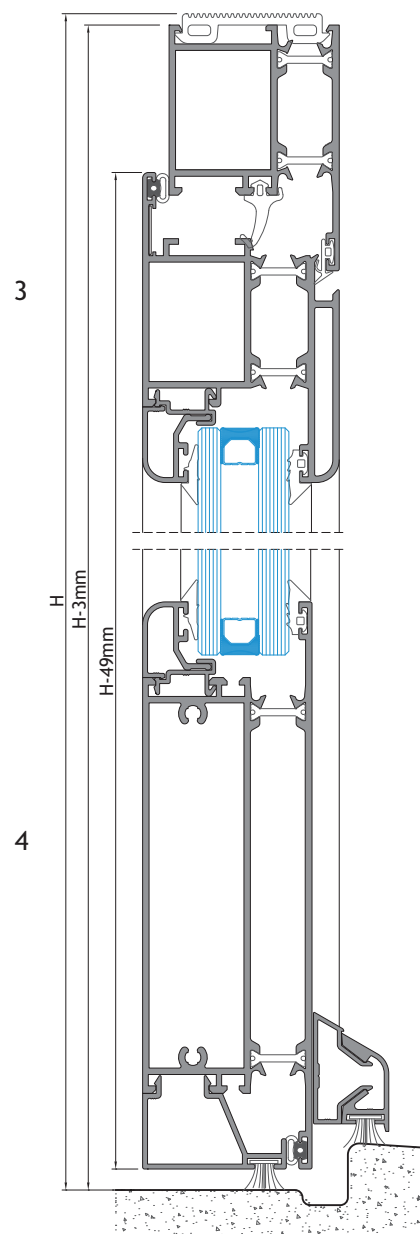
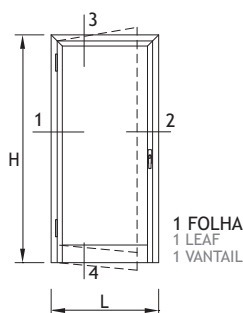
1 LEAF DOOR - INWARD OPENING

PORTE 1 VANTAIL - OUVERTURE VERS L'INTÉRIEUR

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

ACESSÓRIOS ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
200747	PUXADOR DUPLO 874.31   DOUBLE HANDLE   POIGNÉE DOUBLE	1
201550	FECH. 3 PONTOS 5570/27   3 POINTS LOCKER   SERRURE DE 3 POINTS	1
230040	SEGREDO 30/45   CYLINDER LOCK   CYLINDRE DE SERRURE	1
280220	TESTA FECHADURA PRUMO 2000   STRICKING PLATE   GÂCHE	1
280230	TESTA FECHADURA PRUMO 2001   STRICKING PLATE   GÂCHE	2
220200	ESPELHO 874.802   CYLINDER BACK PLATE   COUVERCLE DE CYLINDRE	2
212346	CONJUNTO TAPA-TOPOS SA32   END-CAP KIT   KIT DE EMBOUTE	1
204730	ESQUADRO AT E. G.   BLOCKING BRACKET   ÉQUERRE	4
202010	DOB. MECHANICA 1145/60   HINGE   PAUMELLE	2
223100	KIT DOB. MECHANICA 1145/705   HINGE KIT   KIT P/PAUMELLE	2
218170	CALÇO P/DOB. MECHANICA 1145.703/7   HINGE SHIM   CALE P/PAUMELLE	2
213246	CANTO CR S/SB   ANGLE   COIN	2
218194	CALÇOS P/VIDRO EURO 2000   GLAZING SHIM   CALE P/VITRAGE	Diversos Several   Divers

VEDANTES SEALANTS   JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
208008	VD 2051	2L+2H
208278	VD 2112	L+2H
208486	VD 2105N	L+2H
208350	VD 2003	2L+2H
208907	VD 2059	L+2H
VARIÁVEL VARIABLE	CUNHA PARA VIDRO	2L+2H
213290	CANTO VULCANIZADO 2105.1N   CORNER JOINT   JOINT VULCANISÉ	2
208464	PELÚCIA 8.5x12 STOP-FIN   PLUSH   JOINT BROUSSE	2L

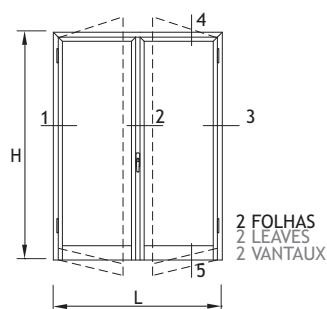


## PORTA DE 2 FOLHAS - ABERTURA PARA INTERIOR

2 LEAVES DOOR - INWARD OPENING

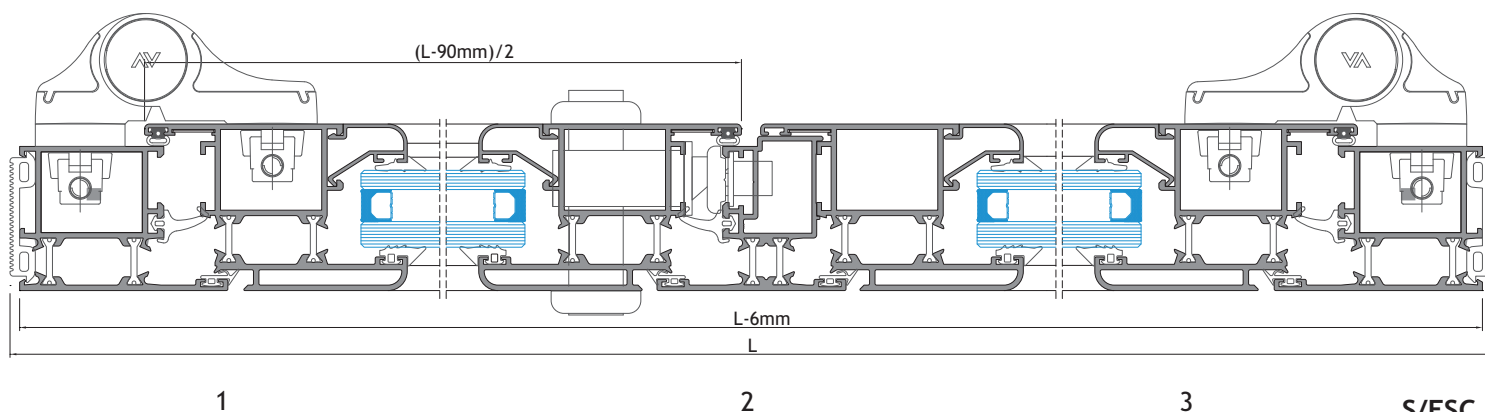
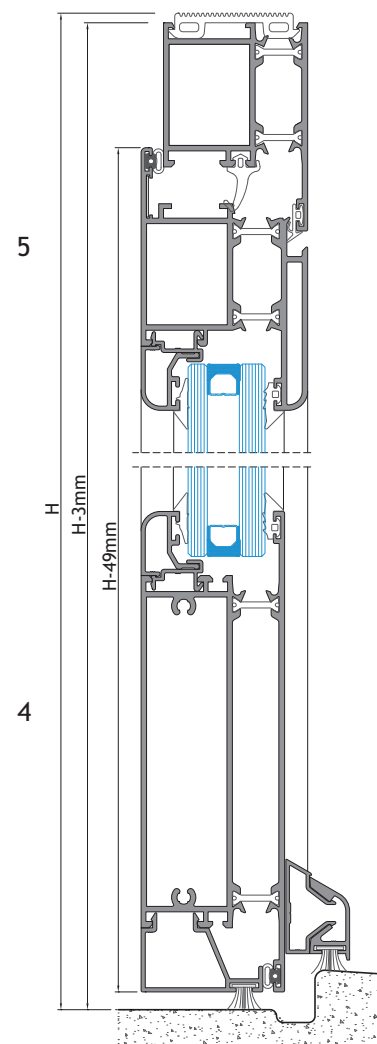
PORTE 2 VANTAUX - OUVERTURE VERS L'INTÉRIEUR

