

JT

sistema de correr com corte térmico
sliding system with thermal break



CATÁLOGO TÉCNICO

TECHNICAL CATALOGUE



SISTEMAS
EURO 2000®
PERFIS DE ALUMÍNIO E VIDROS PARA ARQUITECTURA

sistema de correr com corte térmico sliding system with thermal break



O sistema de correr JT é um sistema versátil, robusto e seguro, que permite a aplicação em vãos de maiores dimensões, compatível com tipologias de 1 a 6 folhas, em sistemas de 2 ou 3 rails, soluções de canto e de embutir. De linhas simples e menores vistas de alumínio, este sistema perimetral com corte térmico vai ao encontro das atuais tendências arquitetônicas.

Este sistema está também preparado para trabalhar em conjunto com o sistema de batente IT e redes mosquiteiras.

The JT system is a versatile, robust and secure system, which allows the appliance of larger frames, compatible with 1 to 6 leaves typologies, in systems of 2 or 3 rails, corner solutions and hidden sliding.

With simple lines and smaller aluminum views, this perimeter system with thermal break meets the actual architectural trends.

This system is also prepared to work with the IT opening system and mosquito nets.

APRESENTAÇÃO PRESENTATION

Reta | Straight

DIMENSÕES DIMENSIONS

Aro fixo | Fixed frame: 2Rail: 75mm | 96mm | 117mm

3Rail: 152mm

Aro móvel | Mobile frame: 40mm | 44mm

ENCHIMENTO FILLING

De 28 a 32mm | From 28 to 32mm

CORTES CUTS

45° | 90°

VEDAÇÃO INSULATION

Juntas em EPDM | EPDM joints

Pelúcias STOP-FIN | STOP-FIN brushes

POLIAMIDA POLYAMIDE

14mm | 30mm | 36mm | 39mm | 40mm

UNIÕES UNIONS

Esquadros de bloqueio de 9,5mm | 9,5mm corner cleats

ABERTURAS OPENINGS

2Rail: 1, 2, 3 ou | or 4 folhas | leaves

3Rail: 3 ou | or 6 folhas | leaves

PESO MÁXIMO MAXIMUM WEIGHT

160 Kg/folha | leaf

ÁREA MÁXIMA MAXIMUM AREA

5,00 m²/folha | leaf

LARGURA MÁXIMA MAXIMUM LENGTH

2,00 m/folha | leaf

ALTURA MÁXIMA MAXIMUM HEIGHT

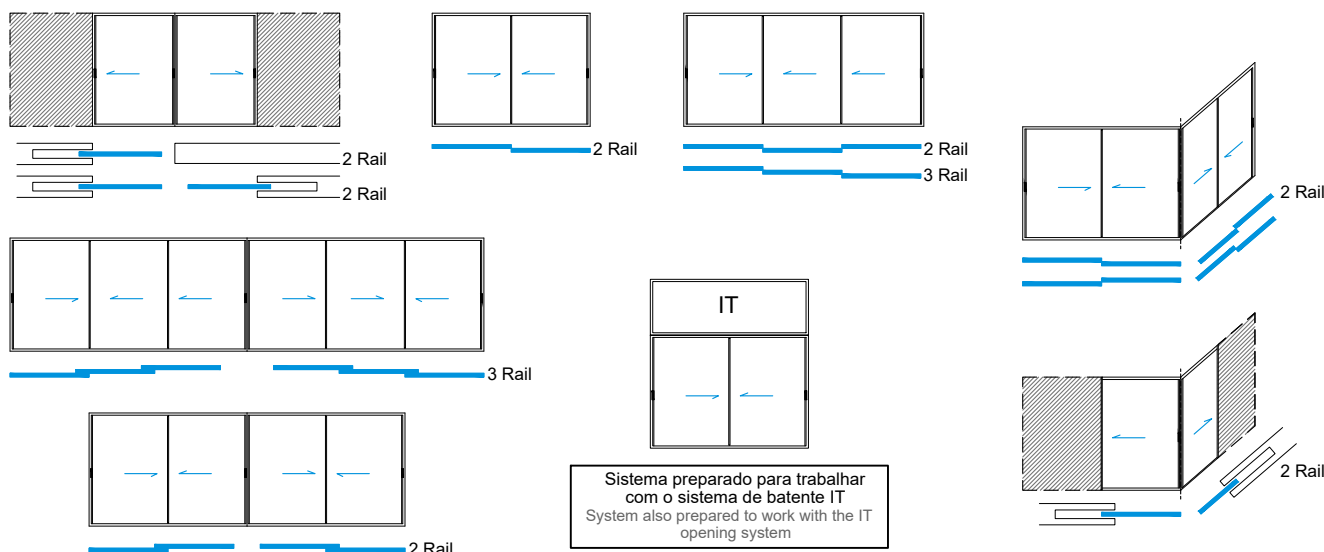
2,50 m/folha | leaf

ACABAMENTOS FINISHES

Lacados | Powder coated

Anodizados | Anodised

Bicolores | Bicolour

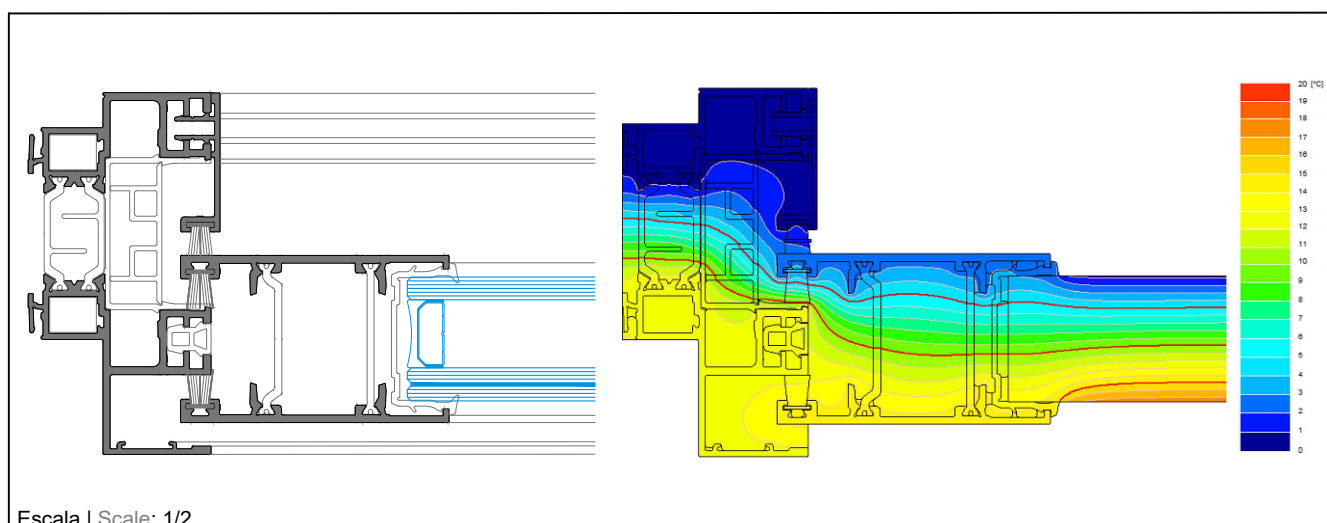


Todas as medidas são consideradas em mm, salvo as devidamente identificadas
All measurements are considered in mm, except those duly identified

DESEMPENHO DO SISTEMA

system performance

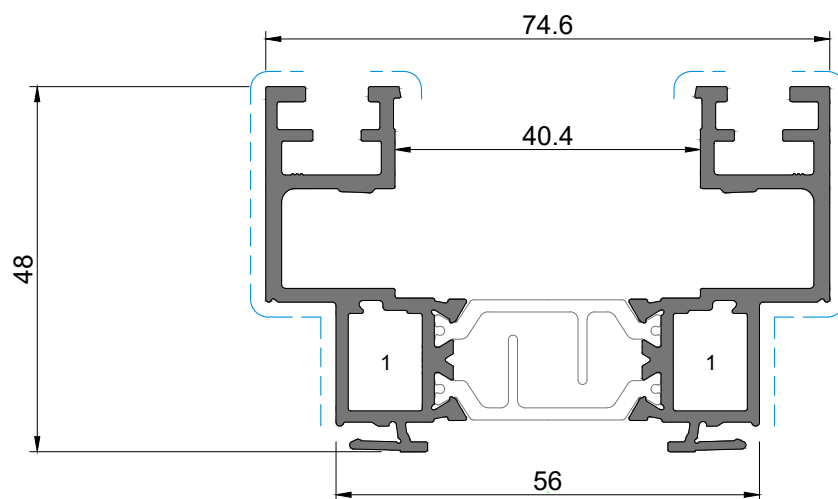
<p>Coef. Transm. TÉRMICA THERMAL Transmittance UNE-ISO 13947:2005</p>	<p>Uw = 1,35 W/m²K Vidro triplo com triple glazing with Ug = 0,80 W/m²K Janela de 2 folhas com 2 leaves window with L2,4m x H2,3m</p> <p>Uw = 1,44 W/m²K Vidro duplo com double glazing with Ug = 1,00 W/m²K Janela de 2 folhas com 2 leaves window with L3,1m x H2,5m</p>
<p>Isolamento ACÚSTICO ACOUSTIC Insulation NP EN 14351-1:2008 - Anexo B</p>	<p>Rw = 30 dB Rw (IGU) = 36 dB, área area ≤ 2,70m²</p>



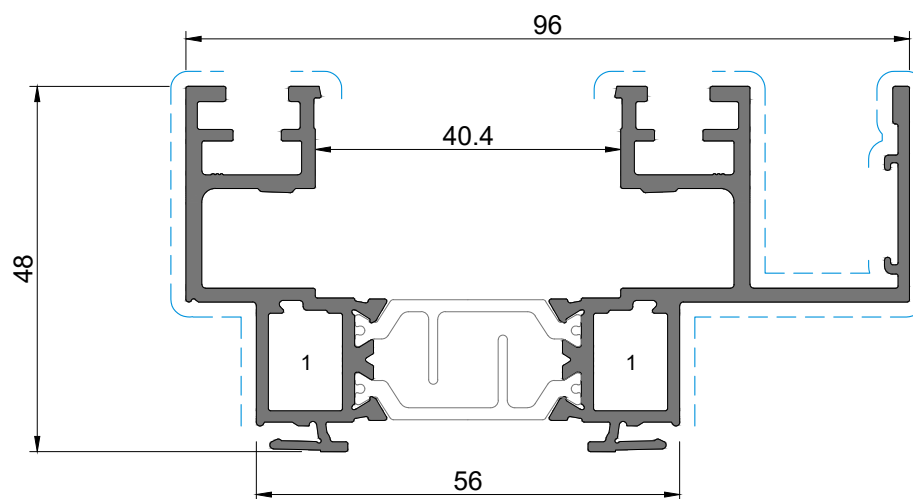
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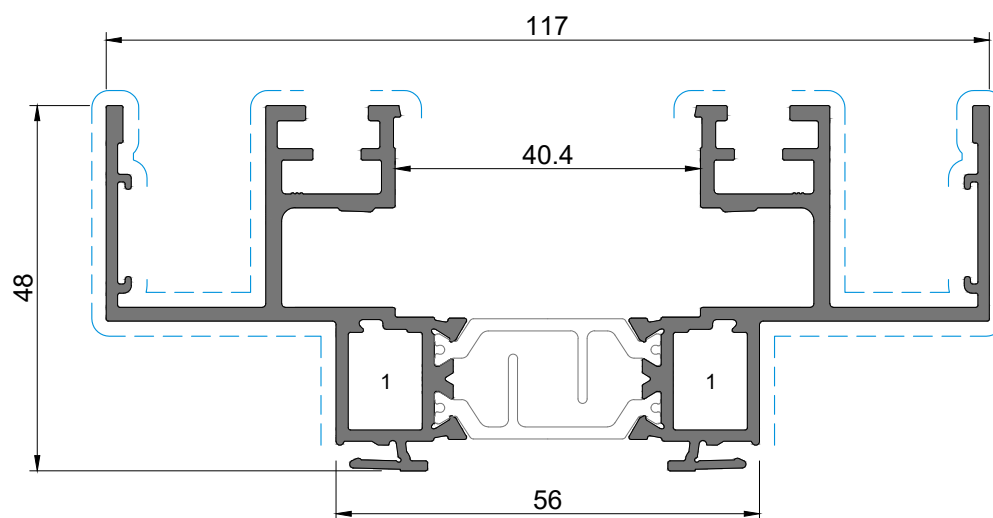
LISTAGEM DE PERFIS
PROFILES LIST



JT 01
(aro fixo 2rail | 2rail fixed frame)

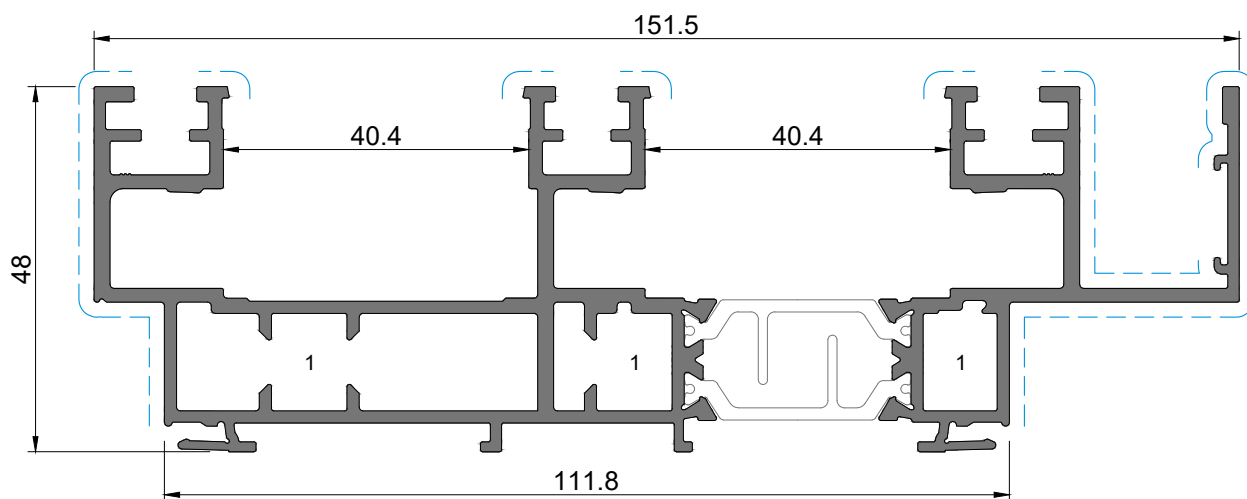


JT 02
(aro fixo 2rail | 2rail fixed frame)

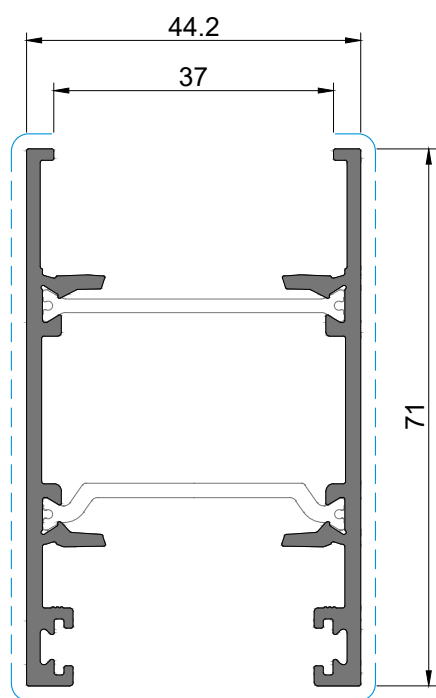


JT 04
(aro fixo 2rail | 2rail fixed frame)

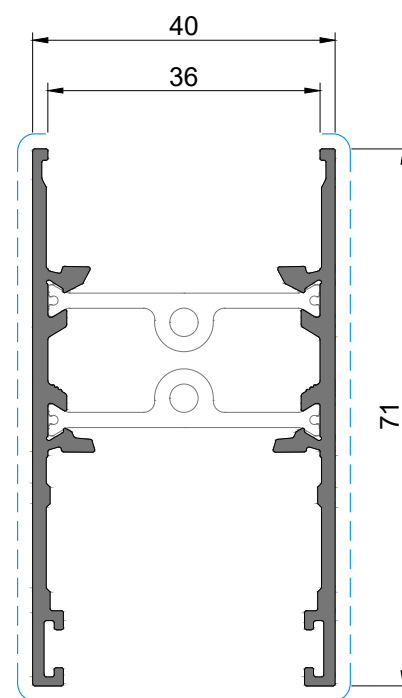
1 - ESQUADRO | CORNER CLEAT JT 12x9.5



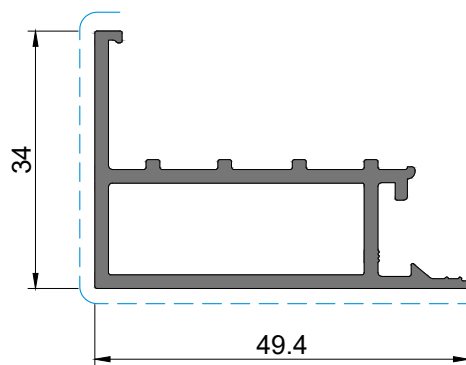
JT 03
(aro fixo 3rail | 3rail fixed frame)



JT 61
(perfil lateral | lateral profile)

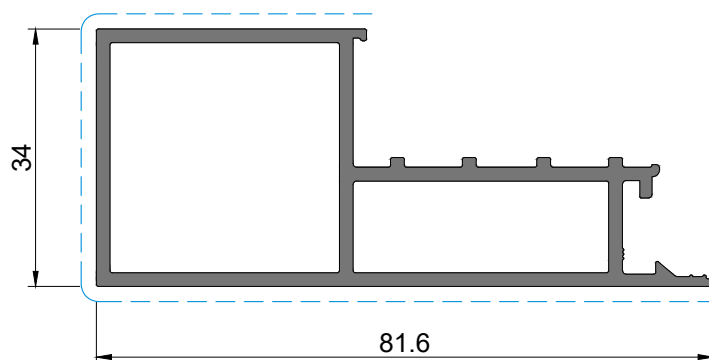


JT 63
(travessa superior/inferior | upper/lower transom)



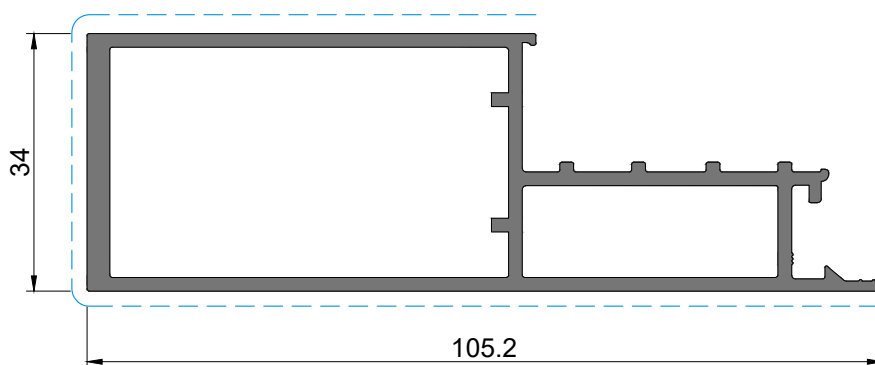
JT 51

(perfil central | central profile)



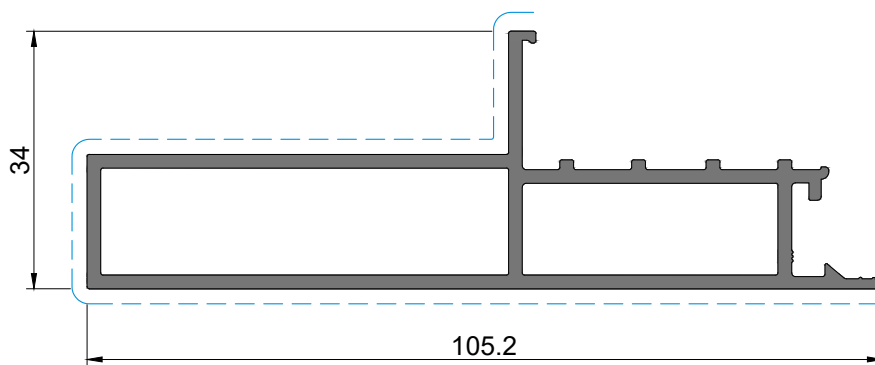
JT 52

(perfil central reforçado | reinforced central profile)



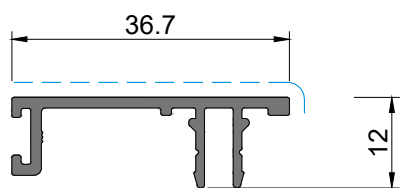
JT 53

(perfil central reforçado | reinforced central profile)

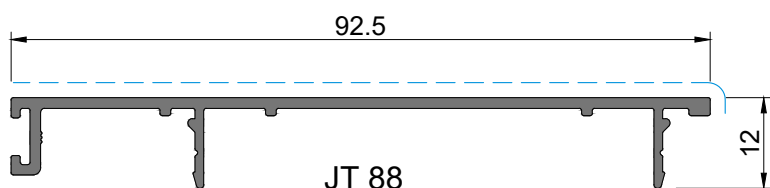


JT 54

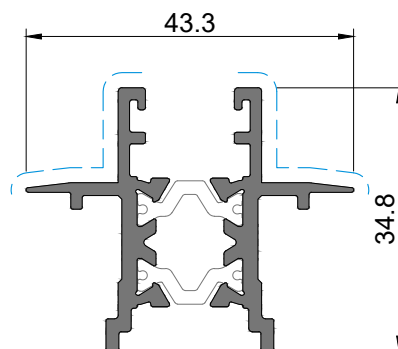
(perfil central reforçado | reinforced central profile)



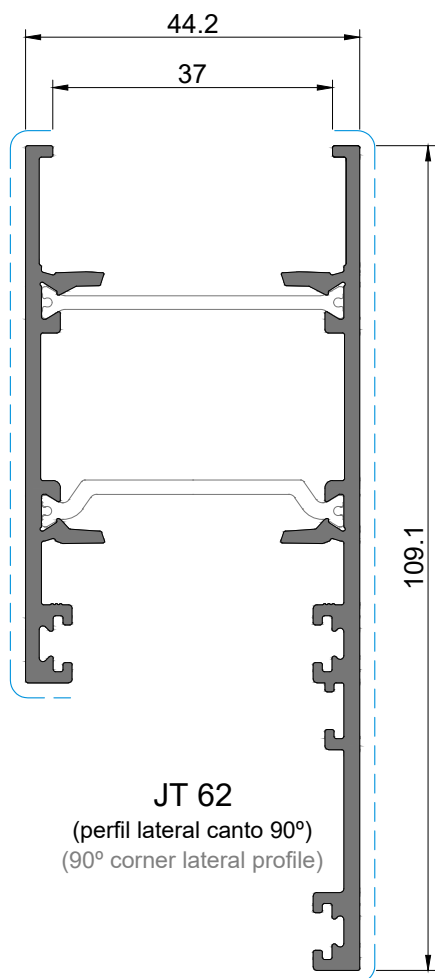
JT 85
(perfil remate)
(finishing profile)



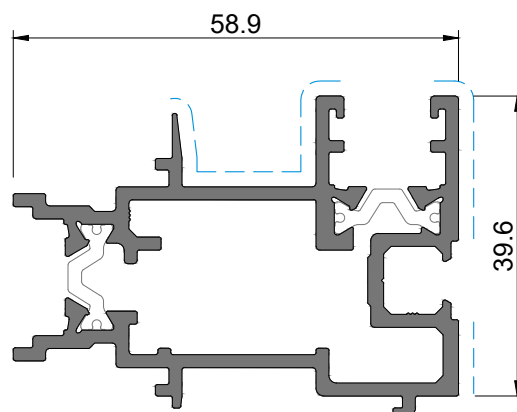
JT 88
(perfil remate)
(finishing profile)



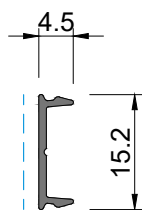
JT 71
(perfil ligação central)
(central connecting profile)



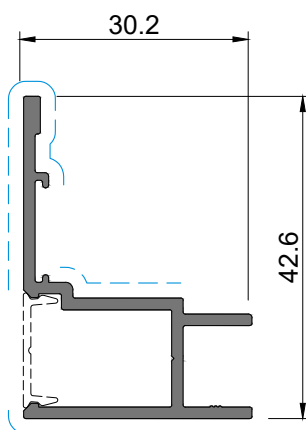
JT 62
(perfil lateral canto 90°)
(90° corner lateral profile)



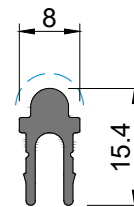
JT 72
(perfil ligação canto 90°)
(90° corner connection profile)



AT 30
(capa)
(cover)

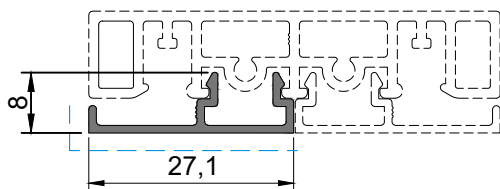


JT 83
(perfil remate)
(finishing profile)

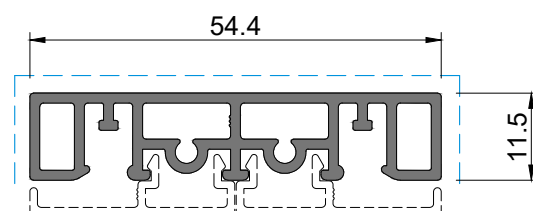


Acabamentos | Finishings:
Anodizado natural ou preto
Natural or black anodised

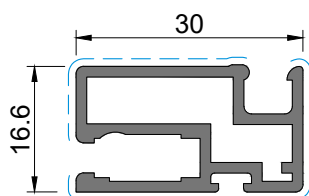
JT 87
(guia)
(rail)



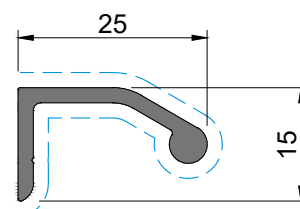
KY 87
(tampa travessa mosquiteira)
(mosquito net transom cover)



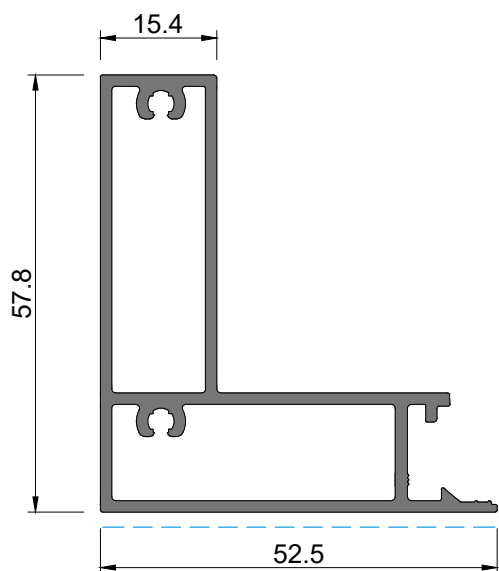
KY 89
(travessa central mosquiteira)
(mosquito net central transom)



KY 88
(aro móvel mosquiteira)
(mosquito net mobile frame)

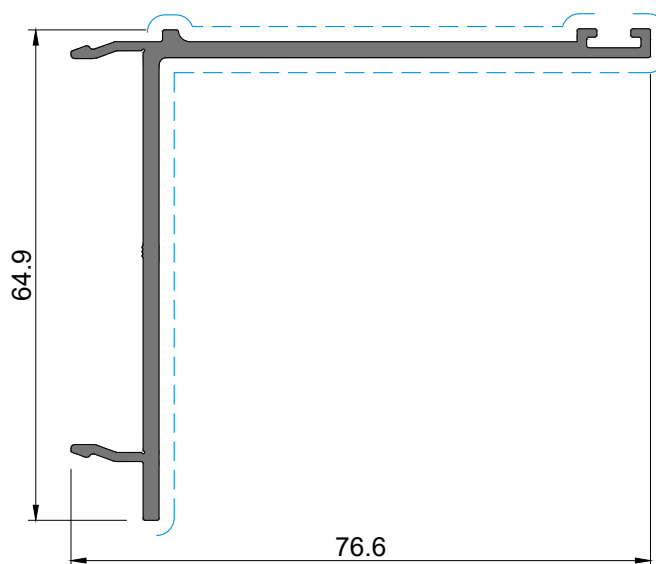


TR 81
(puxador mosquiteira)
(mosquito net handle)



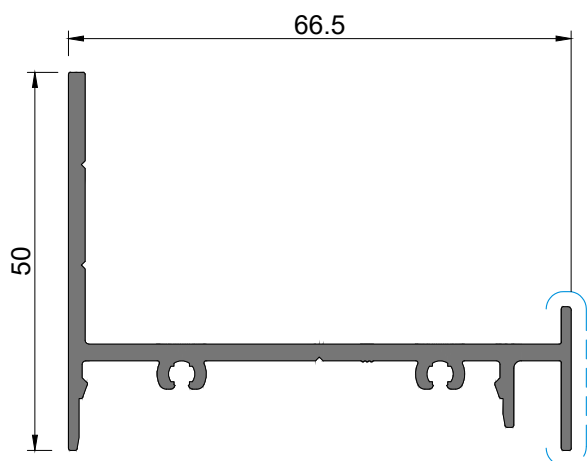
JT 93

(perfil montante para solução de embutir)
(mullion profile for hidden sliding solution)



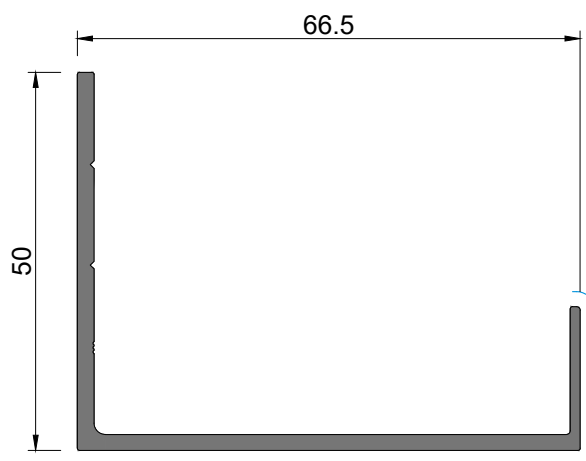
SO 46

(perfil remate para solução de embutir)
(finishing profile for hidden sliding solution)



SO 47

(perfil remate para solução de embutir)
(finishing profile for hidden sliding solution)



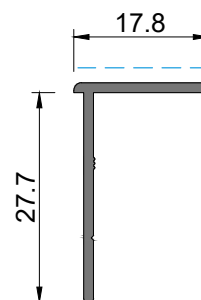
SO 48

(perfil remate para solução de embutir)
(finishing profile for hidden sliding solution)



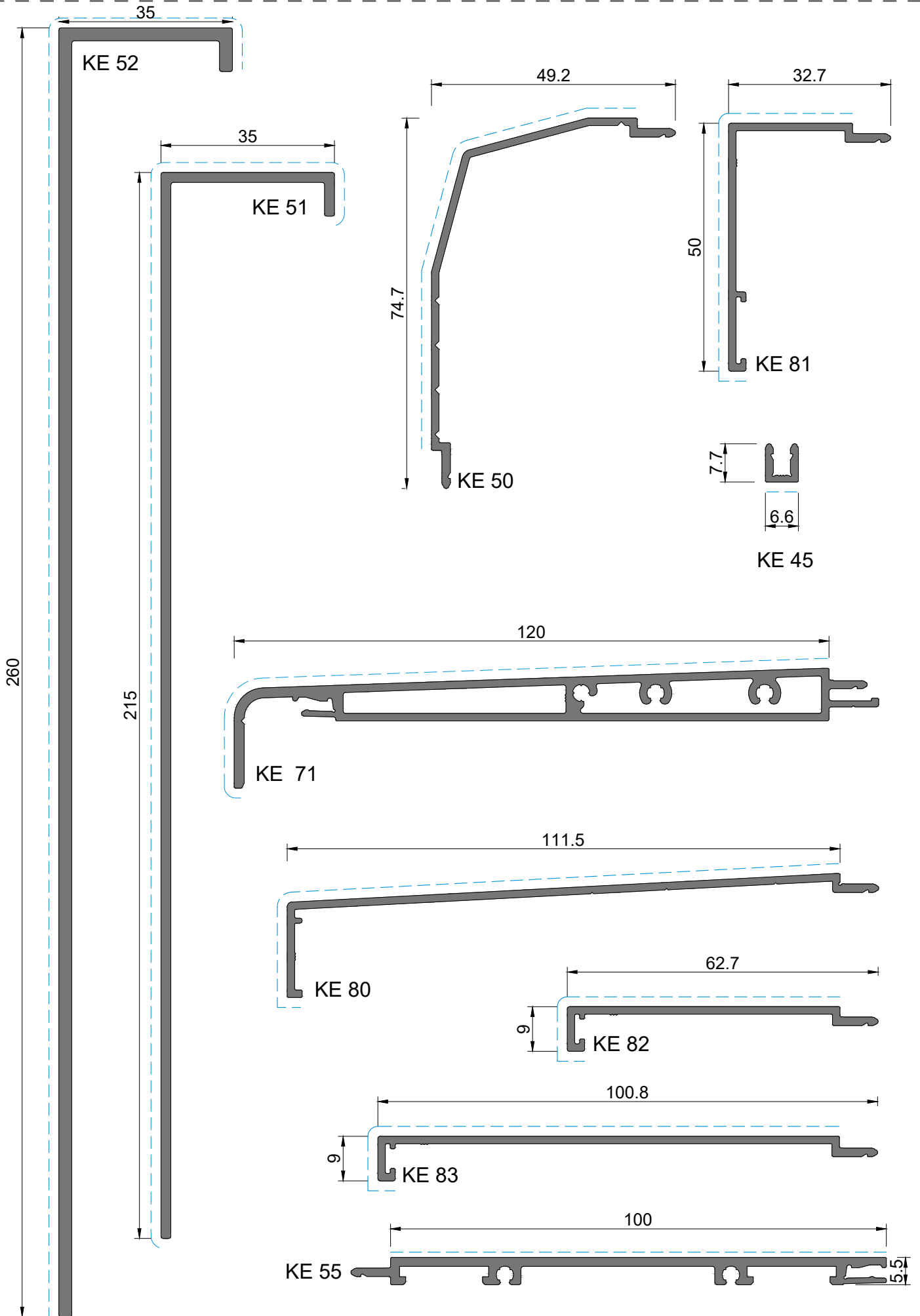
KP 32

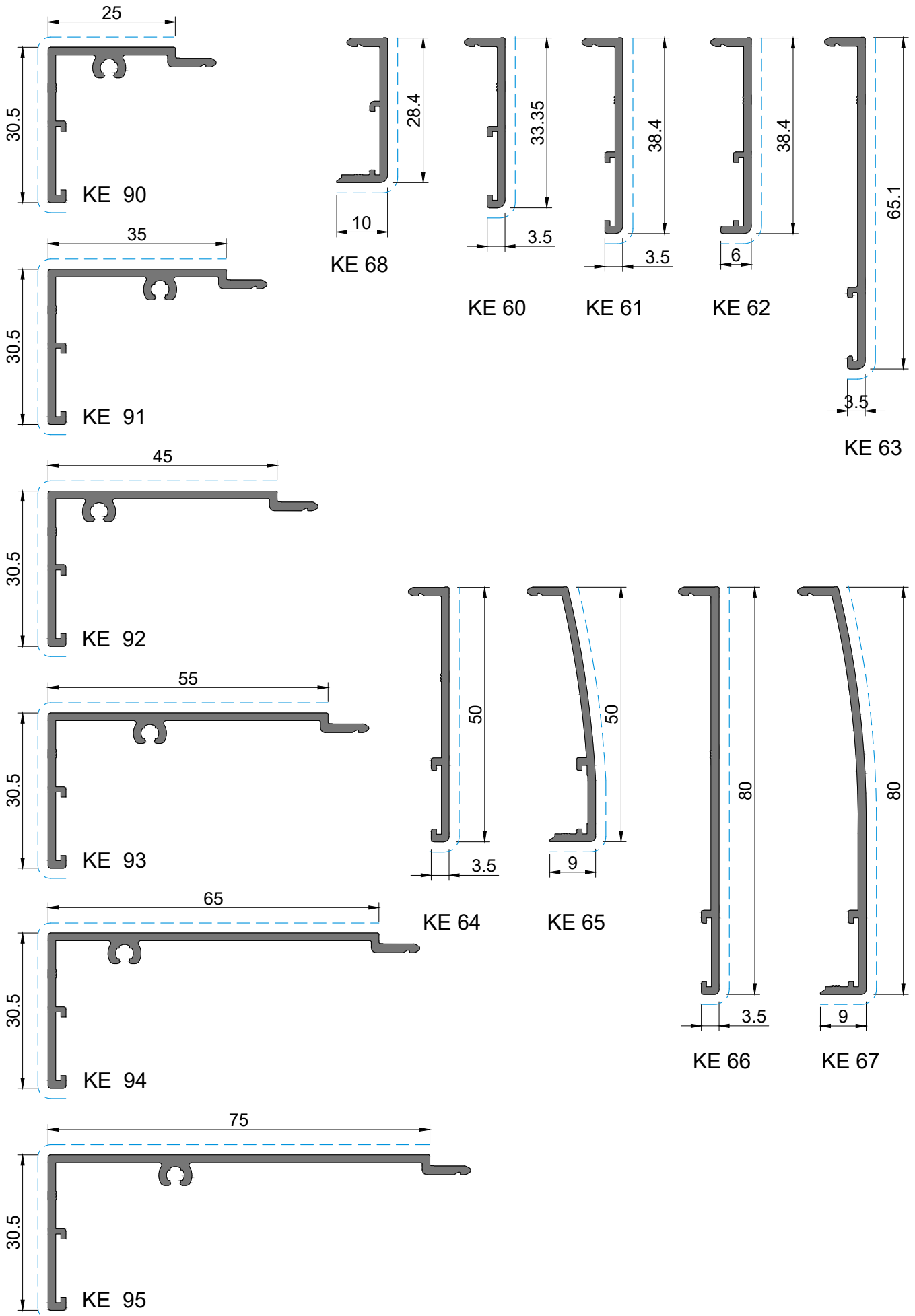
(tubo)
(tube)



JM 81

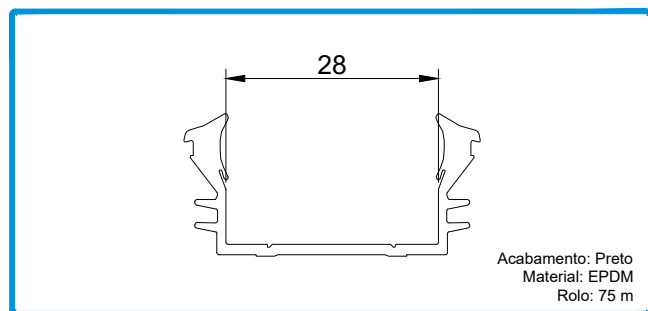
(perfil complementar)
(complementary profile)





ACESSÓRIOS
ACCESSORIES

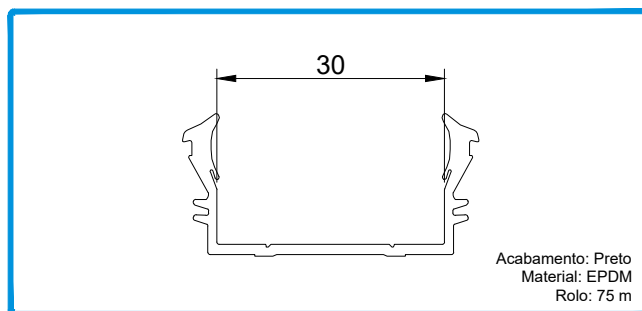
JUNTAS DE VIDRO, VEDANTES E PELÚCIAS | GLAZING GASKETS, JOINTS AND BRUSHES



Acabamento: Preto
Material: EPDM
Rolo: 75 m

208477

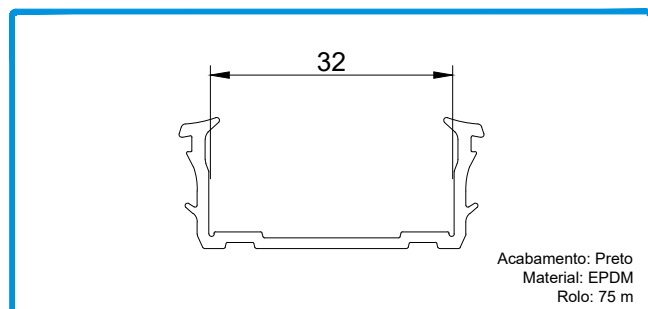
JUNTA VIDRO U 1028 CX 28MM JT



Acabamento: Preto
Material: EPDM
Rolo: 75 m

208478

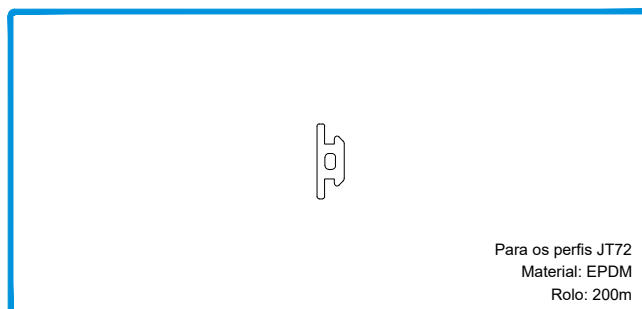
JUNTA VIDRO U 1030 CX 30MM JT



Acabamento: Preto
Material: EPDM
Rolo: 75 m

208099

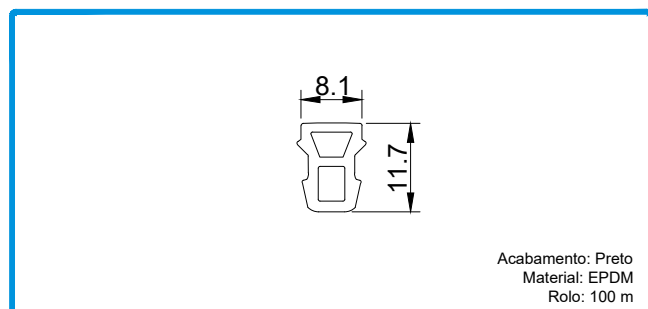
JUNTA VIDRO U 1032 CX 32MM JT



Para os perfis JT72
Material: EPDM
Rolo: 200m

208435

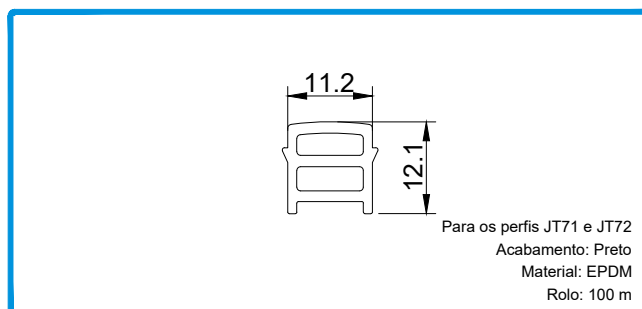
JUNTA VD 2415 PRT



Acabamento: Preto
Material: EPDM
Rolo: 100 m

208348

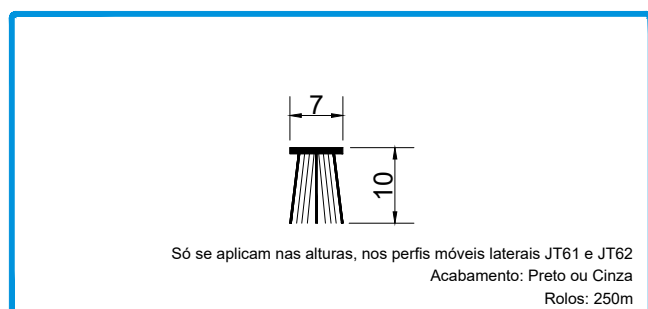
JUNTA TAPA CANAL 2116 JT



Para os perfis JT71 e JT72
Acabamento: Preto
Material: EPDM
Rolo: 100 m

208479

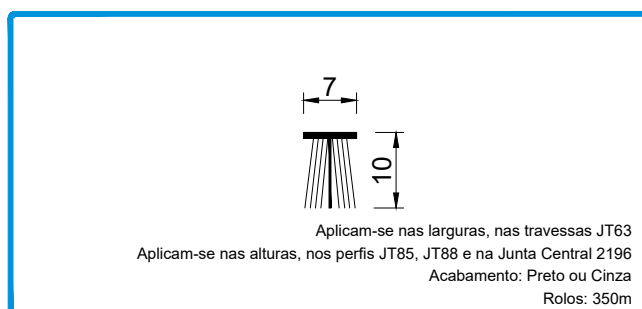
JUNTA TAPA CANAL PERFIL LIG. 2117 JT



Só se aplicam nas alturas, nos perfis móveis laterais JT61 e JT62
Acabamento: Preto ou Cinza
Rolos: 250m

208306
208307

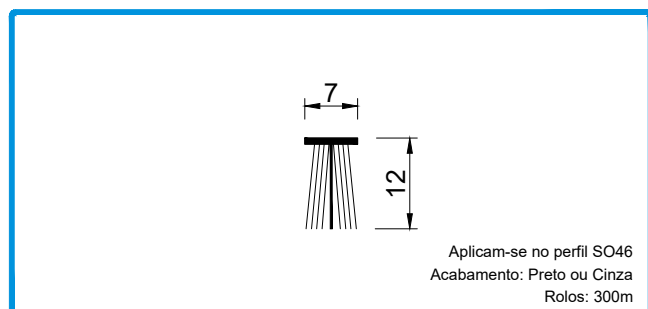
PELÚCIA 7x10 TRI-FIN Cinza
PELÚCIA 7x10 TRI-FIN Preto



Aplicam-se nas larguras, nas travessas JT63
Aplicam-se nas alturas, nos perfis JT85, JT88 e na Junta Central 2196
Acabamento: Preto ou Cinza
Rolos: 350m

208434
208304

PELÚCIA 7x10 STOP-FIN Cinza
PELÚCIA 7x10 STOP-FIN Preta

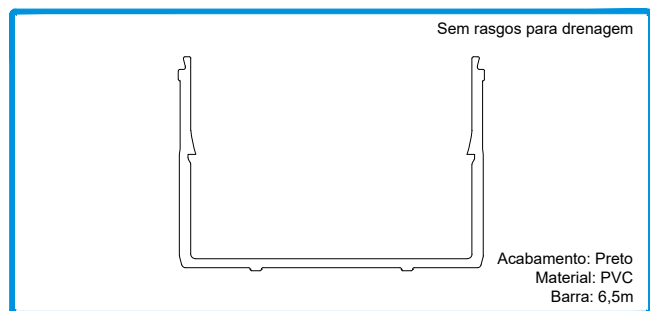


Aplicam-se no perfil SO46
Acabamento: Preto ou Cinza
Rolos: 300m

208593
208466

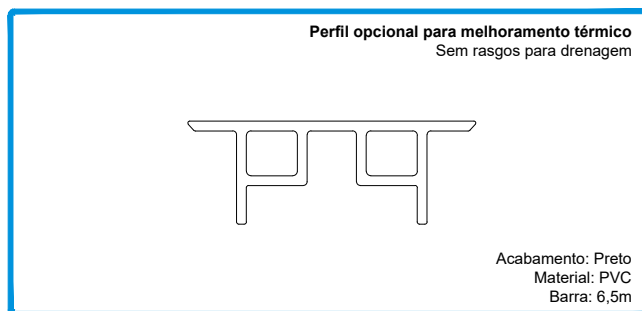
PELÚCIA 7x12 STOP-FIN Cinza
PELÚCIA 7x12 STOP-FIN Preta

ACESSÓRIOS PARA O ARO | FRAME ACCESSORIES



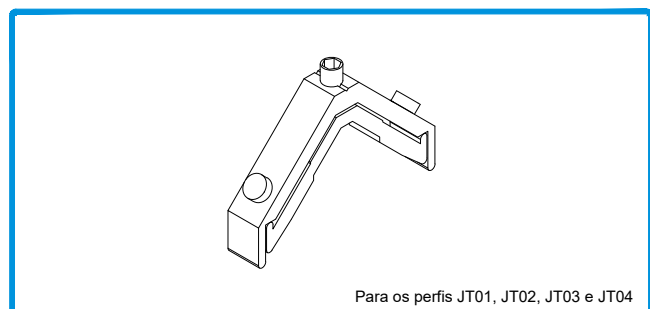
215305

PERFIL PVC U JT



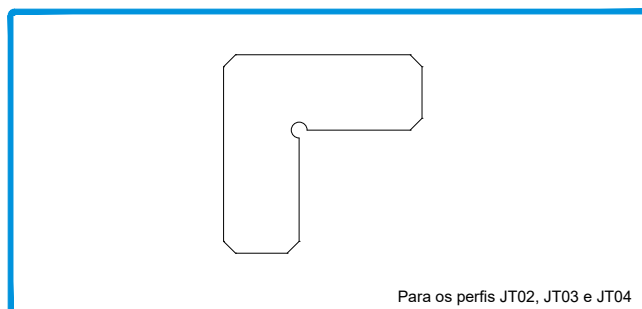
215303

PERFIL PVC T JT



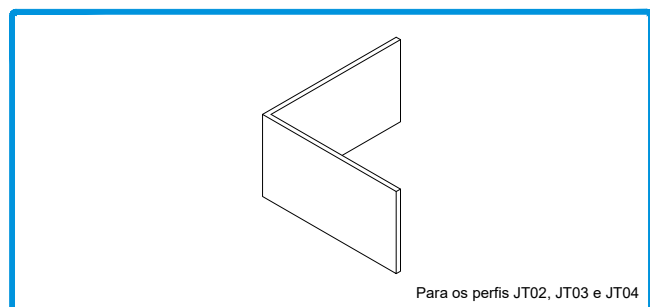
204164

ESQUADRO JT 12x9.5



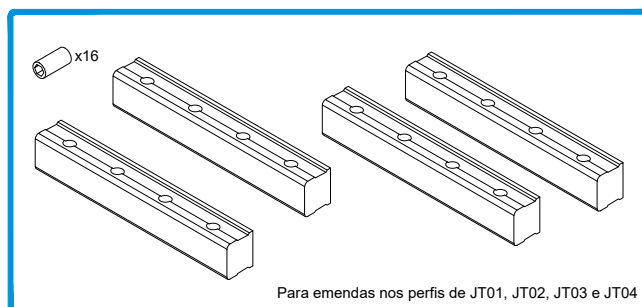
213246

CANTO CR S/SB



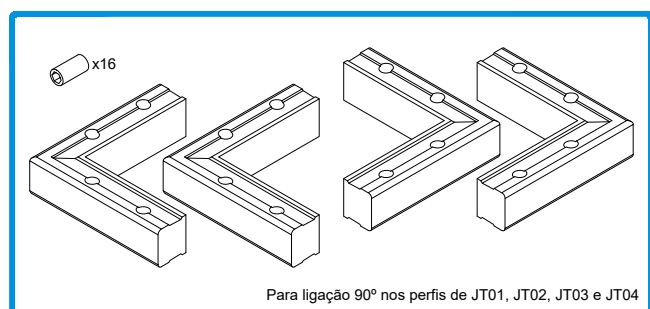
204389

ESQUADRO INOX CANTO 90°



000000

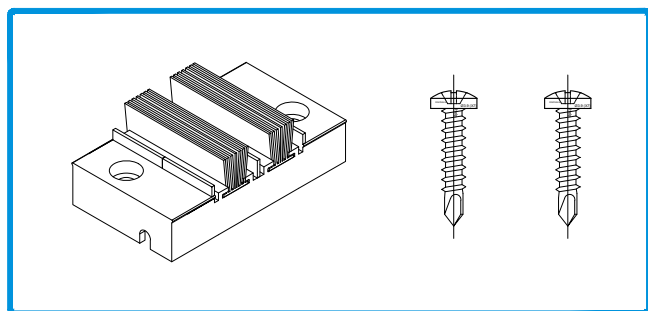
CONJ. UNIÃO RETA JT



000000

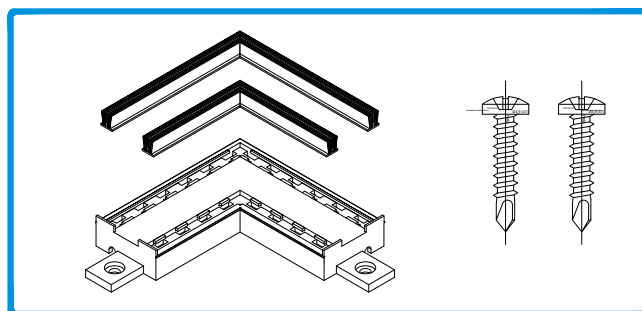
CONJ. UNIÃO CANTO 90° JT

ACESSÓRIOS DE ESTANQUEIDADE | SEALING ACCESSORIES



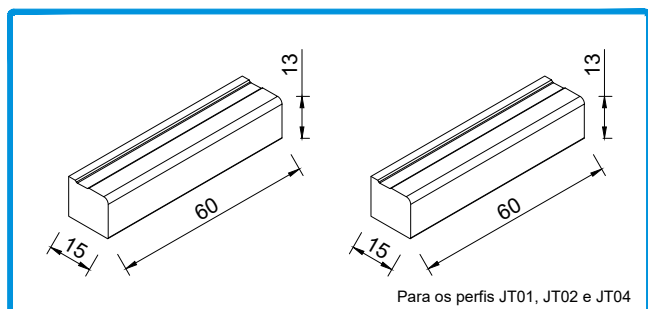
213286

CORTA-VENTO JT



000000

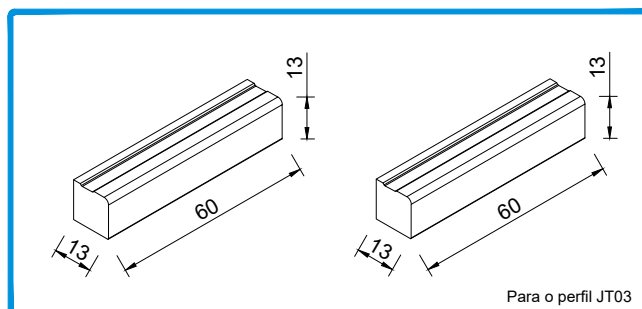
CORTA-VENTO CANTO 90° JT



212337

CONJ. ESTANQUICIDADE CORTA-VENTO JT

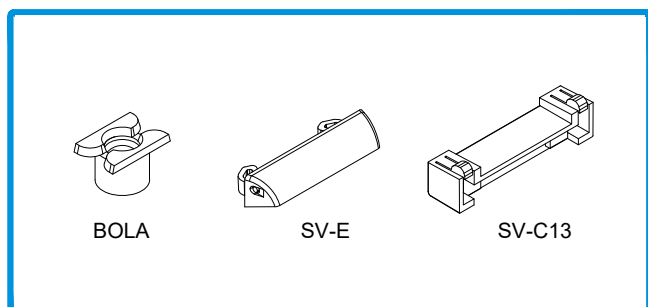
Para os perfis JT01, JT02 e JT04



000000

CONJ. ESTANQUICIDADE ESTREITO CORTA-VENTO JT

Para o perfil JT03



BOLA

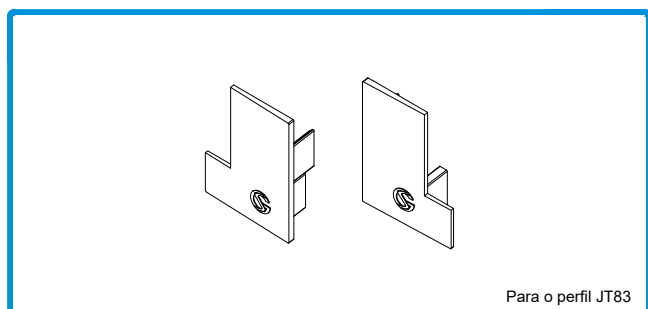
SV-E

SV-C13

210265
210268
210269

GOTEIRA C/ VÁLV. BOLA PRT
GOTEIRA C/ VÁLV. SVE PRT
GOTEIRA OCULTA C/ VÁLV. SV-C13

PINGADEIRAS | DRIPS

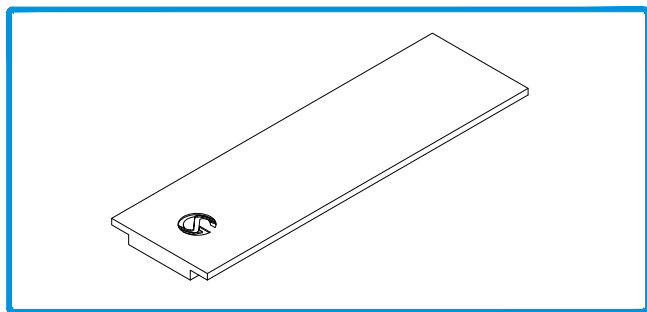


212341

CONJ. TOPOS LAT. PINGADEIRA

Para o perfil JT83

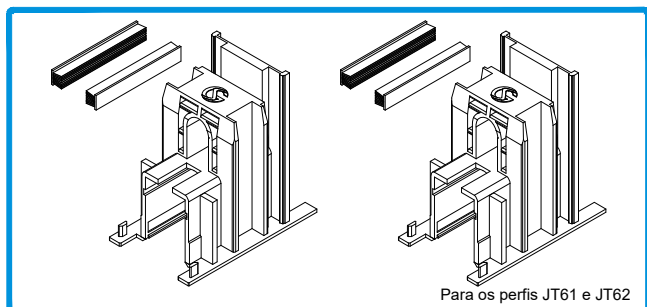
ACESSÓRIOS PARA VIDRO | GLASS ACCESSORIES



218137

CALÇO REFORÇO HORIZONTAL JT

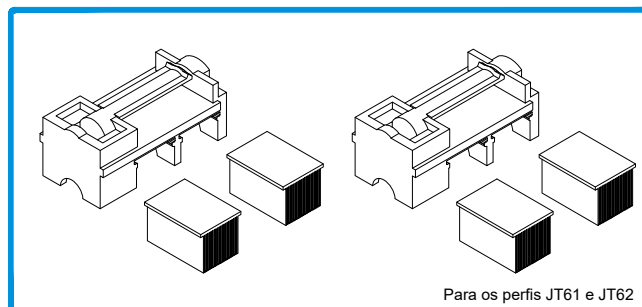
ACESSÓRIOS PARA PERFIS LATERAIS | LATERAL PROFILES ACCESSORIES



212199

Para os perfis JT61 e JT62

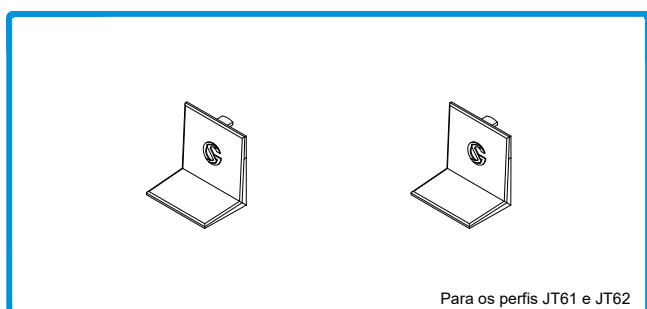
CONJ. TOPOS LAT. JT



212230

Para os perfis JT61 e JT62

CONJ. TOPOS INTERIORES LAT. JT

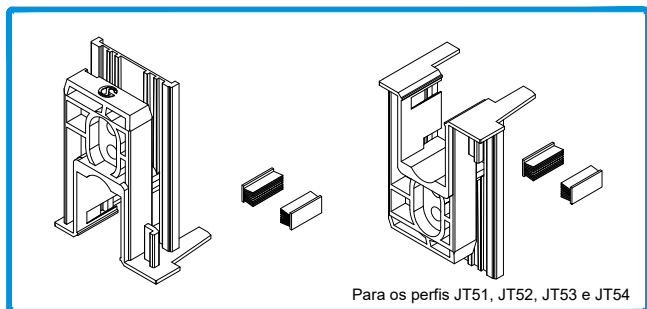


212201

Para os perfis JT61 e JT62

CONJ. TAMPAS TOPOS LAT. JT

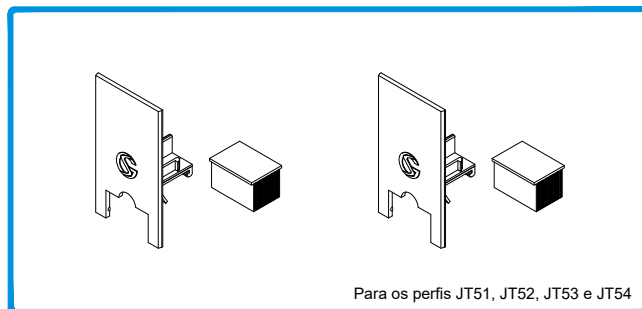
ACESSÓRIOS PARA PERFIS CENTRAIS | CENTRAL PROFILES ACCESSORIES



Para os perfis JT51, JT52, JT53 e JT54

212231

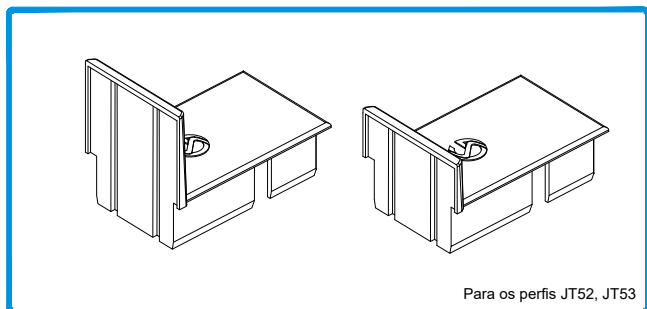
CONJ. TOPOS CENTRAIS JT



Para os perfis JT51, JT52, JT53 e JT54

212339

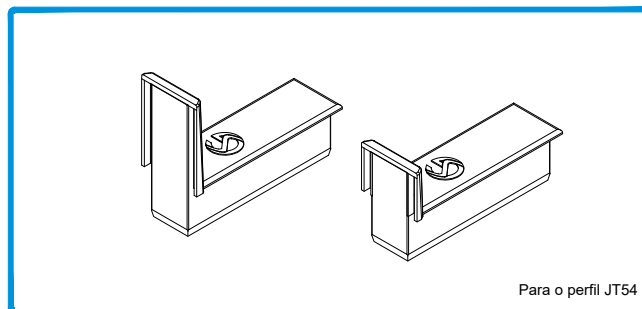
CONJ. TAMPAS TOPOS CENTRAIS JT



Para os perfis JT52, JT53

212340

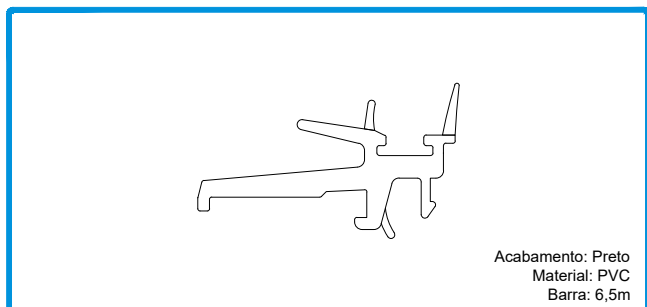
CONJ. TOPOS CENTRAL REFORÇADO



Para o perfil JT54

212456

CONJ. TOPOS CENTRAL REFORÇADO JT54

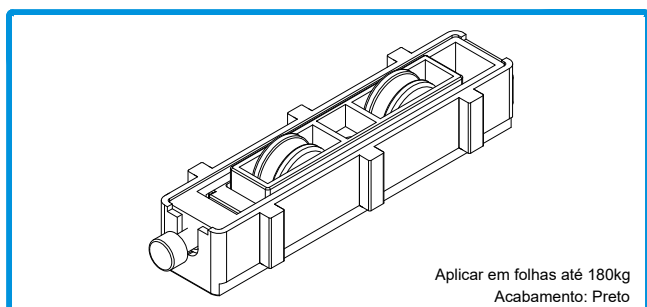


Acabamento: Preto
Material: PVC
Barra: 6,5m

208346

JUNTA CENTRAL 2196 JT

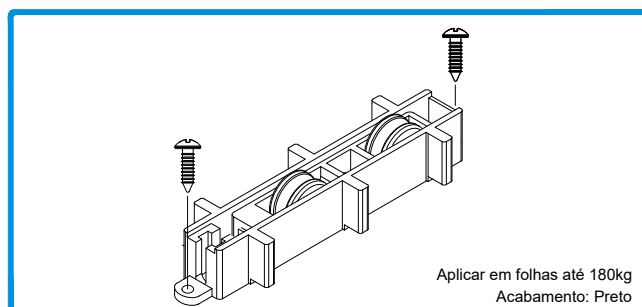
CARRINHOS | ROLLERS



Aplicar em folhas até 180kg
Acabamento: Preto

205129

CARRINHO JT 180KG

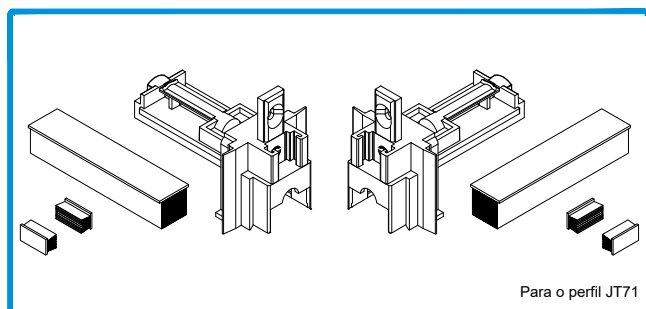


Aplicar em folhas até 180kg
Acabamento: Preto

205108

CARRINHO JT 100KG

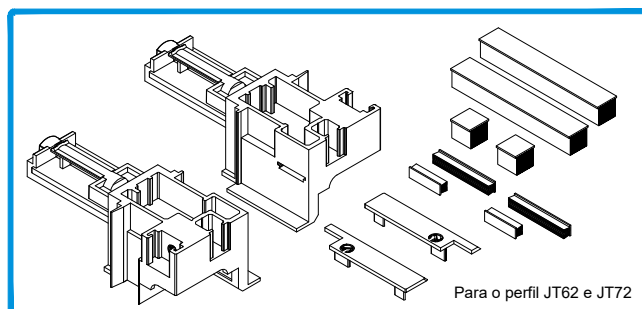
ACESSÓRIOS PARA LIGAÇÃO CENTRAL E CANTO 90° | CENTRAL AND 90° CORNER CONNECTION ACCESS.



Para o perfil JT71

000000

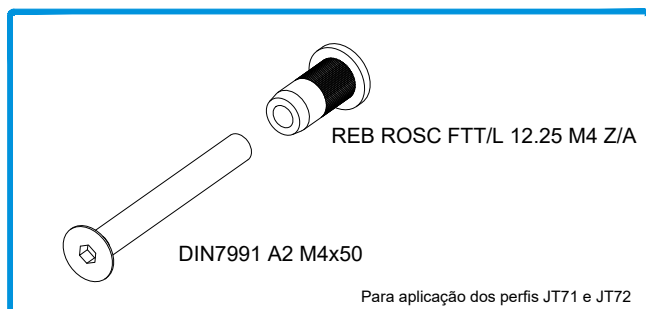
CONJ. TOPOS LIGAÇÃO 2 FOLHAS JT



Para o perfil JT62 e JT72

000000

CONJ. TOPOS CANTO 90° JT



REB ROSC FTT/L 12.25 M4 Z/A

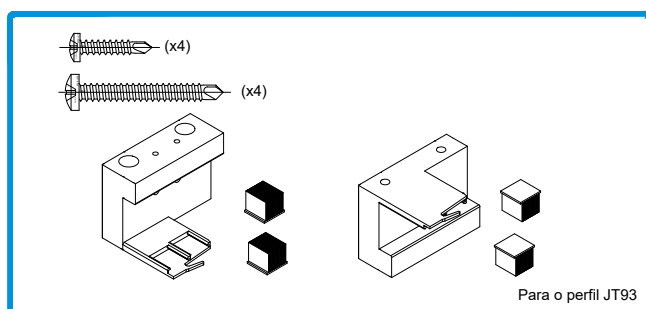
DIN7991 A2 M4x50

Para aplicação dos perfis JT71 e JT72

212079

CONJ. FIXAÇÃO FERRAGEM MULTIPONTO JT72

ACESSÓRIOS PARA TIPOLOGIAS DE EMBUTIR | HIDDEN SLIDING TYPOLOGIES ACCESSORIES

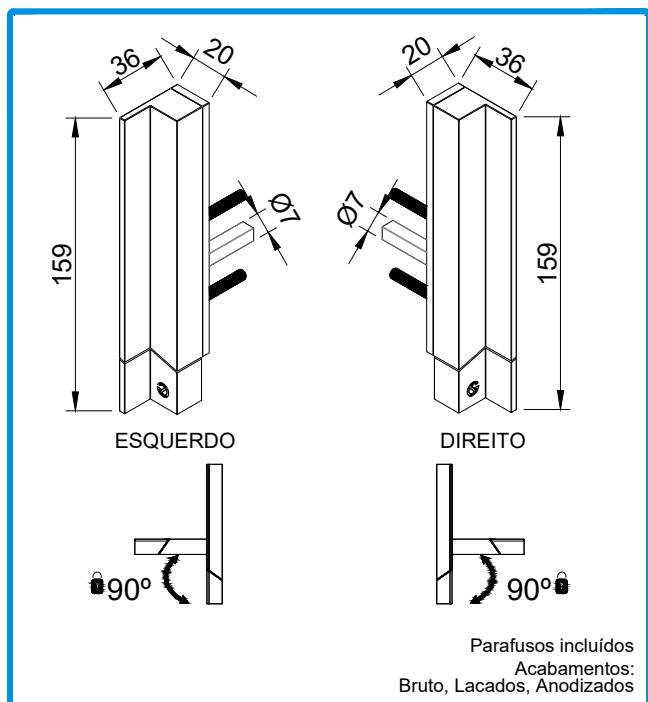


Para o perfil JT93

000000

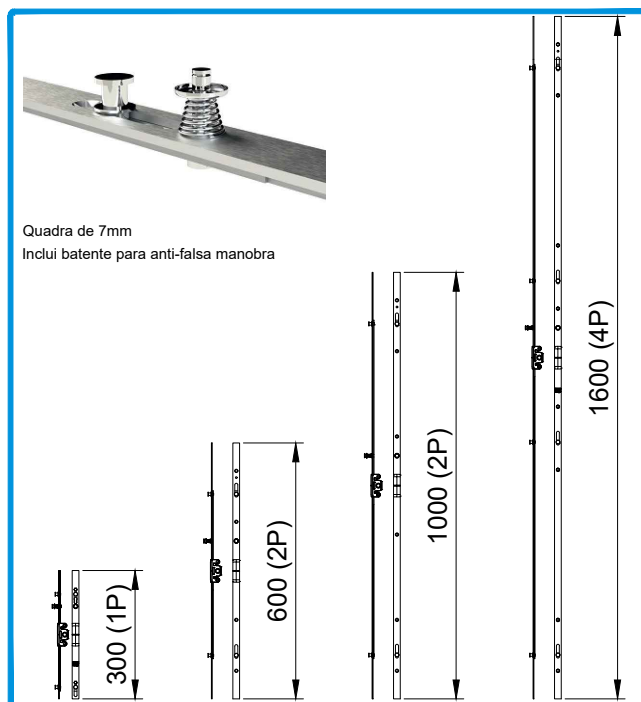
CONJ. TOPOS JT93

ACESSÓRIOS PARA FERRAGEM MULTIPONTO SOS | SOS MULTIPOINT HARDWARE ACCESSORIES



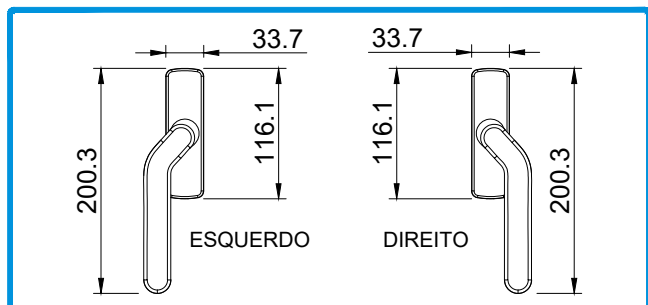
200817
200819

PUXADOR SLIM XS (Direito)
PUXADOR SLIM XS (Esquerdo)



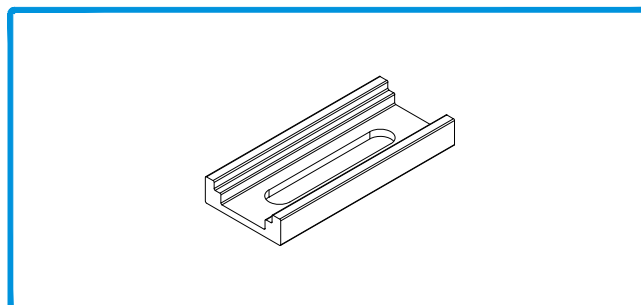
211119
211120
211121
211122

FER. MULTI-PONTO ANTI-FALSA MANOB. 300
FER. MULTI-PONTO ANTI-FALSA MANOB. 600
FER. MULTI-PONTO ANTI-FALSA MANOB. 1000
FER. MULTI-PONTO ANTI-FALSA MANOB. 1600



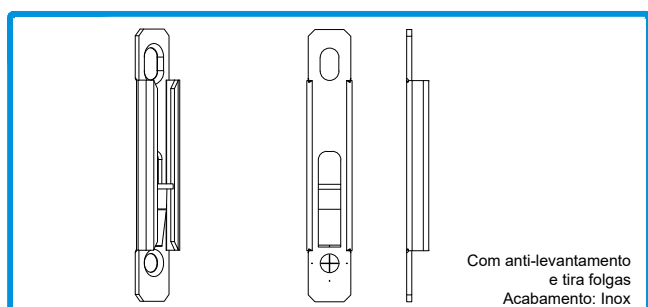
200959
200939

CREMONE MULTI-PONTO DESVIADO - DIREITO
CREMONE MULTI-PONTO DESVIADO - ESQUERDO



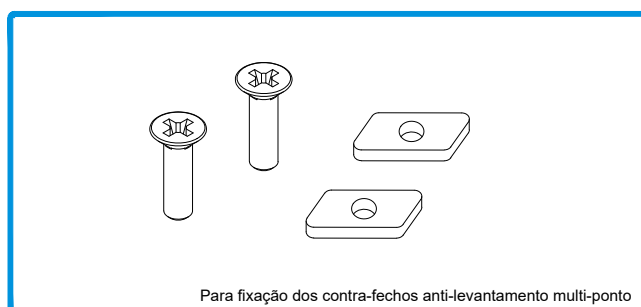
218198

CALÇO P/ MULTIPONTO SOS JT



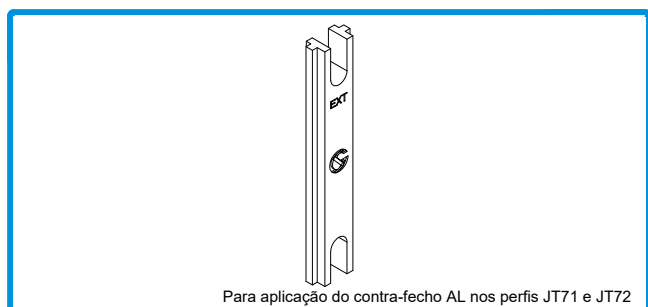
202491

CONTRA-FECHO ANTI-LEVANTAMENTO MULTI-PONTO



212455

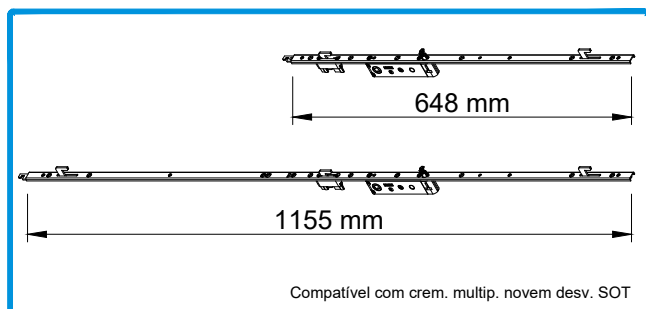
CONJ. FIX. CONTRA-FECHO AL MULTIP. JT



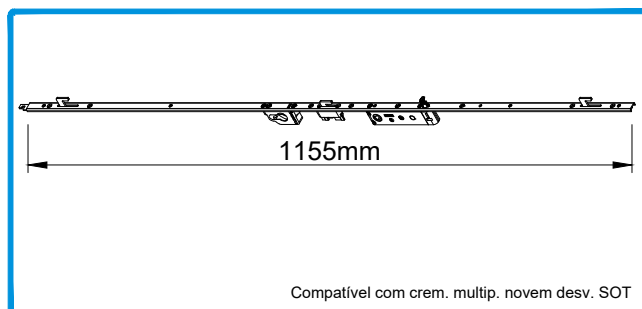
000000

CALÇO P/ CONTRA-FECHO AL MULTIP. PERFIL LIG

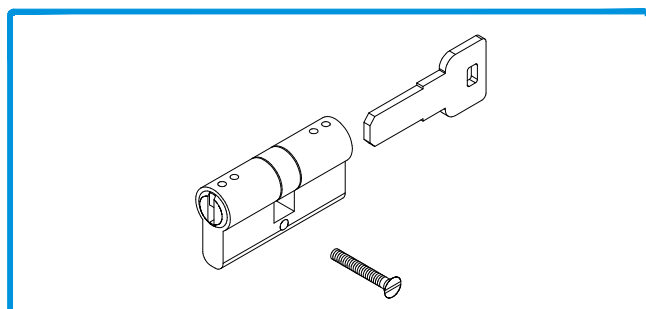
ACESSÓRIOS PARA FERRAGEM MULTIPONTO SOT | SOT MULTIPOINT HARDWARE ACCESSORIES



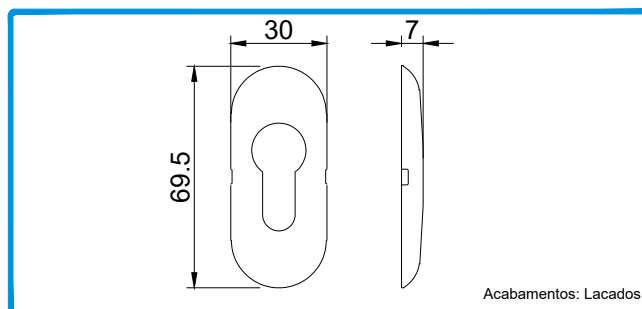
211175 FERRAGEM MULTIP. CHRONOS EVO SOT (2P)
211176 FERRAGEM MULTIP. CHRONOS EVO SOT (3P)



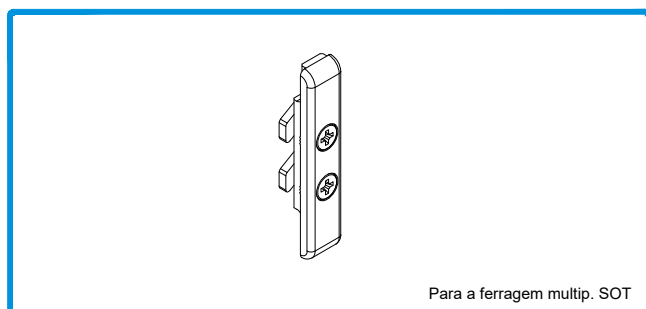
211179 FERRAGEM MULTIP. C/ CHAVE CHRONOS EVO SOT (3P)



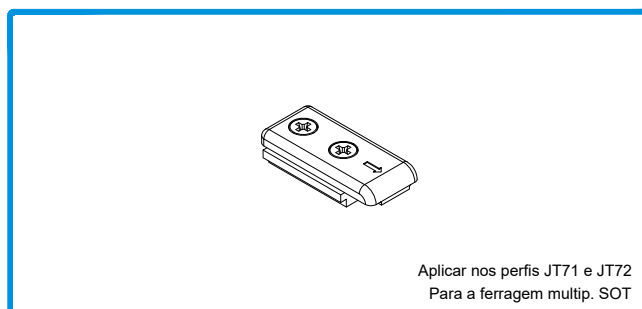
230006 SEGREDO 30/30 NIQUELADO (3 CHAVES)



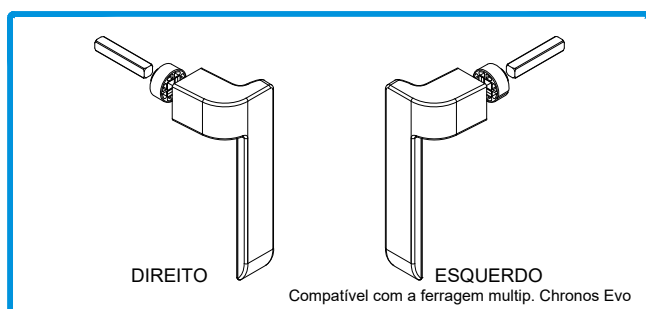
220251 ESPELHO P/SEGREDO 3500



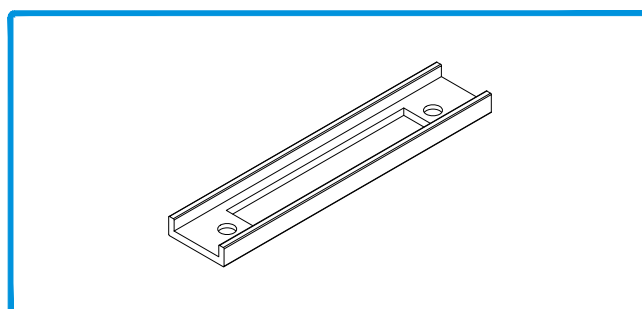
202492 CONTRA-FECHO SOT



000000 CONTRA FECHO LIGAÇÃO 2 FOLHAS E 90° SOT

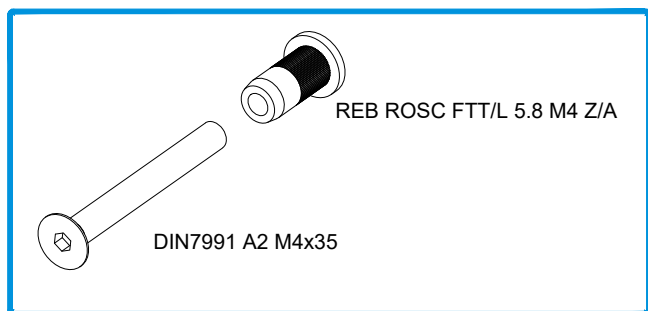


200238 CREM. MULTIP. MINIMALISTA NOVEM DESV. SOT - DIR
200239 CREM. MULTIP. MINIMALISTA NOVEM DESV. SOT - ESQ



218197 CALÇO P/ MULTIPONTO SOT JT

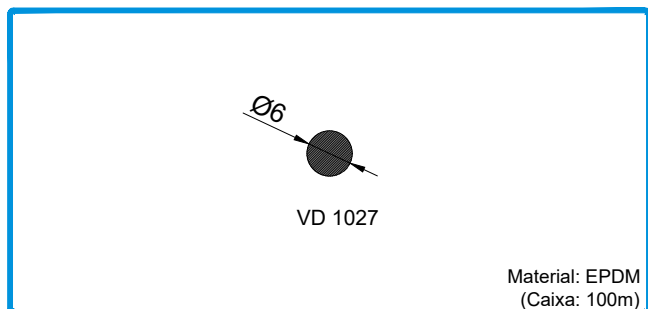
ACESSÓRIOS COMUNS AOS MULTIP. SOS E SOT | SOS AND SOT MULTIPOINTS SHARED ACCESSORIES



212017

CONJUNTO FIXAÇÃO FERRAGEM MULTI-PONTO

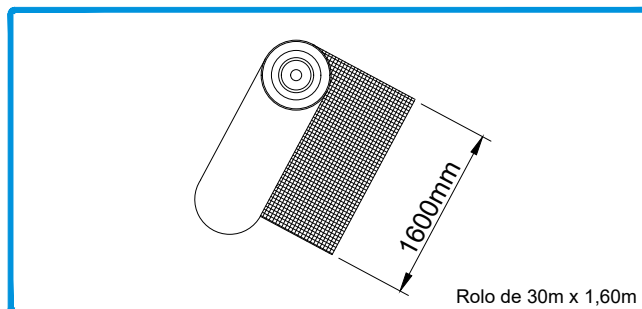
ACESSÓRIOS PARA MOSQUITEIRA | MOSQUITO NET ACCESSORIES



208310

VEDANTE PARA MOSQUITEIRA 1027 Pr.

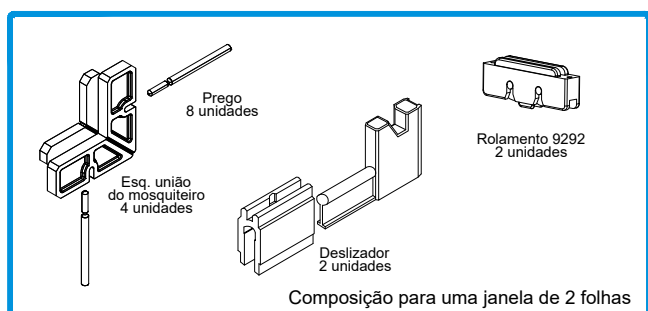
Material: EPDM
(Caixa: 100m)



229105

REDE MOSQUITEIRA EM FIBRA 1600mm (Cinza)

Rolo de 30m x 1,60m



223247

KIT TR MOSQUITEIRA DE CORRER

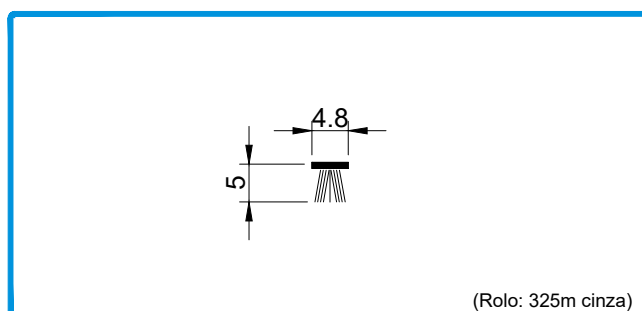
Prego
8 unidades

Esq. união
do mosquiteiro
4 unidades

Rolamento 9292
2 unidades

Deslizador
2 unidades

Composição para uma janela de 2 folhas

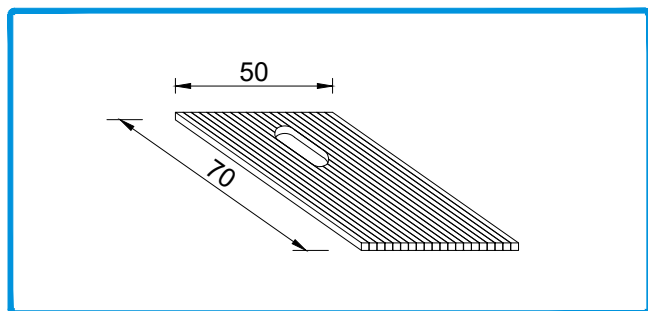


208303

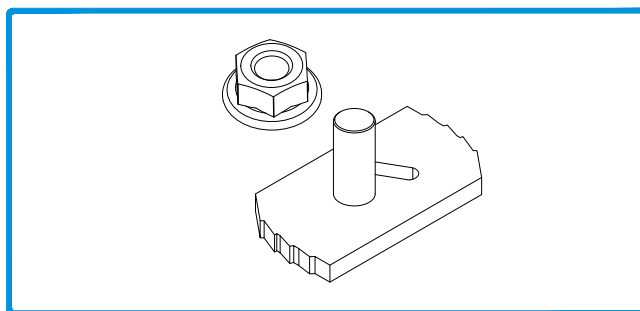
JUNTA PELÚCIA 4.8X5MM P/ MOSQUITEIRA

(Rolo: 325m cinza)

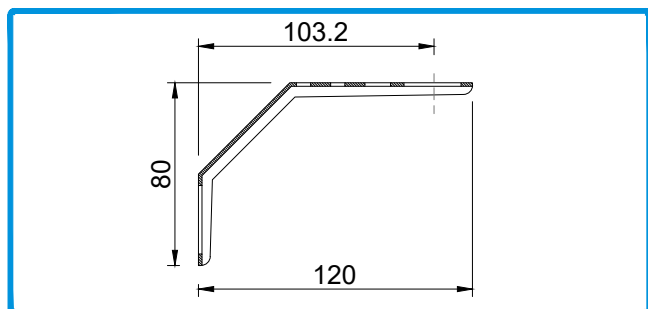
ACESSÓRIOS RENOVATIO | RENOVATIO ACCESSORIES



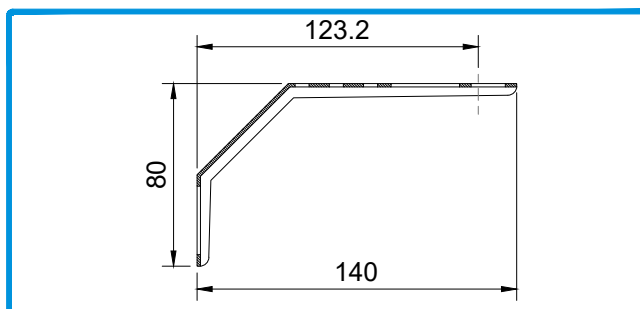
218116 CALÇO SEPARADOR 50x70MM



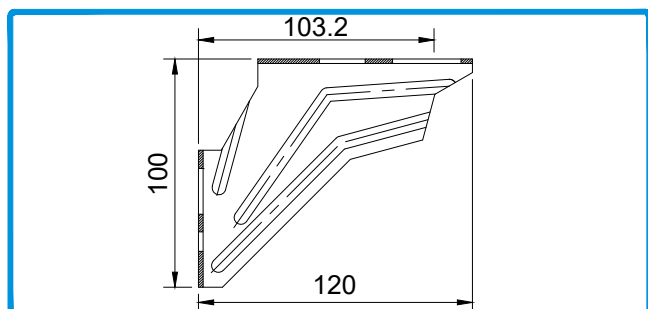
207220 PRESILHA M6x37MM



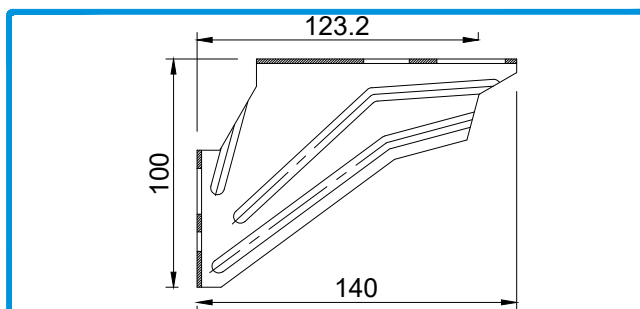
213240 ÂNGULO DE FIXAÇÃO 120MM



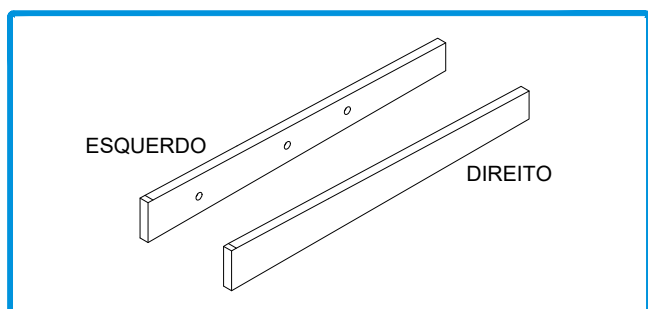
213256 ÂNGULO DE FIXAÇÃO 140MM



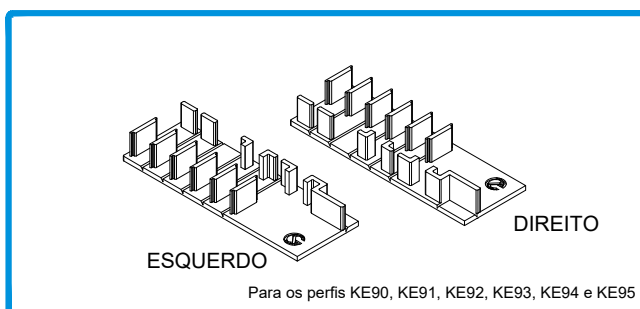
230019 SUPORTE DE FIXAÇÃO 120MM



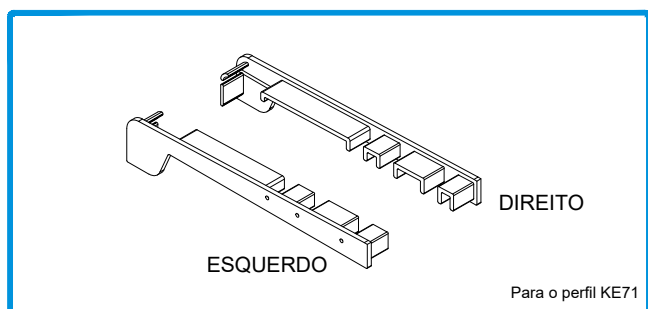
230308 SUPORTE DE FIXAÇÃO 140MM



212227 CONJ. JUNTAS ADES. P/ TOPOS PERFIL SOLEIRA KE71

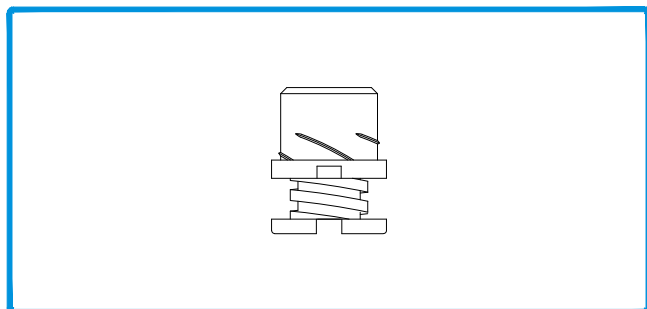


212223 CONJUNTO TOPOS INFERIORES RENOVATIO
Para os perfis KE90, KE91, KE92, KE93, KE94 e KE95



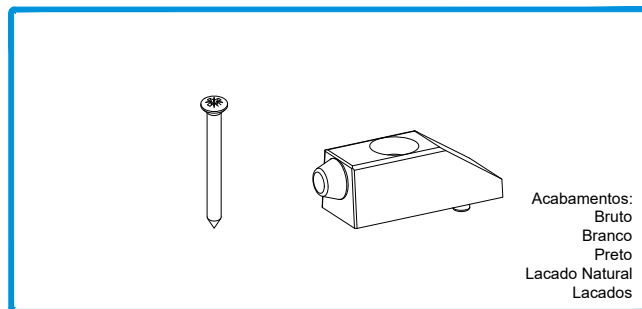
212221 CONJUNTO TAPA TOPOS KE 71
Para o perfil KE71

DIVERSOS | DIVERS



224205

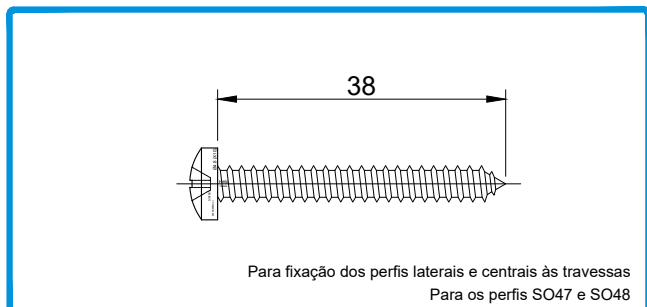
NIVELADOR PEQUENO 600.01/8



228107

LIMITADOR ABERT. PQ SERIE CORRER

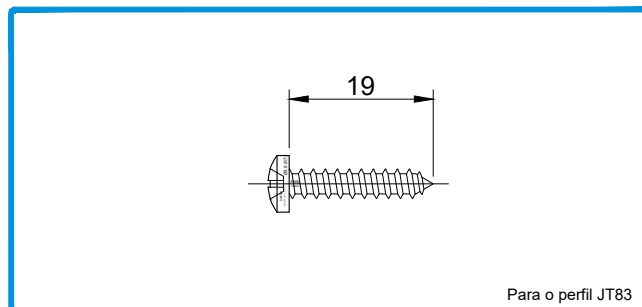
Acabamentos:
Bruto
Branco
Preto
Lacado Natural
Lacados