PERFIS - PORTA DE 1 FOLHA PROFILES - 1 LEAF DOOR   PROFILS - PORTE À 1 VANTAIL				
REFERÊNCIA REFERENCE RÉFÉRENCE	CORTE HORIZONTAL HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERTICAL VERTICAL DETAIL DÉTAIL VERTICALE	QUANTIDADE QUANTITY QUANTITÉ	CORTE CUT COUPÉ
AT-07	L-6	H-3	1+2	
AT-88	(L-90)/2	H-49	2+4	
AT-06	-	H-83	1	
AT-14	(L-320)/2	-	2	
SA-31	(L-418)/2	-	2	
SA-32	Opção   Option   Option	-	2	
AT-59	Opção   Option   Option	-	2	
-	Opção   Option   Option	Opção   Option   Option	4+4	



ACESSÓRIOS ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
200747	PUXADOR DUPLO 874.31   DOUBLE HANDLE   POIGNÉE DOUBLE	1
201550	FECH. 3 PONTOS 5570/27   3 POINTS LOCKER   SERRURE DE 3 POINTS	1
230040	SEGREGO 30/45   CYLINDER LOCK   CYLINDRE DE SERRURE	1
280220	TESTA FECHADURA PRUMO 2000   STRICKING PLATE   GÂCHE	1
280230	TESTA FECHADURA PRUMO 2001   STRICKING PLATE   GÂCHE	2
220200	ESPELHO 874.802   CYLINDER BACK PLATE   COUVERCLE DE CYLINDRE	2
212346	CONJUNTO TAPA-TOPOS SA32   END-CAP KIT   KIT DE EMBOUTE	1
204730	ESQUADRO AT E. G.   BLOCKING BRACKET   ÉQUERRE	6
202010	DOB. MECHANICA 1145/60   HINGE   PAUMELLE	4
223100	KIT DOB. MECHANICA 1145/705   HINGE KIT   KIT P/PAUMELLE	4
218170	CALÇO P/DOB. MECHANICA 1145.703/7   HINGE SHIM   CALE P/PAUMELLE	4
213246	CANTO CR S/SB   ANGLE   COIN	4
225205	PASSADOR 2ª FOLHA 1545.2   2ND LEAF LOCKER   FERMETURE POUR 2ème VANTAIL	2
202077	CONTRA-FECHO 1404   COUNTER-LOCK   CONTRE-FERMETURE	2
218194	CALÇOS P/VIDRO EURO 2000   GLAZING SHIM   CALE P/VITRAGE	Opção   Option   Option

VEDANTES SEALANTS   JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION   DÉSIGNATION	QUANTIDADE QUANTITY   QUANTITÉ
208008	VD 2051	2L+3H
208278	VD 2112	L+4H
208486	VD 2105N	L+3H
208350	VD 2003	2L+4H
208907	VD 2059	L+2H
VARIÁVEL VARIABLE	CUNHA PARA VIDRO	2L+4H
213290	CANTO VULCANIZADO 2105.1N   CORNER JOINT   JOINT VULCANISÉ	2
208464	PELÚCIA 8.5x12 STOP-FIN   PLUSH   JOINT BROUSSE	2L