290158

PARAF PKI PH 1 1/2x10 CQ

Para fixação dos perfis laterais e centrais às travessas
Para os perfis SO47 e SO48



290472

PARAF. AT/PF CQ Ø3.9x19MM

Para o perfil JT83



208019

SELA JUNTAS 150gr. (Cinza)

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

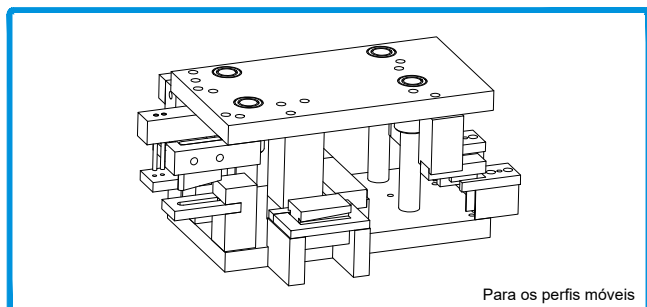


208704

PRODUTO LIMPEZA DE ALUMÍNIO (1L) Transparente

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

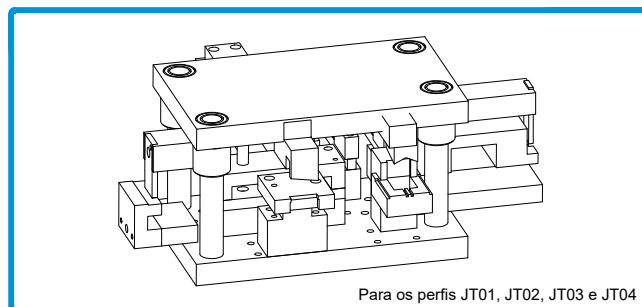
FERRAMENTAS | TOOLS



408060

CORTANTE JT - FOLHAS

Para os perfis móveis



408061

CORTANTE JT - AROS FR

Para os perfis JT01, JT02, JT03 e JT04

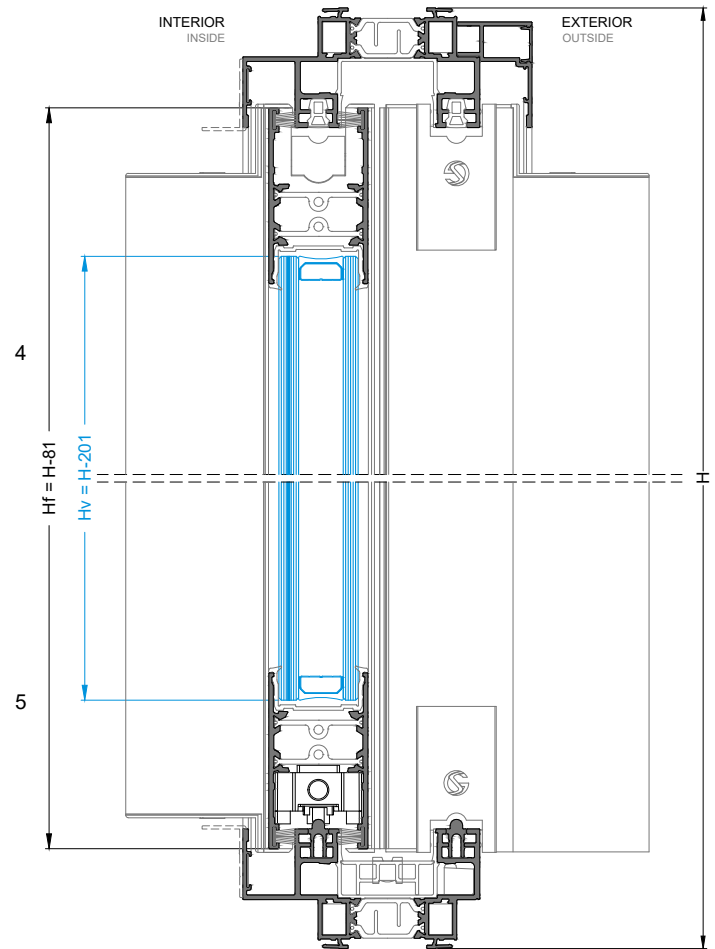
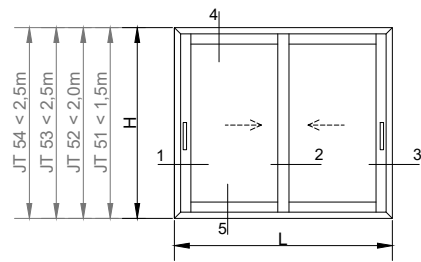
PORMENORES DE MONTAGEM
ASSEMBLY DETAILS

JANELA / PORTA DE CORRER 2 FOLHAS - PERFIL 2RAIL
2 LEAVES SLIDING WINDOW / DOOR - 2RAIL PROFILE

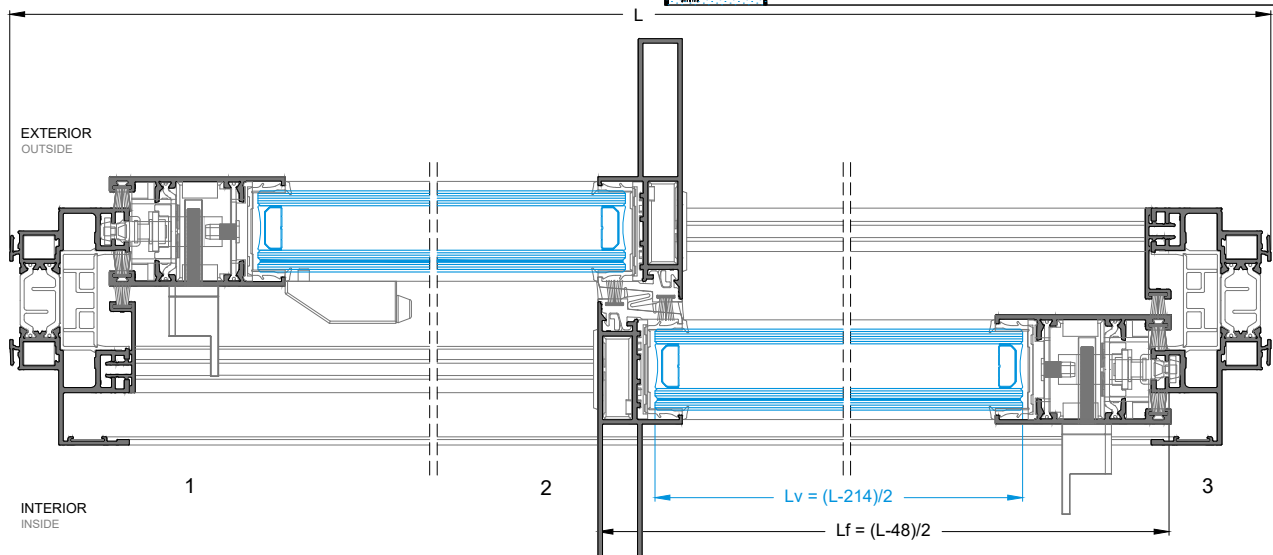
PERFIS PROFILES					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION	CORTE HORIZ. HORIZONTAL CUT	CORTE VERT. VERTICAL CUT	QUANT. QUANTITY	CORTE CUT
JT 02	ARO FIXO FIXED FRAME	L	H	2 + 2	
JT 54	PERFIL CENTRAL CENTRAL PROFILE	-	H-81	2	
JT 61	PERFIL LATERAL LATERAL PROFILE	-	H-81	2	
JT 63	TRAVESSA SUP/INF UP/LOW TRANSOM	(L-204)/2	-	4	
AT 30	CAPA COMPLEM. COMPLEM. COVER	L-44	-	1	
JT 83	PERFIL PINGADEIRA DRIP PROFILE	L-44	-	1	
JT 85	CAPA COMPLEM. COMPLEM. COVER	-	H-58	2	
JT 87	GUIA RAIL	L-100	-	2	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT	-	H-81	2	
215305	PERFIL PVC U U PVC PROFILE	L-41	H-41	2 + 2	
215303	PERFIL PVC T T PVC PROFILE	(L-137)/2	H-44	2 + 2	

ACESSÓRIOS ACCESSORIES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION	QUANT. QUANTITY
205129	CARRINHO JT 180KG ROLLERS	4
213286	CORTA-VENTO JT CENTRAL INSULATION GASKET	2
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL INSULATION GASKET WATERPROOF KIT	1
204164	ESQUADRO JT 12x9.5 CORNER CLEAT	8
213246	CANTO CR S/SB CORNER	4
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT	2
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT	2
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END COVERS KIT	2
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT	2
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END COVERS KIT	2
212456	CONJ. TOPOS CENTRAL REFORÇ. JT54 JT54 END-CAPS KIT	2
210269	GOTEIRA OCULTA C/ VALV. SV-C13 DRIP	3
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) DRIP (OPTIONAL)	4
211121	FERRAGEM MULTIPONTO ANTI-FALSA MANOB. 1000 MULTIPONTO HARDWARE	2
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO LOCKING PLATE	4
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT LOCKING PLATE FIXATION KIT	4
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPONTO HARDWARE SHIM	12
212017	CONJ. FIX. FERRAGEM MULTI-PONTO MULTIPONTO HARDWARE FIXATION KIT	12
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE	1
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE	1
212341	CONJ. TOPOS LAT. PINGADEIRA DRIP PROFILE LAT. END-CAPS KIT	1
228107	LIMITADOR ABERT. PQ SERIE CORRER BUFFER	1
290472	PARAF. AT/PF CQ Ø3.9x19MM SCREW	DIVERSOS DIVERSES
290158	PARAF. PKI PH 1 1/2X10 CQ SCREW	16
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM	4

* Usar em folhas com vidros com peso superior a 80kg.
To be used in leaves which glass weight exceed 80kg.



VEDANTES SEALANTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION	QUANT. QUANTITY
208304	PELUCIA 7x10 STOP-FIN PRETA BRUSH GASKET	4L + 4H
208348	JUNTA TAPA CANAL 2116 JT JOINT	2L + 2H
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET	2L + 4H
208307	PELUCIA 7x10 TRI-FIN PRETA BRUSH GASKET	4H



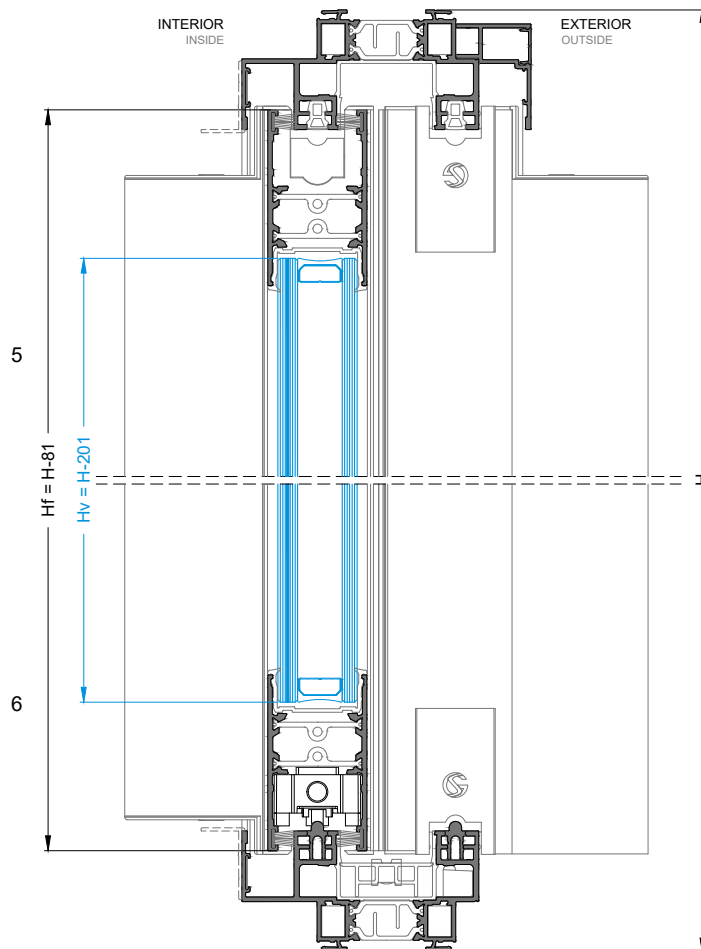
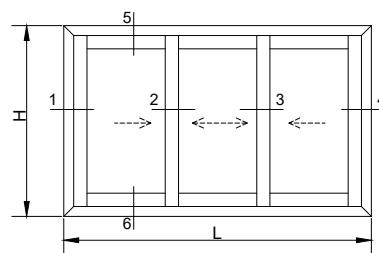
JANELA / PORTA DE CORRER 3 FOLHAS - PERFIL 2RAIL
3 LEAVES SLIDING WINDOW / DOOR - 2RAIL PROFILE

PERFIS PROFILES					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION	CORTE HORIZ. HORIZONTAL CUT	CORTE VERT. VERTICAL CUT	QUANT. QUANTITY	CORTE CUT
JT 02	ARO FIXO FIXED FRAME	L	H	2 + 2	
JT 54	PERFIL CENTRAL CENTRAL PROFILE	-	H-81	4	
JT 61	PERFIL LATERAL LATERAL PROFILE	-	H-81	2	
JT 63	TRAVESSA SUP/INF UP/LOW TRANSOM	(L-211)/3	-	6	
AT 30	CAPA COMPLEM. COMPLEM. COVER	L-44	-	1	
JT 83	PERFIL PINGADEIRA DRIP PROFILE	L-44	-	1	
JT 85	CAPA COMPLEM. COMPLEM. COVER	-	H-58	2	
JT 87	GUIA RAIL	L-102 L-97	-	1	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT	-	H-81	4	
215305	PERFIL PVC U U PVC PROFILE	L-41	H-41	2 + 2	
215303	PERFIL PVC T T PVC PROFILE	(L-110)/3 (L-385)/3	H-44	2 1 + 2	

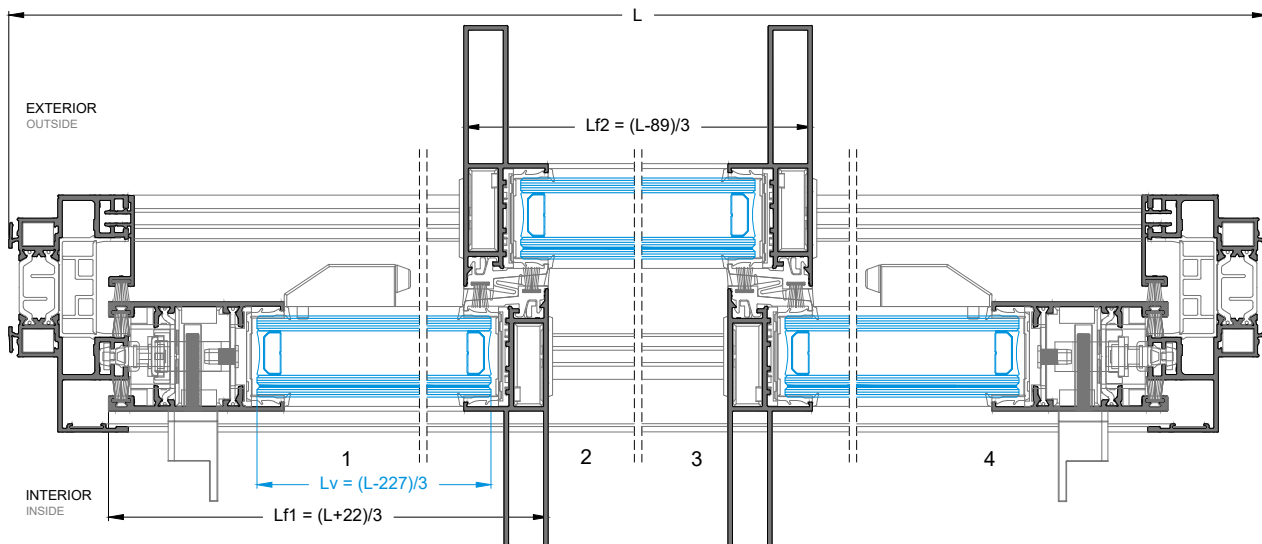
ACESSÓRIOS ACCESSORIES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION	QUANT. QUANTITY
205129	CARRINHO JT 180KG ROLLERS	6
213286	CORTA-VENTO JT CENTRAL INSULATION GASKET	4
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL INSULATION GASKET WATERPROOF KIT	2
204164	ESQUADRO JT 12x9.5 CORNER CLEAT	8
213246	CANTO CR S/SB CORNER	4
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT	2
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT	2
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END COVERS KIT	2
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT	4
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END COVERS KIT	4
212456	CONJ. TOPOS CENTRAL REFORÇ. JT54 JT54 END-CAPS KIT	4
210269	GOTEIRA OCULTA C/ VALV. SV-C13 DRIP	3
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) DRIP (OPTIONAL)	8
211121	FERRAGEM MULTIPONTO ANTI-FALSA MANOB. 1000 MULTIPONTO HARDWARE	2
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO LOCKING PLATE	4
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT LOCKING PLATE FIXATION KIT	4
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPONTO HARDWARE SHIM	12
212017	CONJ. FIX. FERRAGEM MULTI-PONTO MULTIPONTO HARDWARE FIXATION KIT	12
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE	1
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE	1
212341	CONJ. TOPOS LAT. PINGADEIRA DRIP PROFILE LAT. END-CAPS KIT	1
228107	LIMITADOR ABERT. PQ SERIE CORRER BUFFER	2
290472	PARAF. AT/PF CQ Ø3.9x19MM SCREW	DIVERSOS DIVERSES
290158	PARAF PKI PH 1 1/2X10 CQ SCREW	24
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM	6

* Usar em folhas com vidros com peso superior a 80kg.
To be used in leaves which glass weight exceed 80kg.

As fórmulas foram concebidas para medidas de vidros e travessas iguais. Para este tipo de tipologia teremos 2 larguras de folha distintas, identificadas como Lf1 e Lf2.
The formulas were designed for glasses and transoms with equal measures. For this type of typology we will have 2 distinct leaf widths, identified as Lf1 and Lf2.

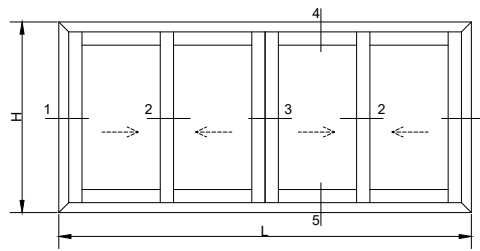


VEDANTES SEALANTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION	QUANT. QUANTITY
208304	PELUCIA 7x10 STOP-FIN PRETA BRUSH GASKET	4L + 6H
208348	JUNTA TAPA CANAL 2116 JT JOINT	2L + 2H
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET	2L + 6H
208307	PELUCIA 7x10 TRI-FIN PRETA BRUSH GASKET	4H

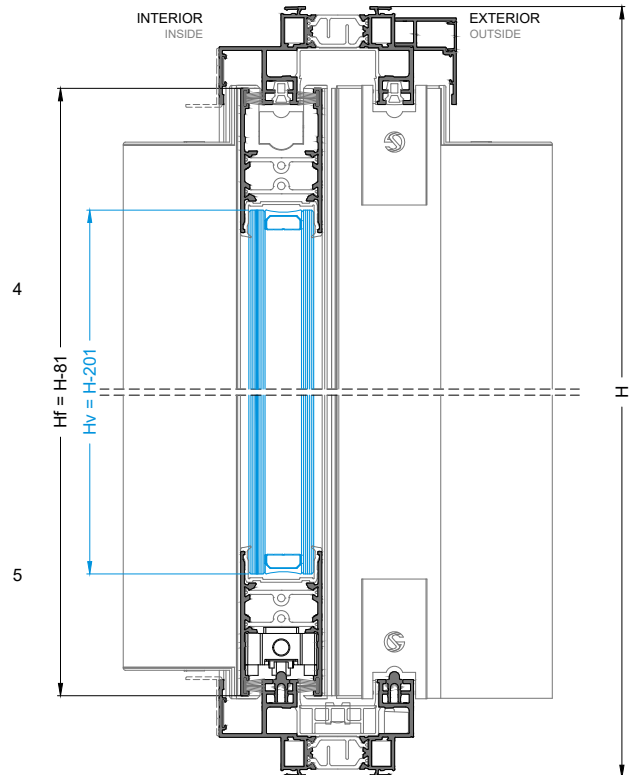


JANELA / PORTA DE CORRER 4 FOLHAS COM LIGAÇÃO CENTRAL - PERFIL 2RAIL
4 LEAVES SLIDING WINDOW / DOOR WITH CENTRAL CONNECTION - 2RAIL PROFILE

PERFIS PROFILES					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION	CORTE HORIZ. HORIZONTAL CUT	CORTE VERT. VERTICAL CUT	QUANT. QUANTITY	CORTE CUT
JT 02	ARO FIXO FIXED FRAME	L	H	2 + 2	
JT 54	PERFIL CENTRAL CENTRAL PROFILE	-	H-81	4	
JT 61	PERFIL LATERAL LATERAL PROFILE	-	H-81	4	
JT 63	TRAVESSA SUP/INF UP/LOW TRANSOM	(L-334)/4	-	8	
JT 71	PERFIL LIGAÇÃO CONNECTION PROFILE	-	H-149	1	
AT 30	CAPA COMPLEM. COMPLEM. COVER	L-44	-	1	
JT 83	PERFIL PINGADEIRA DRIP PROFILE	L-44	-	1	
JT 85	CAPA COMPLEM. COMPLEM. COVER	-	H-58	2	
JT 87	GUIA RAIL	L-102 L-97	-	1 1	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT	-	H-81	4	
215305	PERFIL PVC U U PVC PROFILE	L-41	H-41	2 + 2	
215303	PERFIL PVC T T PVC PROFILE	(L-198)/4 (L-335)/4	H-44	2 + 2	

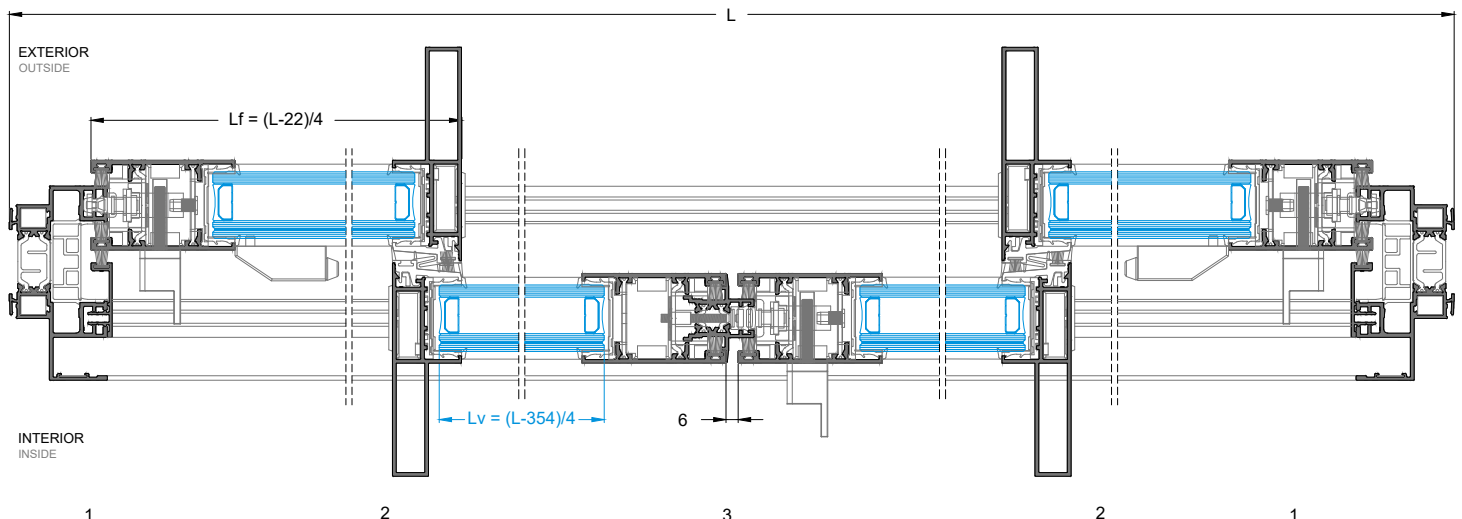


ACESSÓRIOS ACCESSORIES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION	QUANT. QUANTITY
205129	CARRINHO JT 180KG ROLLERS	8
213286	CORTA-VENTO JT CENTRAL INSULATION GASKET	6
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL INSULATION GASKET WATERPROOF KIT	3
204164	ESQUADRO JT 12x9.5 CORNER GLEAT	8
213246	CANTO CR S/SB CORNER	4
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT	4
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT	4
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END COVERS KIT	4
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT	4
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END COVERS KIT	4
212456	CONJ. TOPOS CENTRAL REFORÇ. JT54 JT54 END-CAPS KIT	4
000000	CONJ. TOPOS LIG. 2 FOLHAS JT 2 LEAVES CONNECTING END-CAPS KIT	1
210269	GOTEIRA OCULTA C/ VALV. SV-C13 DRIP	6
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) DRIP (OPTIONAL)	4
211121	FERRAGEM MULTIPONTO ANTI-FALSA MANOB. 1000 MULTIPOINT HARDWARE	3
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO LOCKING PLATE	6
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT LOCKING PLATE FIXATION KIT	6
000000	CALÇO P/ C.-FECHO PERF. LIG CONNECTING PROFILE COUNTER-LOCK BRACKET SHIM	2
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM	18
212017	CONJ. FIX. FERRAGEM MULTI-PONTO MULTIPOINT HARDWARE FIXATION KIT	18
212079	CONJ. FIX. FERRAGEM MULTIP. JT72 JT72 MULTIPOINT HARDWARE FIXATION KIT	DIVERSOS DIVERSES
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE	1
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE	2
212341	CONJ. TOPOS LAT. PINGADEIRA DRIP PROFILE LAT. END-CAPS KIT	1
228107	LIMITADOR ABERT. PQ SERIE CORRER BUFFER	2
290472	PARAF. AT/PF CQ Ø3.9x19MM SCREW	DIVERSOS DIVERSES
290158	PARAF. PKI PH 1 1/2X10 CQ SCREW	32
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM	8



VEDANTES SEALANTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION	QUANT. QUANTITY
208304	PELUCIA 7x10 STOP-FIN PRETA BRUSH GASKET	6L + 8H
208348	JUNTA TAPA CANAL 2116 JT JOINT	2L + 2H
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET	2L + 8H
208307	PELUCIA 7x10 TRI-FIN PRETA BRUSH GASKET	4H
208479	JUNTA TAPA CANAL PERFIL LIG. 2117 JT JOINT	H

* Usar em folhas com vidros com peso superior a 80kg.
To be used in leaves which glass weight exceed 80kg.



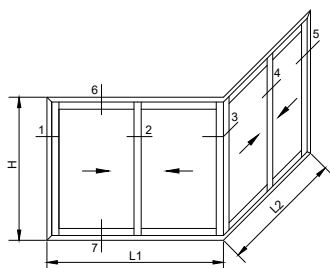
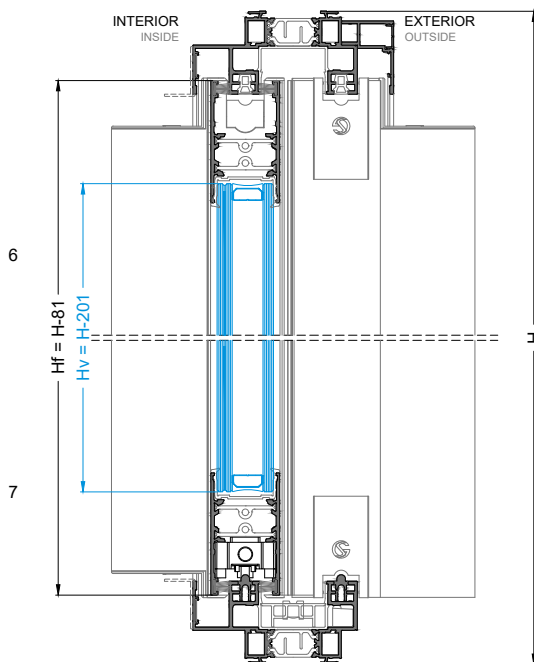
JANELA / PORTA DE CORRER 4 FOLHAS EM CANTO EXTERIOR 90° - PERFIL 2RAIL
4 LEAVES SLIDING WINDOW / DOOR IN OUTER 90° CORNER - 2RAIL PROFILE

PERFIS PROFILES					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION	CORTE HORIZ. HORIZONTAL CUT	CORTE VERT. VERTICAL CUT	QUANT. QUANTITY	CORTE CUT
JT 02	ARO FIXO FIXED FRAME	L1 L2	H	2 2 + 2	
JT 54	PERFIL CENTRAL CENTRAL PROFILE	-	H-81	4	
JT 61	PERFIL LATERAL LATERAL PROFILE	-	H-81	2	
JT 62	PERFIL LAT. CANTO CORNER LAT. PROF.	-	H-81	2	
JT 63	TRAVESSA SUP/INF U/LOW TRANSOM	(L1-189)/2 (L2-202)/2	-	4	
JT 72	PERFIL LIG. CANTO CONNECT. PROFILE	-	H-149	1	
AT 30	CAPA COMPLEM. COMPLEM. COVER	L1-1 L2-1	-	1	
JT 83	PERFIL PINGADEIRA DRIP PROFILE	L1-1 L2-1	-	1	
JT 85	CAPA COMPLEM. COMPLEM. COVER	-	H-58	2	
JT 87	GUIA RAIL	L1-43 L1-112 L2-43 L2-112	-	1 1 1 1	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT	-	H-81	4	
215305	PERFIL PVC U U PVC PROFILE	L1-38 L2-38	H-41	2 2 + 2	
215303	PERFIL PVC T T PVC PROFILE	(L1-122)/2 (L1-230)/2 (L2-134)/2 (L2-218)/2	H-44	1 1 + 2 1	

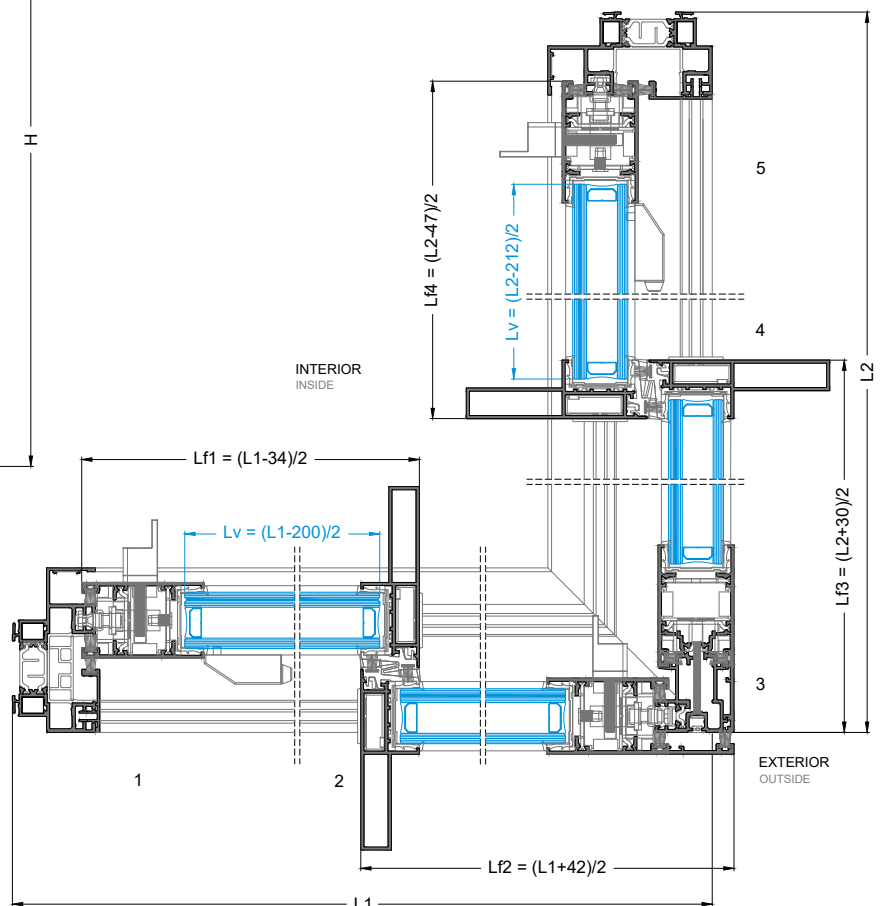
VEDANTES SEALANTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION	QUANT. QUANTITY
208304	PELUCIA 7x10 STOP-FIN PRETA BRUSH GASKET	4L1 + 6H 4L2
208348	JUNTA TAPA CANAL 2116 JT JOINT	2L1 + 2H 2L2
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET	2L1 + 8H 2L2
208307	PELUCIA 7x10 TRI-FIN PRETA BRUSH GASKET	9H
208479	JUNTA TAPA CANAL PERFIL LIG. 2117 JT JOINT	H
208435	JUNTA VD 2415 PRT JOINT	H

ACESSÓRIOS ACCESSORIES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION	QUANT. QUANTITY
205129	CARRINHO JT 180KG ROLLERS	8
213286	CORTA-VENTO JT CENTRAL INSULATION GASKET	4
000000	CORTA-VENTO CANTO 90° JT CORNER INSULATION GASKET	2
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL INSULATION GASKET WATERPROOF KIT	4
204164	ESQUADRO JT 12x9.5 CORNER CLEAT	8
000000	CONJ. UNIÃO CANTO 90° JT 90° CORNER UNION KIT	1
204389	ESQUADRO INOX CANTO 90° 90° CORNER	2
213246	CANTO CR S/SB CORNER	4
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT	4
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT	4
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END COVERS KIT	4
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT	4
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END COVERS KIT	4
212456	CONJ. TOPOS CENTRAL REFORÇ. JT54 JT54 END-CAPS KIT	4
000000	CONJ. TOPOS CANTO 90° JT 90° CORNER END-CAPS KIT	1
210269	GOTEIRA OCULTA C/ VALV. SV-C13 DRIP	6
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) DRIP (OPTIONAL)	6
211121	FERRAGEM MULTIPONTO ANTI-FALSA MANOB. 1000 MULTIPONT HARDWARE	3
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO LOCKING PLATE	6
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT LOCKING PLATE FIXATION KIT	6
000000	CALÇO P/ C.-FECHO PERF. LIG CONNECTING PROFILE LOCKING PLATE SHIM	2
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPONT HARDWARE SHIM	18
212017	CONJ. FIX. FERRAGEM MULTI-PONTO MULTIPONT HARDWARE FIXATION KIT	18
212079	CONJ. FIX. FERRAGEM MULTIP. JT72 JT72 MULTIPONT HARDWARE FIXATION KIT	DIVERSOS DIVERSES
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE	1
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE	2
212341	CONJ. TOPOS LAT. PINGADEIRA DRIP PROFILE LAT. END-CAPS KIT	1
228107	LIMITADOR ABERT. PQ SERIE CORRER BUFFER	2
290472	PARAF. AT/PF CQ Ø3.9x19MM SCREW	DIVERSOS DIVERSES
290158	PARAF PKI PH 1 1/2X10 CQ SCREW	32
218137	CALÇO REFORÇO HORIZONTAL JT* HORIZONTAL REINFORCEMENT SHIM	8

* Usar em folhas com vidros com peso superior a 80kg.
To be used in leaves which glass weight exceed 80kg.

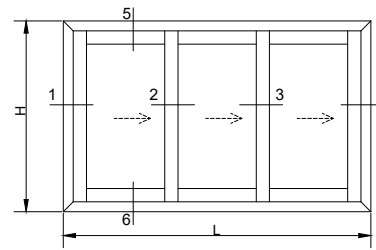


As fórmulas foram concebidas para medidas de vidros e travessas iguais. Para este tipo de tipologia teremos 4 larguras de folha distintas, identificadas como Lf1, Lf2, Lf3 e Lf4.
The formulas were designed for glasses and transoms with equal measures. For this type of typology we will have 4 distinct leaf widths, identified as Lf1, Lf2, Lf3 and Lf4.



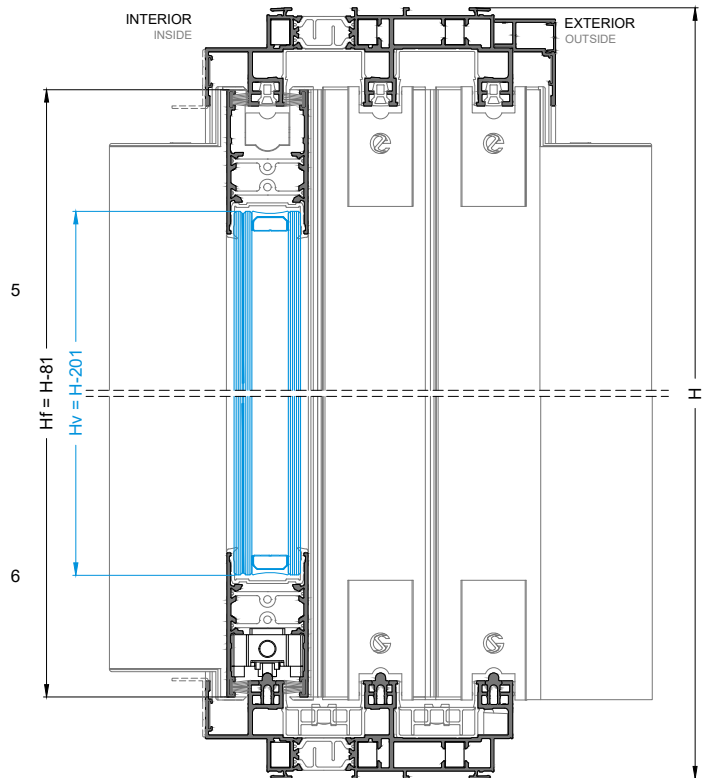
JANELA / PORTA DE CORRER 3 FOLHAS - PERFIL 3RAIL
3 LEAVES SLIDING WINDOW / DOOR - 3RAIL PROFILE

PERFIS PROFILES					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION	CORTE HORIZ. HORIZONTAL CUT	CORTE VERT. VERTICAL CUT	QUANT. QUANTITY	CORTE CUT
JT 03	ARO FIXO FIXED FRAME	L	H	2 + 2	
JT 54	PERFIL CENTRAL CENTRAL PROFILE	-	H-81	4	
JT 61	PERFIL LATERAL LATERAL PROFILE	-	H-81	2	
JT 63	TRAVESSA SUP/INF UP/LOW TRANSOM	(L-211)/3	-	6	
AT 30	CAPA COMPLEM. COMPLEM. COVER	L-44	-	1	
JT 83	PERFIL PINGADEIRA DRIP PROFILE	L-44	-	1	
JT 88	CAPA COMPLEM. COMPLEM. COVER	-	H-58	2	
JT 87	GUIA RAIL	L-100 L-97	-	2 1	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT	-	H-81	4	
215305	PERFIL PVC U U PVC PROFILE	L-41	H-41	2 + 2	
215303	PERFIL PVC T T PVC PROFILE	(L-109)/3 (2L-298)/3	H-44	2 2	

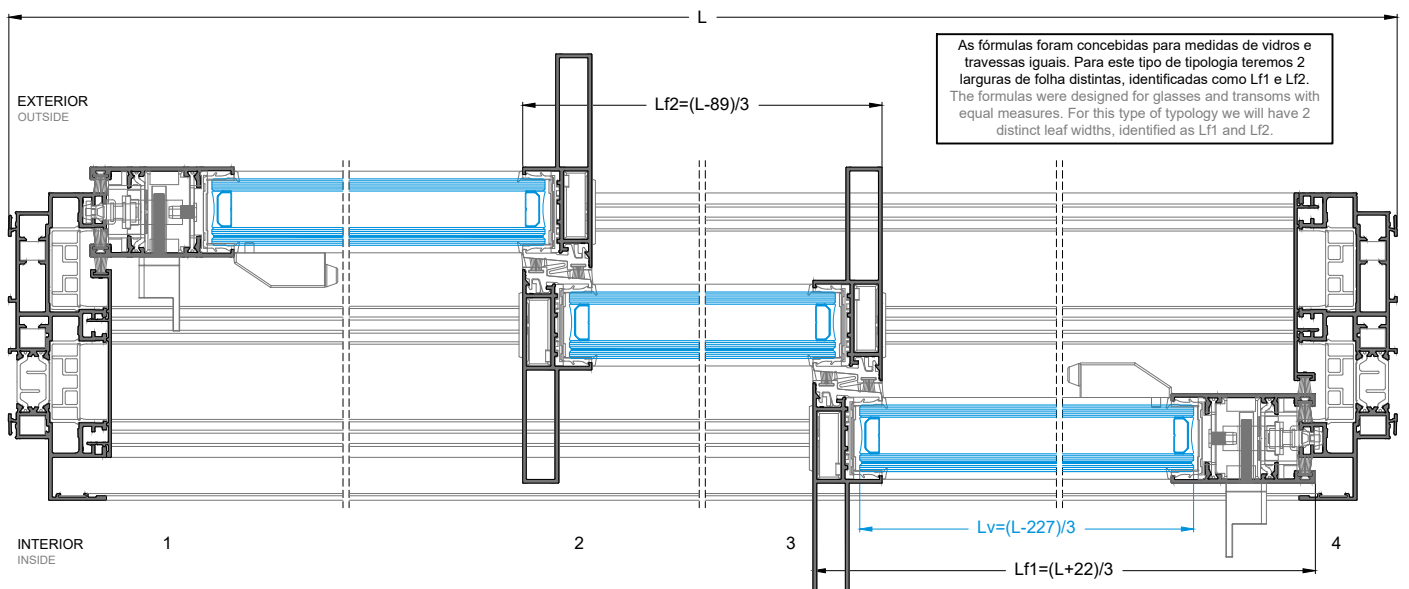


ACESSÓRIOS ACCESSORIES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION	QUANT. QUANTITY
205129	CARRINHO JT 180KG ROLLERS	6
213286	CORTA-VENTO JT CENTRAL INSULATION GASKET	4
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL INSULATION GASKET WATERPROOF KIT	2
000000	CONJ. ESTANQ. ESTREITO CORTA-VENTO JT CENTRAL INSUL. GASKET WAT. KIT	1
204164	ESQUADRO JT 12x9.5 CORNER GLEAT	12
213246	CANTO CR S/SB CORNER	4
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT	2
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT	2
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END COVERS KIT	2
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT	4
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END COVERS KIT	4
212456	CONJ. TOPOS CENTRAL REFORÇ. JT54 JT54 END-CAPS KIT	4
210269	GOTEIRA OCULTA C/ VALV. SV-C13 DRIP	3
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) DRIP (OPTIONAL)	4
211121	FERRAGEM MULTIPONTO ANTI-FALSA MANOB. 1000 MULTIPOINT HARDWARE	2
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO LOCKING PLATE	4
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT LOCKING PLATE FIXATION KIT	4
218198	CALÇO PI/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM	12
212017	CONJ. FIX. FERRAGEM MULTI- PONTO MULTIPOINT HARDWARE FIXATION KIT	12
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE	1
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE	1
212341	CONJ. TOPOS LAT. PINGADEIRA DRIP PROFILE LAT. END-CAPS KIT	1
228107	LIMITADOR ABERT. PQ SERIE CORRER BUFFER	2
290472	PARAF. AT/PF CQ Ø3.9x19MM SCREW	DIVERSOS DIVERSES
290158	PARAF PKI PH 1 1/2X10 CQ SCREW	24
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM	6

* Usar em folhas com vidros com peso superior a 80kg.
To be used in leaves which glass weight exceed 80kg.



VEDANTES SEALANTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION	QUANT. QUANTITY
208304	PELUCIA 7x10 STOP-FIN PRETA BRUSH GASKET	4L + 6H
208348	JUNTA TAPA CANAL 2116 JT JOINT	3L + 2H
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET	2L + 6H
208307	PELUCIA 7x10 TRI-FIN PRETA BRUSH GASKET	4H



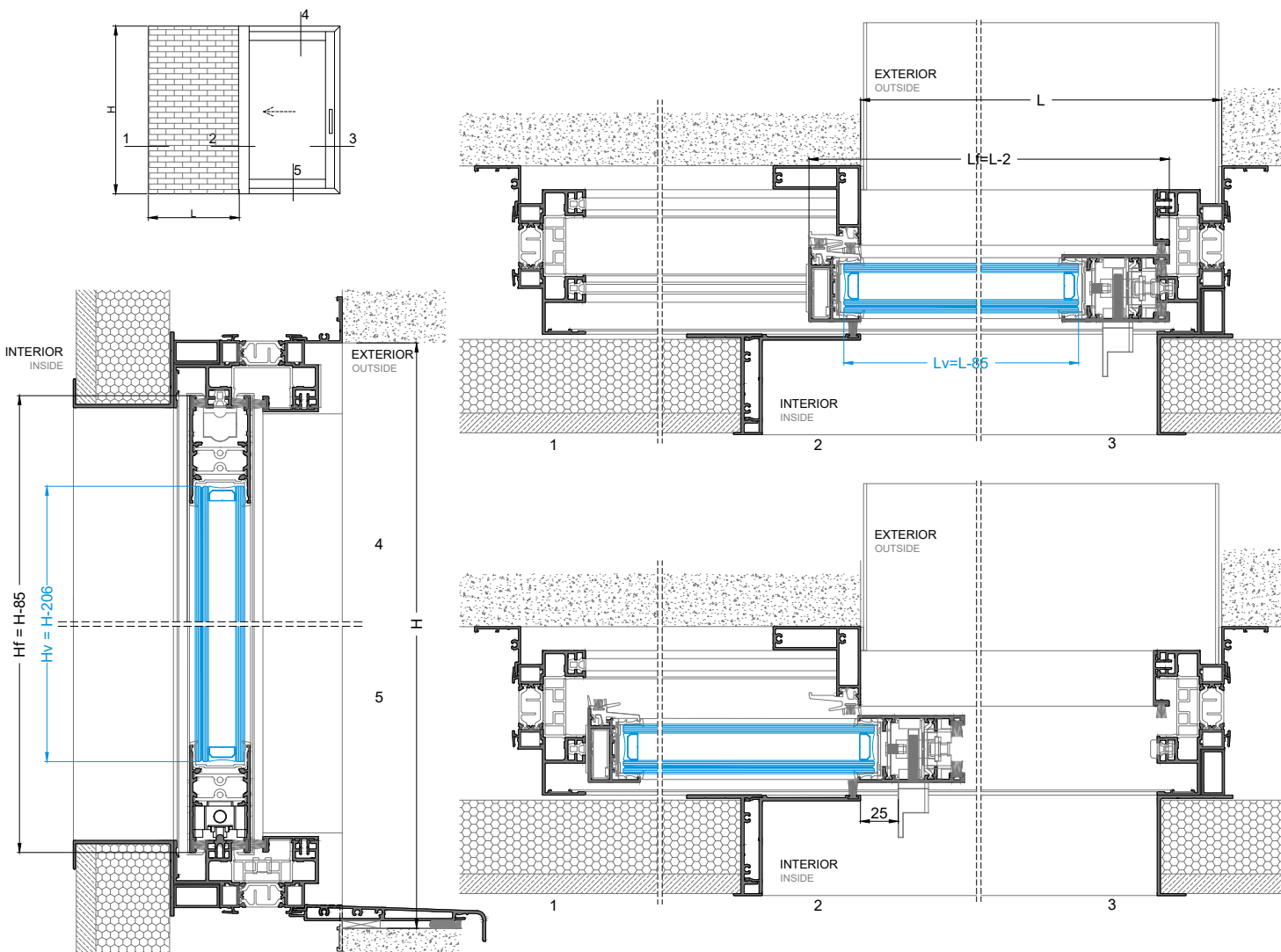
JANELA / PORTA DE CORRER 1 FOLHA DE EMBUTIR - PERFIL 2RAIL
1 LEAF HIDDEN SLIDING WINDOW / DOOR - 2RAIL PROFILE

PERFIS PROFILES					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION	CORTE HORIZ. HORIZONTAL CUT	CORTE VERT. VERTICAL CUT	QUANT. QUANTITY	CORTE CUT
JT 02	ARO FIXO FIXED FRAME	2L-14	H-4	2 + 2	
JT 51	PERFIL CENTRAL CENTRAL PROFILE	-	H-85	1	
JT 61	PERFIL LATERAL LATERAL PROFILE	-	H-85	1	
JT 63	TRAVESSA SUP/INF UP/LOW TRANSOM	L-79	-	2	
JT 85	CAPA COMPLEM. COMPLEM. COVER	L-46	H-62	2 + 1	
JT 87	GUIA RAIL	2L-111	-	1	
JT 93	MONTANTE GALANDAGE MULLION	-	H-111	1	
SO 46	PERFIL REMATE FINISHING PROFILE	-	H-101	1	
SO 47	PERFIL REMATE FINISHING PROFILE	-	H-101	1	
SO 48	PERFIL REMATE FINISHING PROFILE	L+91	H-1	2 + 1	
KE 71	PERFIL REMATE FINISHING PROFILE	L-6	-	1	
KE 90	PERFIL REMATE FINISHING PROFILE	2L+36 L+5	H+45	1 + 1	
KP 32	PERFIL REMATE FINISHING PROFILE	Variável Variable			
208346	JUNTA CENTRAL 2196 CENTRAL JOINT	-	H-85 H-111	1	
215305	PERFIL PVC U U PVC PROFILE	2L-55	H-45	2 + 2	
215303	PERFIL PVC T T PVC PROFILE	L-45 L-105	H-48	1 + 2	

VEDANTES SEALANTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION	QUANT. QUANTITY
208304	PELUCIA 7x10 STOP-FIN PRETA BRUSH GASKET	6L + H
208348	JUNTA TAPA CANAL 2116 JT JOINT	4L + 3H
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET	2L + 2H
208307	PELUCIA 7x10 TRI-FIN PRETA BRUSH GASKET	2H
208466	PELUCIA 7x12 STOP-FIN PRETA BRUSH GASKET	H

ACESSÓRIOS ACCESSORIES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION	QUANT. QUANTITY
205129	CARRINHO JT 180KG ROLLERS	2
213286	CORTA-VENTO JT CENTRAL INSULATION GASKET	2
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL INSULATION GASKET WATERPROOF KIT	1
204164	ESQUADRO JT 12x9.5 CORNER CLEAT	8
213246	CANTO CR S/SB CORNER	7
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT	1
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT	1
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END COVERS KIT	1
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT	1
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END COVERS KIT	1
210269	GOTEIRA OCULTA C/ VALV. SV-C13 DRIP	3
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) DRIP (OPTIONAL)	4
211121	FERRAGEM MULTIPONTO ANTI-FALSA MANOB. 1000 MULTIPOINT HARDWARE	1
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO LOCKING PLATE	2
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT LOCKING PLATE FIXATION KIT	2
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM	6
212017	CONJ. FIX. FERRAGEM MULTI-PONTO MULTIPOINT HARDWARE FIXATION KIT	6
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE	1
000000	CONJ. TOPOS JT93 JT 93 END-CAPS KIT	1
212221	CONJ. TAPA TOPOS KE71 RENOVATIO END-CAPS KIT	1
212227	CONJ. JUNTAS ADES. P/ TOPOS PERFIL SOL. KE71 RENOVATIO END-CAPS KIT	1
212223	CONJ. TOPOS INFERIORES RENOVATIO RENOVATIO END-CAPS KIT	1
290472	PARAF. AT/FP CQ Ø3.9x19MM SCREW	DIVERSOS DIVERSES
290158	PARAF PKI PH 1 1/2X10 CQ SCREW	8
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM	2

* Usar em folhas com vidros com peso superior a 80kg.
To be used in leaves which glass weight exceed 80kg.



JANELA / PORTA DE CORRER 2 FOLHAS DE EMBUTIR - PERFIL 3RAIL

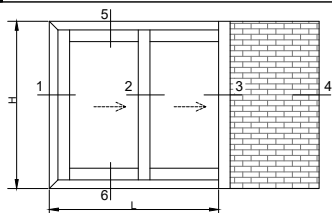
2 LEAVES HIDDEN SLIDING WINDOW / DOOR - 3RAIL PROFILE

PERFIS PROFILES					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION	CORTE HORIZ. HORIZONTAL CUT	CORTE VERT. VERTICAL CUT	QUANT. QUANTITY	CORTE CUT
JT 03	ARO FIXO FIXED FRAME	(3L+108)/2	H-4	2 + 2	
JT 51	PERFIL CENTRAL CENTRAL PROFILE	-	H-85	2	
JT 53	PERFIL CENTRAL CENTRAL PROFILE	-	H-85	1	
JT 61	PERFIL LATERAL LATERAL PROFILE	-	H-85	1	
JT 63	TRAVESSA SUP/INF U/PLW TRANSOM	(L-88)/2	-	4	
JT 85	CAPA COMPLEM. COMPLEM. COVER	L-46	-	1	
JT 88	CAPA COMPLEM. COMPLEM. COVER	-	H-62	1	
JT 87	GUIA RAIL	(3L-91)/2	-	2	
JT 93	MONTANTE GALANDAGE MULLION	-	H-111	1	
SO 46	PERFIL REMATE FINISHING PROFILE	-	H-101	1	
SO 47	PERFIL REMATE FINISHING PROFILE	-	H-101	1	
SO 48	PERFIL REMATE FINISHING PROFILE	L+91	H-1	2 + 1	
KE 71	PERFIL REMATE FINISHING PROFILE	L-6	-	1	
KE 90	PERFIL REMATE FINISHING PROFILE	(3L+208)/2 (L+147)/2	H+45	1 + 1	
KP 32	PERFIL REMATE FINISHING PROFILE	Variável Variable			
208346	JUNTA CENTRAL 2196 CENTRAL JOINT	-	H-85 H-111	3 1	
215305	PERFIL PVC U U PVC PROFILE	(3L+26)/2	H-45	2 + 2	
215303	PERFIL PVC T T PVC PROFILE	L-46 (L-18)/2 (L-72)/2 L-73	H-44	1 1 1 + 2 1	

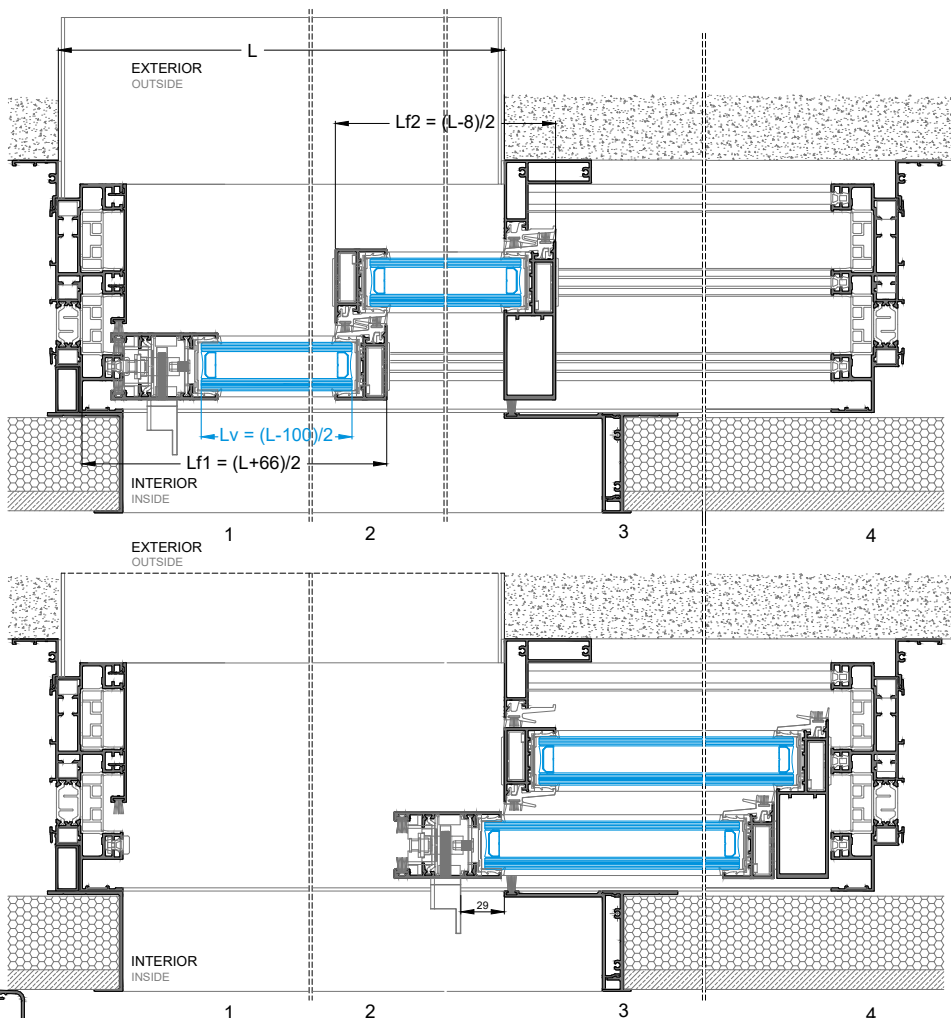
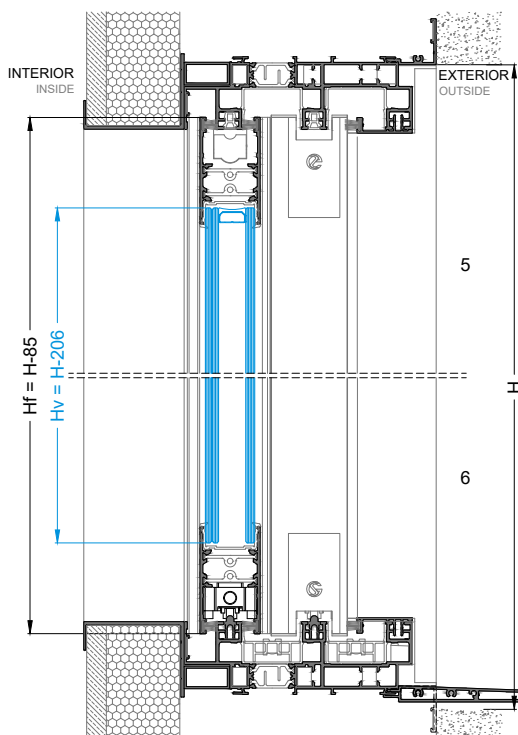
VEDANTES SEALANTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION	QUANT. QUANTITY
208304	PELUCIA 7x10 STOP-FIN PRETA BRUSH GASKET	2L + 6H
208348	JUNTA TAPA CANAL 2116 JT JOINT	6L + 4H
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET	2L + 4H
208307	PELUCIA 7x10 TRI-FIN PRETA BRUSH GASKET	7H
208466	PELUCIA 7x12 STOP-FIN PRETA BRUSH GASKET	H

ACESSÓRIOS ACCESSORIES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION	QUANT. QUANTITY
205129	CARRINHO JT 180KG ROLLERS	4
213286	CORTA-VENTO JT CENTRAL INSULATION GASKET	4
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL INSULATION GASKET WATERPROOF KIT	2
000000	CONJ. ESTANQ. ESTREITO CORTA-VENTO JT CENTRAL INSUL. GASKET WAT. KIT	1
204164	ESQUADRO JT 12x9.5 CORNER CLEAT	12
213246	CANTO CR S/SB CORNER	7
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT	1
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT	1
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END COVERS KIT	1
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT	3
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END COVERS KIT	3
212340	CONJ. TOPOS CENTRAL REFORÇADO REINFORCED CENTRAL PROF. END-CAPS KIT	1
210269	GOTEIRA OCULTA C/ VALV. SV-C13 DRIP	3
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) DRIP (OPTIONAL)	6
211121	FERRAGEM MULTIPONTO ANTI-FALSA MANOB. 1000 MULTIPONTO HARDWARE	1
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO LOCKING PLATE	2
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT LOCKING PLATE FIXATION KIT	2
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPONTO HARDWARE SHIM	6
212017	CONJ. FIX. FERRAGEM MULTI-PONTO MULTIPONTO HARDWARE FIXATION KIT	6
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE	1
000000	CONJ. TOPOS JT93 JT 93 END-CAPS KIT	1
212221	CONJ. TAPA TOPOS KE71 RENOVATIO END-CAPS KIT	2
212227	CONJ. JUNTAS ADES. P/ TOPOS PERFIL SOL. KE71 RENOVATIO END-CAPS KIT	1
212223	CONJ. TOPOS INFERIORES RENOVATIO RENOVATIO END-CAPS KIT	1
290158	PARAF PKI PH 1 1/2X10 CQ SCREW	32
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM	4

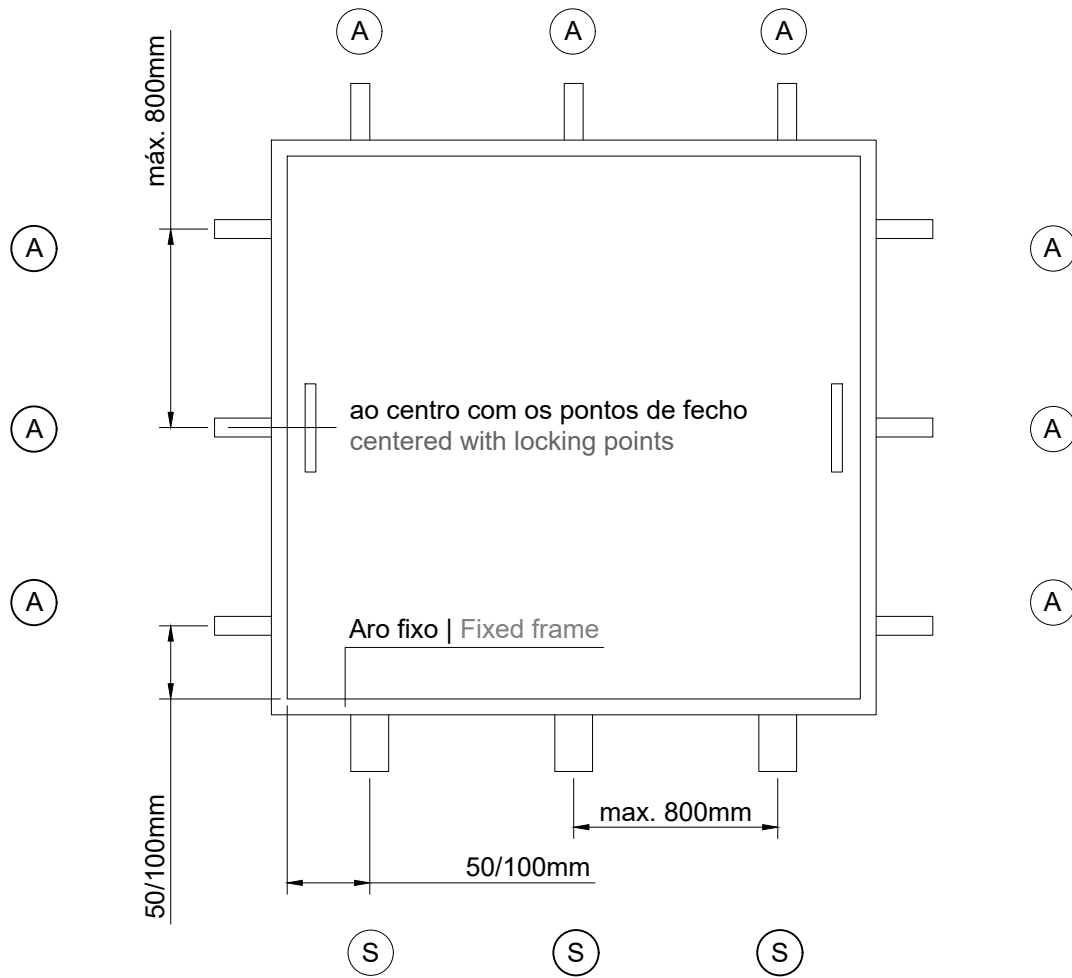
* Usar em folhas com vidros com peso superior a 80kg.
To be used in leaves which glass weight exceed 80kg.



As fórmulas foram concebidas para medidas de vidros e travessas iguais. Para este tipo de tipologia teremos 2 larguras de folha distintas, identificadas como Lf1 e Lf2.
The formulas were designed for glasses and transoms with equal measures. For this type of typology we will have 2 distinct leaf widths, identified as Lf1 and Lf2.



APLICAÇÃO DAS PEÇAS DE FIXAÇÃO
FIXING PARTS APPLICATION



(A)

Ângulo Fixação 120mm ou 140mm
Fixing Angle 120mm or 140mm

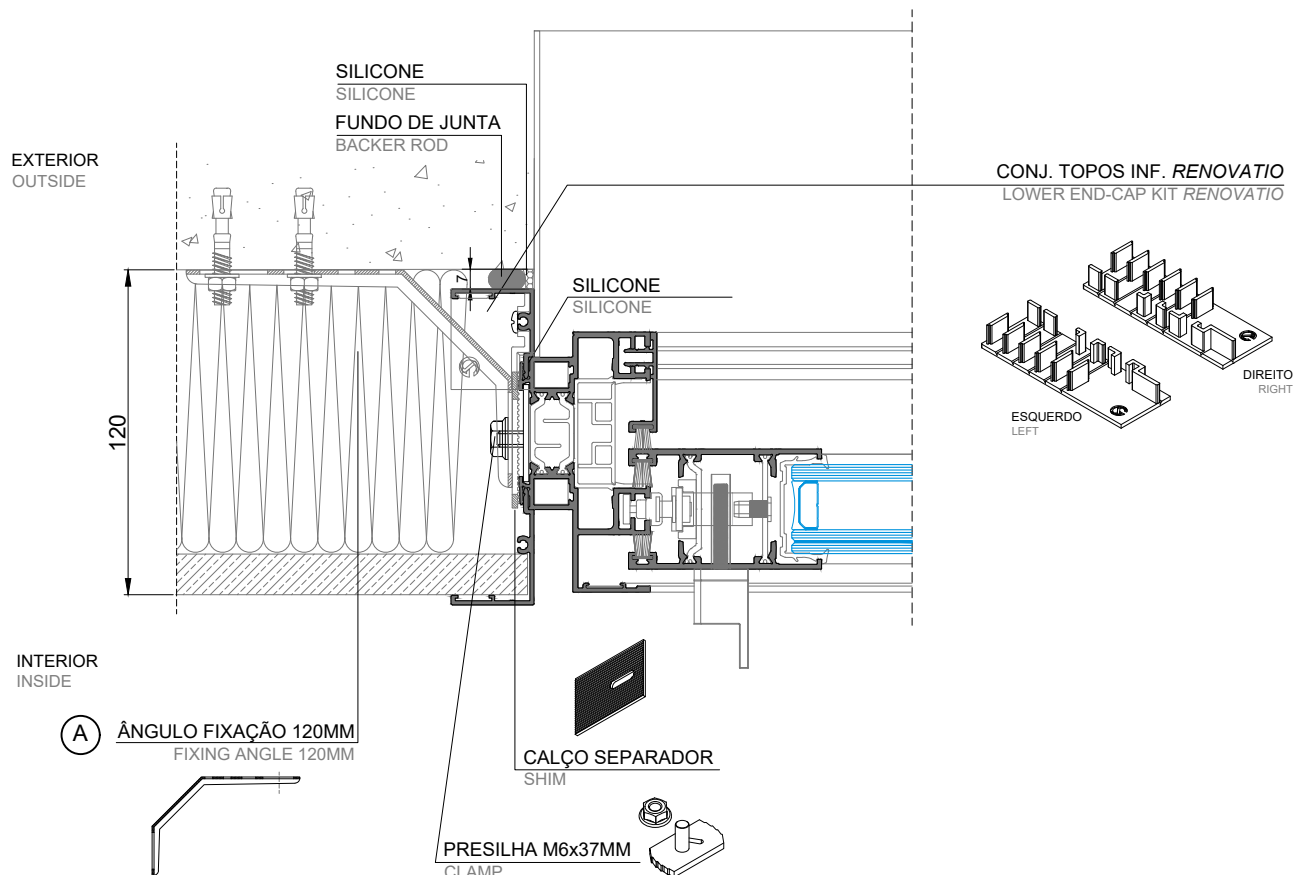
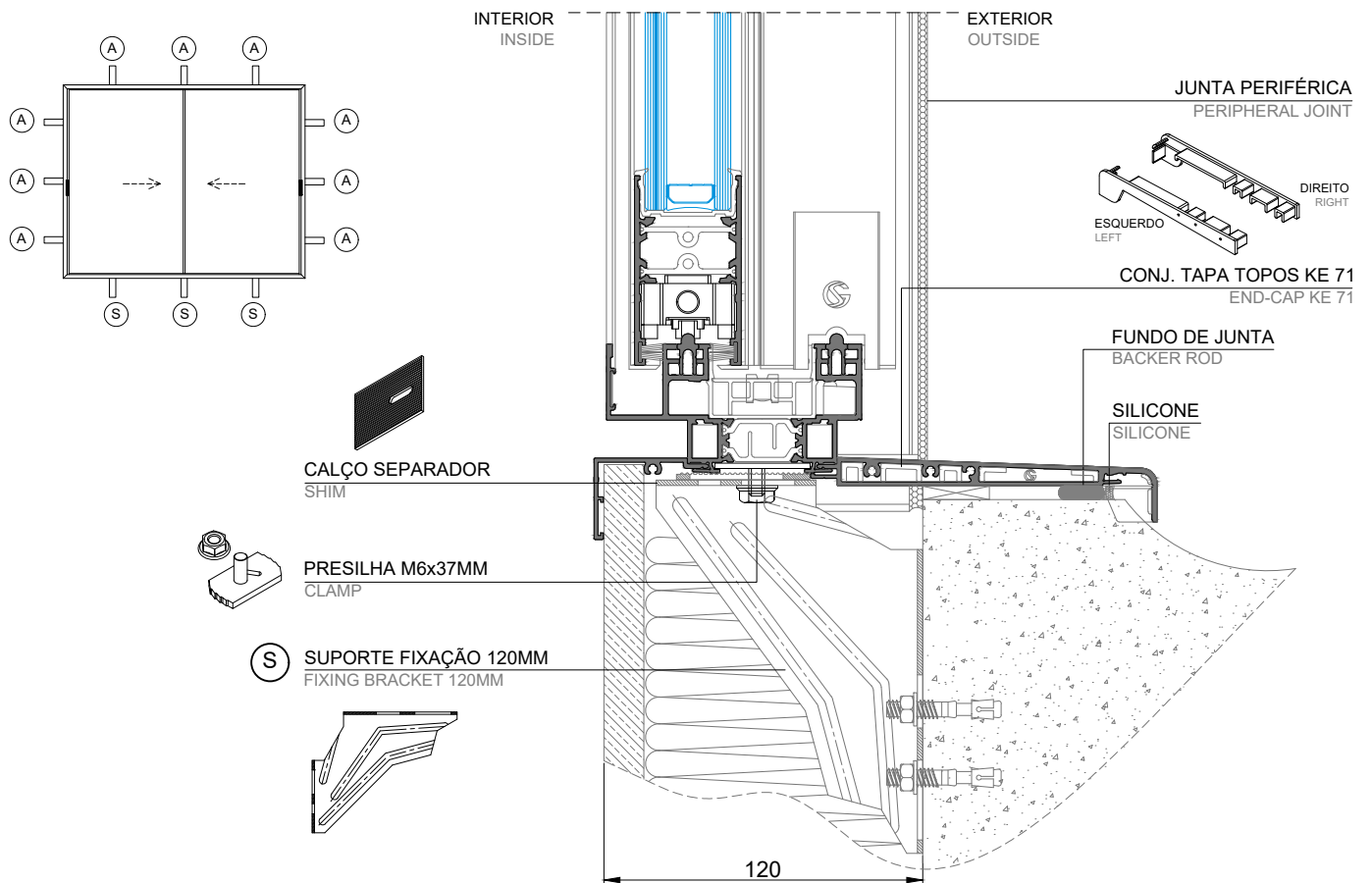


(S)

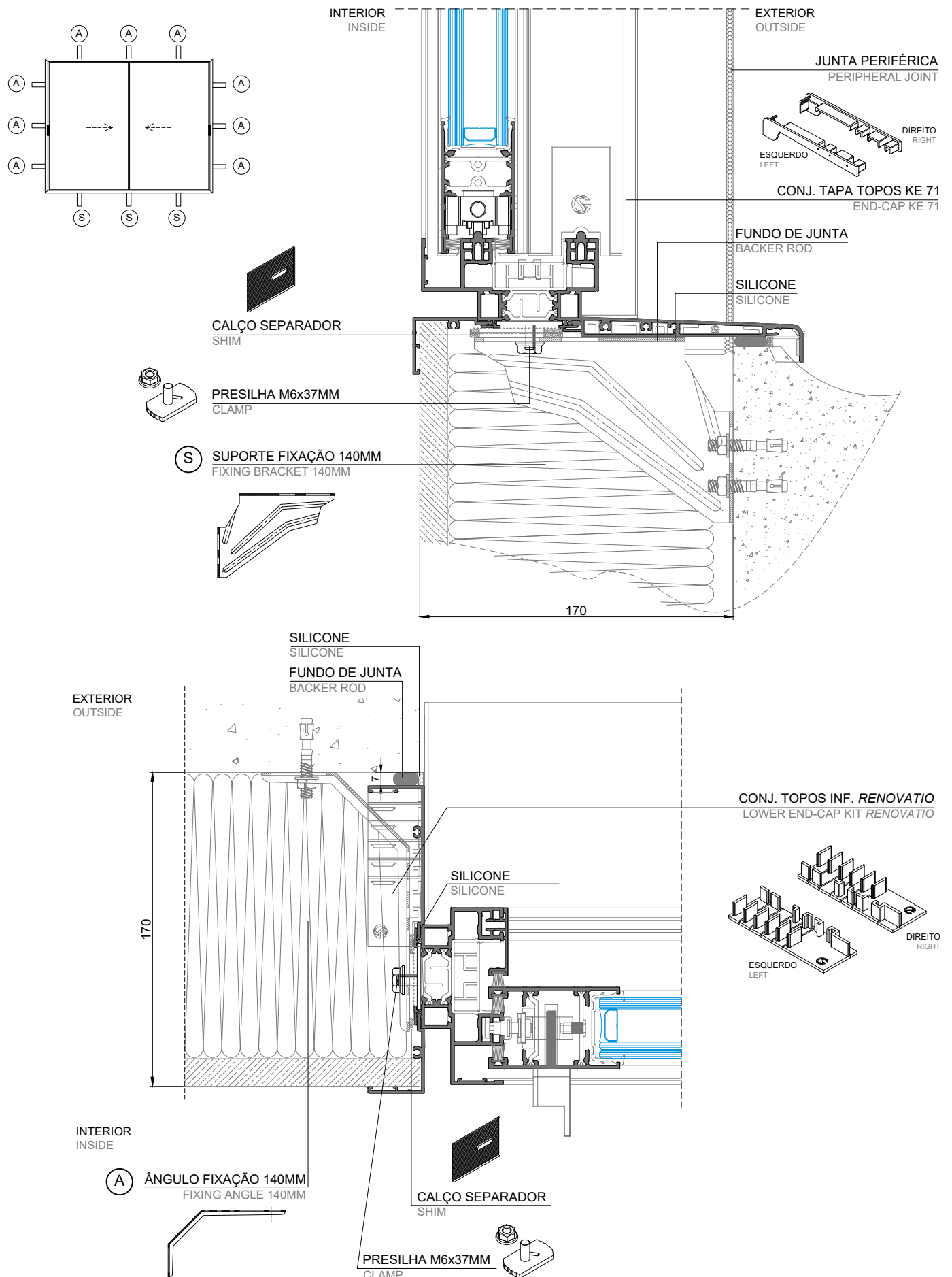
Suporte Fixação 120mm ou 140mm
Fixing bracket 120mm or 140mm

Peso máximo de vidro permitido: 35Kg/m²
Maximum glass weight allowed: 35Kg/m²

APLICAÇÃO DAS PEÇAS DE FIXAÇÃO - PAINEL ISOLANTE DE 120MM
FIXING PARTS APPLICATION - 120MM INSULATION PANEL



APLICAÇÃO DAS PEÇAS DE FIXAÇÃO - PAINEL ISOLANTE DE 170MM
FIXING PARTS APPLICATION - 170MM INSULATION PANEL

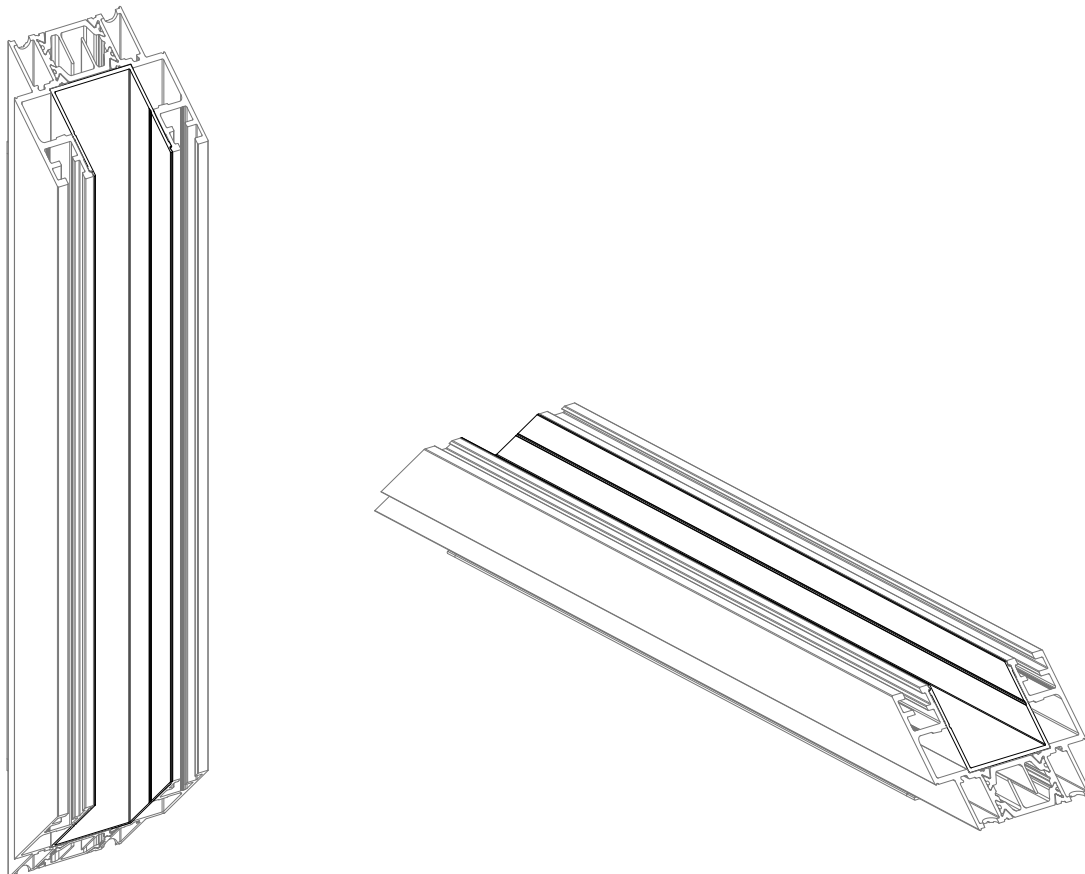


MAQUINAÇÃO DOS PERFIS ARO FIXO
FIXED FRAME PROFILES MACHINING

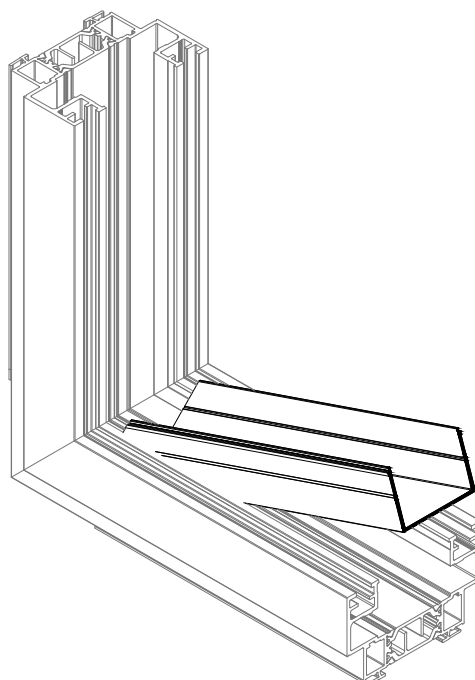
MAQUINAÇÕES DOS PERFIS ARO FIXO
FIXED FRAMES PROFILES MACHINING

1 - Corte dos perfis para os aros fixos e do perfil PVC U.
Fixed frame profiles and U PVC profile cutting.

1.1 - Cortar os perfis para o aro fixo e o perfil PVC U em simultâneo em barras de 6,5m.
Cut the fixed frame profiles and U PVC profile simultaneously in 6,5m bars.



1.2 - Separar o perfil PVC U antes de prosseguir para a realização das operações no aro fixo.
Separate the U PVC profile before proceeding to carry out operations on the fixed frame.



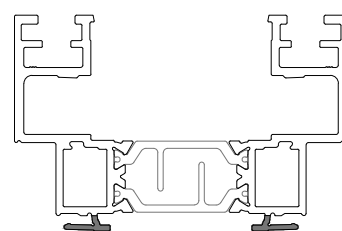
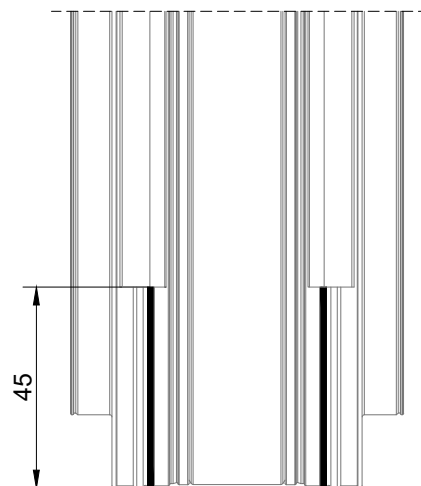
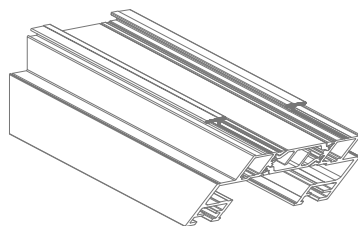
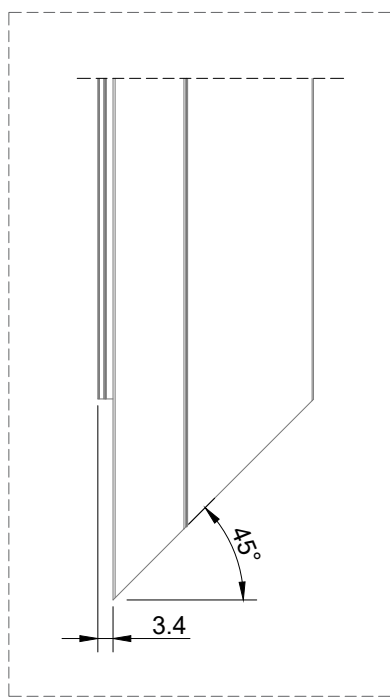
MAQUINAÇÕES DOS PERFIS ARO FIXO
FIXED FRAMES PROFILES MACHINING

2 - Maquinação dos perfis de aro fixo.

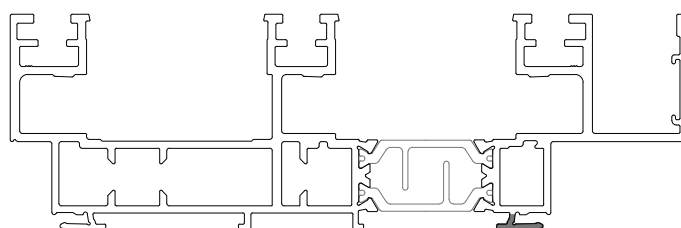
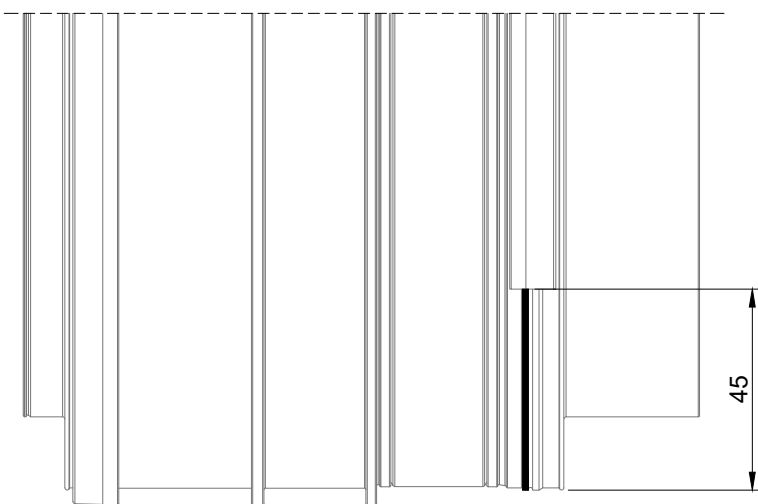
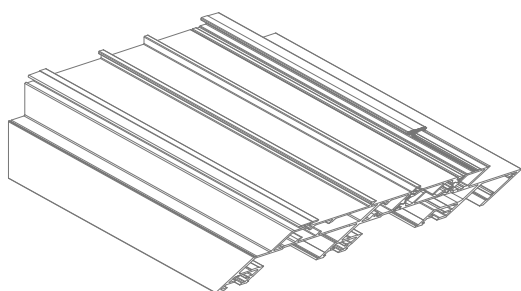
Seguir este procedimento em todos os perfis de aro fixo.

Fixed frame profiles machining.

Follow this procedure in all fixed frame profiles.



JT 01



JT 03

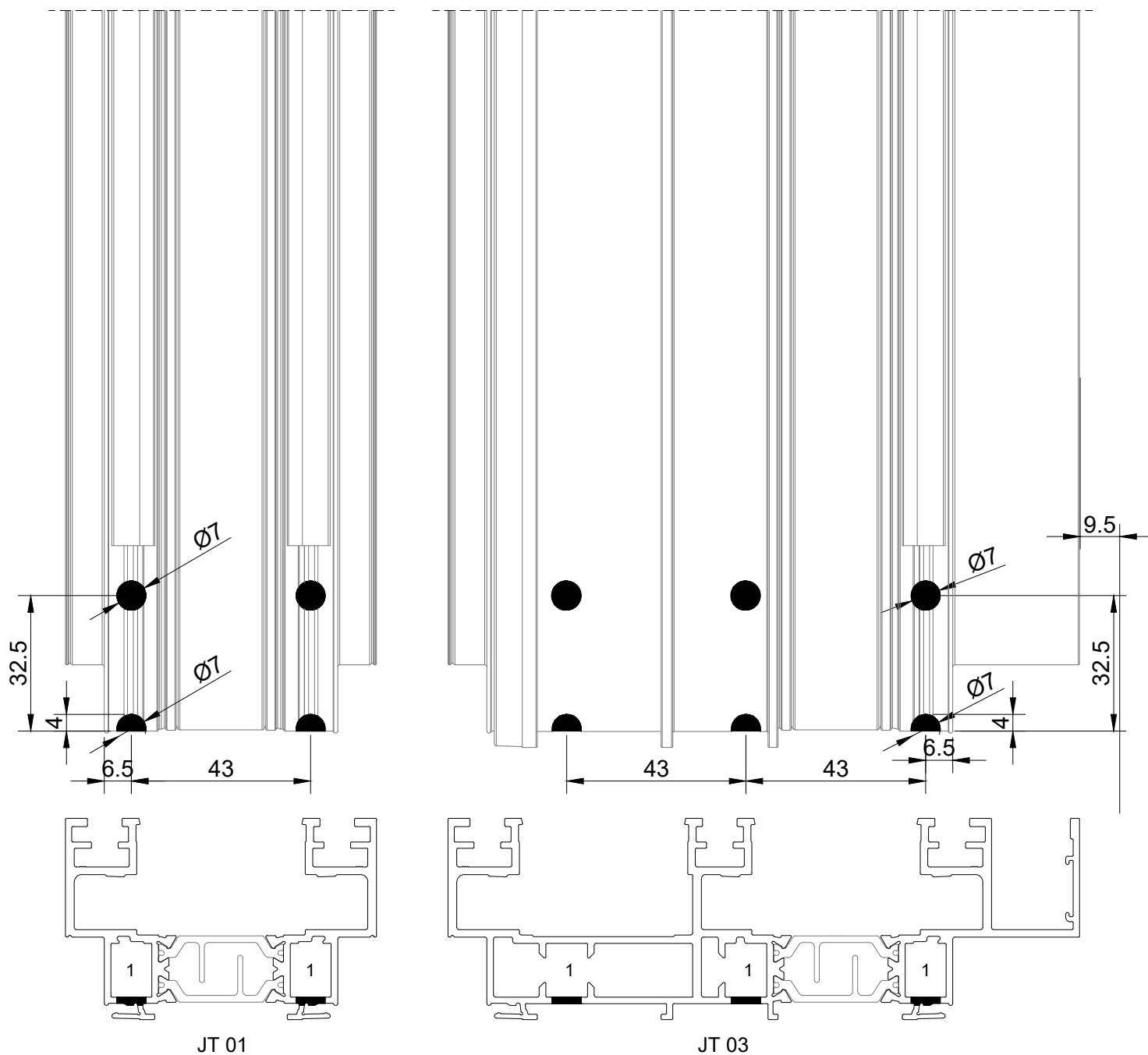
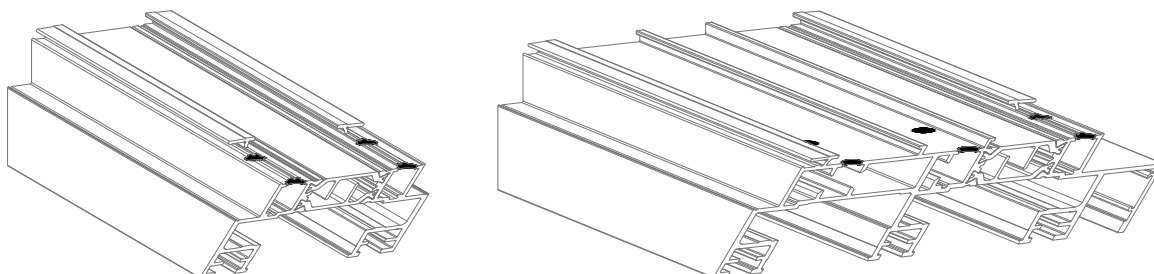
MAQUINAÇÕES DOS PERFIS ARO FIXO
FIXED FRAMES PROFILES MACHINING

3 - Fresagens nos perfis de aro fixo para aplicação dos esquadros.

Seguir este procedimento em todos os perfis de aro fixo.

Fixed frame profiles milling for corner cleat application.

Follow this procedure in all fixed frame profiles.



1 - ESQUADRO | CORNER CLEAT JT 12x9.5

MAQUINAÇÕES DOS PERFIS ARO FIXO
FIXED FRAMES PROFILES MACHINING

4 - Fresagens nos perfis de aro fixo para aplicação do conj. união reta.

Seguir este procedimento em todos os perfis de aro fixo.

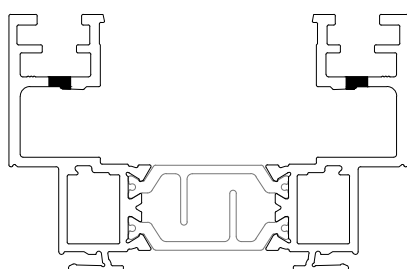
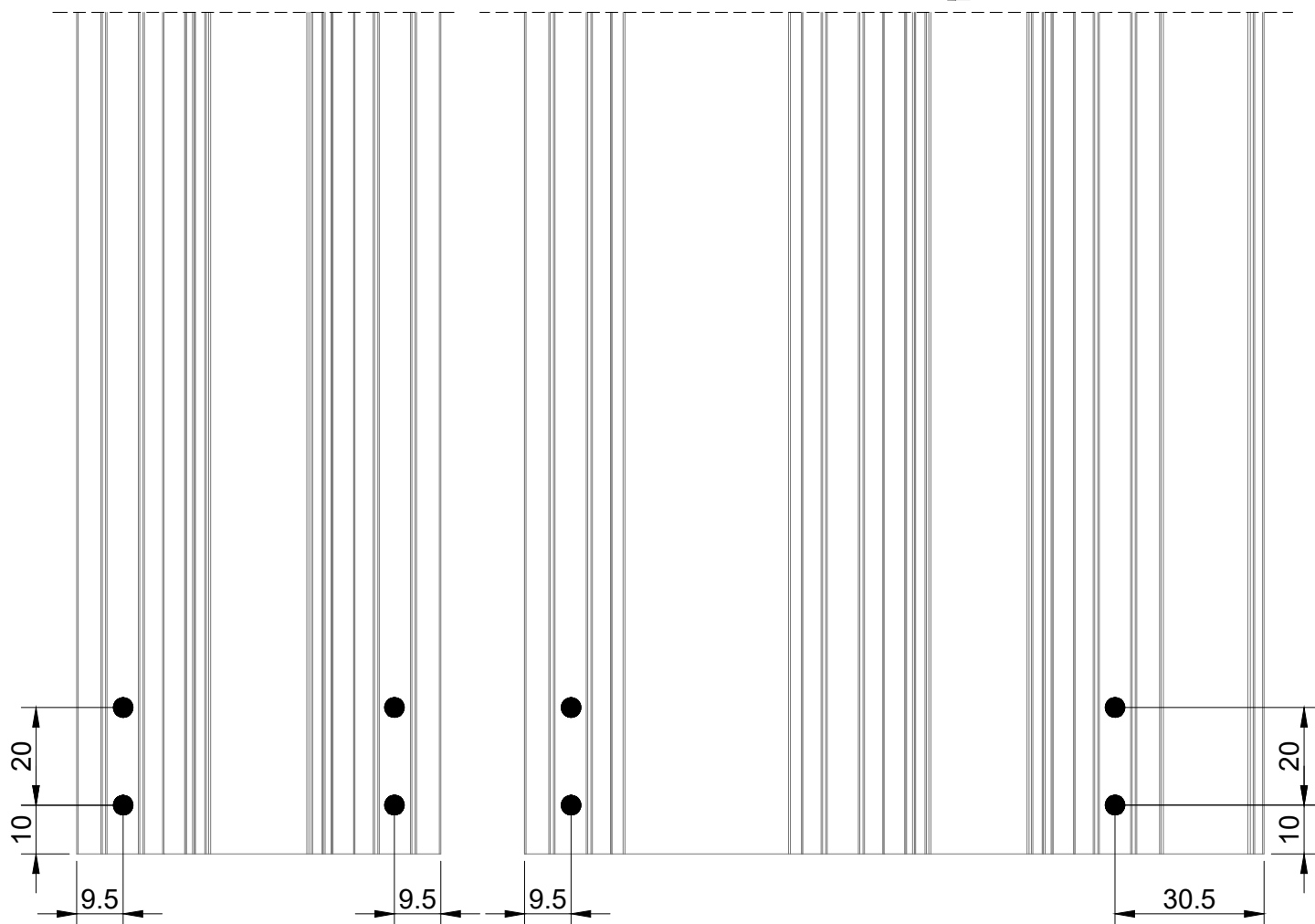
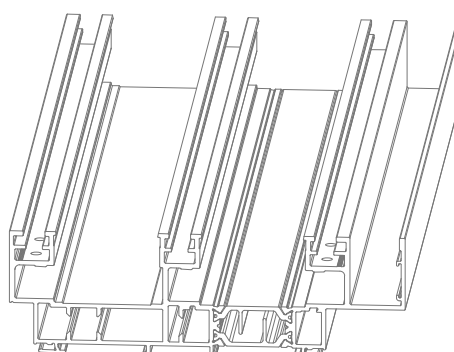
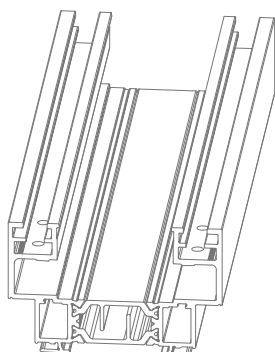
Fixed frame profiles milling for straight union kit application.