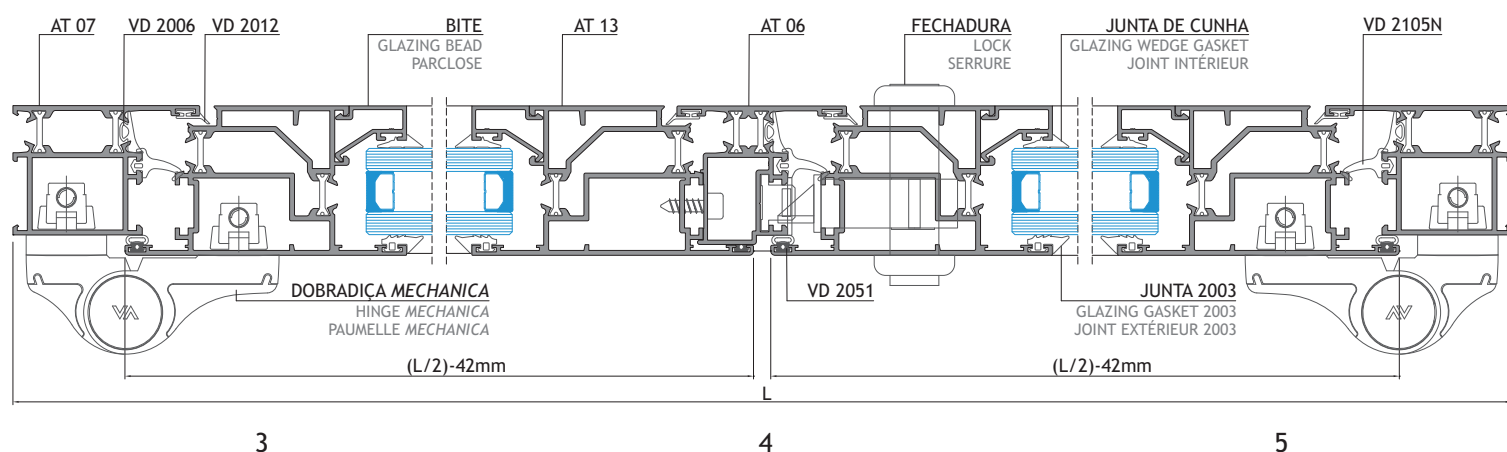
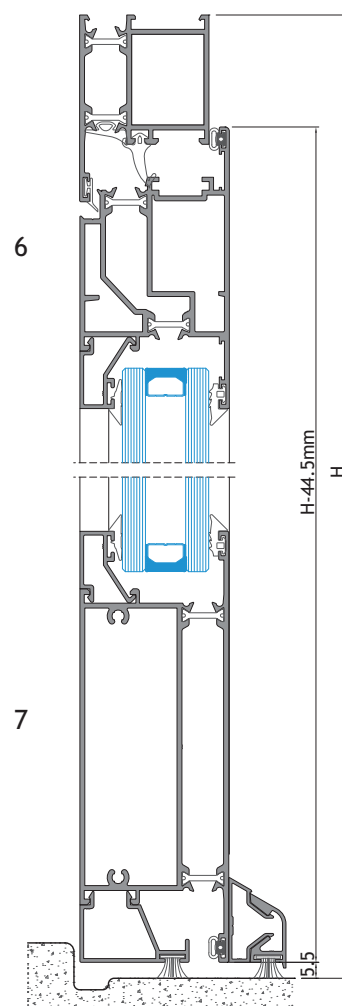
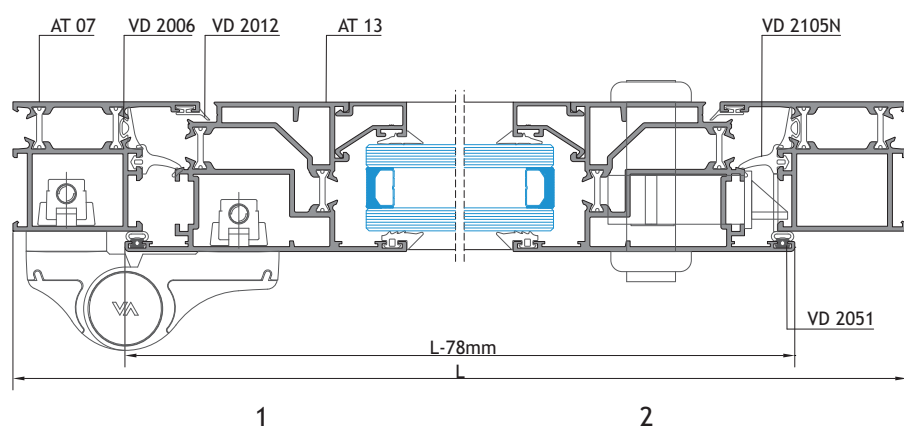
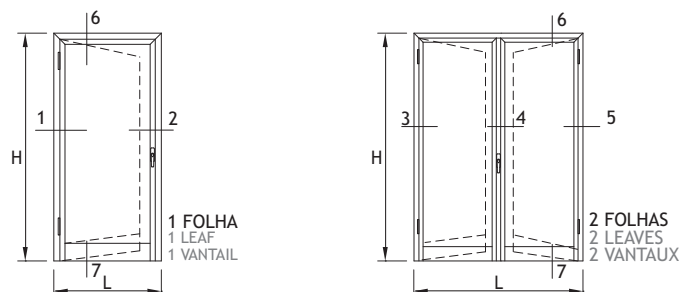


S/ESC.

# PORTA DE ABERTURA PARA EXTERIOR

OUTWARD OPENING DOOR

PORTE DE OUVERTURE VERS L'EXTÉRIEUR

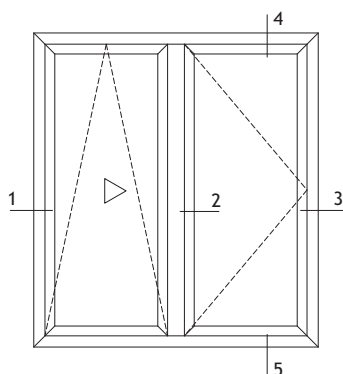




# PORTA OSCILO-PARALELA COM FOLHA LATERAL DE BATENTE

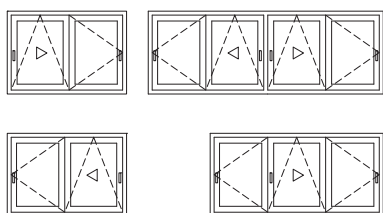
TILT AND SLIDE DOOR WITH SIDE OPENING LEAF