Follow this procedure in all fixed frame profiles.

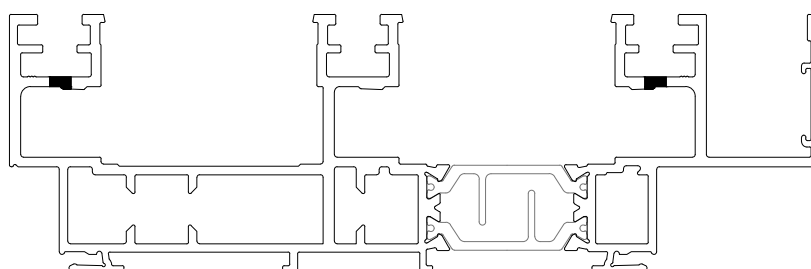
IMPORTANTE | IMPORTANT:

Esta mecanização só deverá ser feita no caso de o vão ter mais de 6,5m.

This mechanization should only be carried out if the frame length is higher than 6,5m.



JT 01



JT 03

MAQUINAÇÕES DOS PERFIS ARO FIXO
FIXED FRAMES PROFILES MACHINING

5 - Fresagens nos perfis de aro fixo para aplicação do conj. união canto 90°.

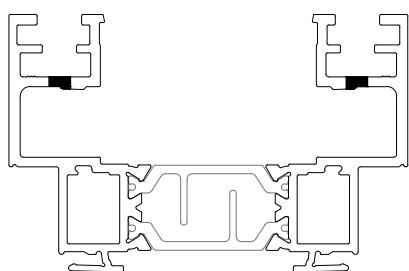
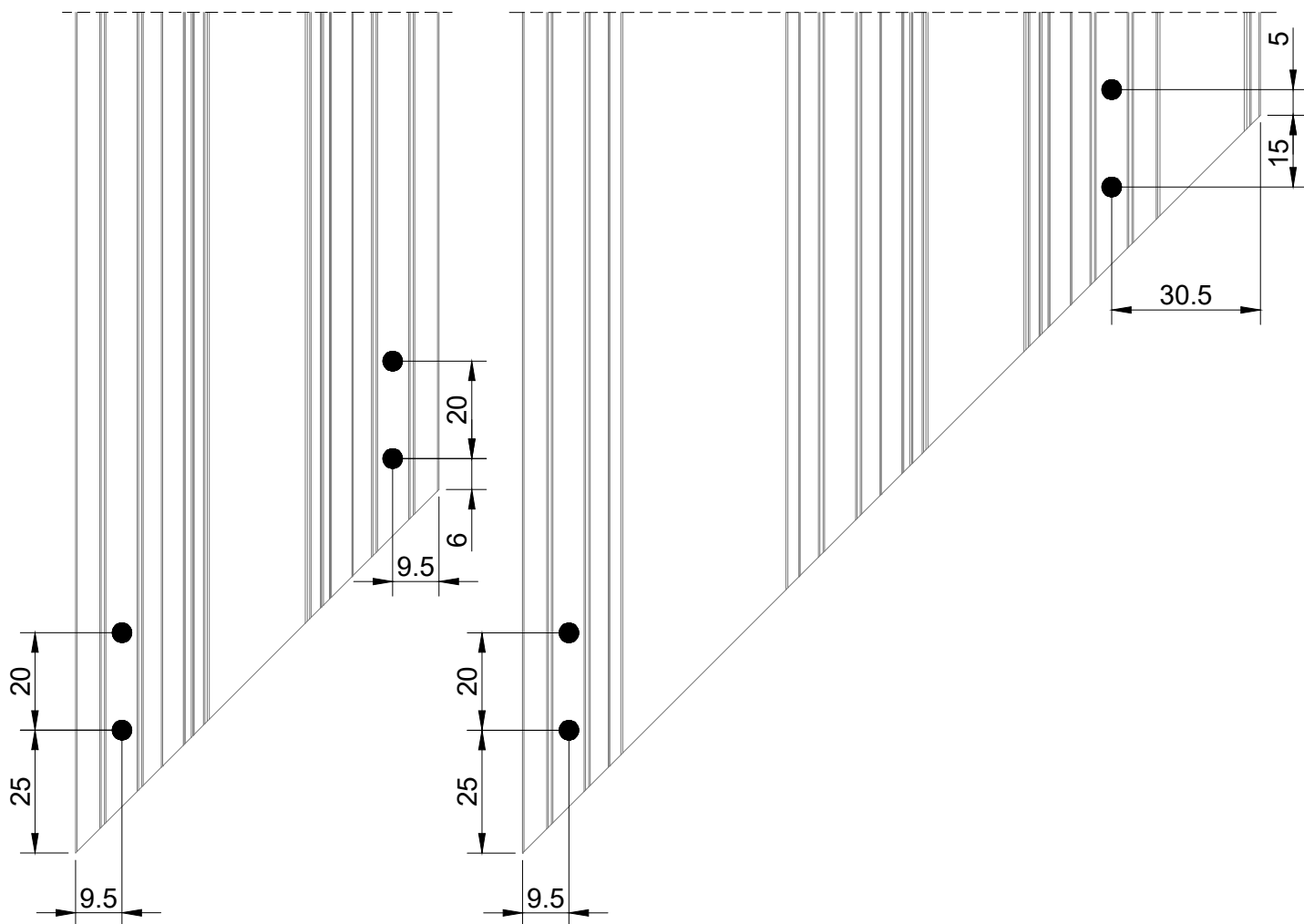
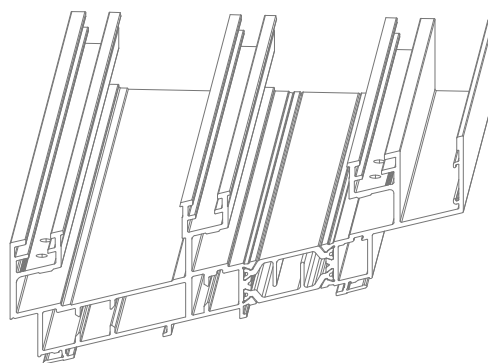
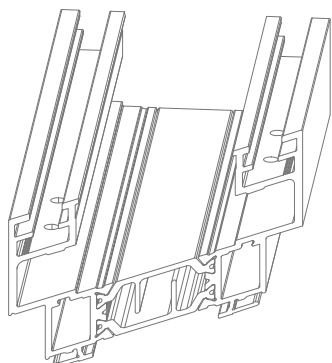
Seguir este procedimento em todos os perfis de aro fixo.

Fixed frame profiles milling for 90° corner union kit application.

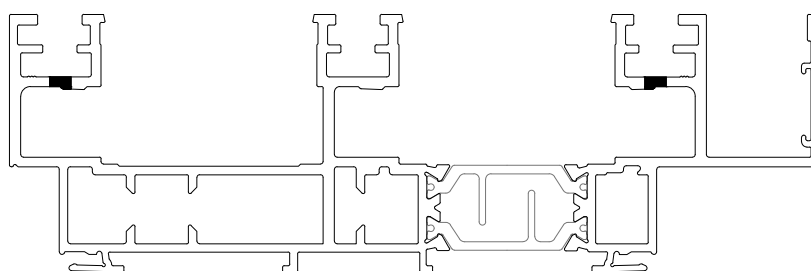
Follow this procedure in all fixed frame profiles.

IMPORTANTE | IMPORTANT:

Esta mecanização só deverá ser feita no caso de o vão ter tipologia de canto 90°. This mechanization should only be carried out if the frame has a 90° corner typology.



JT 01



JT 03

DRENAGENS POR TIPOLOGIA
DRAINAGE BY FRAME TYPOLOGY

DRENAGENS POR TIPOLOGIA

DRAINAGE BY FRAME TYPOLOGY

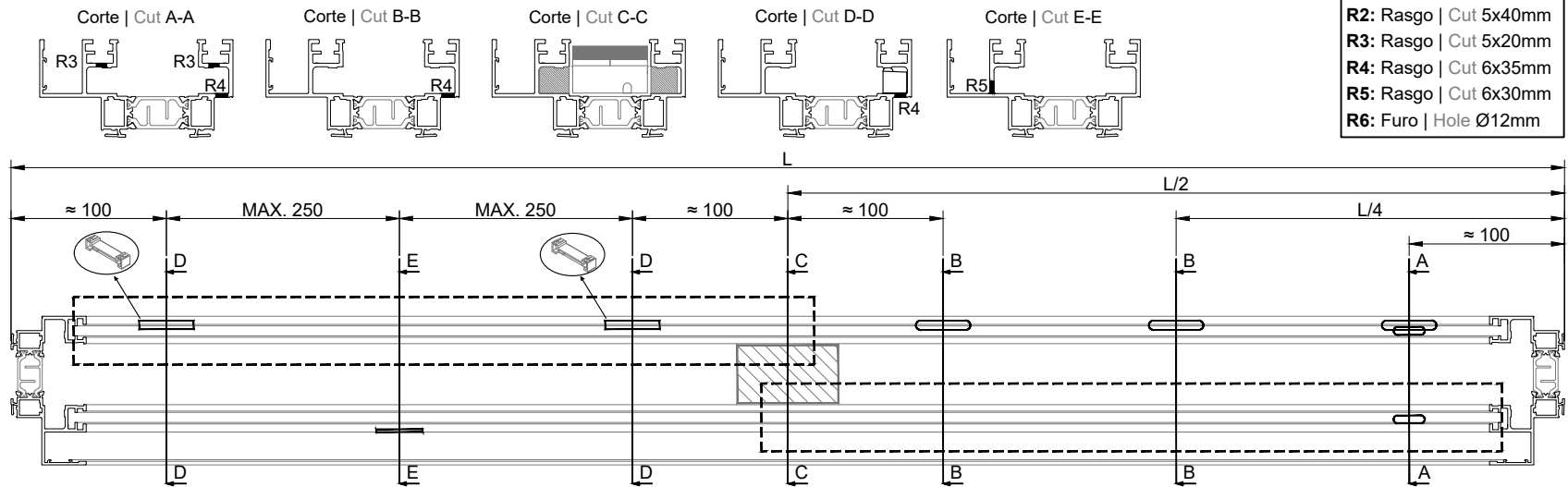
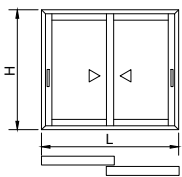
1 - Pormenores de drenagem para os perfis de aro fixo birail e perfis de PVC para tipologias de 2 folhas.

Seguir este procedimento em todos os perfis birail.

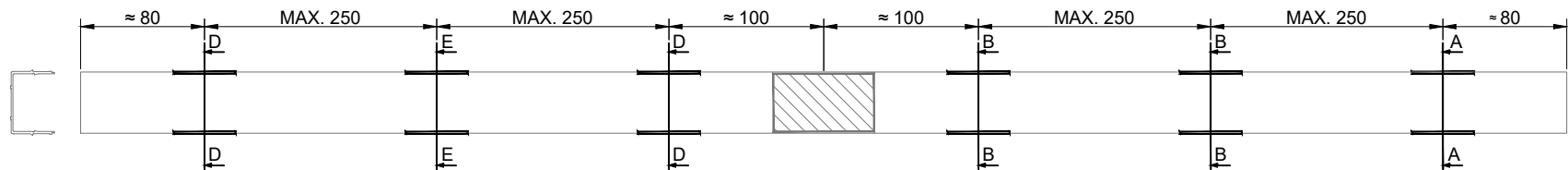
Drainage details of fixed frame and PVC profiles for 2 leaves typology.

Follow this procedure in all 2rail fixed frame profiles.

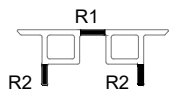
- R1:** Rasgo | Cut 6x30mm
- R2:** Rasgo | Cut 5x40mm
- R3:** Rasgo | Cut 5x20mm
- R4:** Rasgo | Cut 6x35mm
- R5:** Rasgo | Cut 6x30mm
- R6:** Furo | Hole Ø12mm



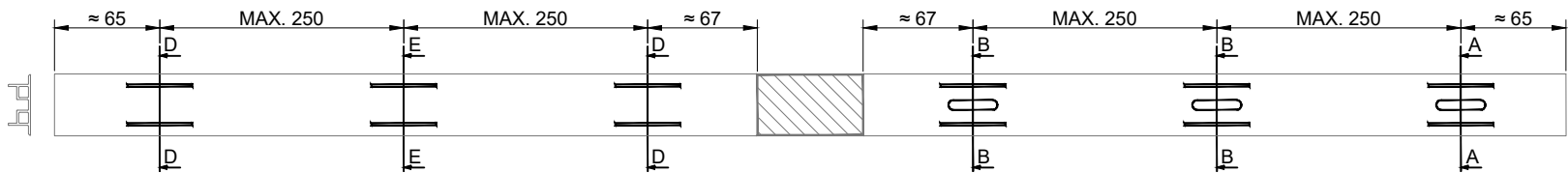
Corte | Cut A-A
Corte | Cut B-B
Corte | Cut D-D
Corte | Cut E-E



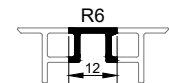
Corte | Cut A-A
Corte | Cut B-B



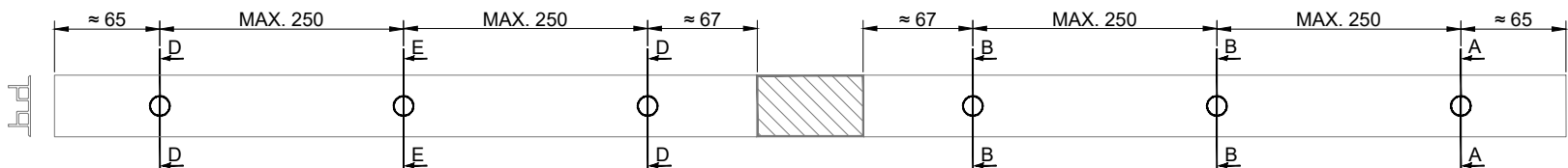
Corte | Cut D-D
Corte | Cut E-E



Corte | Cut A-A
Corte | Cut B-B
Corte | Cut D-D
Corte | Cut E-E



Como alternativa aos rasgos R1 podem ser feitos rasgos R6 para aplicar as válvulas
As an alternative to the R1 cuts R6 cuts could be done in order to apply the valves



DRENAGENS POR TIPOLOGIA

DRAINAGE BY FRAME TYPOLOGY

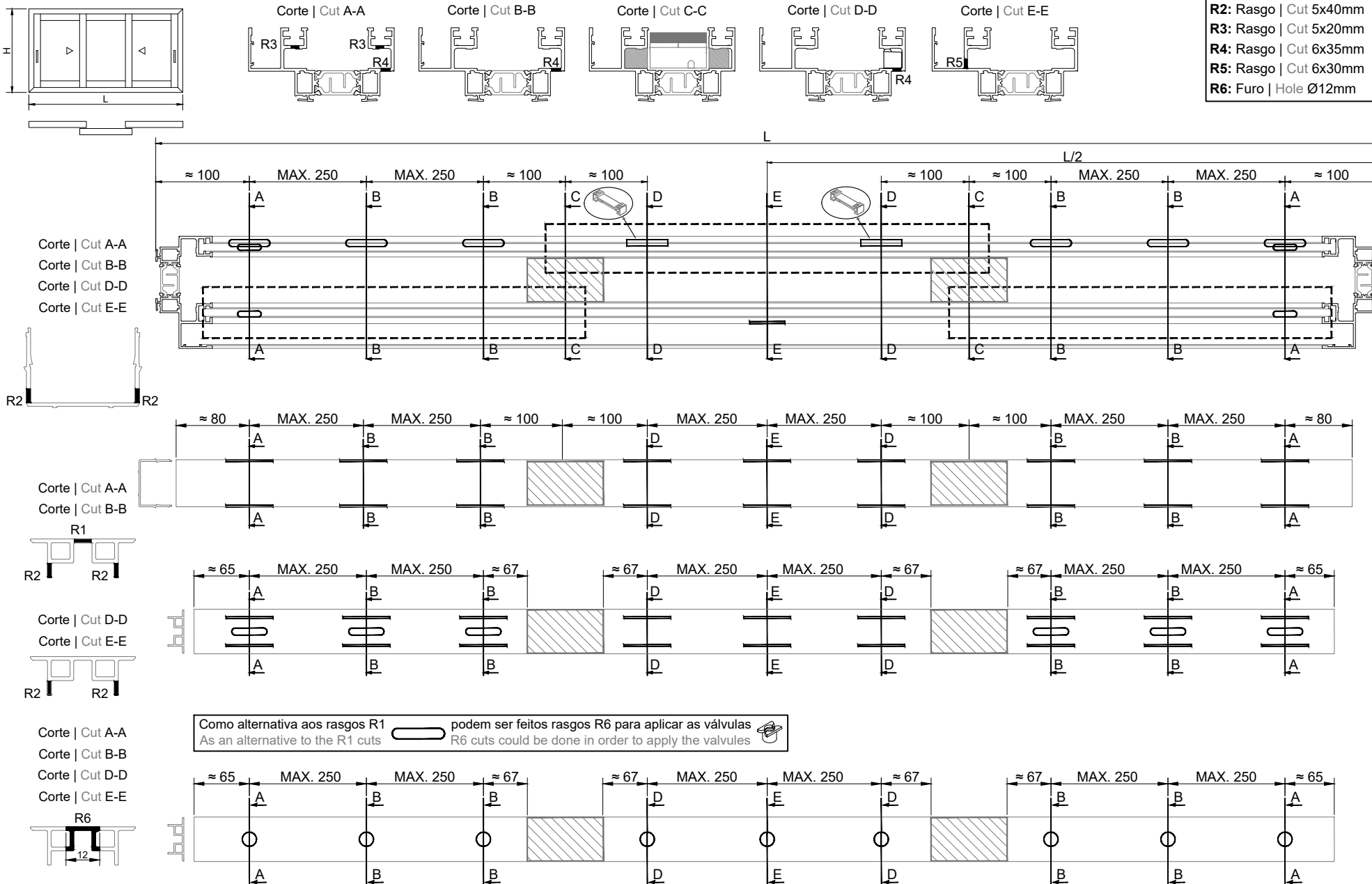
2 - Pormenores de drenagem para os perfis de aro fixo birail e perfis de PVC para tipologias de 3 folhas.

Seguir este procedimento em todos os perfis birail.

Drainage details of fixed frame and PVC profiles for 3 leaves 2rail typology.

Follow this procedure in all 2rail fixed frame profiles.

- R1:** Rasgo | Cut 6x30mm
- R2:** Rasgo | Cut 5x40mm
- R3:** Rasgo | Cut 5x20mm
- R4:** Rasgo | Cut 6x35mm
- R5:** Rasgo | Cut 6x30mm
- R6:** Furo | Hole Ø12mm



DRENAGENS POR TIPOLOGIA

DRAINAGE BY FRAME TYPOLOGY

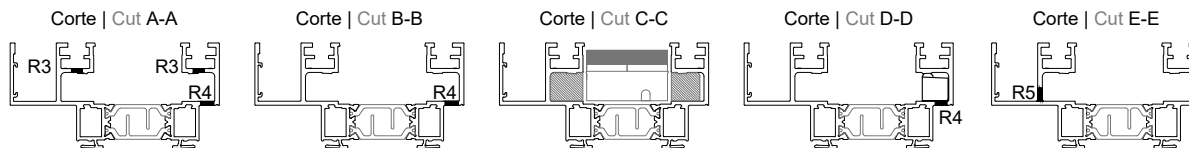
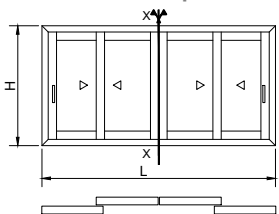
3 - Pormenores de drenagem para os perfis de aro fixo birail e perfis de PVC para tipologias de 4 folhas.

Seguir este procedimento em todos os perfis birail.

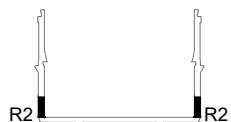
Drainage details of fixed frame and PVC profiles for 4 leaves 2rail typology.

Follow this procedure in all 2rail fixed frame profiles.

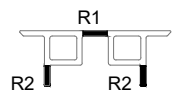
- R1: Rasgo | Cut 6x30mm
- R2: Rasgo | Cut 5x40mm
- R3: Rasgo | Cut 5x20mm
- R4: Rasgo | Cut 6x35mm
- R5: Rasgo | Cut 6x30mm
- R6: Furo | Hole Ø12mm



Corte | Cut A-A
Corte | Cut B-B
Corte | Cut D-D
Corte | Cut E-E



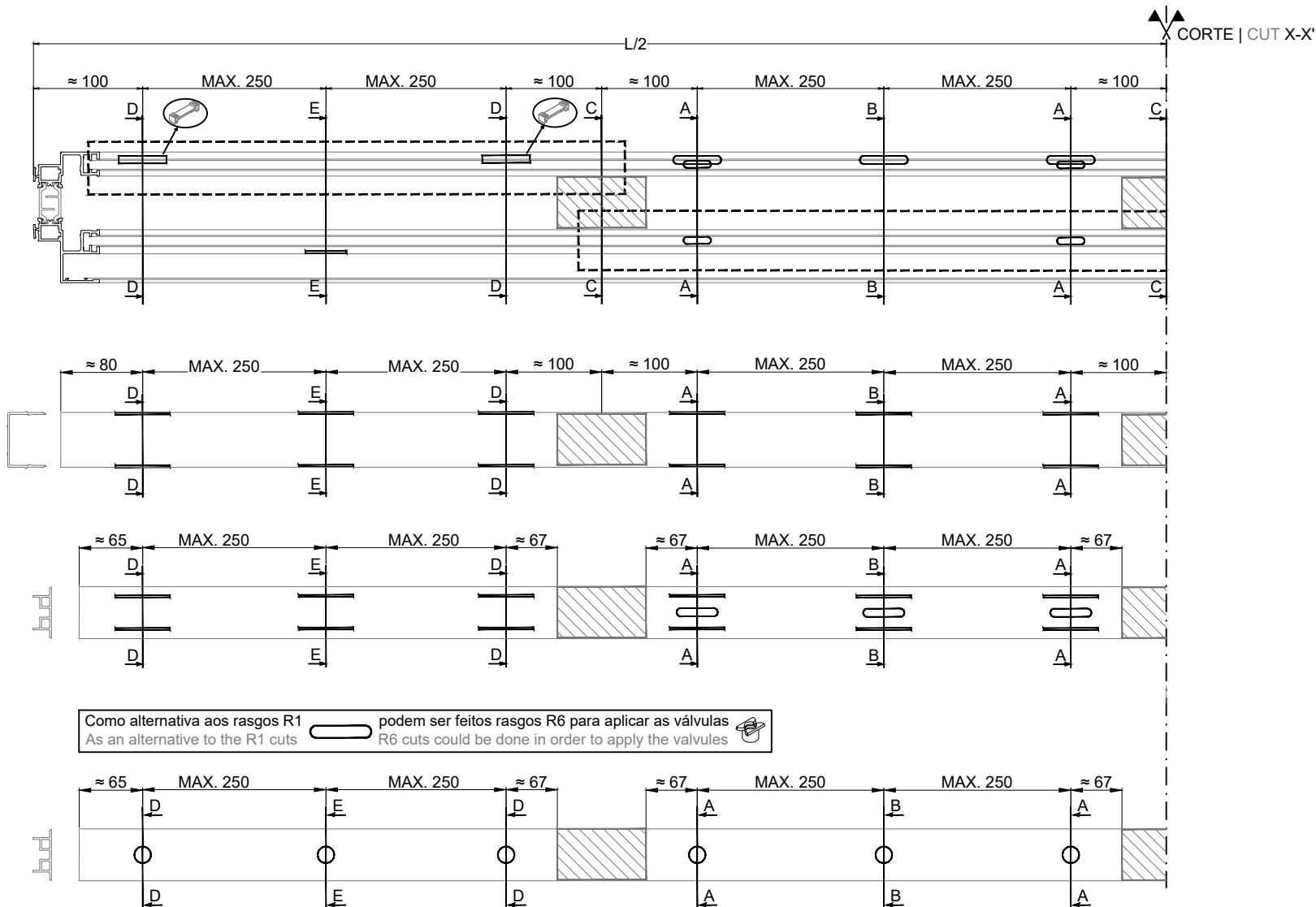
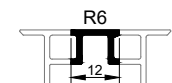
Corte | Cut A-A
Corte | Cut B-B



Corte | Cut D-D
Corte | Cut E-E



Corte | Cut A-A
Corte | Cut B-B
Corte | Cut D-D
Corte | Cut E-E



DRENAGENS POR TIPOLOGIA

DRAINAGE BY FRAME TYPOLOGY

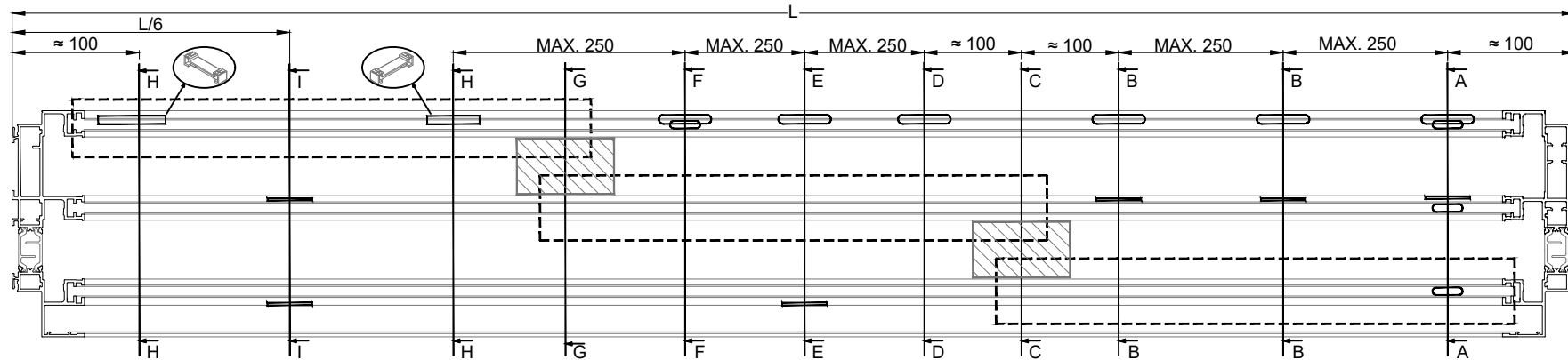
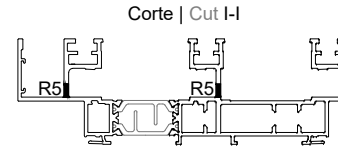
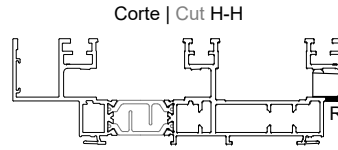
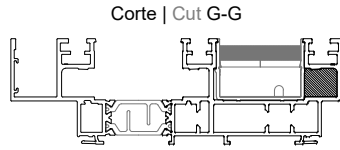
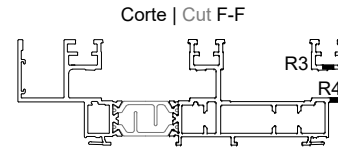
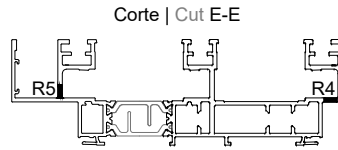
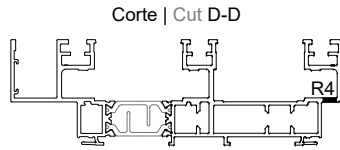
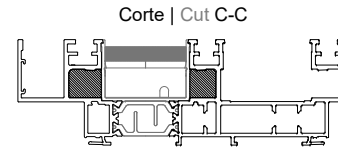
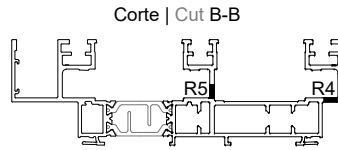
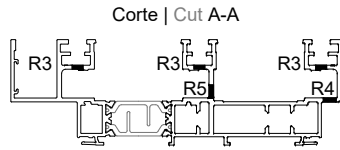
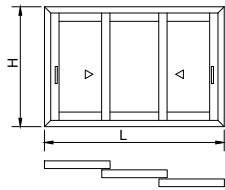
4 - Pormenores de drenagem para os perfis de aro fixo trirail e perfis de PVC para tipologias de 3 folhas.

Seguir este procedimento em todos os perfis trirail.

Drainage details of fixed frame and PVC profiles for 3 leaves 3rail typology.

Follow this procedure in all 3rail fixed frame profiles.

- R1: Rasgo | Cut 6x30mm
- R2: Rasgo | Cut 5x40mm
- R3: Rasgo | Cut 5x20mm
- R4: Rasgo | Cut 6x35mm
- R5: Rasgo | Cut 6x30mm
- R6: Furo | Hole Ø12mm



DRENAGENS POR TIPOLOGIA

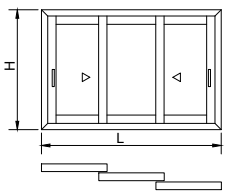
DRAINAGE BY FRAME TYPOLOGY

4 - Pormenores de drenagem para os perfis de aro fixo trirail e perfis de PVC para tipologias de 3 folhas.

Seguir este procedimento em todos os perfis trirail.

Drainage details of fixed frame and PVC profiles for 3 leaves 3rail typology.

Follow this procedure in all 3rail fixed frame profiles.



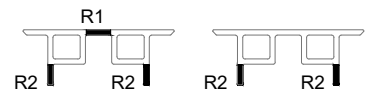
Corte | Cut A-A
Corte | Cut B-B
Corte | Cut D-D

Corte | Cut F-F
Corte | Cut I-I
Corte | Cut H-H

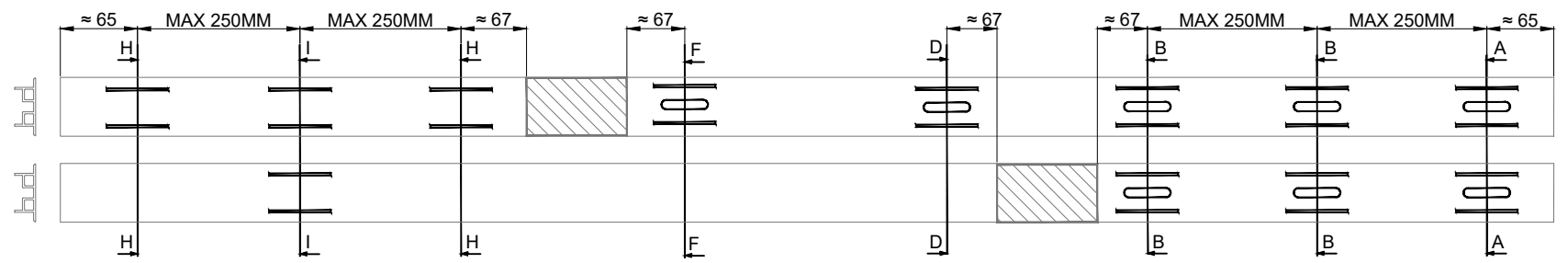
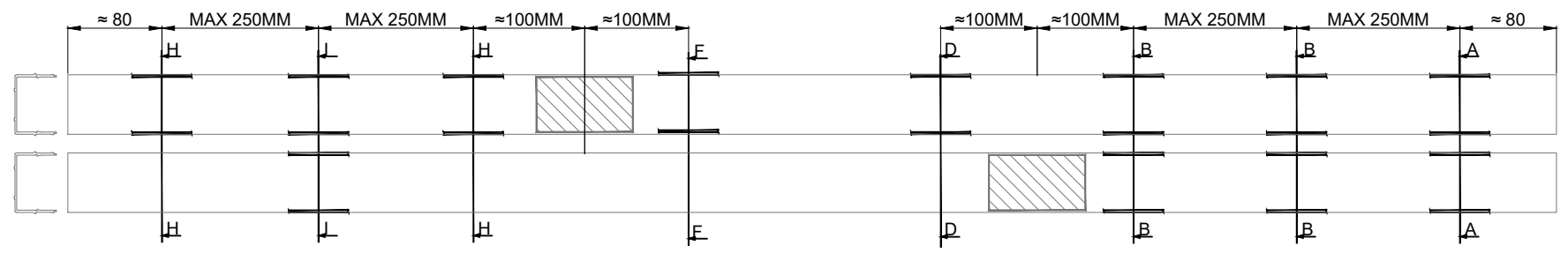


Corte | Cut A-A
Corte | Cut B-B
Corte | Cut D-D
Corte | Cut F-F

Corte | Cut H-H
Corte | Cut I-I

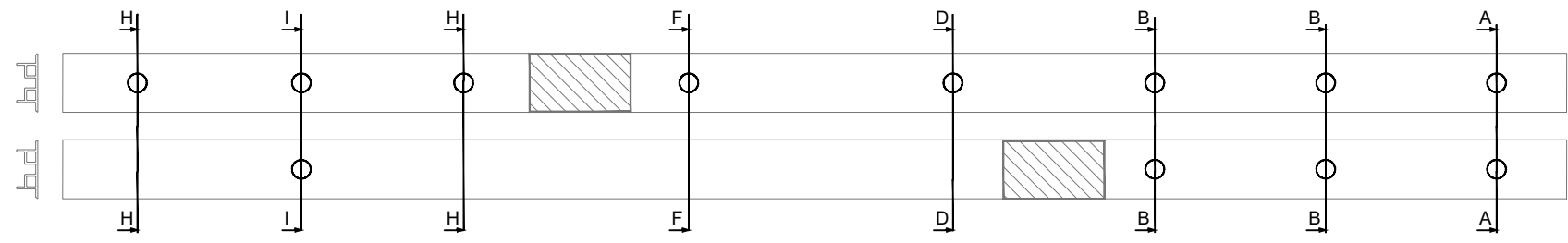
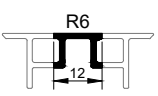


- R1:** Rasgo | Cut 6x30mm
- R2:** Rasgo | Cut 5x40mm
- R3:** Rasgo | Cut 5x20mm
- R4:** Rasgo | Cut 6x35mm
- R5:** Rasgo | Cut 6x30mm
- R6:** Furo | Hole Ø12mm



Como alternativa aos rasgos R1 podem ser feitos rasgos R6 para aplicar as válvulas
As an alternative to the R1 cuts R6 cuts could be done in order to apply the valves

Corte | Cut A-A
Corte | Cut B-B
Corte | Cut D-D
Corte | Cut F-F
Corte | Cut H-H
Corte | Cut I-I



MONTAGEM DE AROS FIXOS
FIXED FRAME ASSEMBLY

MONTAGEM DE AROS FIXOS FIXED FRAMES ASSEMBLY

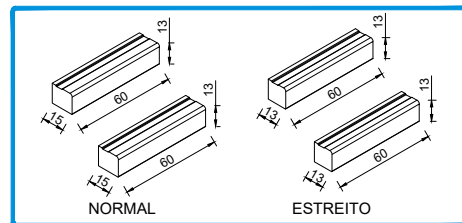
1 - Colocação do conjunto de estanqueidade para corta-vento nos aros fixos.
Central gasket waterproof kit placing in fixed frames.

1.1 - Colocar o conjunto de estanqueidade no cruzamento das folhas onde posteriormente levará o perfil PVC U e os corta-ventos.

Seguir este procedimento em todos os perfis de aro fixo.

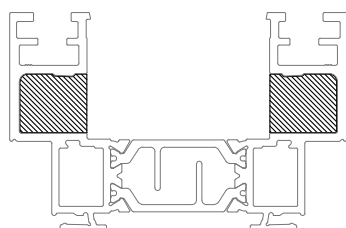
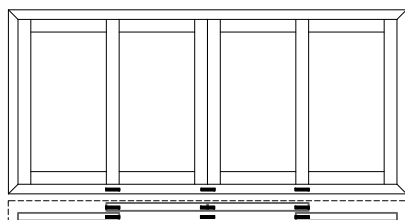
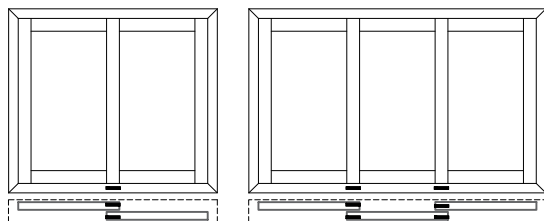
Place the central insulation gasket waterproof kit at the intersection of the leaves where later the U PVC profile and the central gasket will be.

Follow this procedure in all fixed frame profiles.

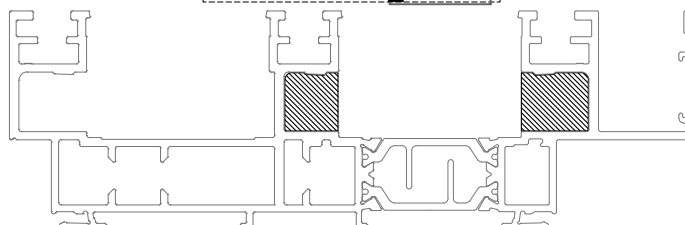
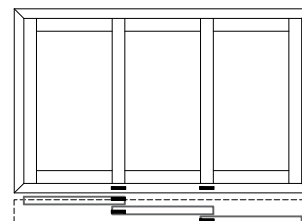


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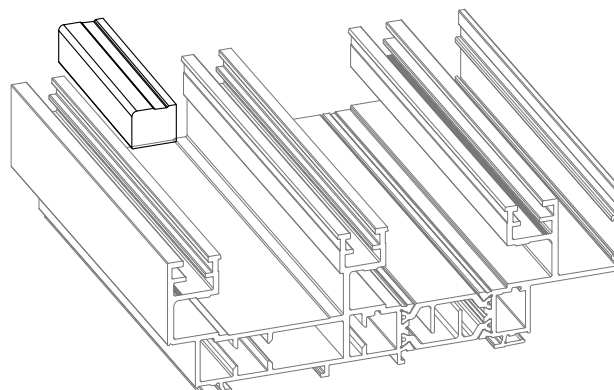
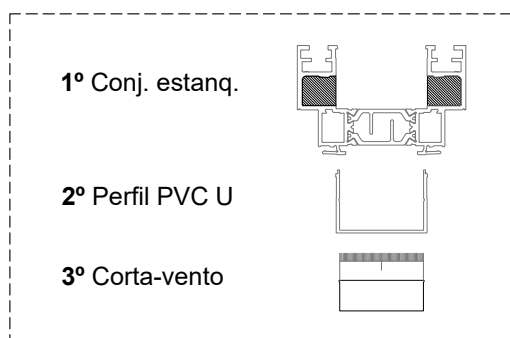
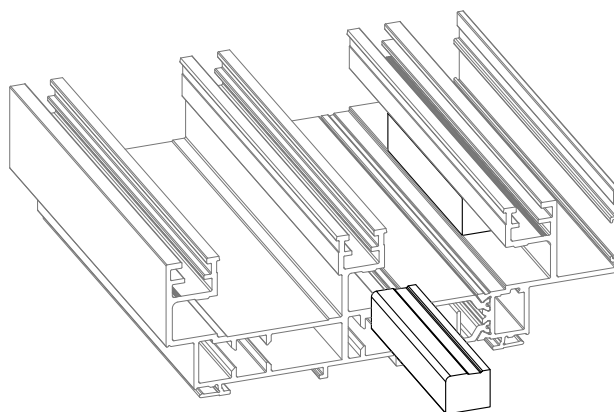
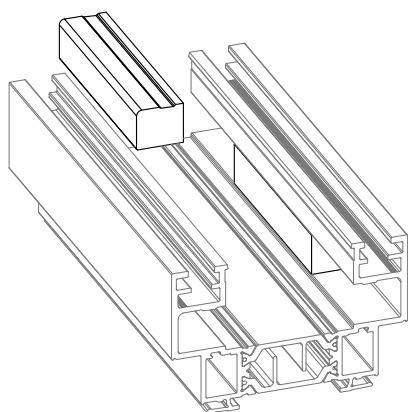
CONJ. ESTANQUICIDADE CORTA-VENTO JT
CONJ. ESTANQUICIDADE ESTREITO CORTA-VENTO JT



JT 01



JT 03

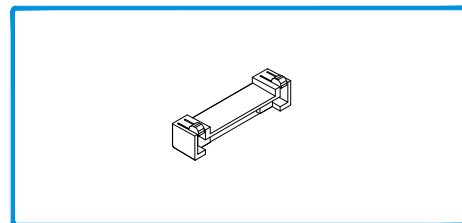


MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

2 - Colocação das goteiras ocultas nos aros fixos.
Hidden drips placing in fixed frames.

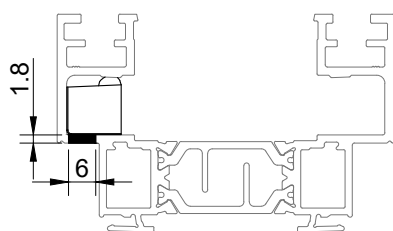
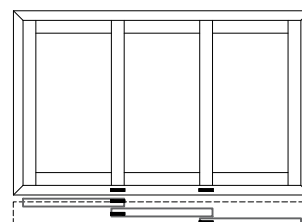
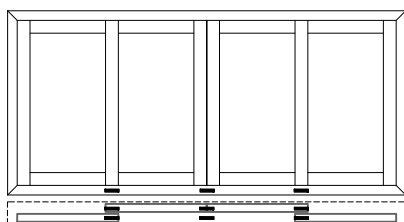
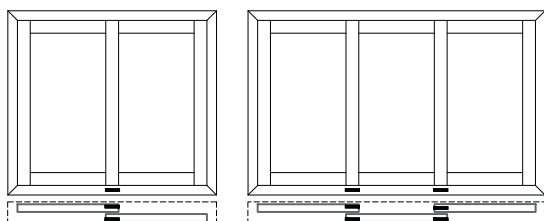
2.1 - Colocar as goteiras ocultas antes do perfil PVC U e fixá-las com pontos de silicone nas extremidades. **Seguir este procedimento em todos os perfis de aro fixo.**

Place the hidden drips before the U PVC profile and fix them with silicone points at the edges. **Follow this procedure in all fixed frame profiles.**

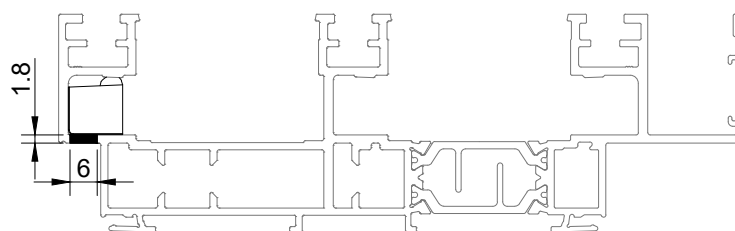


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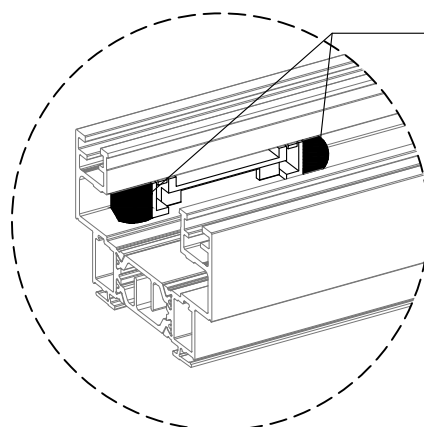
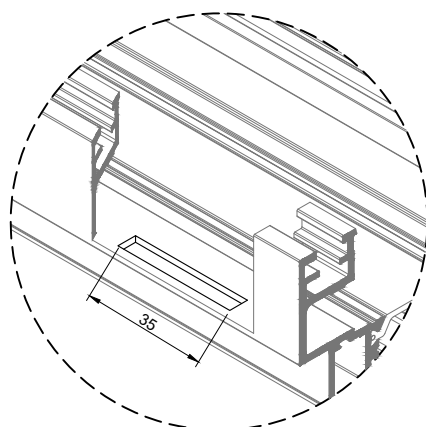
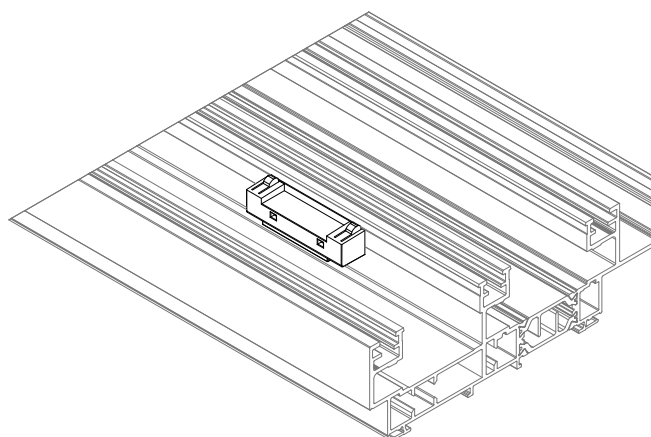
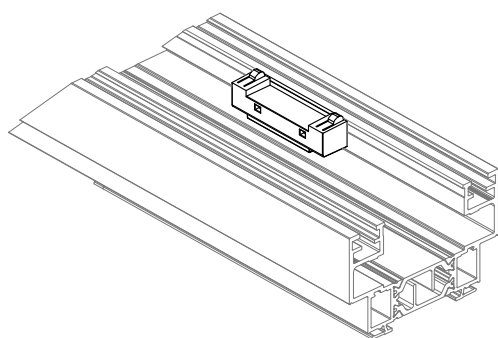
GOTEIRA OCULTA C/ VÁLV. SV-C13



JT 01



JT 03



SILICONE NEUTRO
NEUTRAL SILICONE



MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

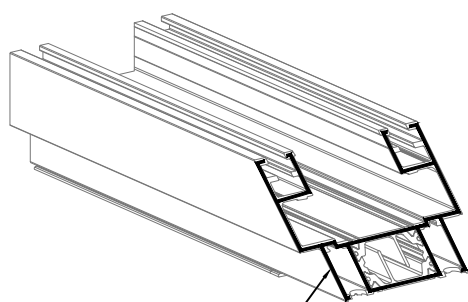
3 - Aplicação de silicone nos aros fixos.
Silicone applying in fixed frames.

3.1 - Aplicar silicone à cor do perfil ou silicone neutro na zona das esquadrias.
Seguir este procedimento em todos os perfis de aro fixo.

Apply silicone in the same color as the profiles or neutral silicone in the frame's areas. **Follow this procedure in all fixed frame profiles.**



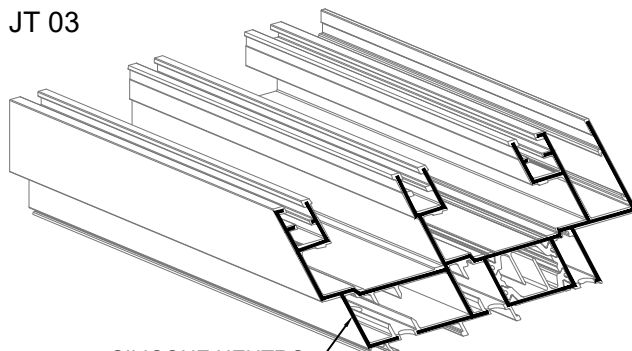
JT 01



SILICONE NEUTRO
NEUTRAL SILICONE



JT 03



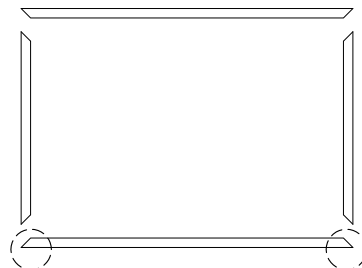
SILICONE NEUTRO
NEUTRAL SILICONE



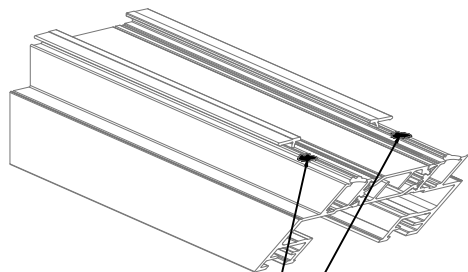
3.2 - Antes de se colocarem os esquadros de aperto, deverão encher-se as câmaras dos perfis fixos com silicone neutro, de modo a ficarem seladas.
Seguir este procedimento em todos os perfis de aro fixo, apenas na zona inferior do caixilho.