PORTE OSCILLO-COULISSANTE AVEC VANTAIL LATÉRAL DE BATTANTE

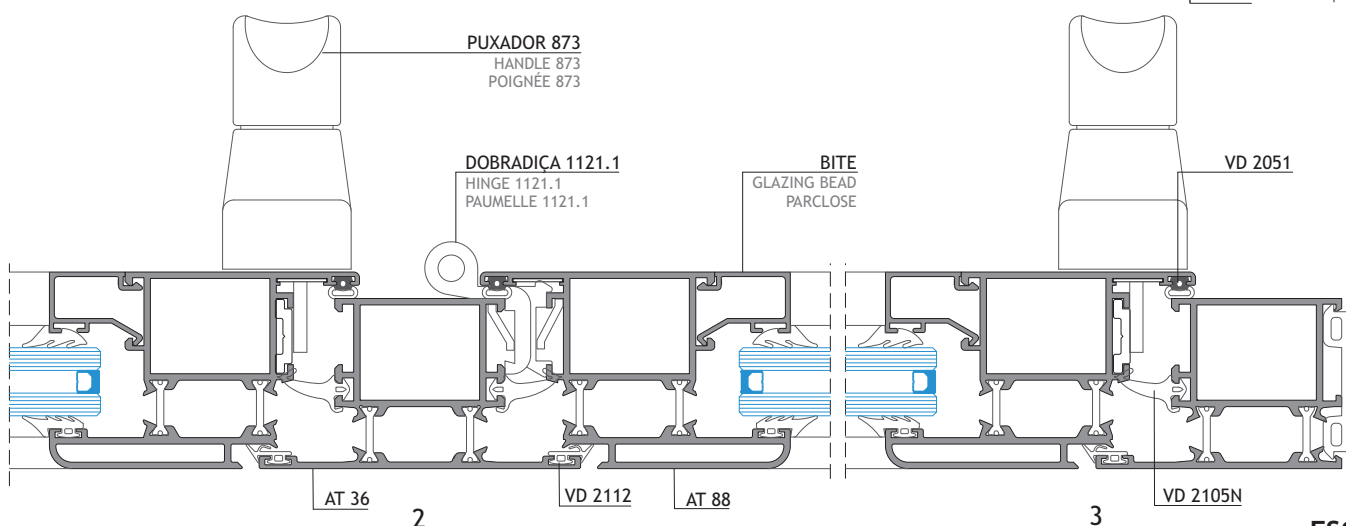
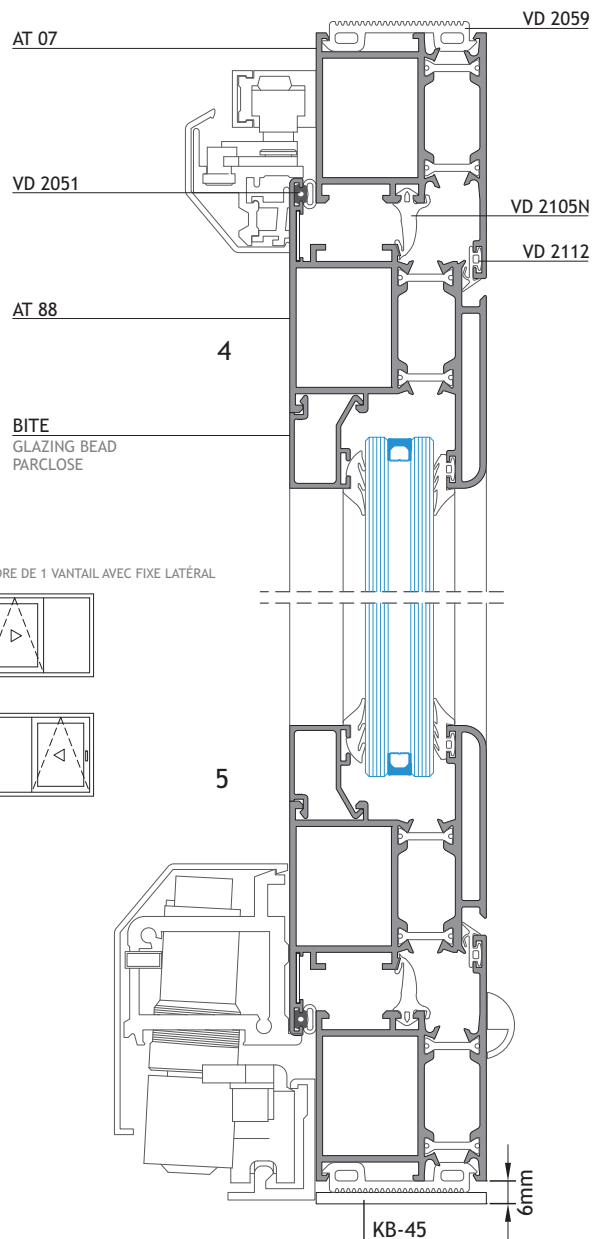
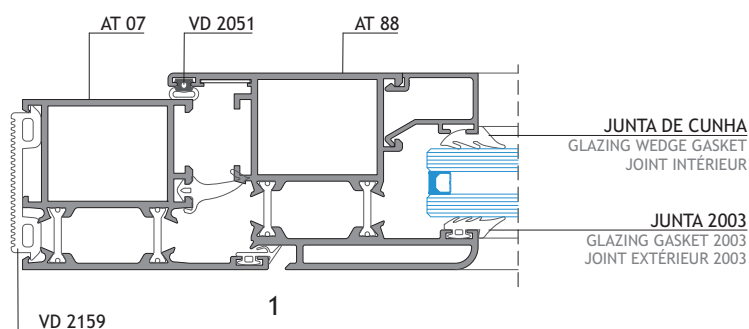
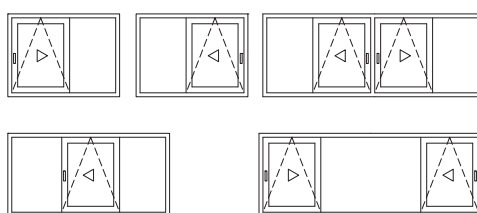


## EXEMPLOS DE COMBINAÇÕES POSSÍVEIS POSSIBLE COMBINATIONS | COMBINAISONS POSSIBLES

### 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 FRAMES OF 1 LEAF WITH LATERAL FIXED FRAME | POUR CADRE DE 1 VANTAIL AVEC FIXE LATÉRAL



PORMENORES INFORMATIVOS. PARA PROJECTOS ESPECÍFICOS, CONSULTAR O NOSSO DEPARTAMENTO TÉCNICO.  
INFORMATIVE DETAILS. FOR SPECIFIC PROJECTS CONSULT OUR TECHNICAL DEPARTMENT.  
DÉTAILS D'INFORMATION. POUR DES PROJETS SPÉCIFIQUES CONSULTER NOTRE DÉPARTEMENT TECHNIQUE.

ESC: 1/2

### 3 LEAVES FOLDING DOOR

PORTE REPLIABLE 3 VANTAUX

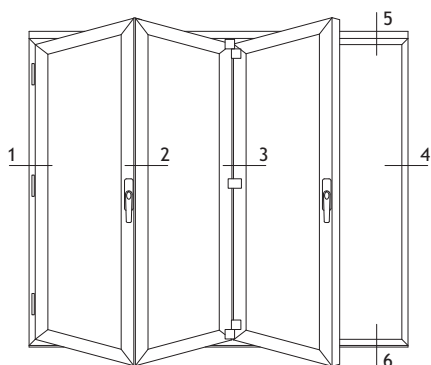
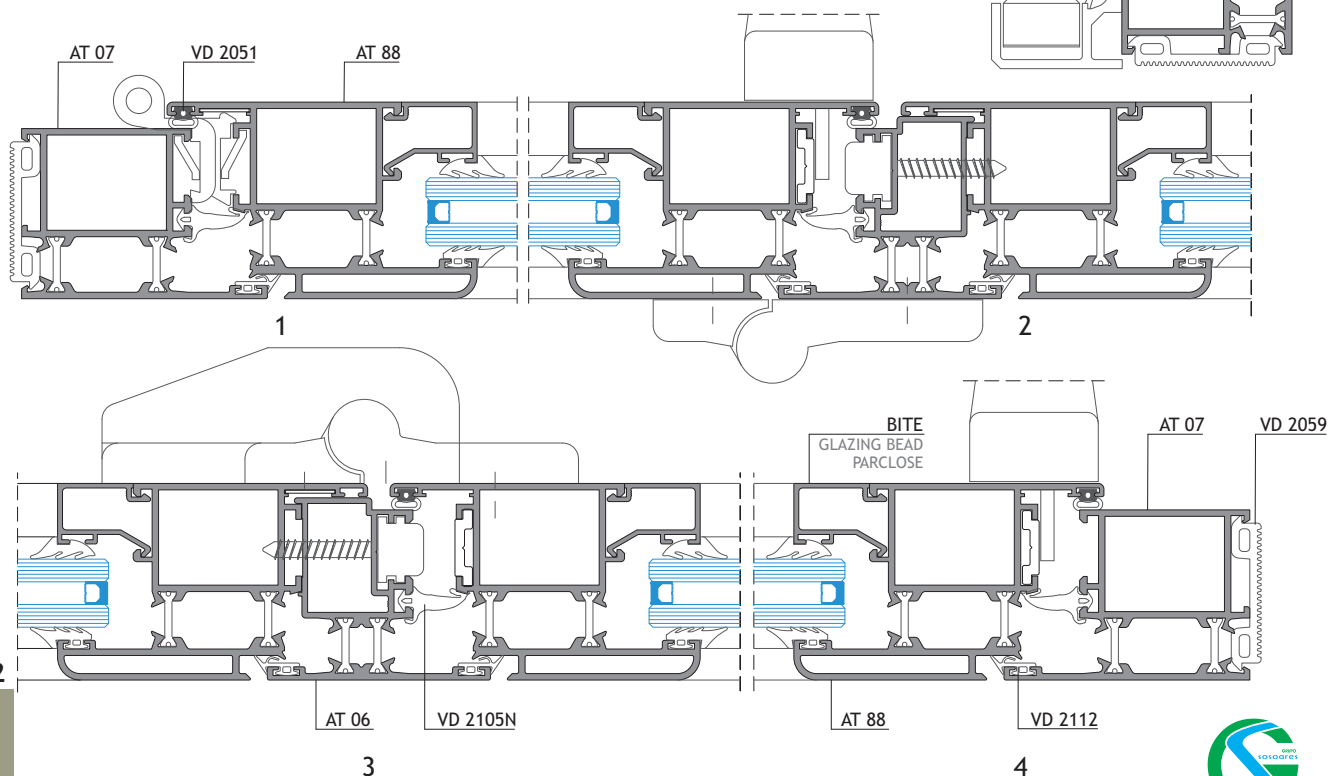
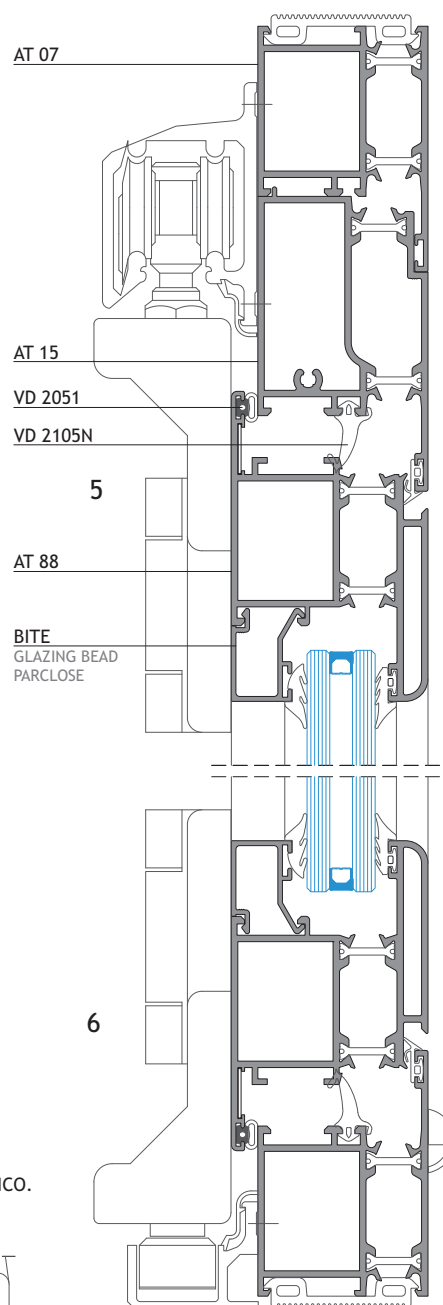


Figure 1 displays 12 different window configurations, labeled ESQUEMA 321 through ESQUEMA 743. Each diagram shows a set of window panes with various combinations of fixed and movable sections. Some panes are marked with a diagonal line, indicating they are broken or damaged. The configurations are arranged in three rows: the first row contains ESQUEMA 321, 330, 431, 541, and 550; the second row contains ESQUEMA 532, 651, and 633; and the third row contains ESQUEMA 761, 770, and 743. Below each window diagram is a corresponding diagram of the window frame or sill, showing the placement of the panes.