Before placing the corner cleats, the fixed frame profiles chambers must be filled with neutral silicone, in order to be sealed.

Follow this procedure in all the fixed frame profiles, only in the lower zone of the frame.



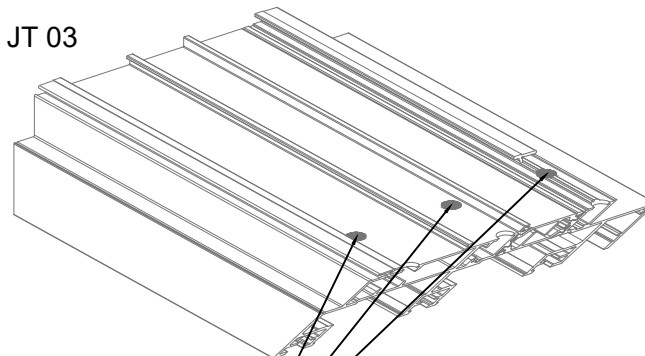
JT 01



SILICONE NEUTRO
NEUTRAL SILICONE



JT 03



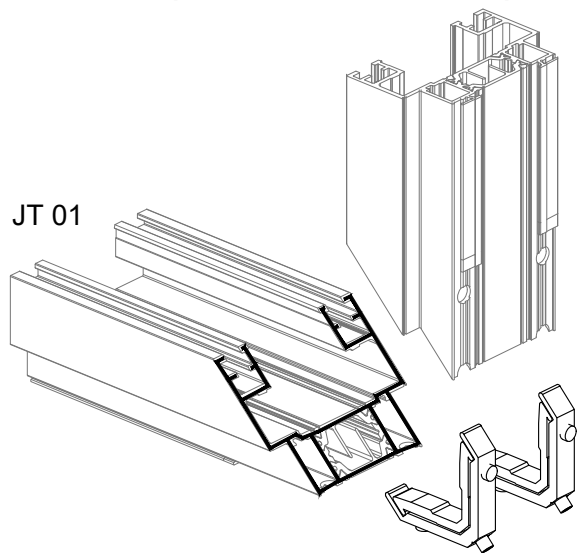
SILICONE NEUTRO
NEUTRAL SILICONE



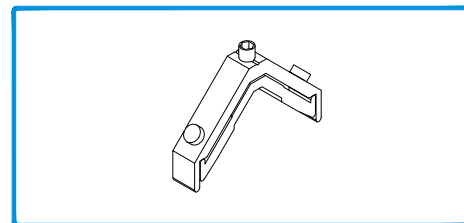
MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

4 - Aplicação dos esquadros de aperto nos aros fixos.
Corner cleats applying in fixed frames.

4.1 - Colocar os esquadros de aperto e os cantos de alinhamento.
Seguir este procedimento em todos os perfis de aro fixo.
Placing the corner cleats and the alignment corners.
Follow this procedure in all fixed frame profiles.

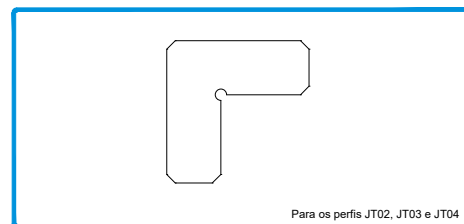


ESQ. | CORNER CLEAT 12x9,5



204164

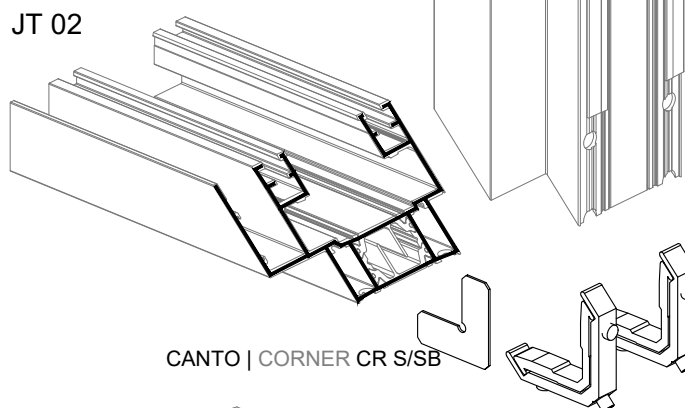
ESQUADRO JT 12x9,5



213246

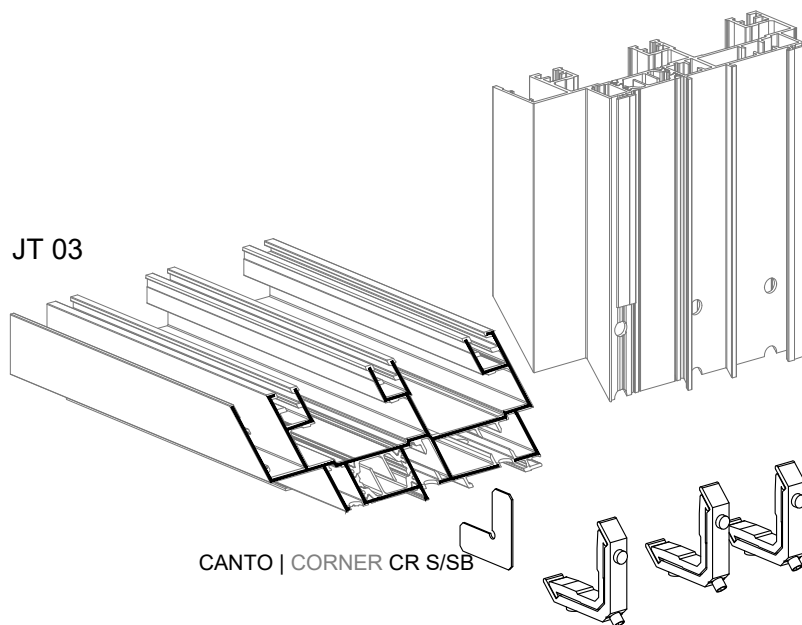
Para os perfis JT02, JT03 e JT04

CANTO CR S/SB



CANTO | CORNER CR S/SB

ESQ. | CORNER CLEAT 12x9,5



CANTO | CORNER CR S/SB

ESQ. | CORNER CLEAT 12x9,5

MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

5 - Aperto e afinação dos aros fixos.

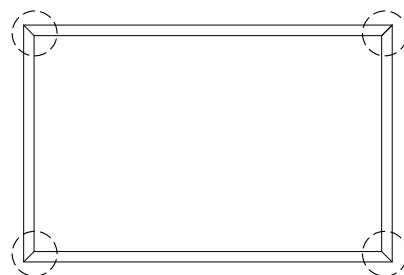
Tightening and adjusting of the fixed frames.

5.1 - Preencher com silicone neutro todas as zonas de aperto dos esquadros.

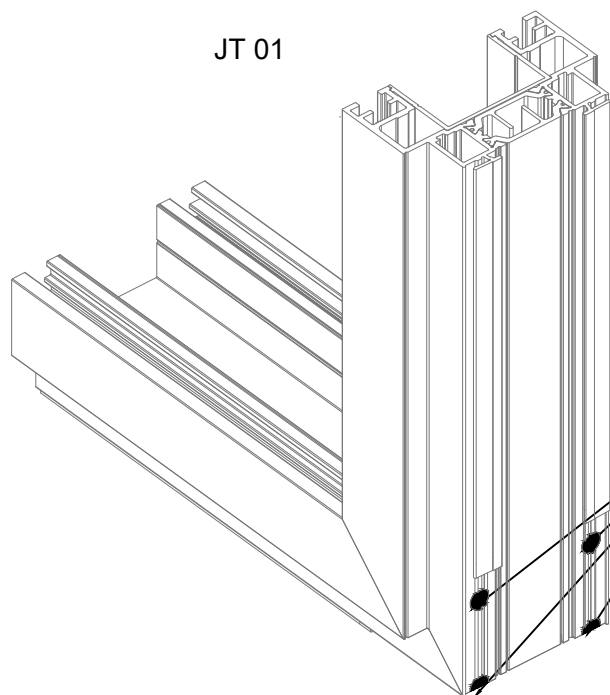
Seguir este procedimento em todos os perfis de aro fixo.

Fill with neutral silicone all the tightening areas of the corner cleats.

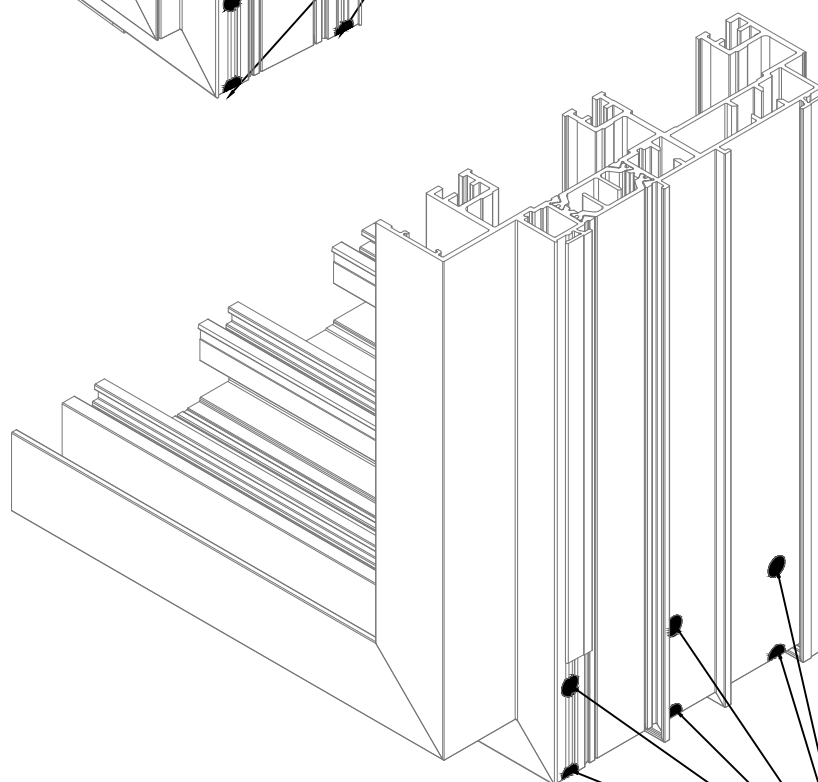
Follow this procedure in all fixed frame profiles.



JT 01



SILICONE NEUTRO
NEUTRAL SILICONE



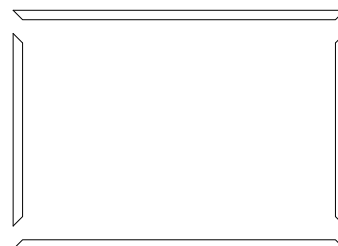
SILICONE NEUTRO
NEUTRAL SILICONE



MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

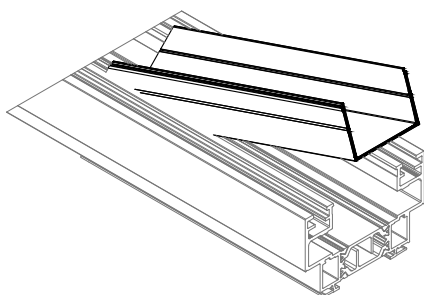
6 - Colocação do perfil PVC U nos aros fixos.
U PVC profile placing in fixed frames.

6.1 - Colocar o perfil PVC U nos aros fixos.
Seguir este procedimento em todos os perfis de aro fixo.
Place the U PVC profile in the fixed frames.
Follow this procedure in all fixed frame profiles.

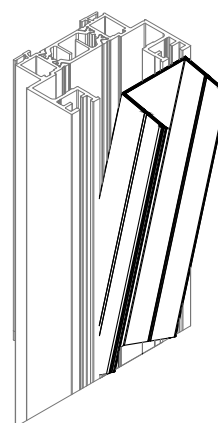


IMPORTANTE | IMPORTANT:
Os calços de estanquicidade e as goteiras ocultas já deverão estar aplicadas na soleira antes desta operação.
Central gasket waterproof kit and hidden drips must already be applied in the sill profile before this operation.

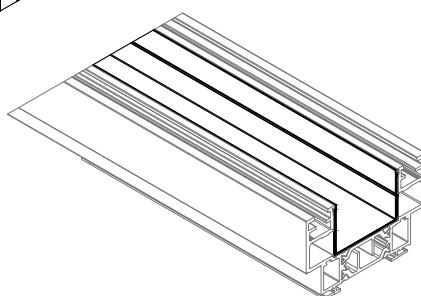
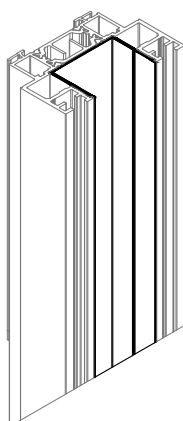
Passo | Step 1:
Colocar os perfis PVC inferior e superior.
Place the lower and upper PVC profiles.



Passo | Step 2:
Colocar as alturas.
Place the heights.



Passo | Step 3:
Unir os aros.
Join the frames.



MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

7 - Colocação dos corta-ventos nos aros fixos.

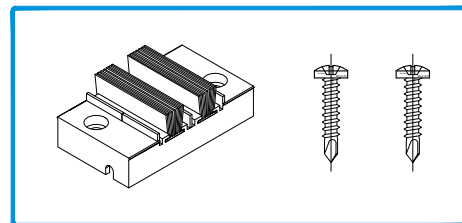
Central insulation gaskets placing in fixed frames.

7.1 - Colocar os corta-vento nas soleiras. Os corta-ventos da padieira deverão ser colocados depois das folhas de correr já estarem aplicadas.

Seguir este procedimento em todos os perfis de aro fixo.

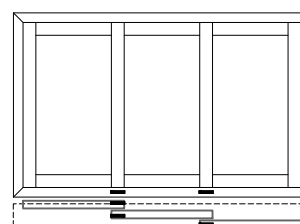
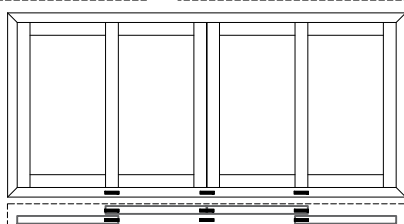
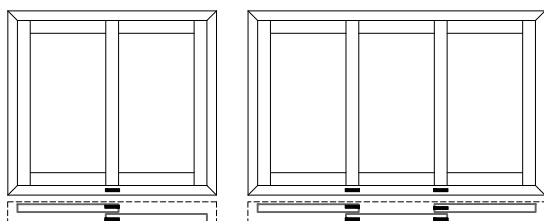
Place the lower central insulation gaskets. The lintel central insulation gaskets must be placed after the sliding leaves are already applied.

Follow this procedure in all fixed frame profiles.

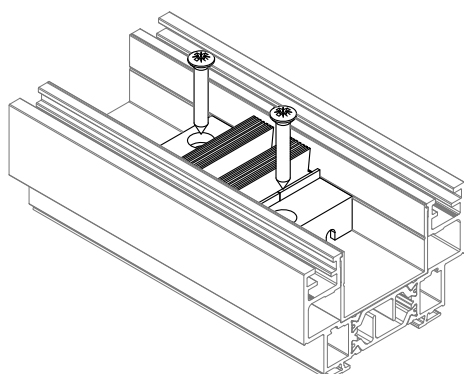
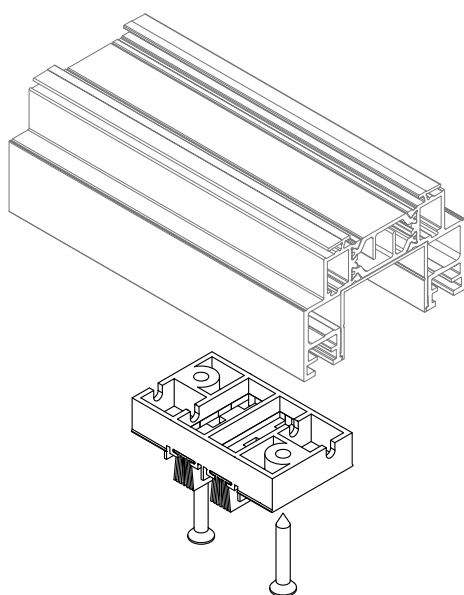


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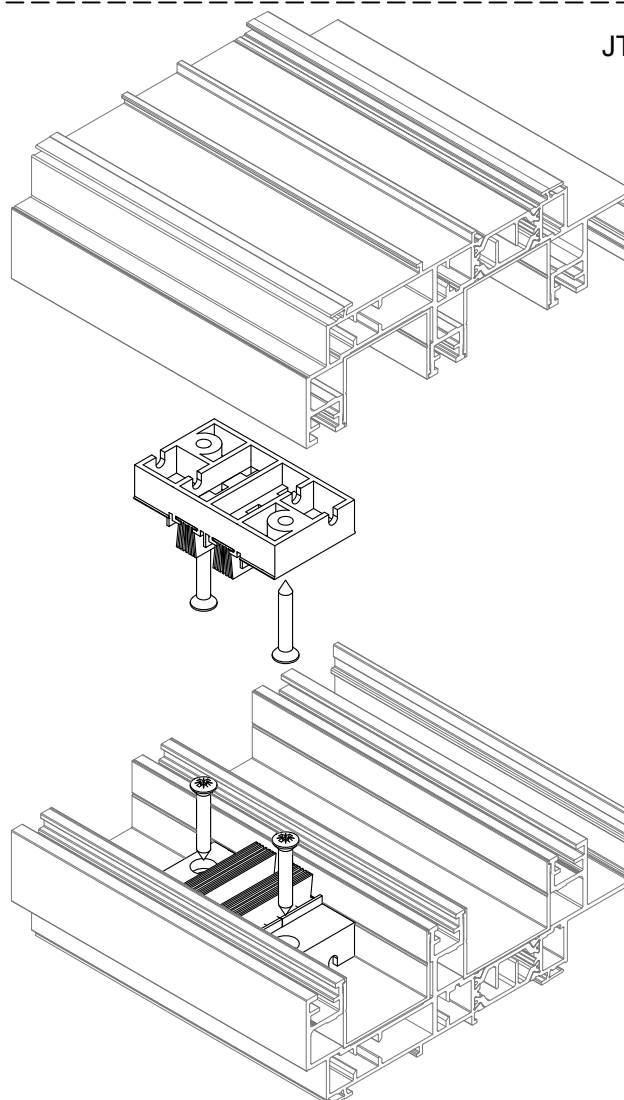
CORTA-VENTO JT



JT 01



JT 03



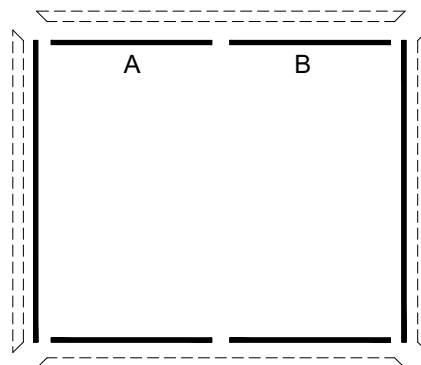
MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

8 - Corte e aplicação dos perfis PVC T nos aros fixos.

Cutting and applying of T PVC profiles in fixed frames.

8.1 - Os perfis PVC T verticais são aplicados numa única peça, enquanto que os horizontais são divididos em várias peças.

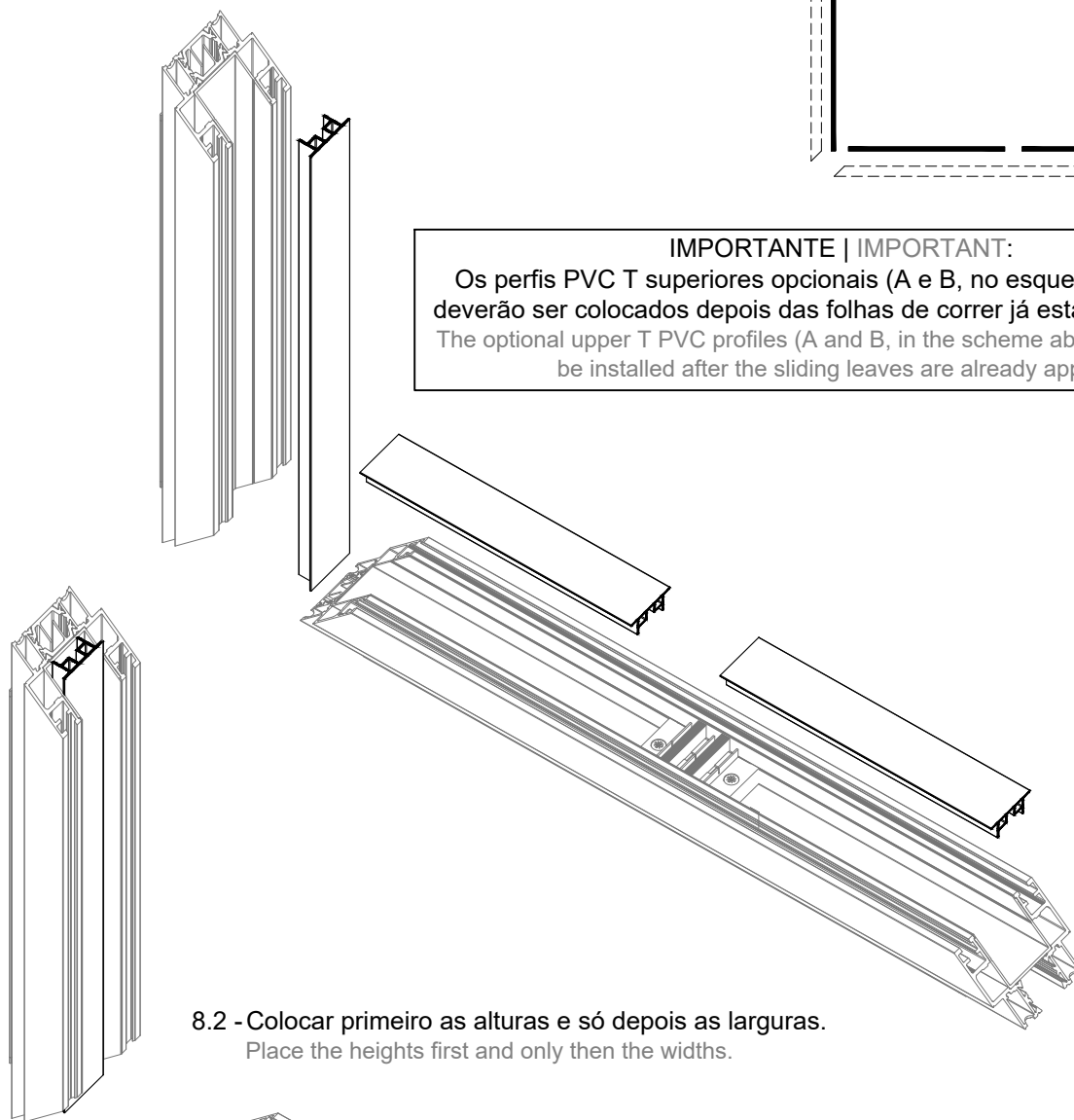
Vertical T PVC profiles are applied in a single piece, while the horizontal ones are divided into several pieces.



IMPORTANTE | IMPORTANT:

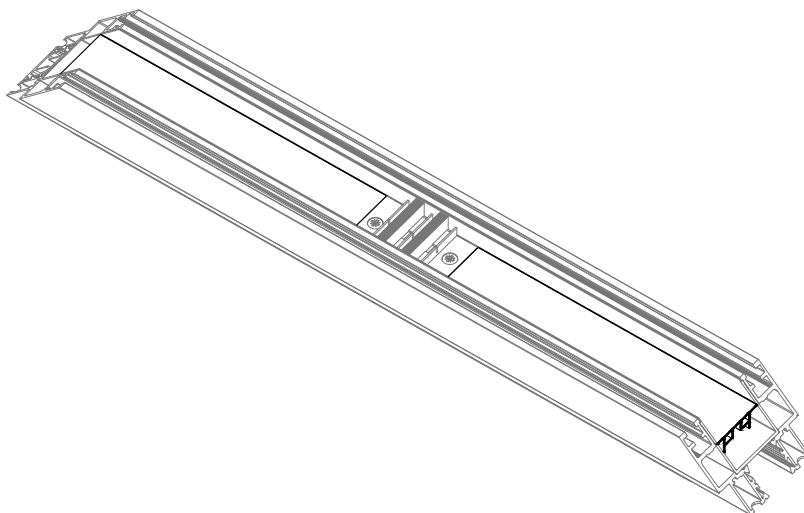
Os perfis PVC T superiores opcionais (A e B, no esquema acima) só deverão ser colocados depois das folhas de correr já estarem aplicadas.

The optional upper T PVC profiles (A and B, in the scheme above) should only be installed after the sliding leaves are already applied.



8.2 - Colocar primeiro as alturas e só depois as larguras.

Place the heights first and only then the widths.



MONTAGEM DE AROS FIXOS

FIXED FRAMES ASSEMBLY

9 - Corte, entalhes e aplicação das capas JT85 e JT88.

Cutting, milling and applying the JT85 and JT88 cover profiles.

9.1 - Medidas de corte. A medida de corte do perfil de capa varia consoante a aplicação ou não do perfil PVC T:

Cutting measures. Cover profile cutting measure varies depending on the application or not of the T PVC profile:

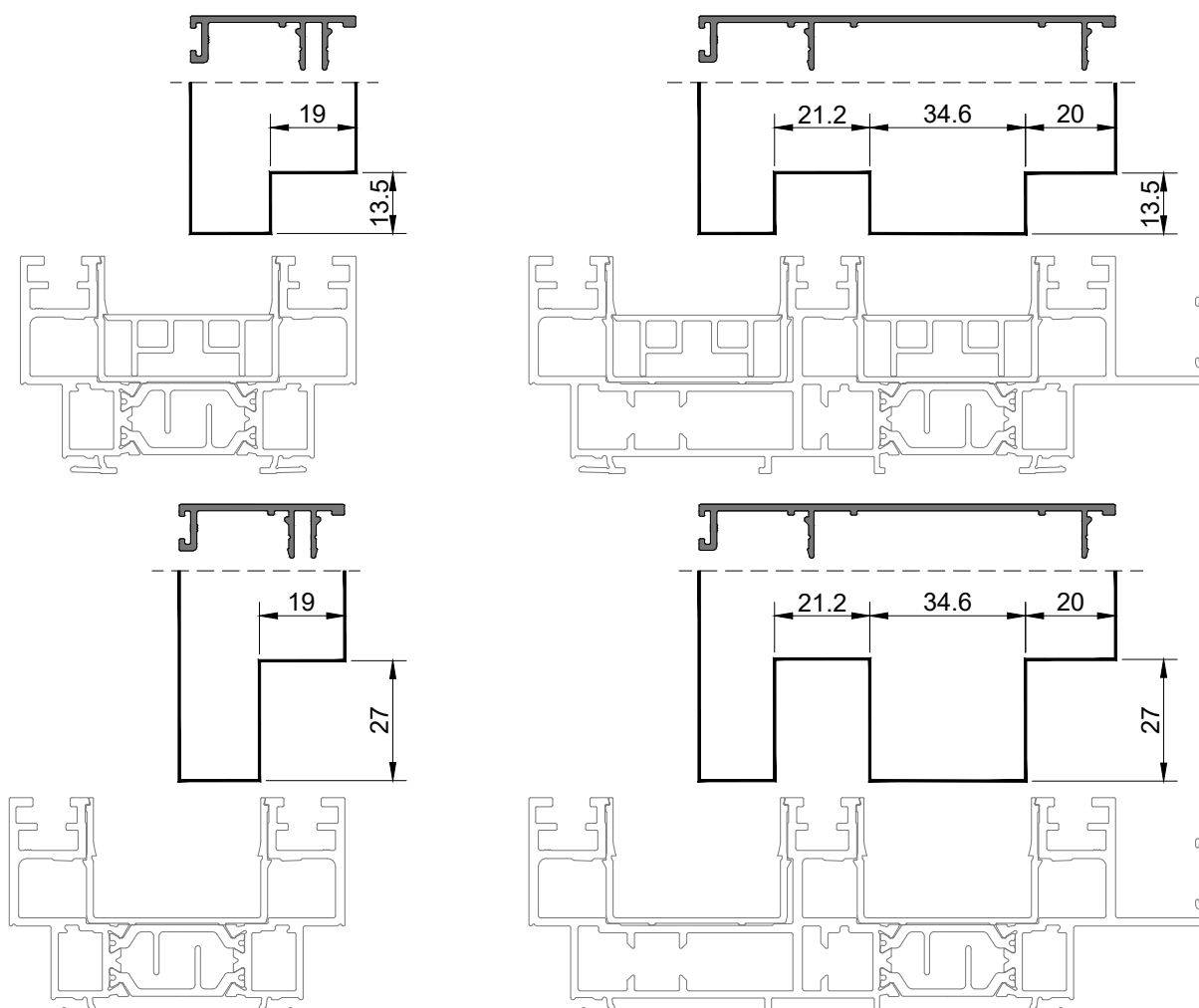
Situação Situation	Medida de Corte Cutting measure	Esquema de aplicação Application scheme
Perfis PVC T aplicados em cima e em baixo T PVC profiles applied on top and bottom	H - 72	
Perfil PVC T aplicado apenas em cima ou em baixo T PVC profiles applied <u>only</u> on top <u>or</u> bottom	H - 58	
Caixilho sem aplicação de perfis PVC T Frame without T PVC profiles applied	H - 45	

9.2 -Maquinação dos perfis.

Profiles machining.

Quando aplicados na vertical, os perfis necessitam de maquinações conforme esquemas abaixo, em ambas as extremidades.

When applied vertically, the profiles require machining according to the diagrams below, at both ends.

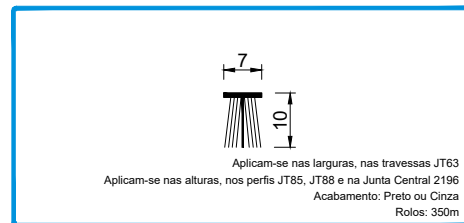


Quando aplicados na horizontal, o corte destes perfis deverá ser reto e sem maquinações.
When applied horizontally, the cut of these profiles should be straight and without machining.

MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

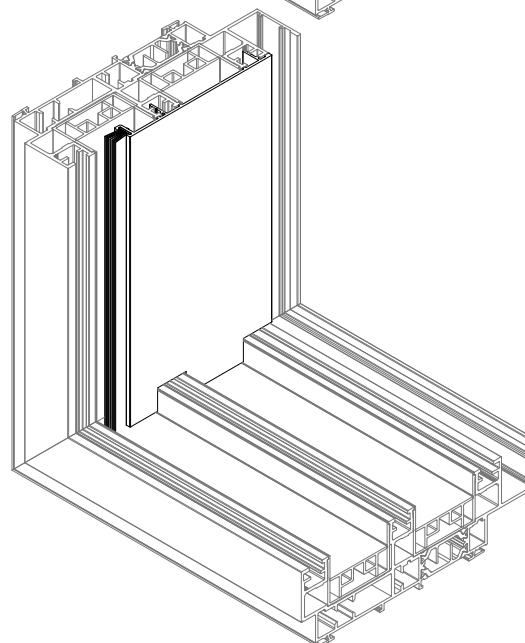
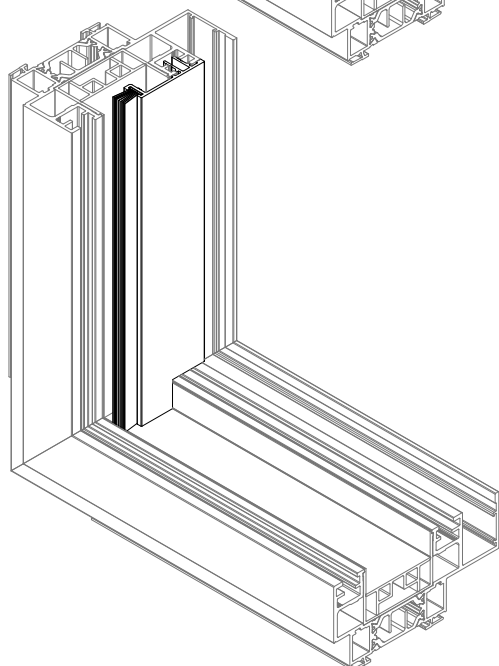
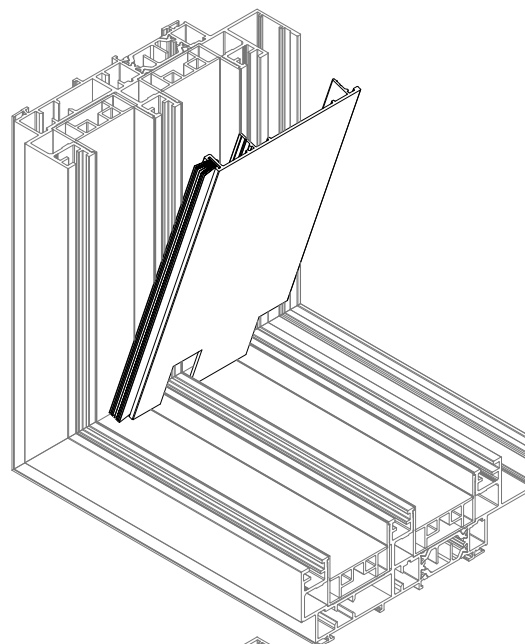
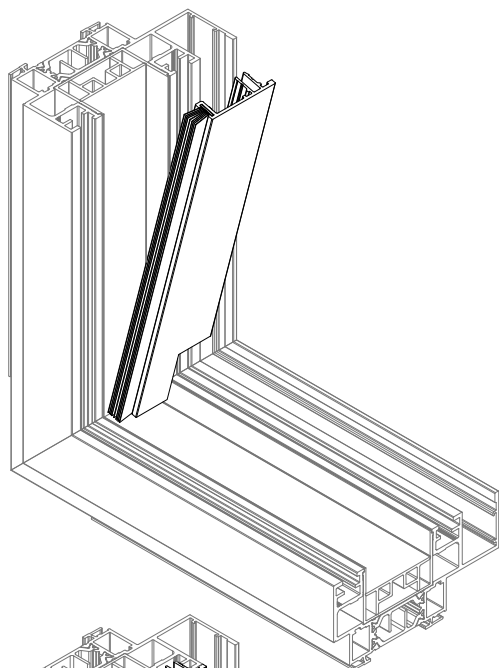
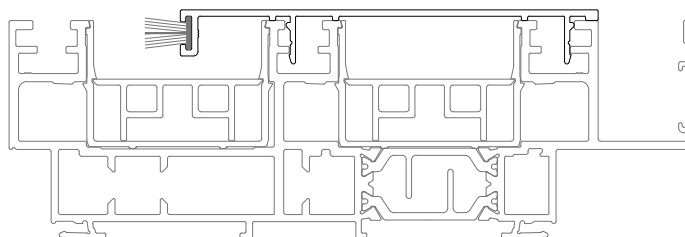
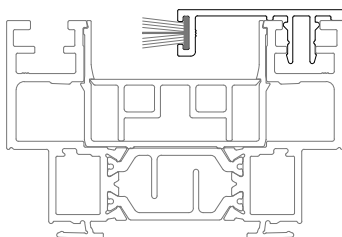
10 - Corte e aplicação da pelúcia 7x10 Stop-fin nos perfis de capa JT85 e JT88.
Cutting and applying of 7x10 Stop-fin gaskets in JT85 and JT88 cover profiles.

Exemplos de aplicação vertical dos perfis JT85 e JT88:
Examples of vertical application on JT85 and JT88 profiles:



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PELÚCIA 7x10 STOP-FIN Cinza
PELÚCIA 7x10 STOP-FIN Preta

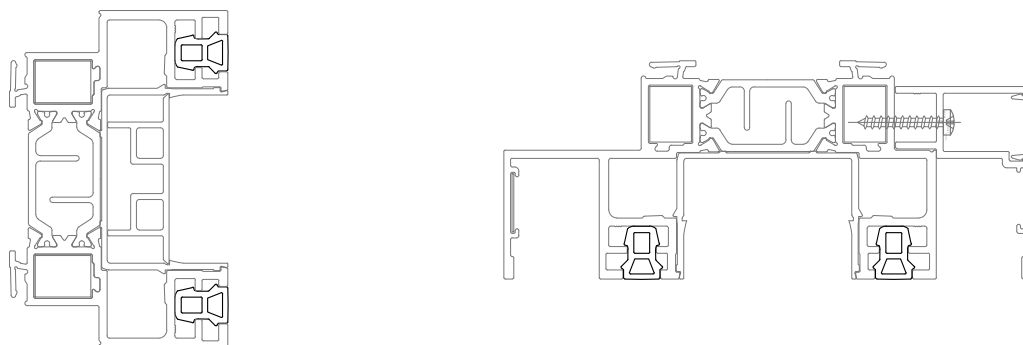
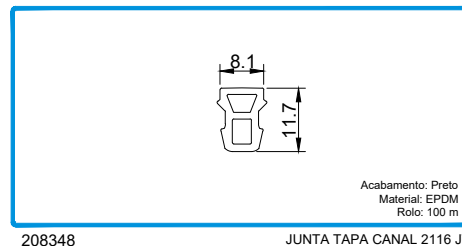


MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

11 - Corte e aplicação da Junta Tapa Canal 2116 JT nos aros fixos.
Cutting and applying of 2116 channel cover joint in fixed frames.

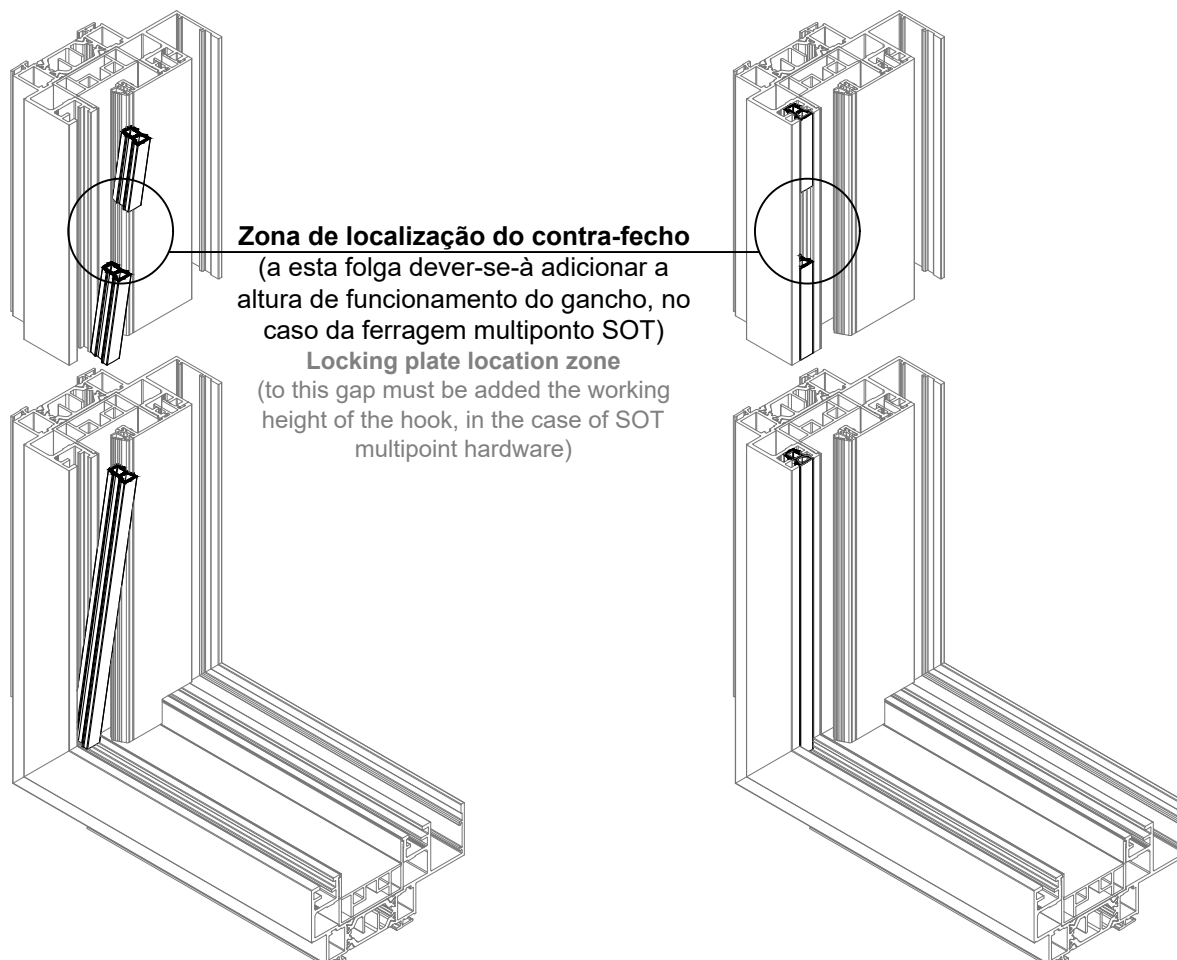
Esta junta deverá ser aplicada no aro fixo, na padieira e nas laterais. Nas zonas onde se localizarão os contra-fechos, a junta deverá ser interrompida. **Seguir este procedimento em todos os perfis de aro fixo.**

This joint must be applied in the fixed frame, in the lintel and the laterals. In the zones where the counter-locks will be located, the joint must be interrupted. **Follow this procedure in all fixed frame profiles.**



IMPORTANTE | IMPORTANT:

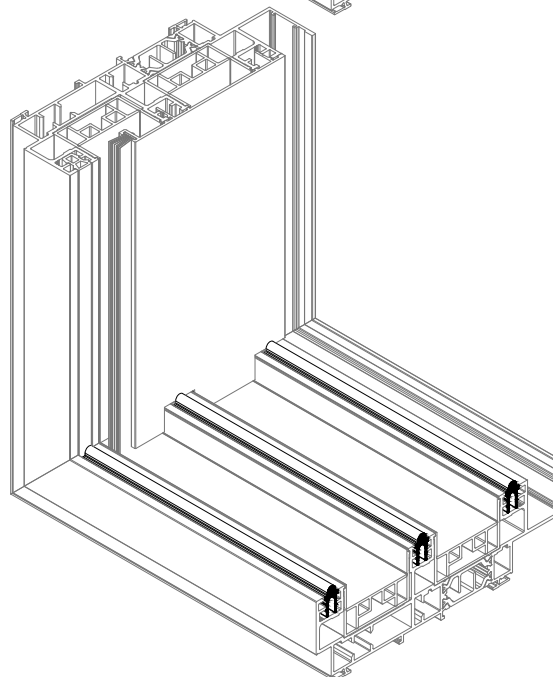
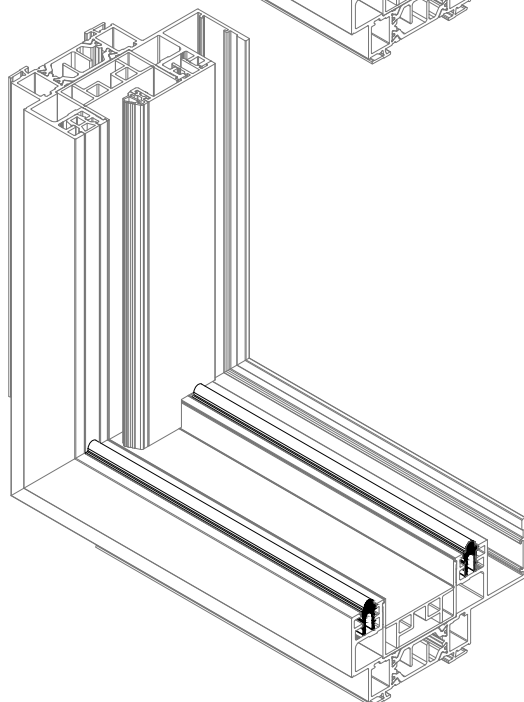
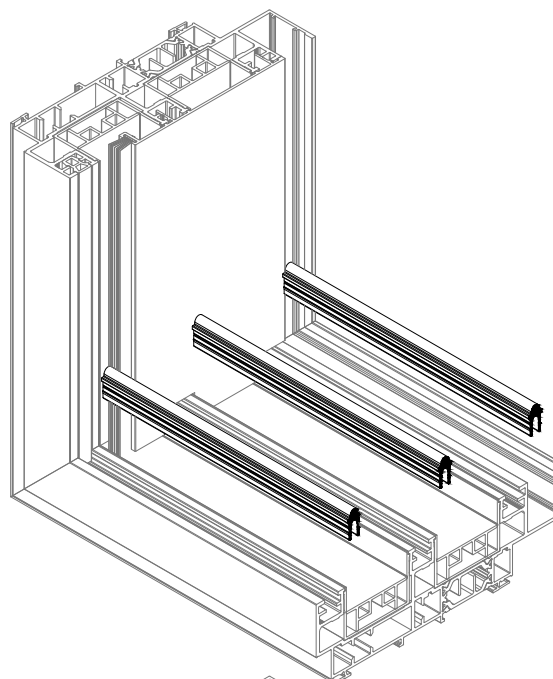
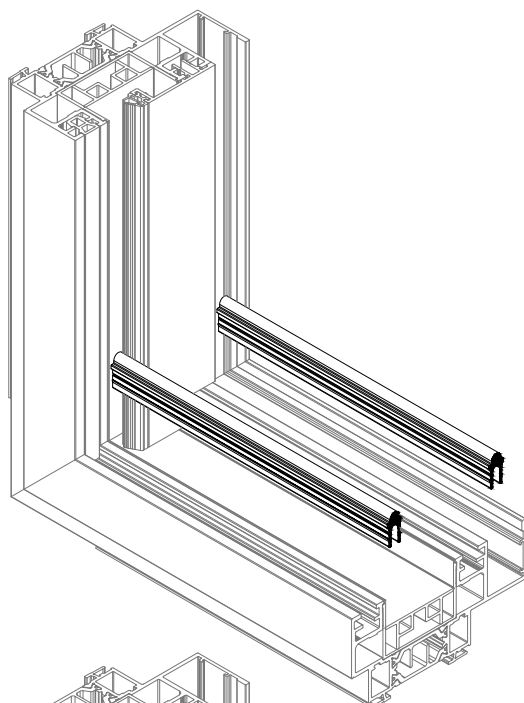
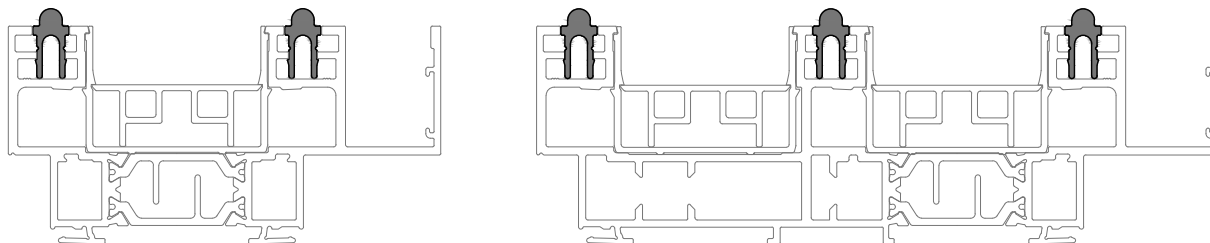
A zona de interrupção da junta deverá ser suficiente para permitir os movimentos do fecho multiponto SOT.
The joint interruption zone must be sufficient to allow the movements of the SOT multipoint lock.



MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

12 - Corte e aplicação do perfil guia JT87 nos aros fixos.
Cutting and applying of JT87 rail profile in fixed frames.