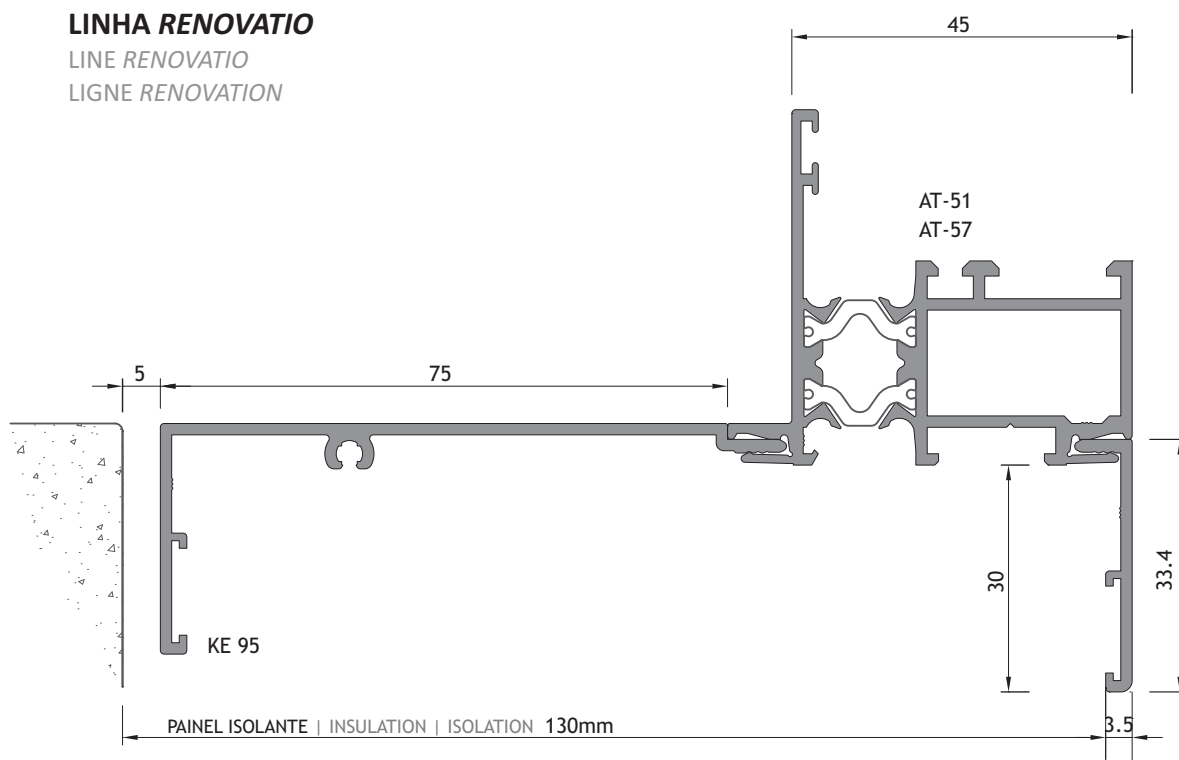
PORMENORES INFORMATIVOS. PARA PROYECTOS ESPECÍFICOS, CONSULTAR O NOSSO DEPARTAMENTO TÉCNICO.  
INFORMATIVE DETAILS. FOR SPECIFIC PROJECTS CONSULT OUR TECHNICAL DEPARTMENT.  
DÉTAILS D'INFORMATION. POUR DES PROJETS SPÉCIFIQUES CONSULTER NOTRE DÉPARTEMENT TECHNIQUE.



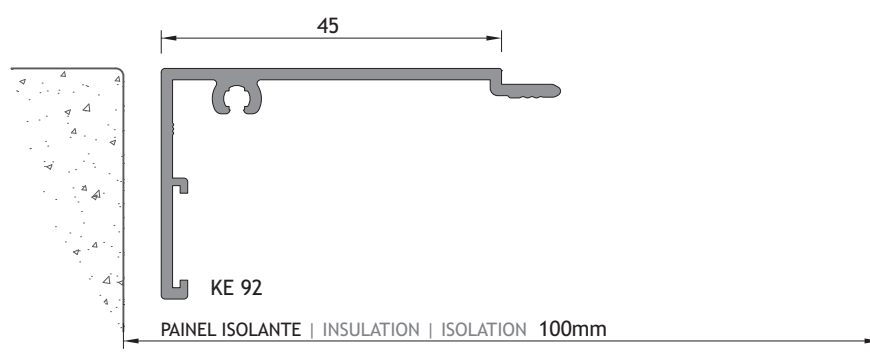
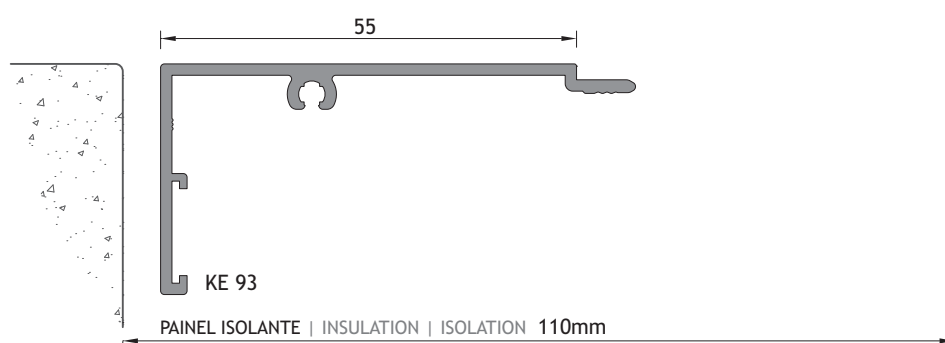
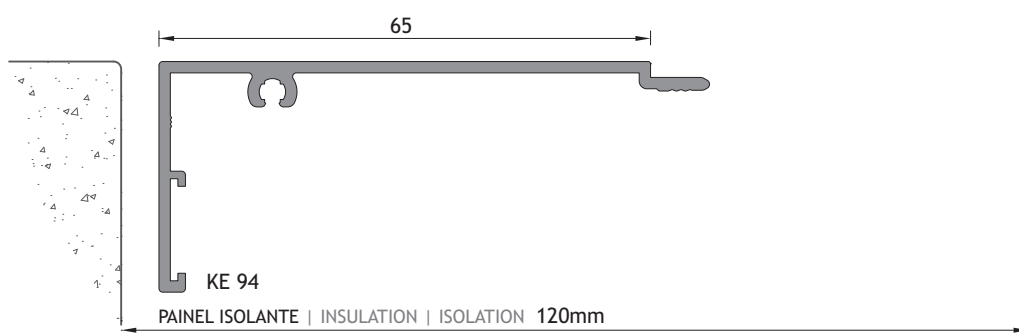
**LINHA RENOVATIO**

LINE RENOVATIO

LIGNE RENOVATION



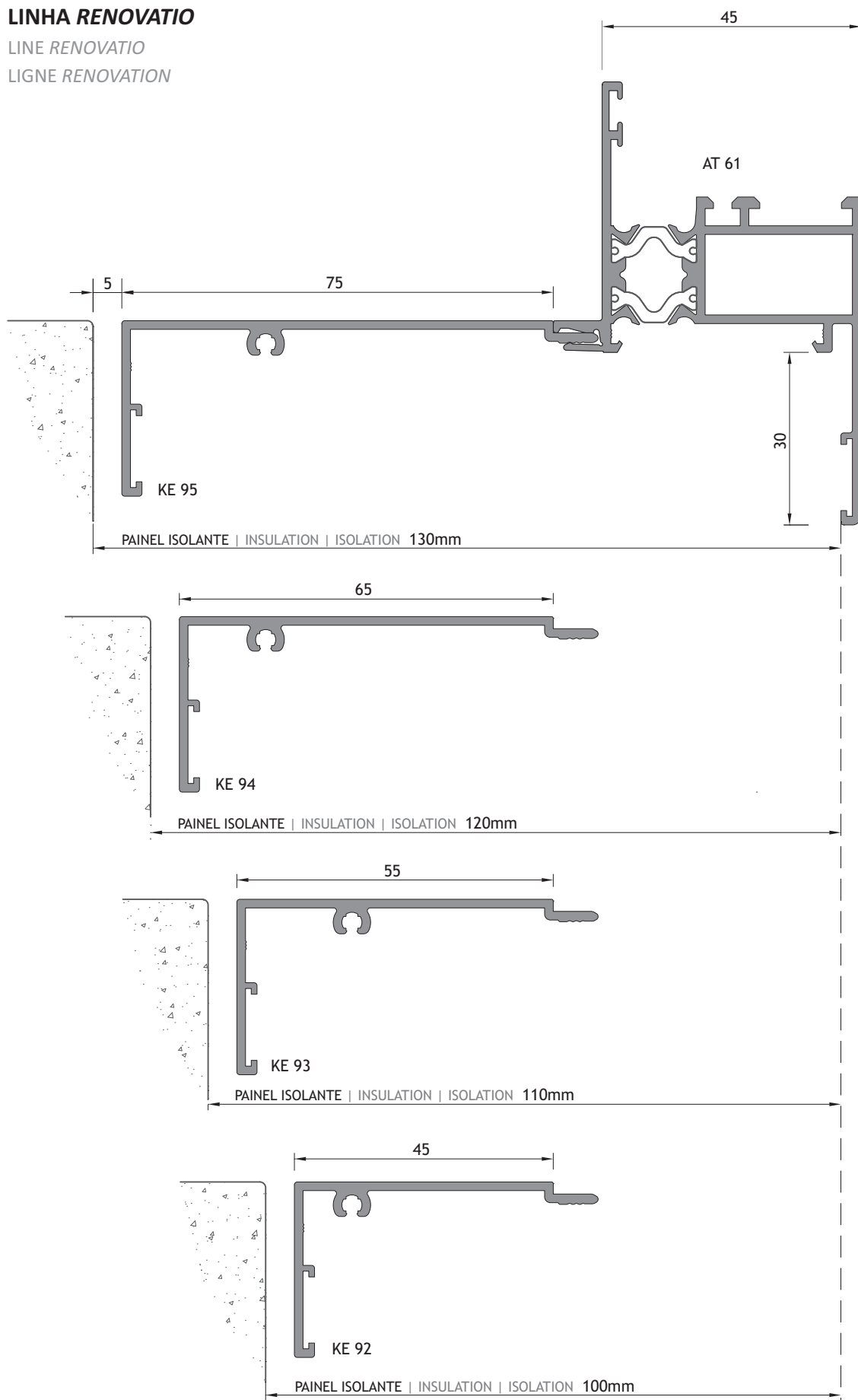
KE 60  
KE 61  
KE 62  
KE 63  
KE 64  
KE 65  
KE 66  
KE 67



**LINHA RENOVATIO**

LINE RENOVATIO

LIGNE RENOVATION



## LINHA RENOVATIO - PAINEL DE 120mm

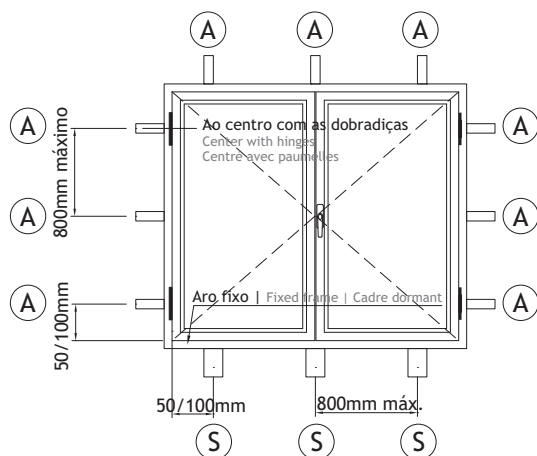
LINE RENOVATIO - 120mm PANEL

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>



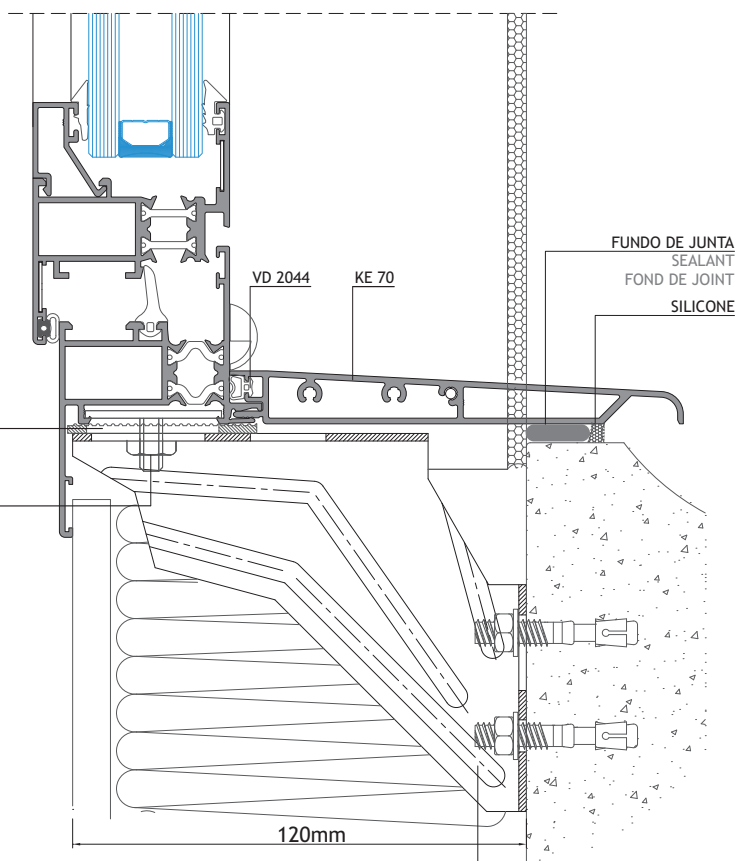
**A** ÂNGULO FIXAÇÃO 100 ou 120mm  
FIXING ANGLE 100 or 120mm  
ANGLE DE FIXATION 100 ou 120mm