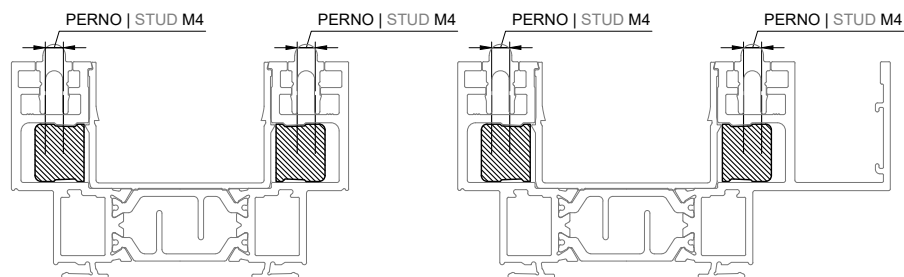
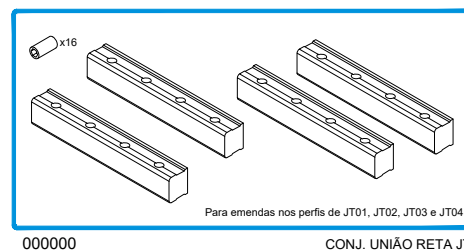
O perfil JT87 deverá ser aplicado nas soleiras, conforme esquemas abaixo:
The JT87 profile must be applied in the sills, according to the schemes below:



MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

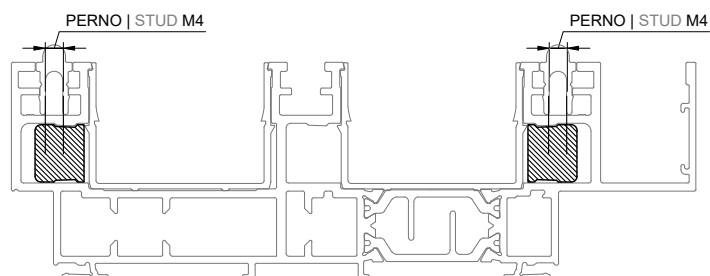
13 - Aplicação do conj. união reta JT nos aros fixos, em emendas de perfis de aro fixo
Straight union kit and angles applying in fixed frames, in splicing of fixed frame profiles

13.1 - Colocar os conj. união reta JT e fixá-los através dos pernos.
Seguir este procedimento em todos os perfis de aros fixos.
Place the straight union kit and secure them using the studs.
Follow this procedure in all fixed frame profiles.

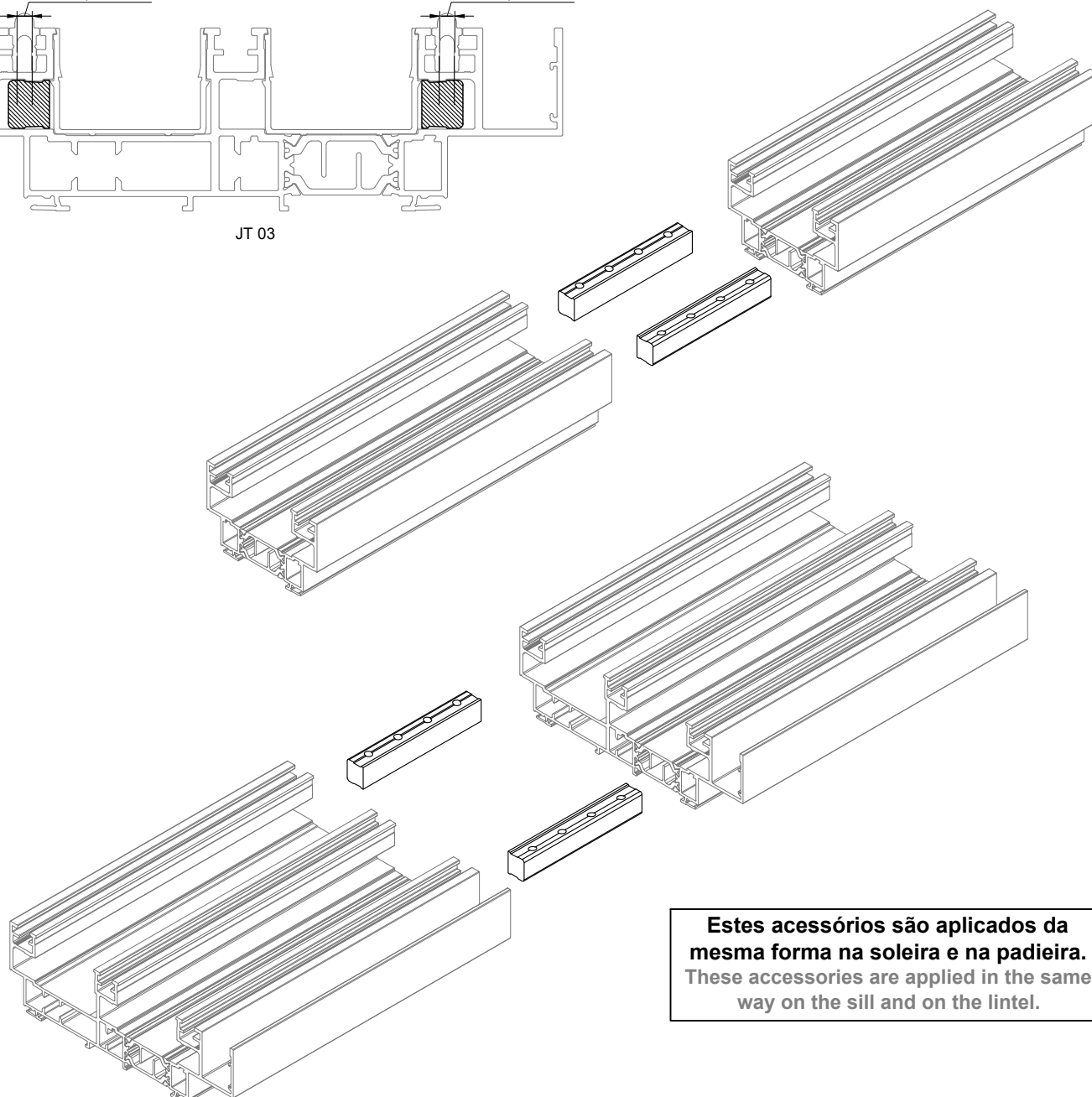


JT 01

JT 02



JT 03



Estes acessórios são aplicados da mesma forma na soleira e na padieira.
These accessories are applied in the same way on the sill and on the lintel.

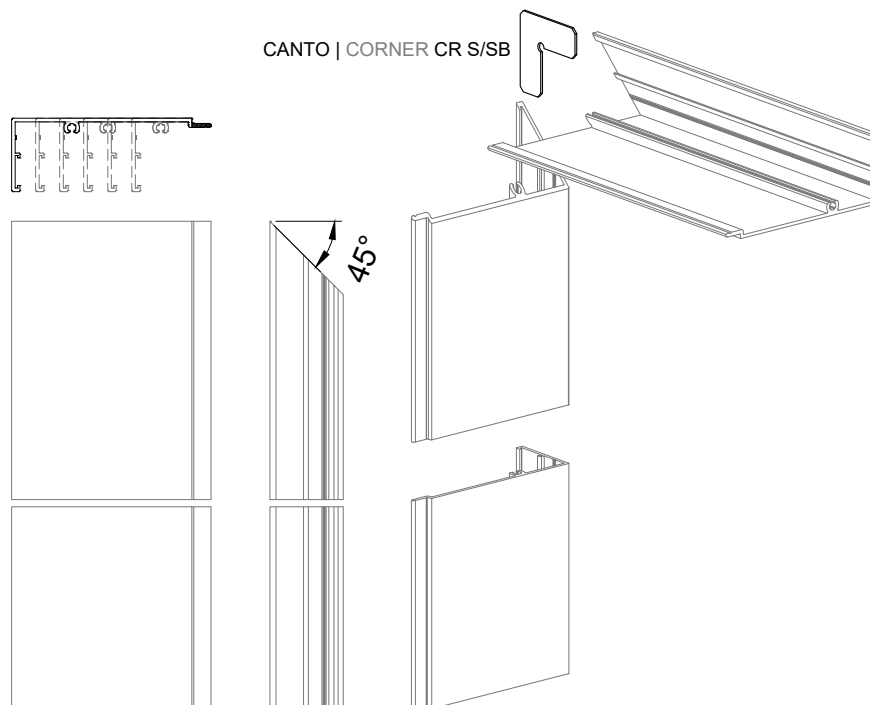
MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

14 - Corte e aplicação dos perfis remate juntamente com a soleira KE71.

Cutting and applying of finishing profiles together with the KE71 sill.

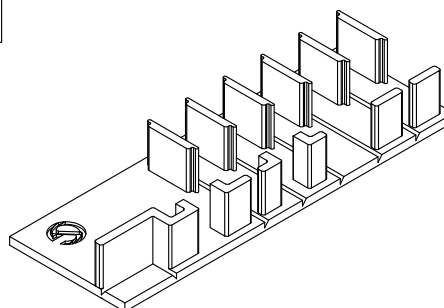
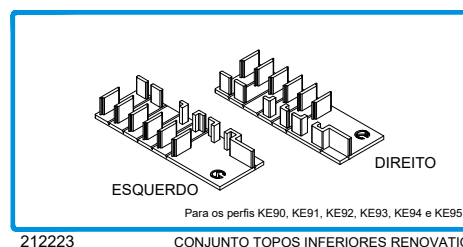
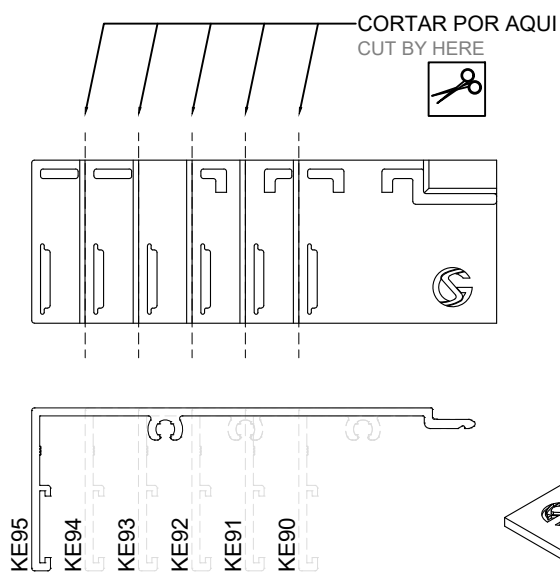
14.1 - Cortar os perfis de remate laterais a 45° na parte superior.

45° Cut at the of top of the lateral finishing profiles.



14.2 - Cortar o Conj. de topos inferiores Renovatio na utilização dos perfis KE90, KE91, KE92, KE93, KE94 e KE95.

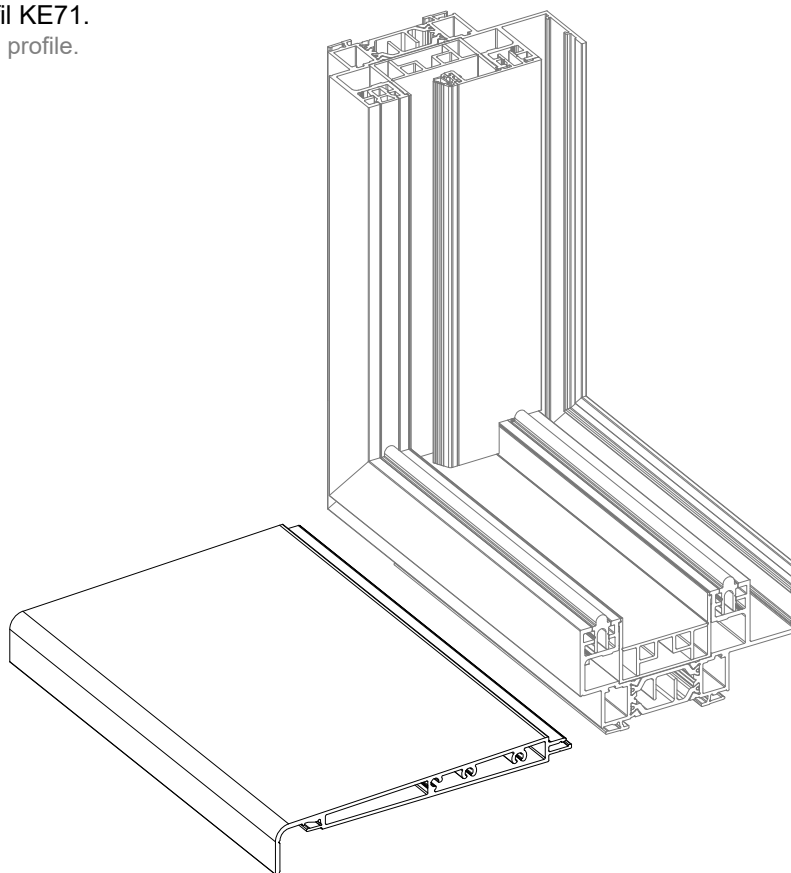
Cut the Renovatio lower end-caps kit when using KE90, KE91, KE92, KE93, KE94 and KE95 profiles.



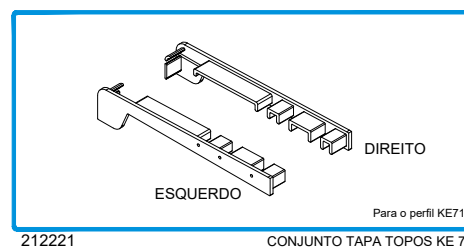
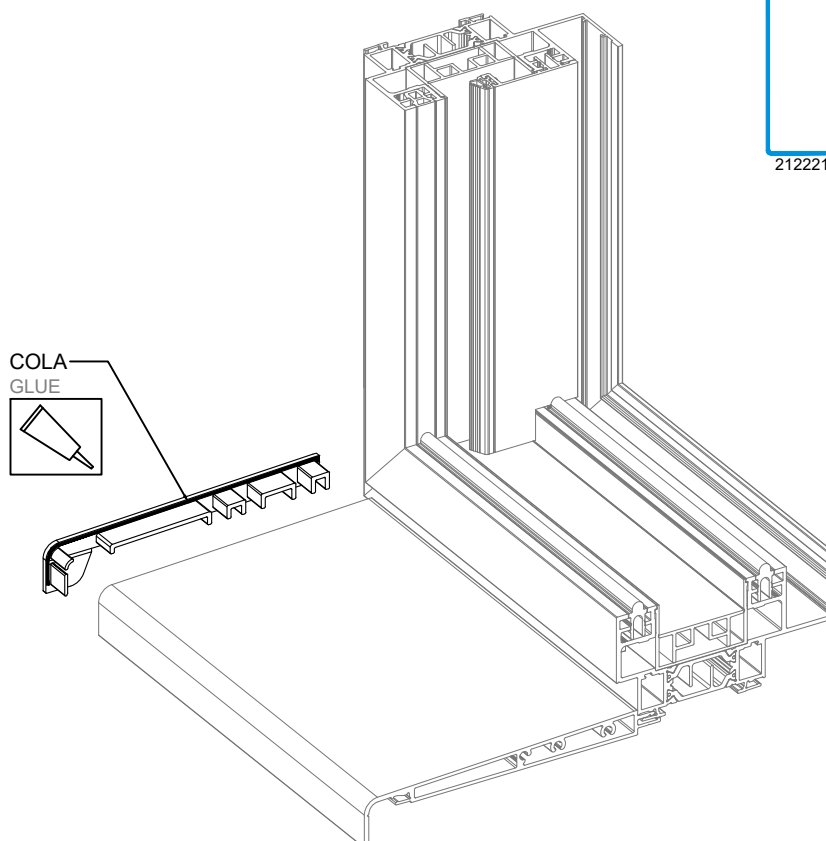
MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

14 - Corte e aplicação dos perfis remate juntamente com a soleira KE71.
Cutting and applying of finishing profiles together with the KE71 sill.

14.3 - Colocar o perfil KE71.
Place the KE71 profile.



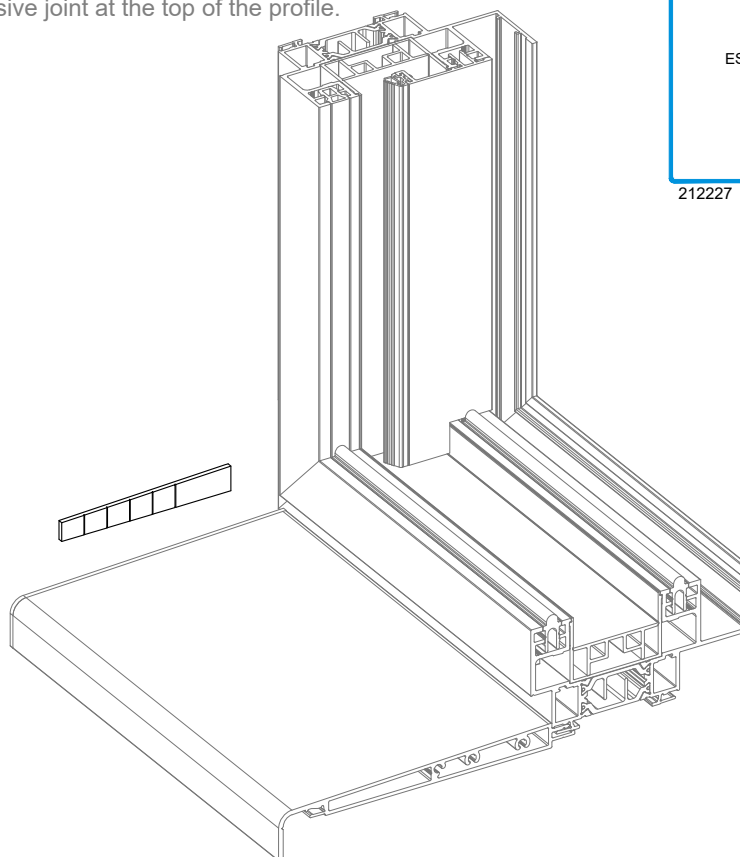
14.4 - Aplicar um fio de cola no topo, antes de o colocar no perfil KE71.
Apply a line of glue in the end-cap, before placing it on the KE71 profile.



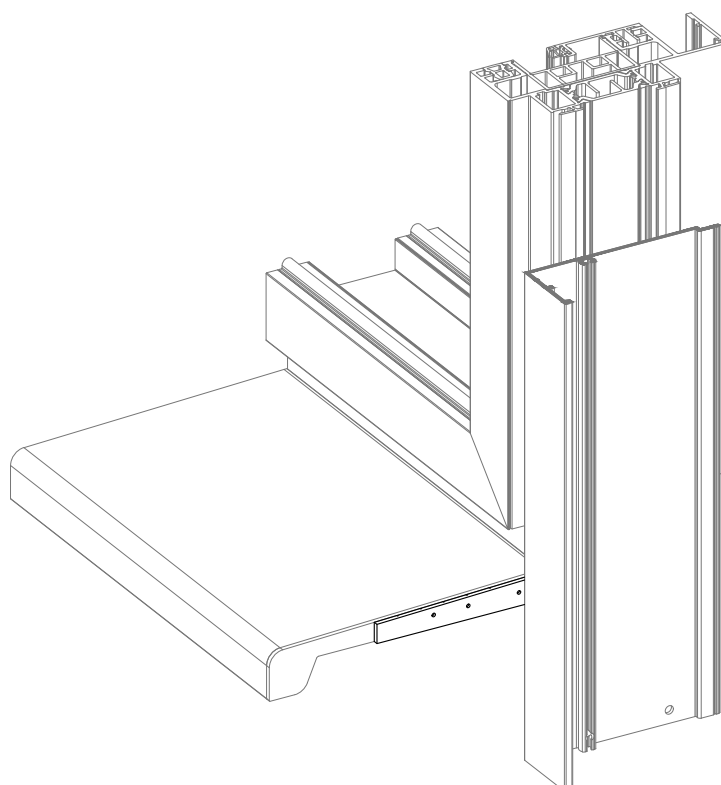
MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

14 - Corte e aplicação dos perfis remate juntamente com a soleira KE71.
Cutting and applying of finishing profiles together with the KE71 sill.

14.5 - Aplicar a junta adesiva no topo do perfil.
Apply the adhesive joint at the top of the profile.



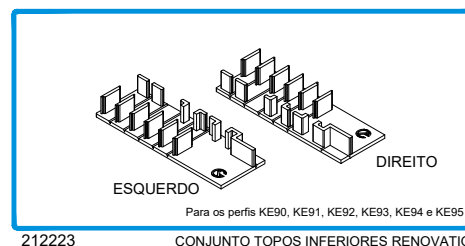
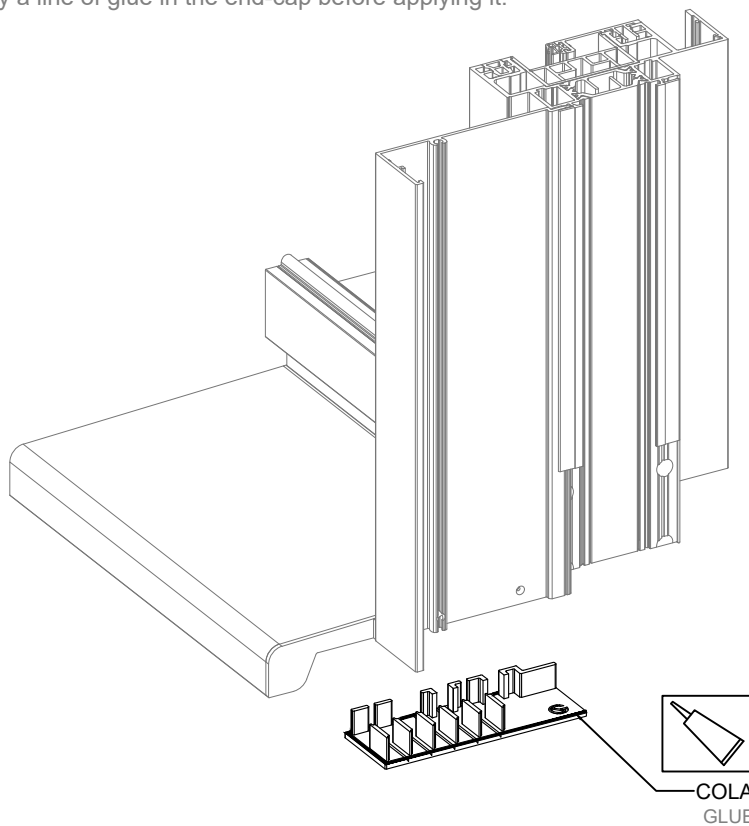
14.6 - Depois de colar a junta adesiva, colocar um dos perfis de remate.
After gluing the adhesive joint, place one of the finishing profiles.



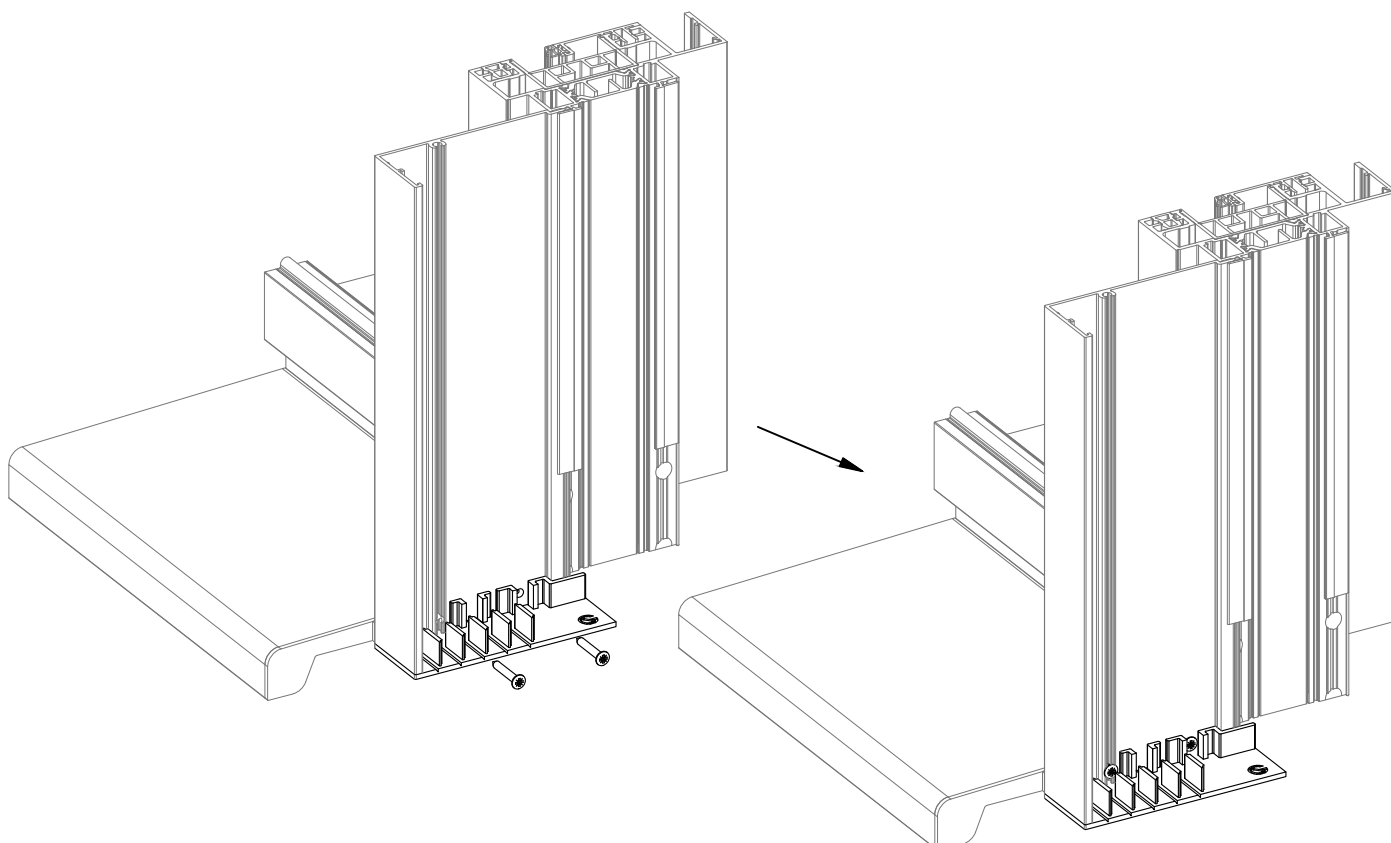
MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

14 - Corte e aplicação dos perfis remate juntamente com a soleira KE71.
Cutting and applying of finishing profiles together with the KE71 sill.

14.7 - Aplicar um fio de cola no topo antes de o aplicar.
Apply a line of glue in the end-cap before applying it.



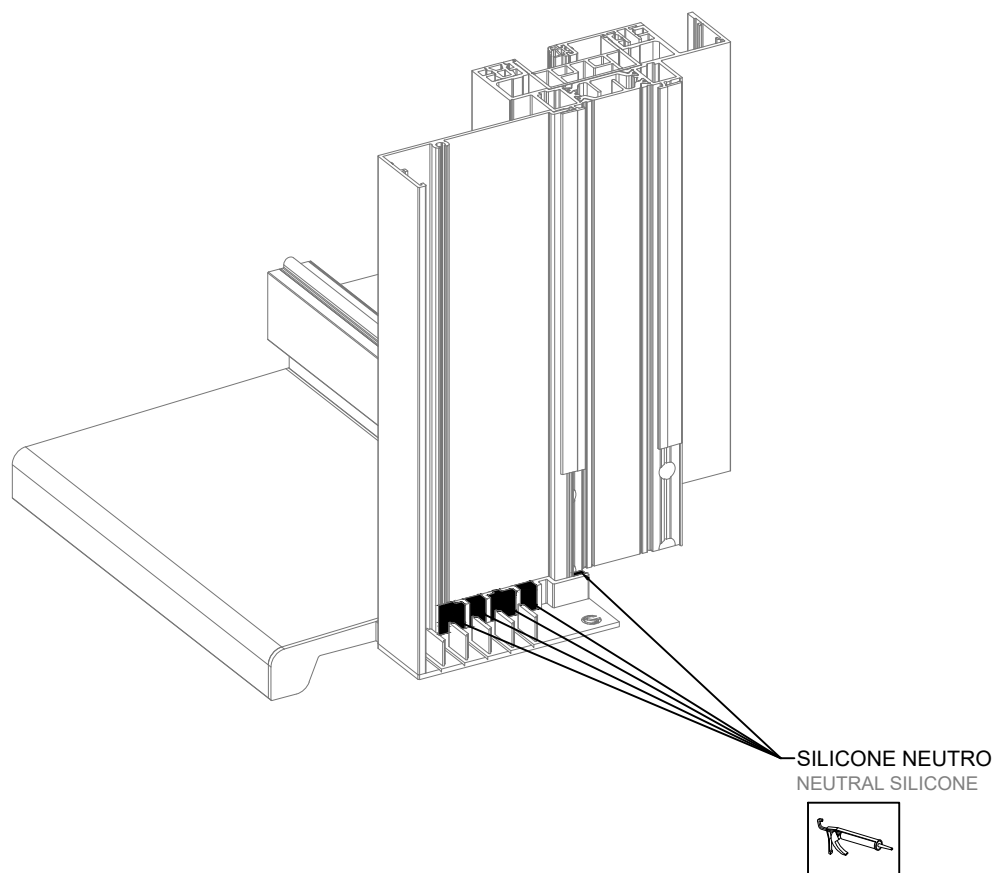
14.8 - Fixar o topo e o perfil lateral de remate à soleira KE71.
Fix the end-cap and the lateral finishing profile to the KE71 sill.



MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

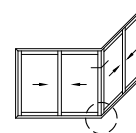
14 - Corte e aplicação dos perfis remate juntamente com a soleira KE71.
Cutting and applying of finishing profiles together with the KE71 sill.

14.9 - Injetar silicone nas zonas assinaladas.
Inject silicone into the marked areas.



MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

15 - Aplicação de silicone nos aros fixos, em tipologias de canto 90°.
Silicone application in fixed frames, in 90° corner typologies.

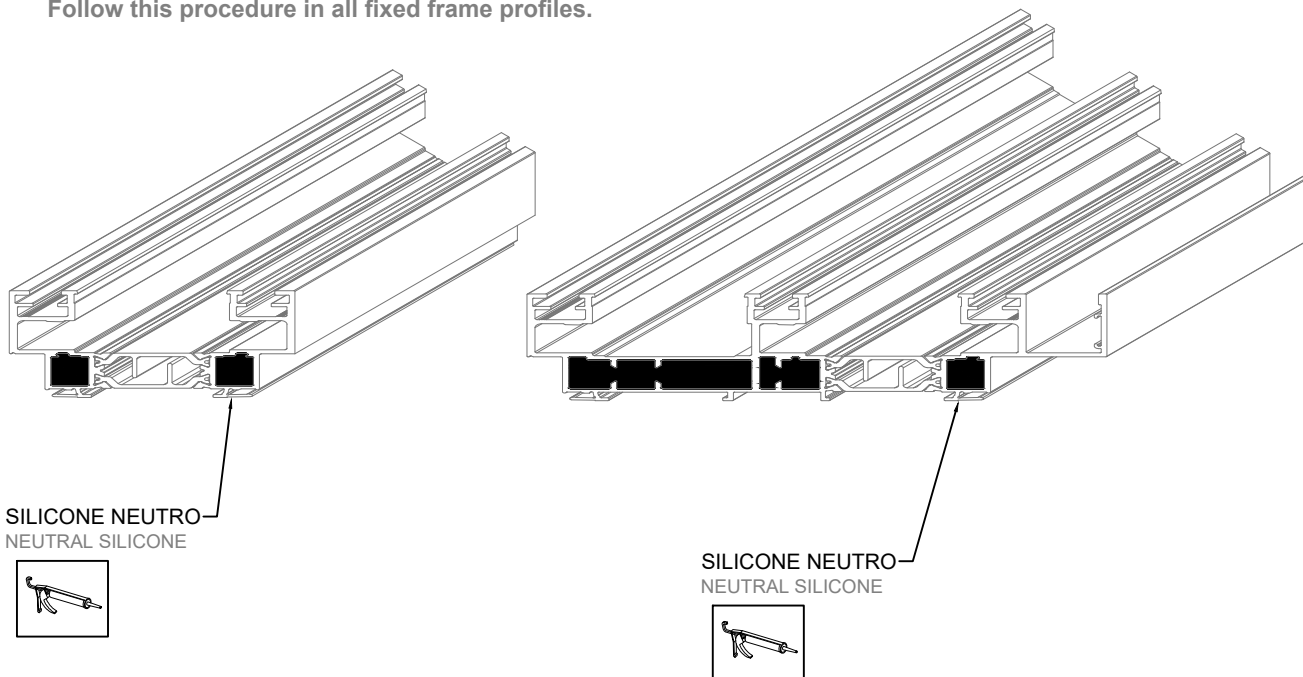


15.1 - Encher as câmaras com silicone.

Seguir este procedimento em todos os perfis de aros fixos.

Fill the chambers with silicone.

Follow this procedure in all fixed frame profiles.

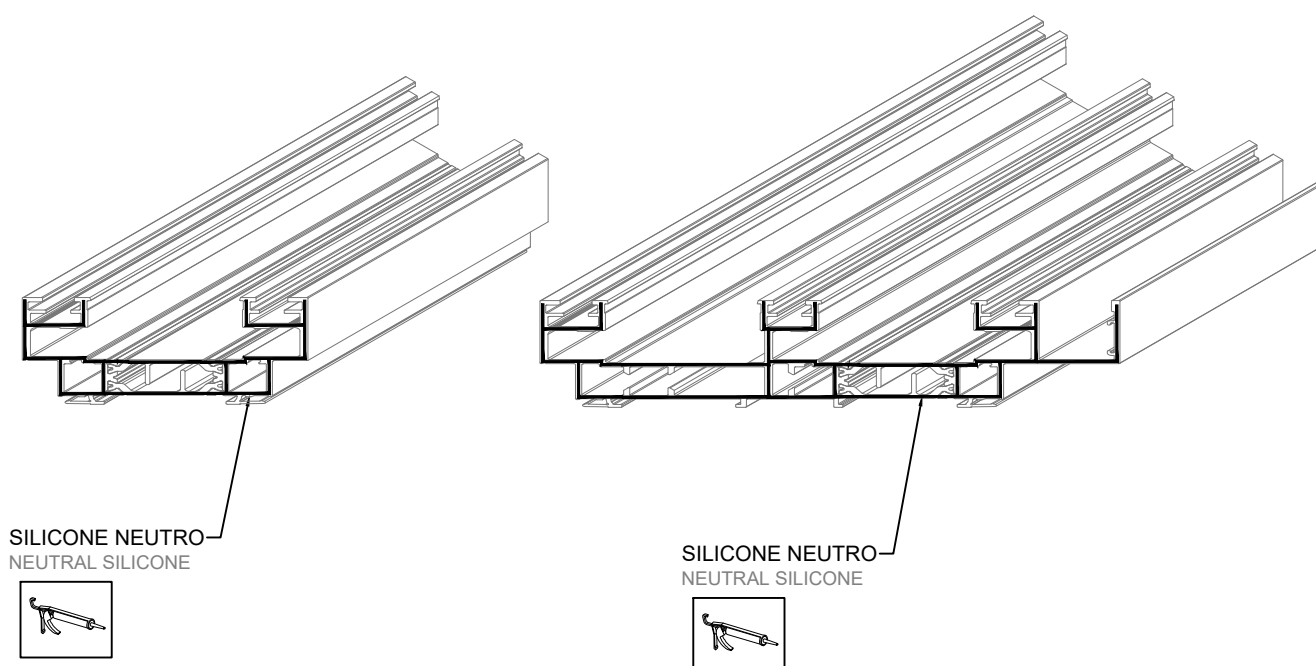
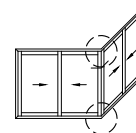


15.2 - Aplicar silicone à cor do perfil ou silicone neutro na zona das esquadrias.

Seguir este procedimento em todos os perfis de aros fixos.

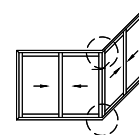
Apply silicone in the same color as the profiles or neutral silicone in the frame's areas.

Follow this procedure in all fixed frame profiles.



MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

16 - Aplicação do conj. união canto 90° JT e esquadro inox nos aros fixos, em tipologias de canto 90°.
90° Corner union kit and corner applying in fixed frames, in 90° corner typologies.

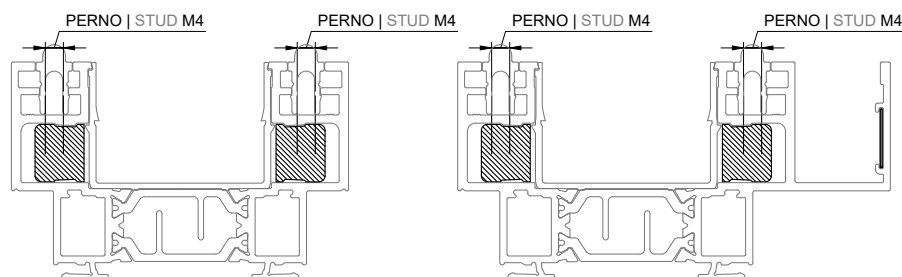


16.1 - Colocar os conj. união e esquadros inox canto 90°. Fixar os conj. união através dos pernos.

Seguir este procedimento em todos os perfis de aros fixos.

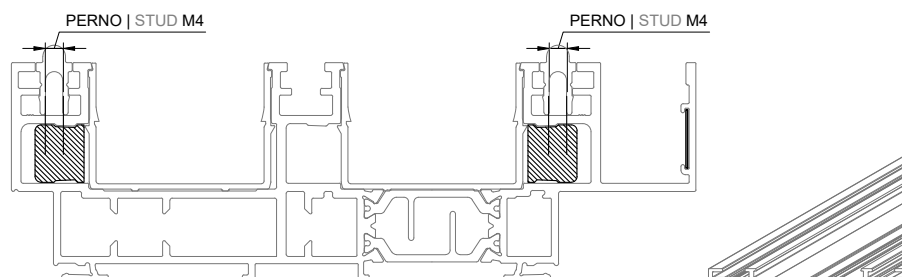
Place the 90° corner union kit and corner. Secure the union kit using the studs.

Follow this procedure in all fixed frame profiles.

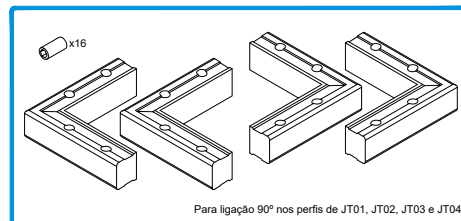


JT 01

JT 02

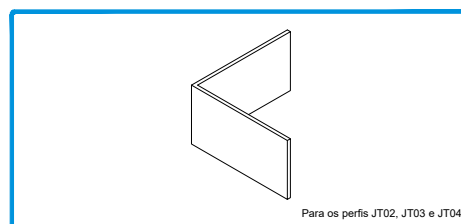


JT 03



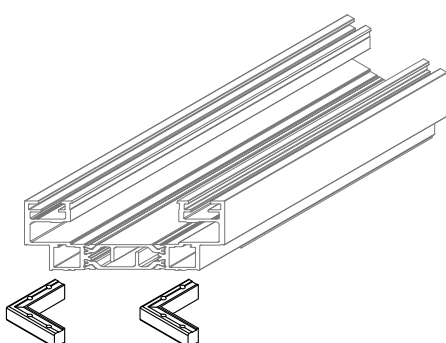
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CONJ. UNIÃO CANTO 90° JT

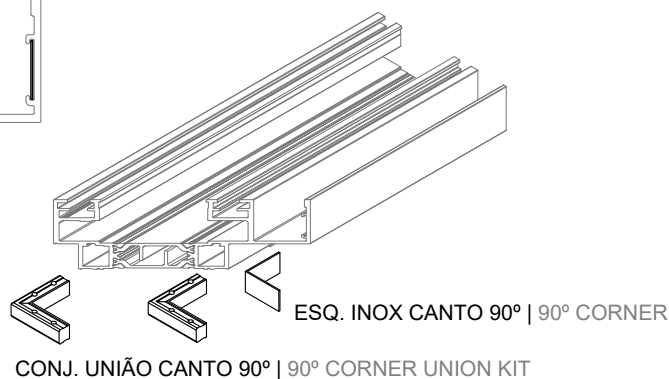


204389

ESQUADRO INOX CANTO 90°

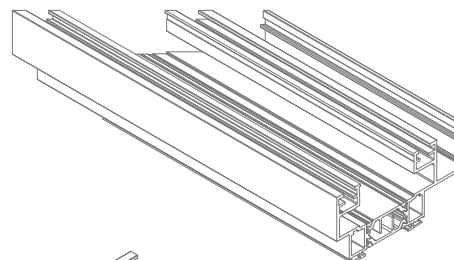


CONJ. UNIÃO CANTO 90° | 90° CORNER UNION KIT



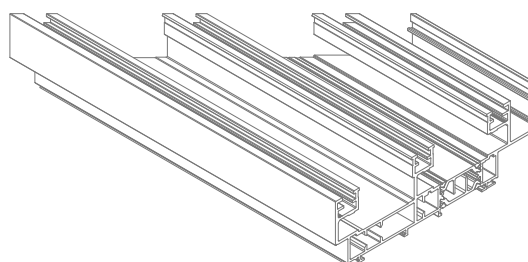
ESQ. INOX CANTO 90° | 90° CORNER

CONJ. UNIÃO CANTO 90° | 90° CORNER UNION KIT



ESQ. INOX CANTO 90° | 90° CORNER

CONJ. UNIÃO CANTO 90° | 90° CORNER UNION KIT

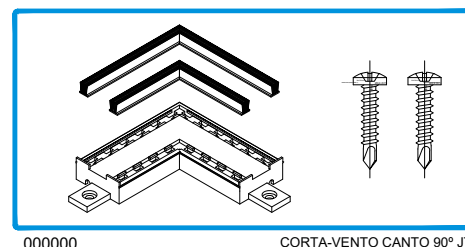
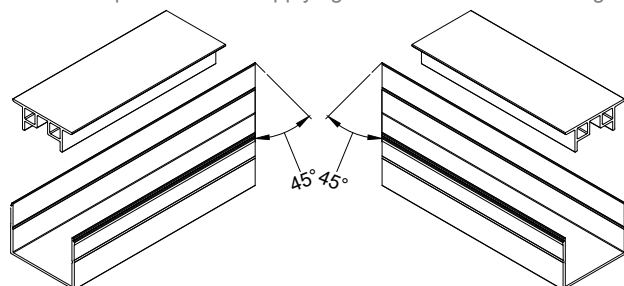


Estes acessórios são aplicados da mesma forma na soleira e na padieira.
These accessories are applied in the same way on the sill and on the lintel.

MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

17 - Colocação do corta-ventos canto 90° nos aros fixos.
Placing the 90° corner insulation gaskets in the fixed frames.

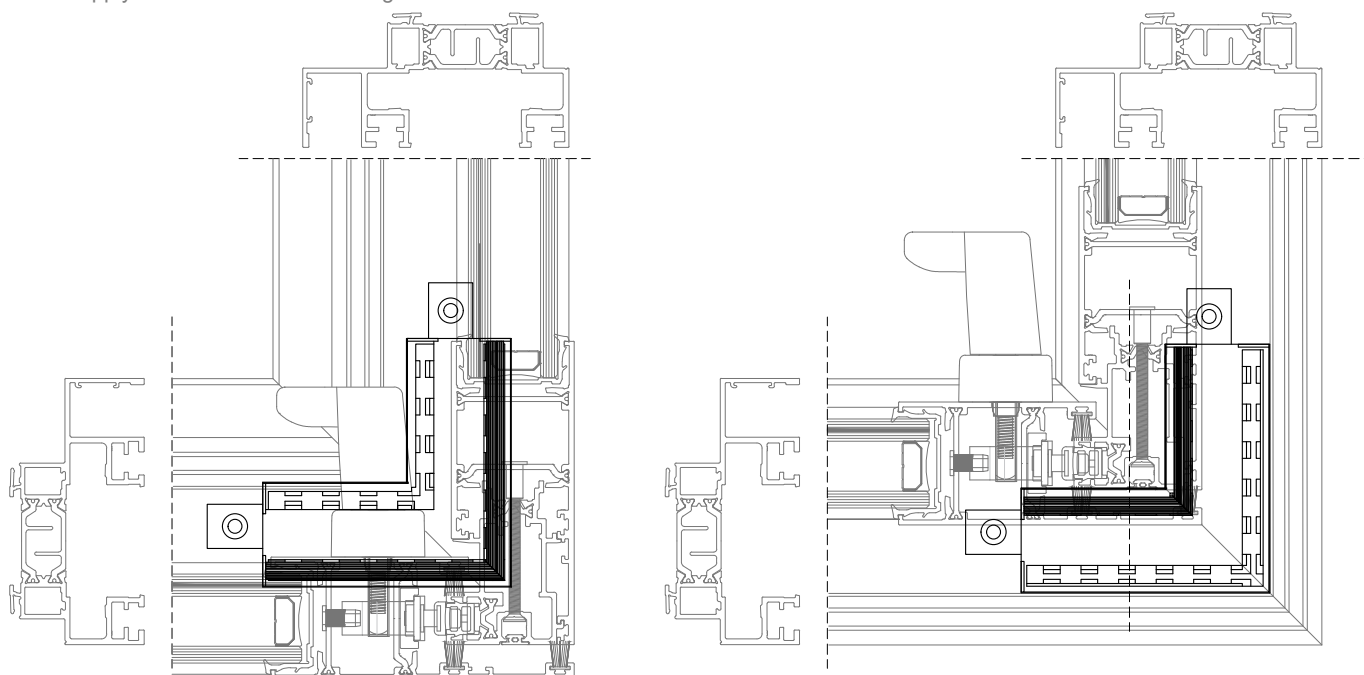
17.1 - Cortar os perfis de PVC antes de aplicar o corta-vento canto 90°.
Cut the PVC profiles before applying the 90° corner insulation gasket.



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CORTA-VENTO CANTO 90° JT

17.2 - Aplicar o corta-vento canto 90° JT no aro fixo.
Apply the 90° corner insulation gasket in the fixed frame.

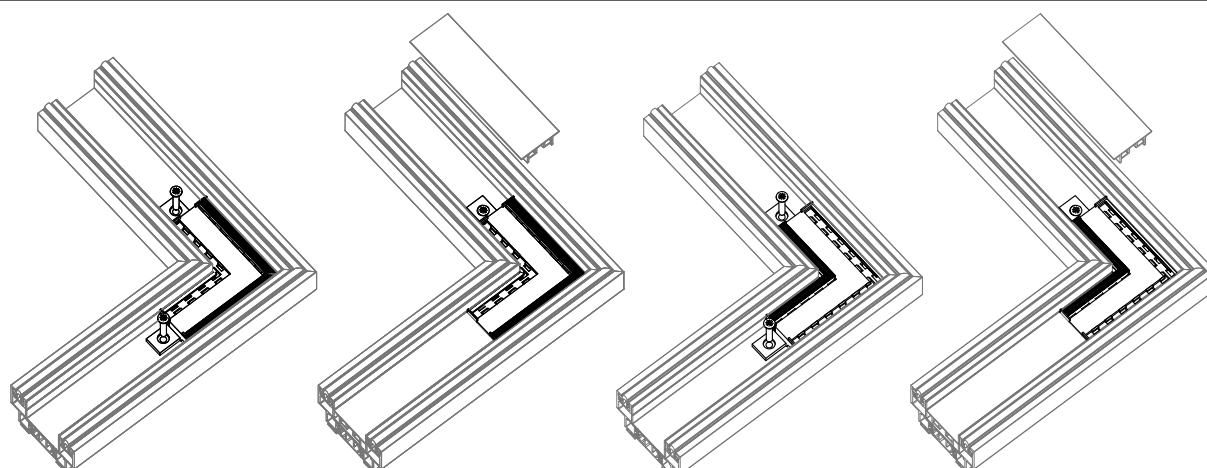


17.3 - Fixar os corta-vento canto 90° na soleira e na padieira.
Fix the 90° corner insulation gaskets to the sill and the lintel.