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

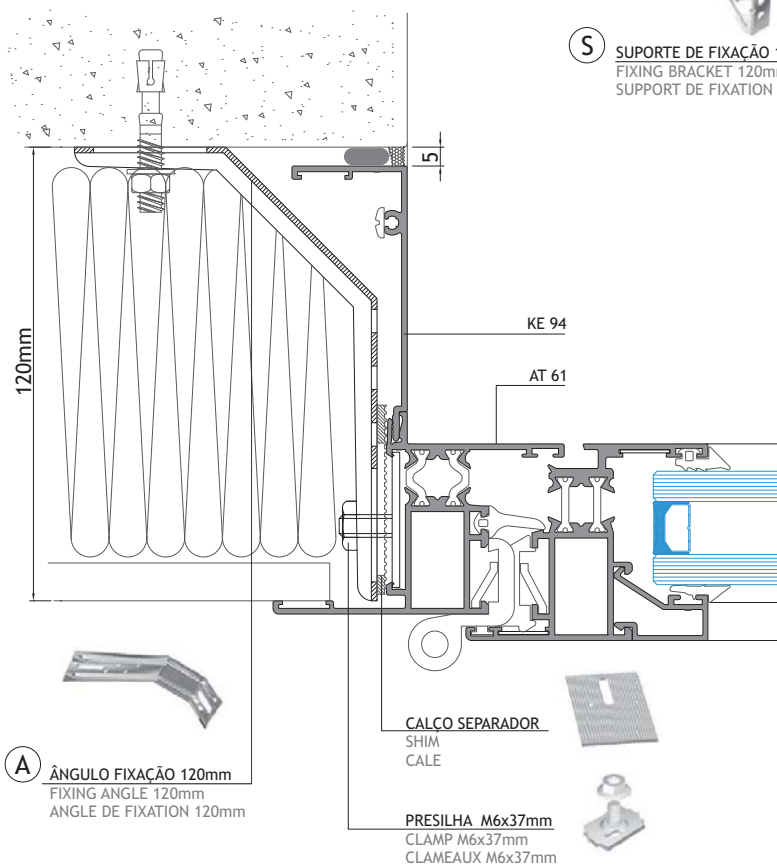


CALÇO SEPARADOR  
SHIM  
CALE

PRESILHA M6x37mm  
CLAMP M6x37mm  
CLAMEAUX M6x37mm



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

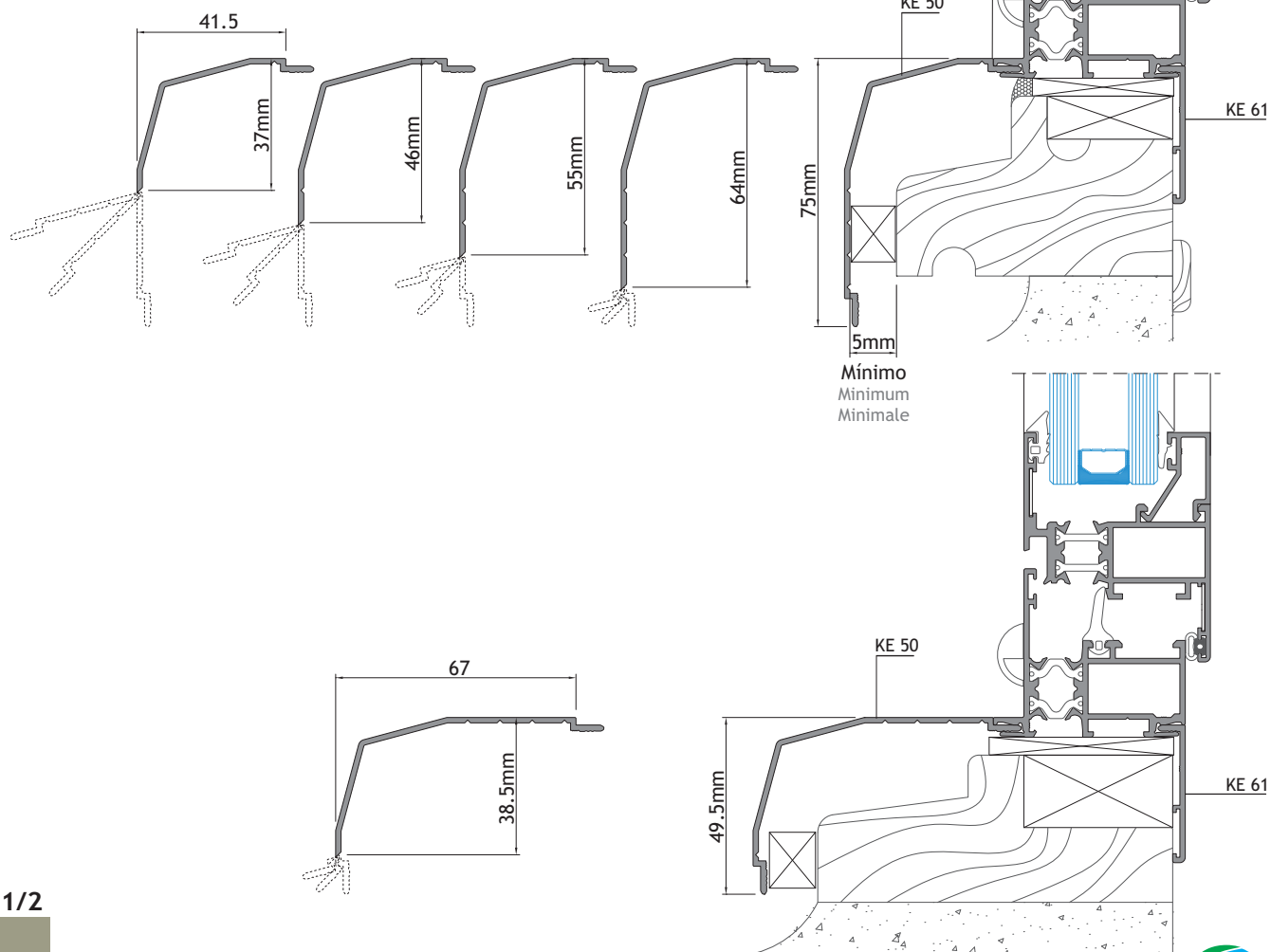


**A** ÂNGULO FIXAÇÃO 120mm  
FIXING ANGLE 120mm  
ANGLE DE FIXATION 120mm

**LINHA RENOVATIO**LINE *RENOVATIO*LIGNE *RENOVATION***Quebrar perfil KE 50 antes do tratamento lacado ou anodizado**

Break profile KE 50 before the treatment powder coated or anodized

Briser le profil KE 50 avant traitement laqué ou anodisé







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

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