As medidas de corte dos perfis PVC T encontram-se no mapa de quantidades das tipologias de canto.
The cutting measures of the T PVC profiles can be found in the corners typologies quantity map.

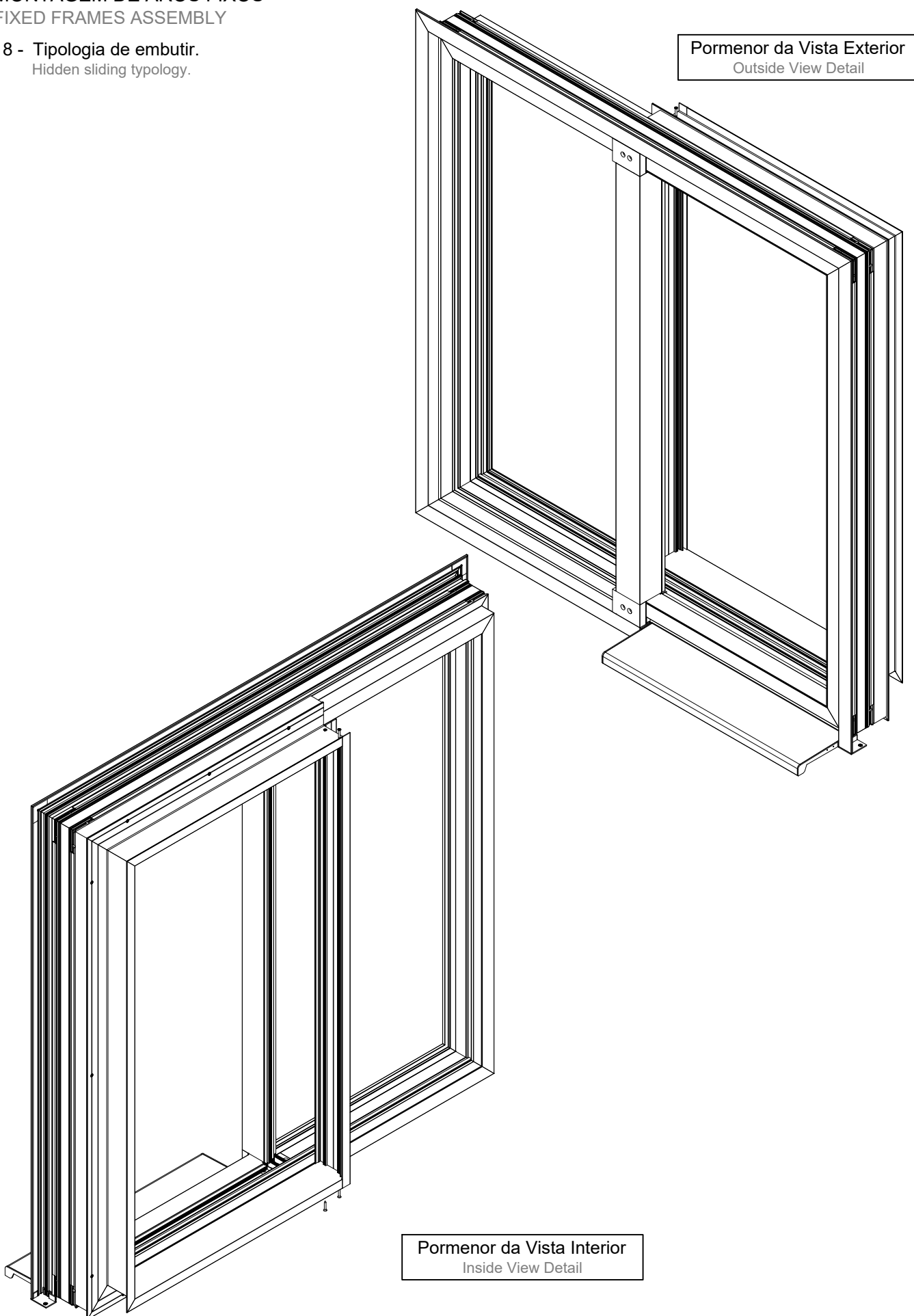
IMPORTANTE | IMPORTANT:

Os perfis PVC T superiores só deverão ser colocadas depois de os aros móveis estarem aplicados.
The upper T PVC profiles must only be installed after the mobile frames are applied.



MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

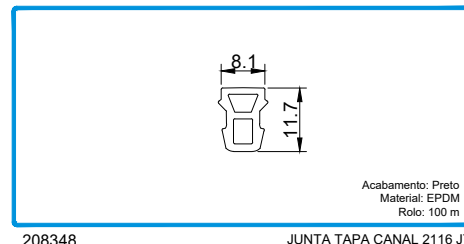
18 - Tipologia de embutir.
Hidden sliding typology.



MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

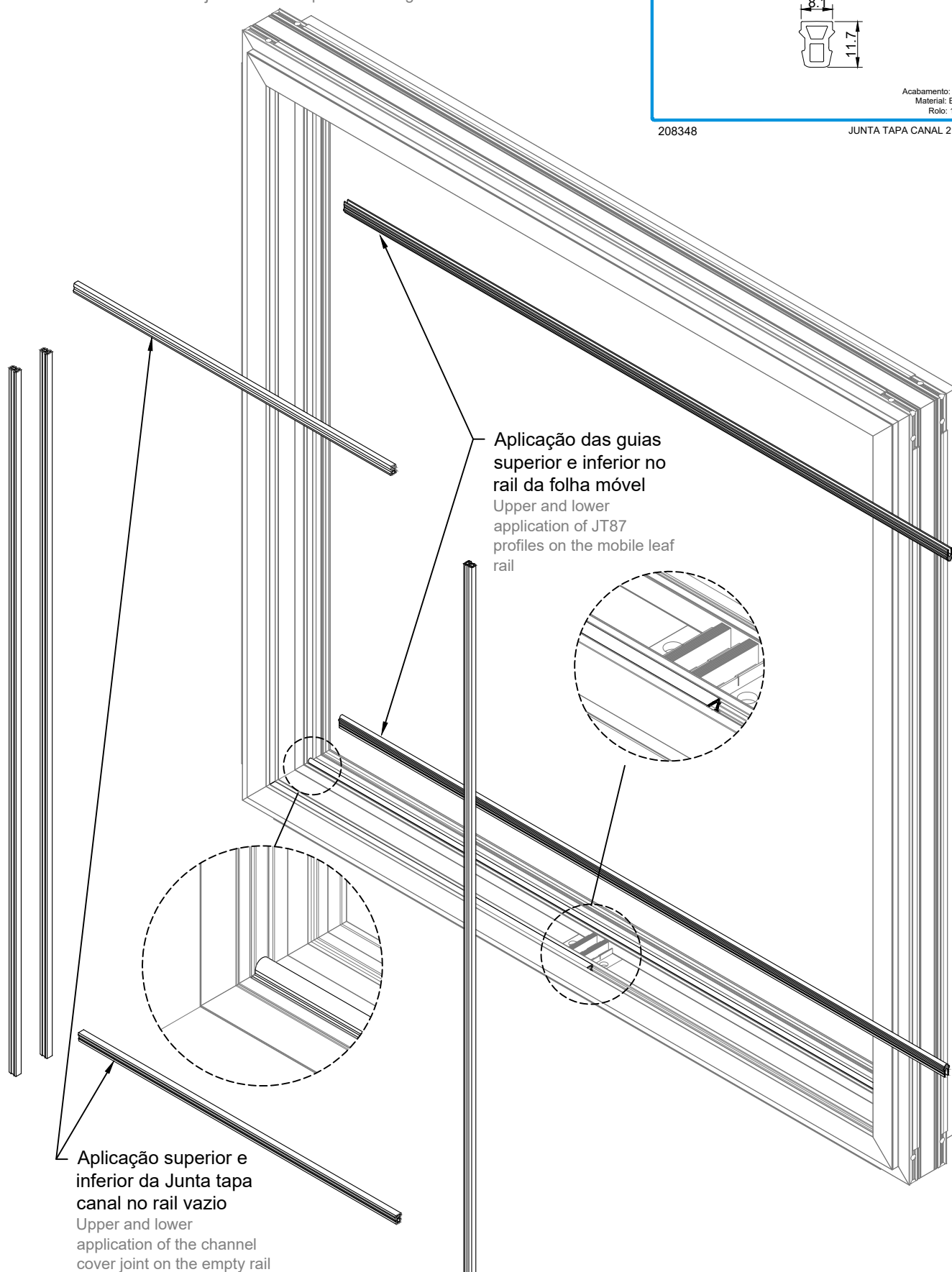
18 - Tipologia de embutir.
Hidden sliding typology.

18.1 - Corte da Junta Tapa Canal 2116 JT e dos perfis JT87.
2116 channel cover joint and JT87 profiles cutting.



208348

JUNTA TAPA CANAL 2116 JT



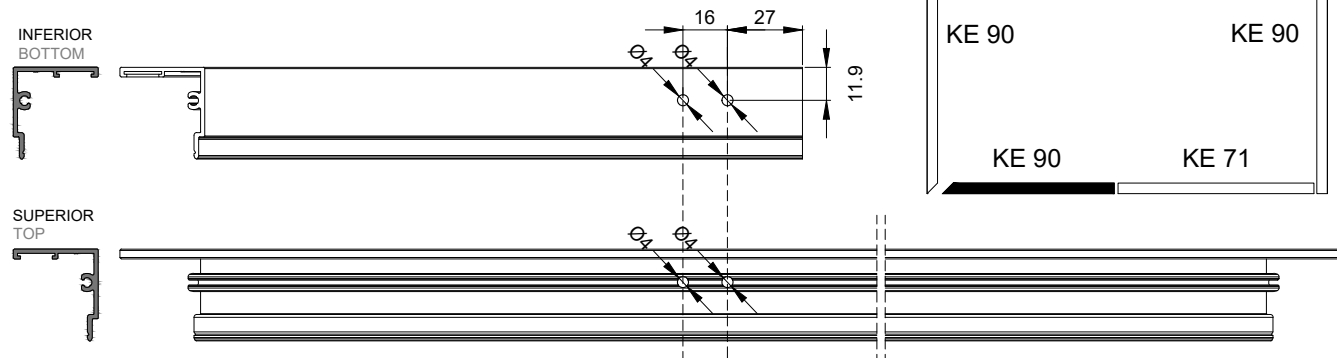
Aplicação das guias superior e inferior no rail da folha móvel
Upper and lower application of JT87 profiles on the mobile leaf rail

Aplicação superior e inferior da Junta tapa canal no rail vazio
Upper and lower application of the channel cover joint on the empty rail

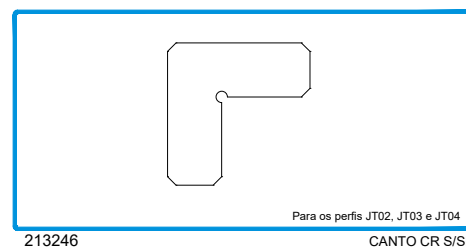
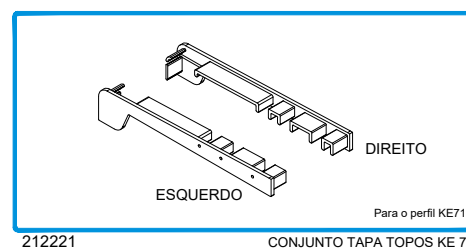
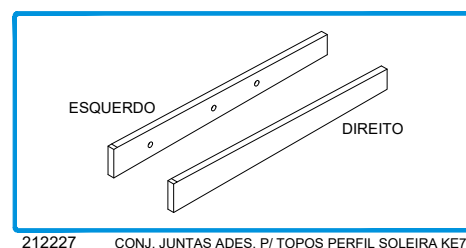
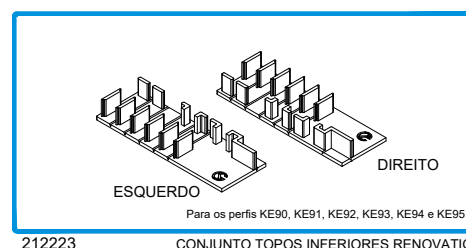
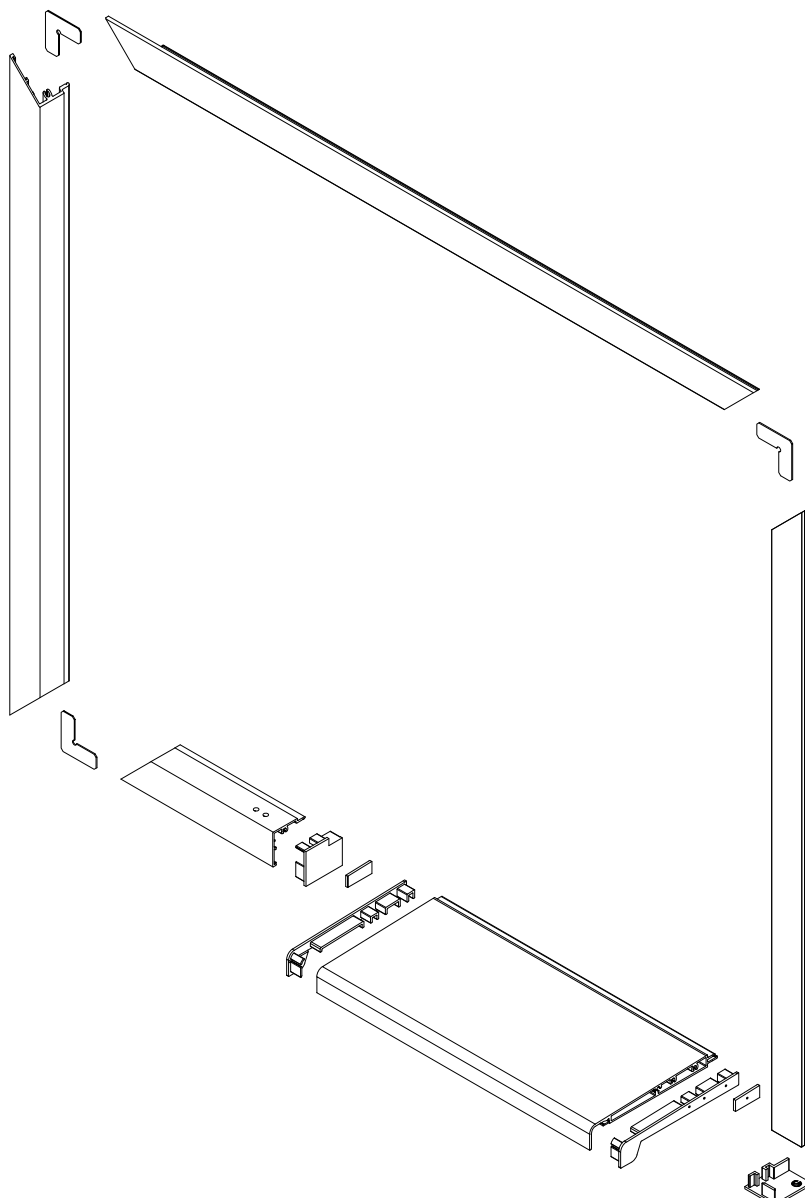
MONTAGEM DE AROS FIXOS FIXED FRAMES ASSEMBLY

18 - Tipologia de embutir. Hidden sliding typology.

18.2 - Medidas de corte e maquinações dos perfis KE90 horizontais. Cutting measures and machining for KE90 horizontal profiles.



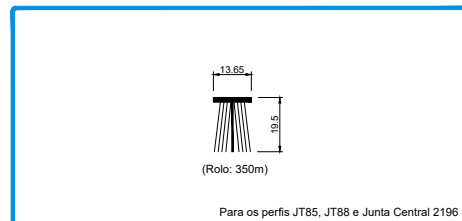
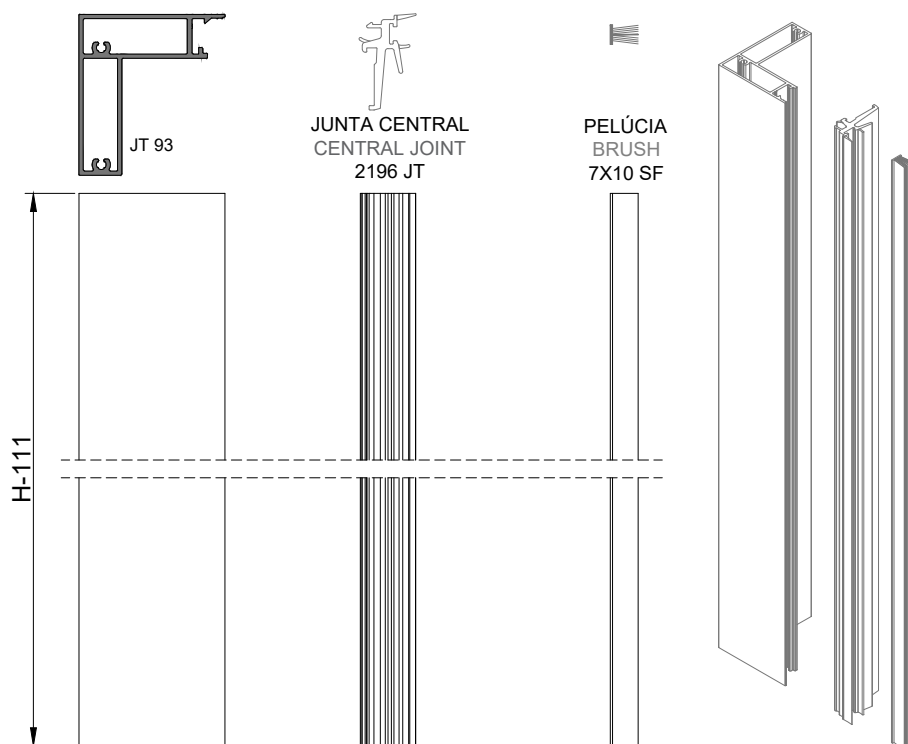
18.3 - Esquema de aplicação de acessórios para perfis KE71 e KE90. Application detail of accessories for KE71 and KE90 profiles.



MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

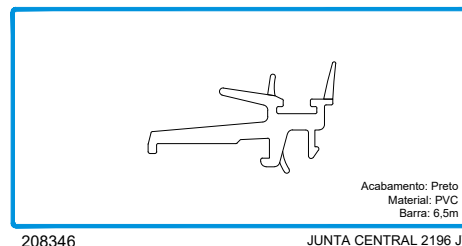
18 - Tipologia de embutir.
Hidden sliding typology.

18.4 - Medidas de corte do perfil JT93 e aplicação da junta central e pelúcia.
JT93 profile cutting measures and central joint and brush applying.



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208304

PELÚCIA 7x10 STOP-FIN Cinza
PELÚCIA 7x10 STOP-FIN Preta



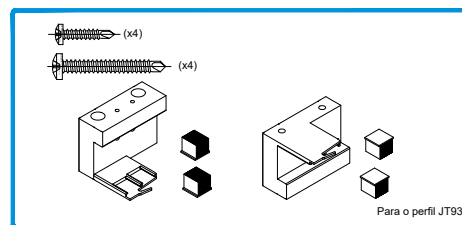
208346

18.5 - Aplicação de acessórios no perfil JT93.
Application of accessories in the JT93 profile.

PASSO | STEP 1:
Aplicar cola nas extremidades do perfil
Apply glue to the ends of the profile

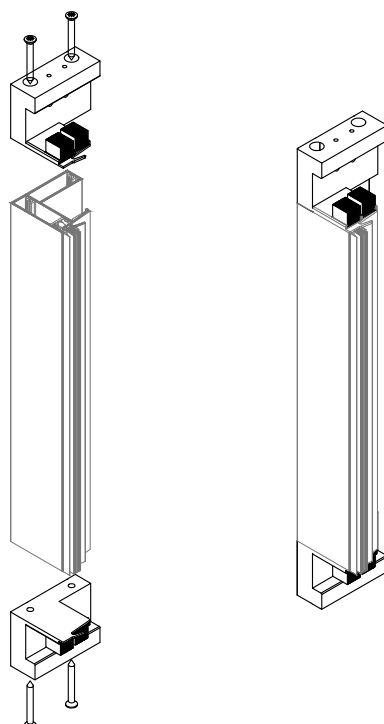
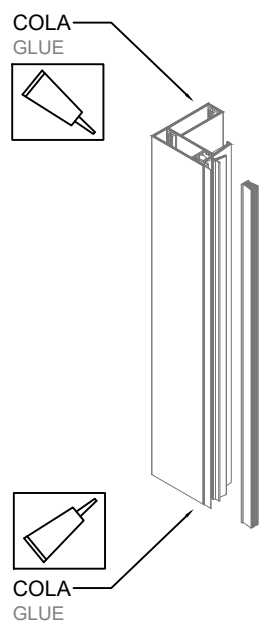
PASSO | STEP 2:
Colocar os topos e aguardar que colem
Place the end-caps and wait for them to stick

PASSO | STEP 3:
Aparafusar os topos ao perfil
Screw the end-caps to the profile



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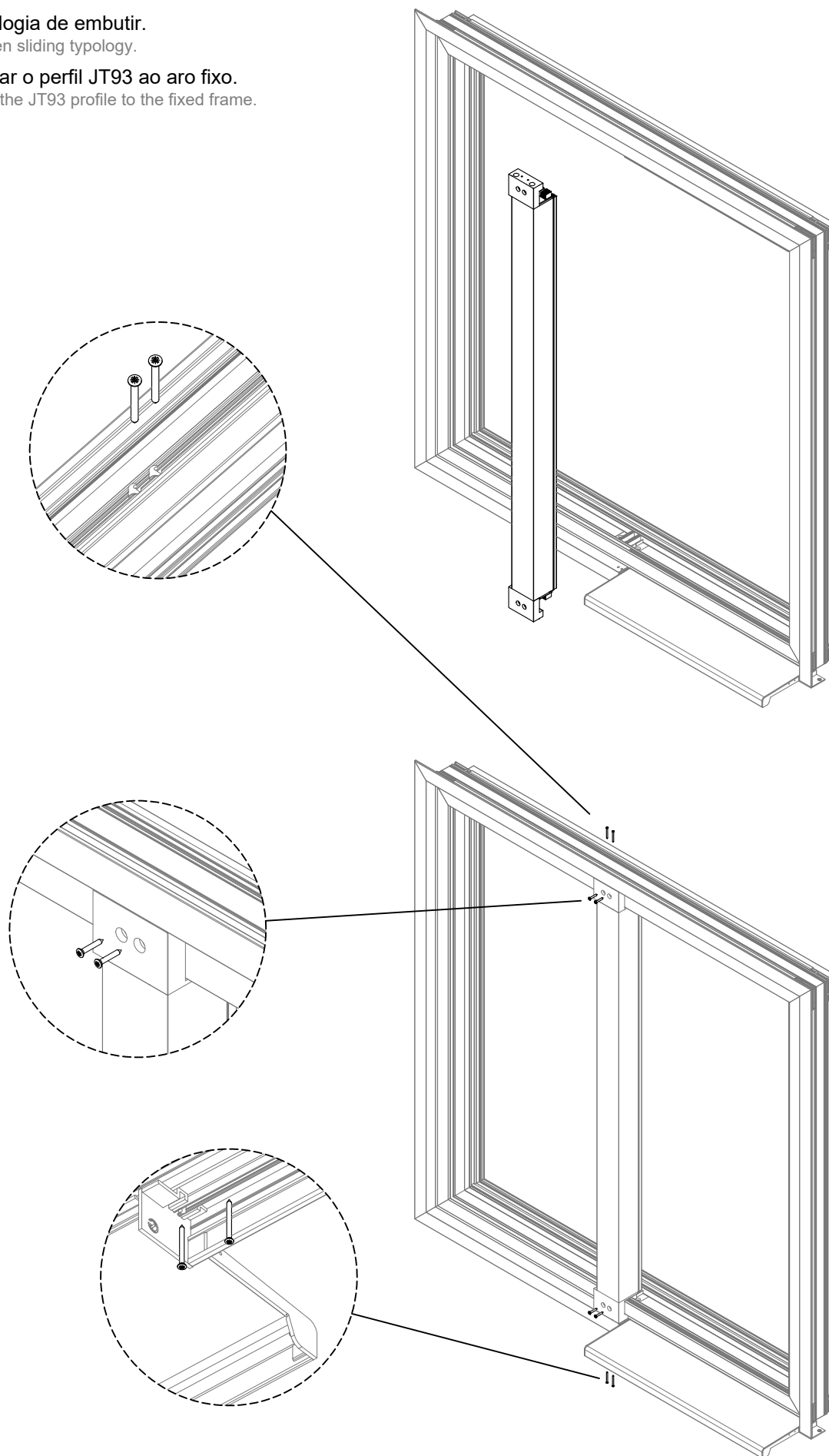
CONJ. TOPOS JT93



MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

18 - Tipologia de embutir.
Hidden sliding typology.

18.6 - Fixar o perfil JT93 ao aro fixo.
Fix the JT93 profile to the fixed frame.



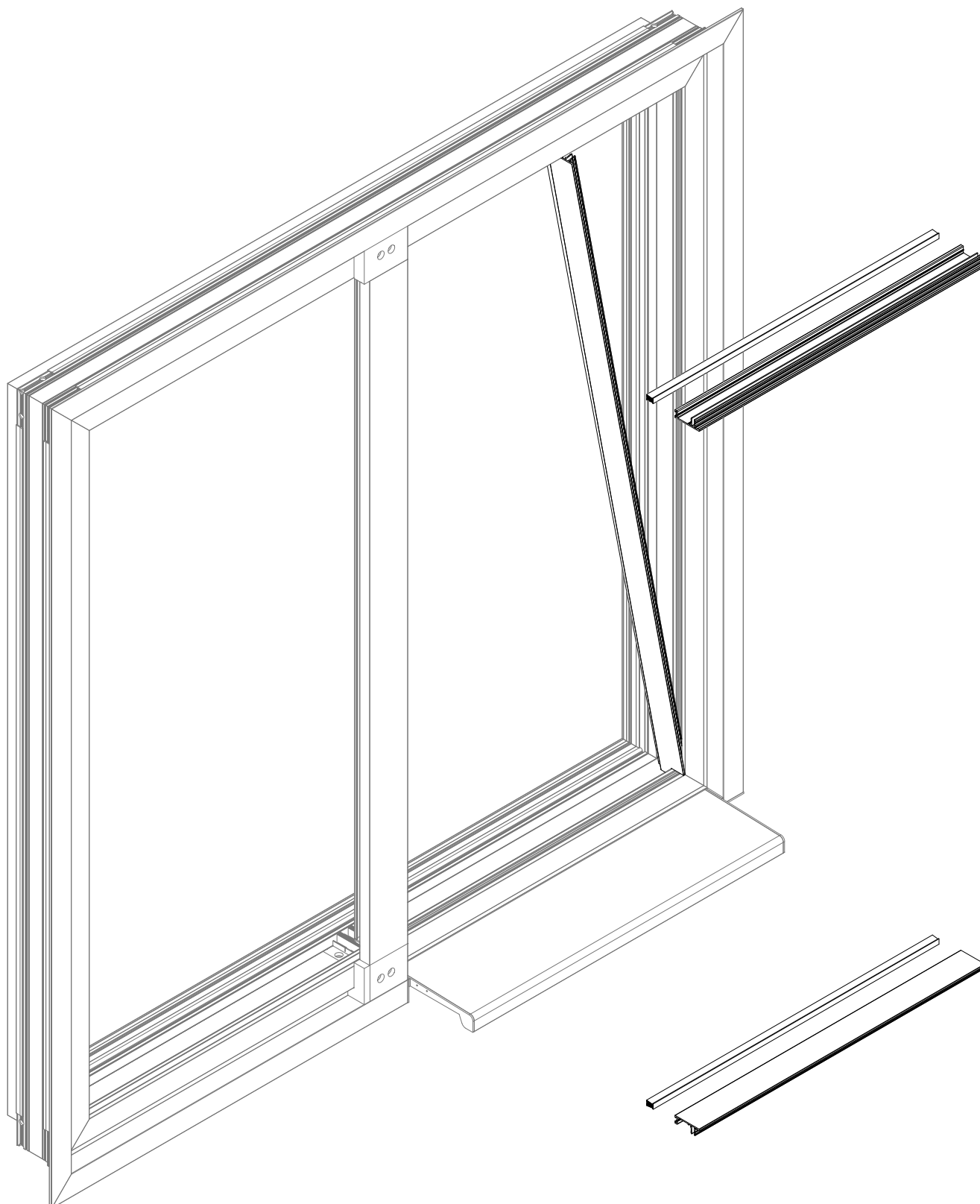
MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

18 - Tipologia de embutir.
Hidden sliding typology.

18.7 - Aplicar os perfis JT85.
JT85 profile applying.

IMPORTANTE | IMPORTANT:

As pelúcias já deverão estar colocadas nos perfis JT85 antes da sua aplicação e deverão ser aplicadas primeiro as alturas e só depois as larguras.
The brushes must already be placed on the JT85 profiles before application and the heights must be applied first and only then the widths.

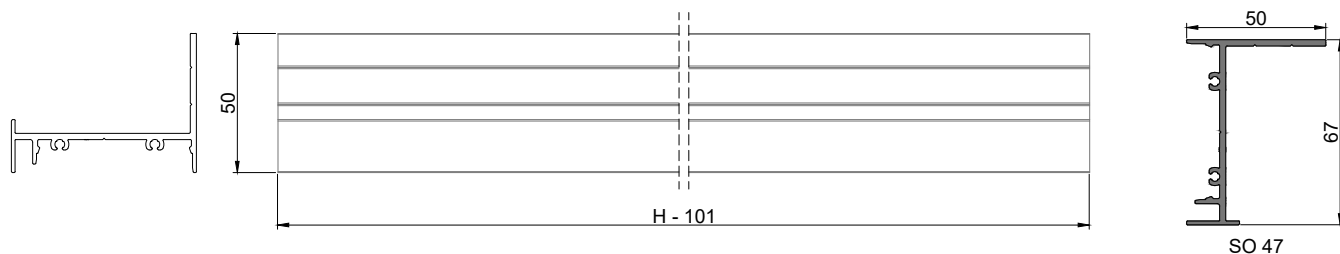
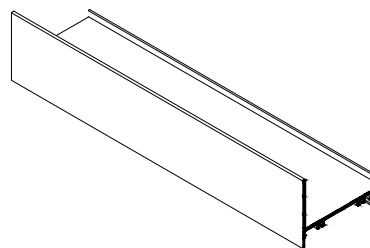
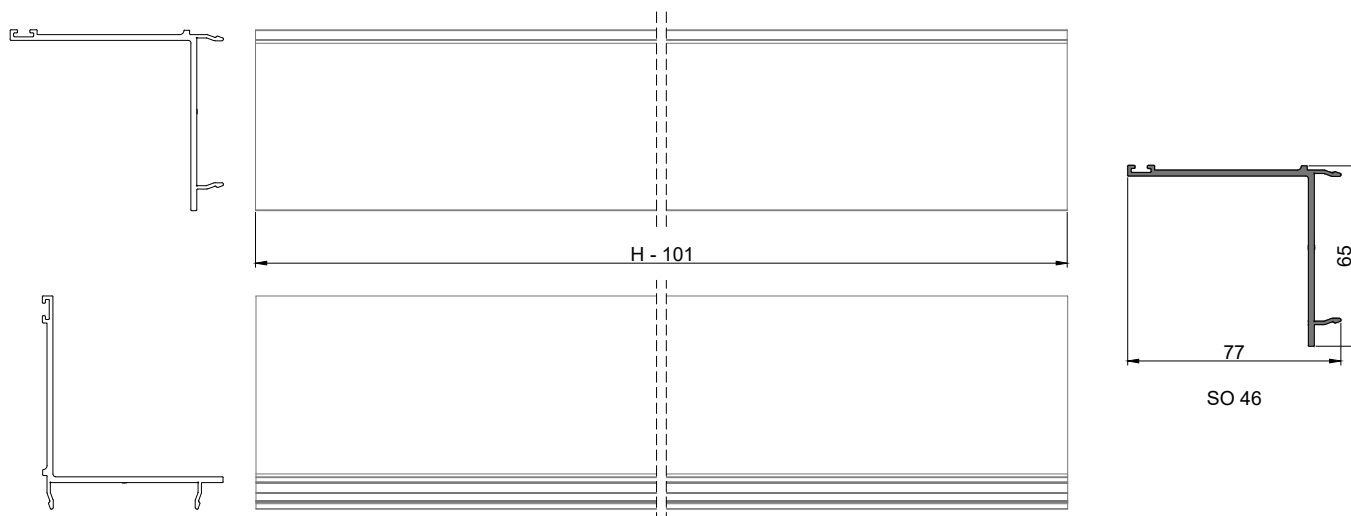
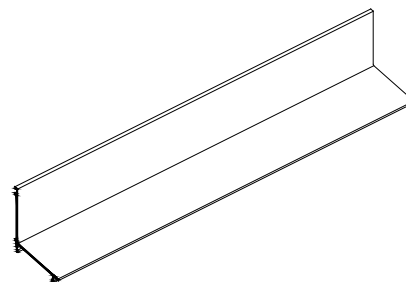


MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

18 - Tipologia de embutir.
Hidden sliding typology.

18.8 - Corte e fresagem dos perfis de remate SO46 e SO47.
SO46 and SO47 finishing profiles cutting and milling.

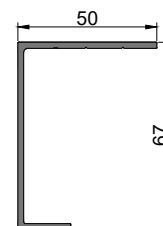
IMPORTANTE | IMPORTANT:
As medidas de corte podem variar com a tipologia do vão.
The cutting measures may vary according to the typology of the frame.



MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

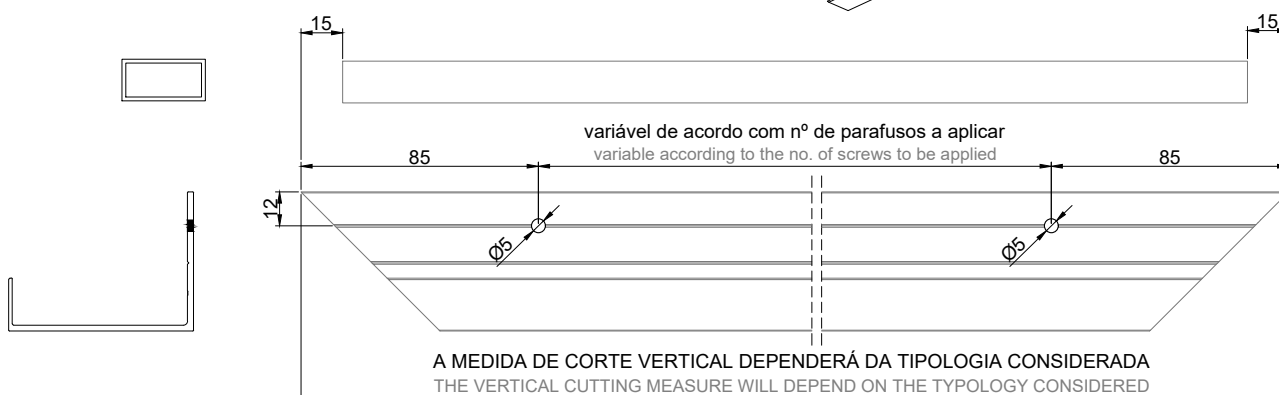
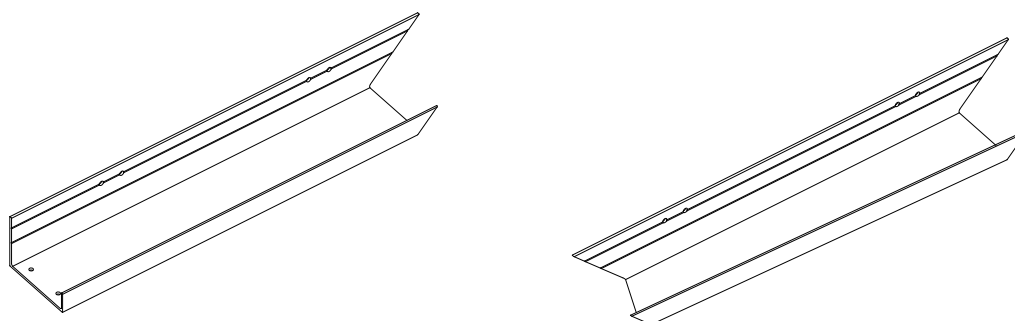
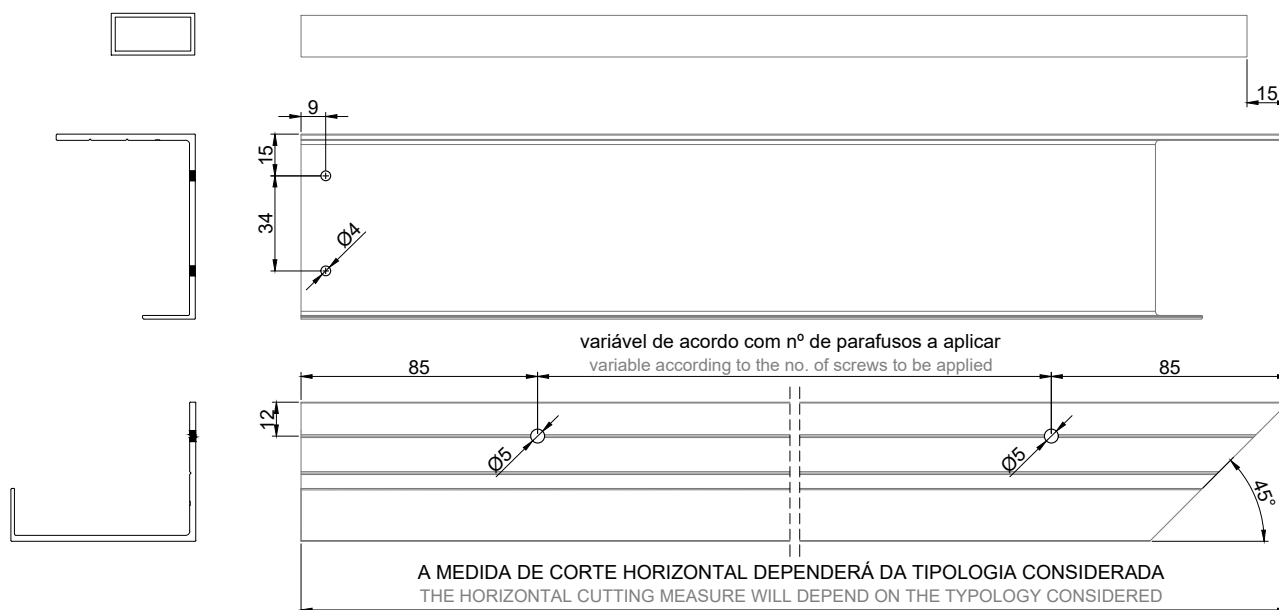
18 - Tipologia de embutir.
Hidden sliding typology.

18.9 - Corte e fresagem dos perfis de remate KP32 e SO48.
KP32 and SO48 finishing profiles cutting and milling.



SO 48

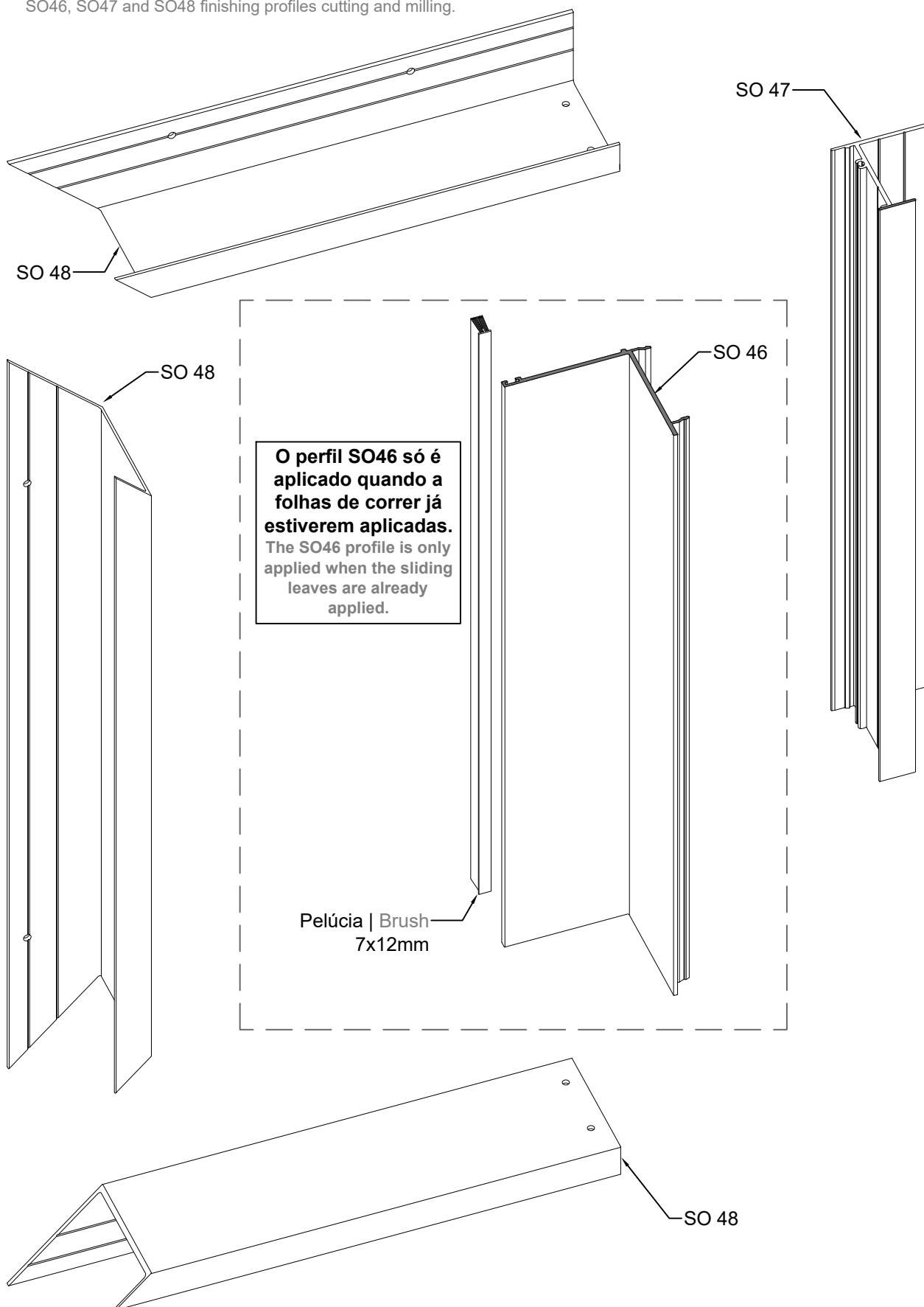
IMPORTANTE | IMPORTANT:
As medidas de corte podem variar com a tipologia do vão.
The cutting measures may vary according to the typology of the frame.



MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

18 - Tipologia de embutir.
Hidden sliding typology.

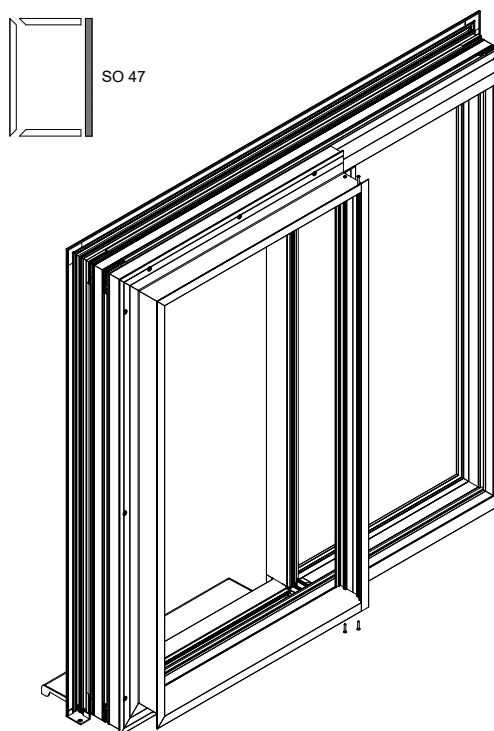
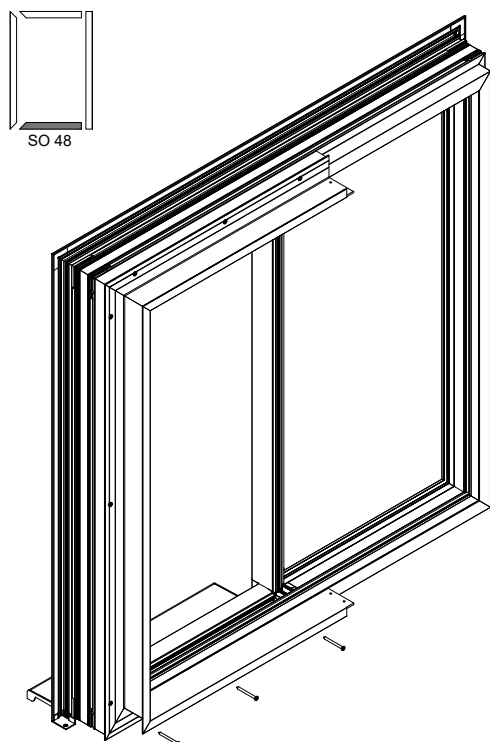
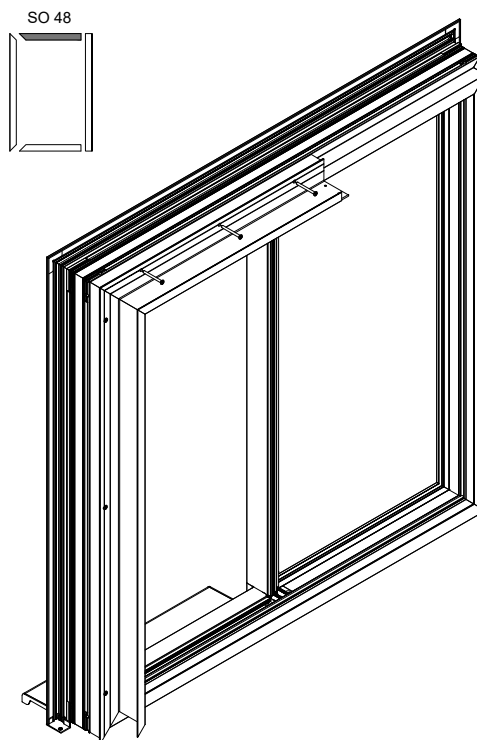
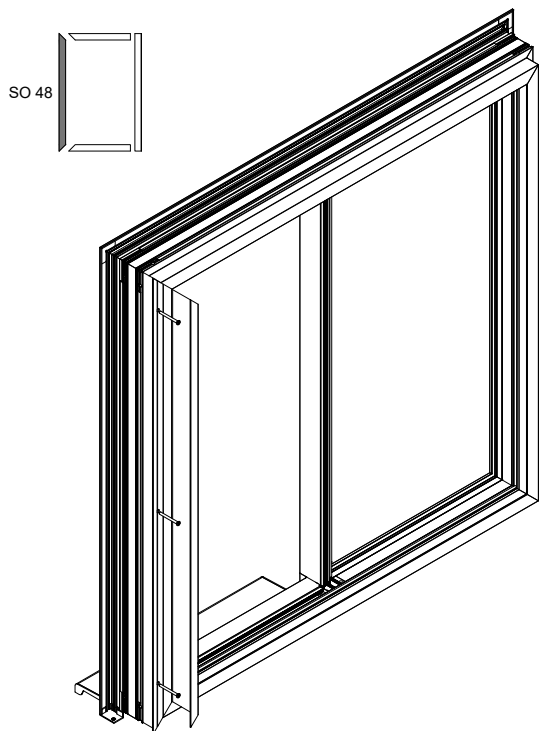
18.10 - Corte e fresagem dos perfis de remate SO46, SO47 e SO48.
SO46, SO47 and SO48 finishing profiles cutting and milling.



MONTAGEM DE AROS FIXOS
FIXED FRAMES ASSEMBLY

18 - Tipologia de embutir.
Hidden sliding typology.

18.11 - Aplicar e fixar os perfis SO47 e SO48.
Apply and fix the SO47 and SO48 profiles.



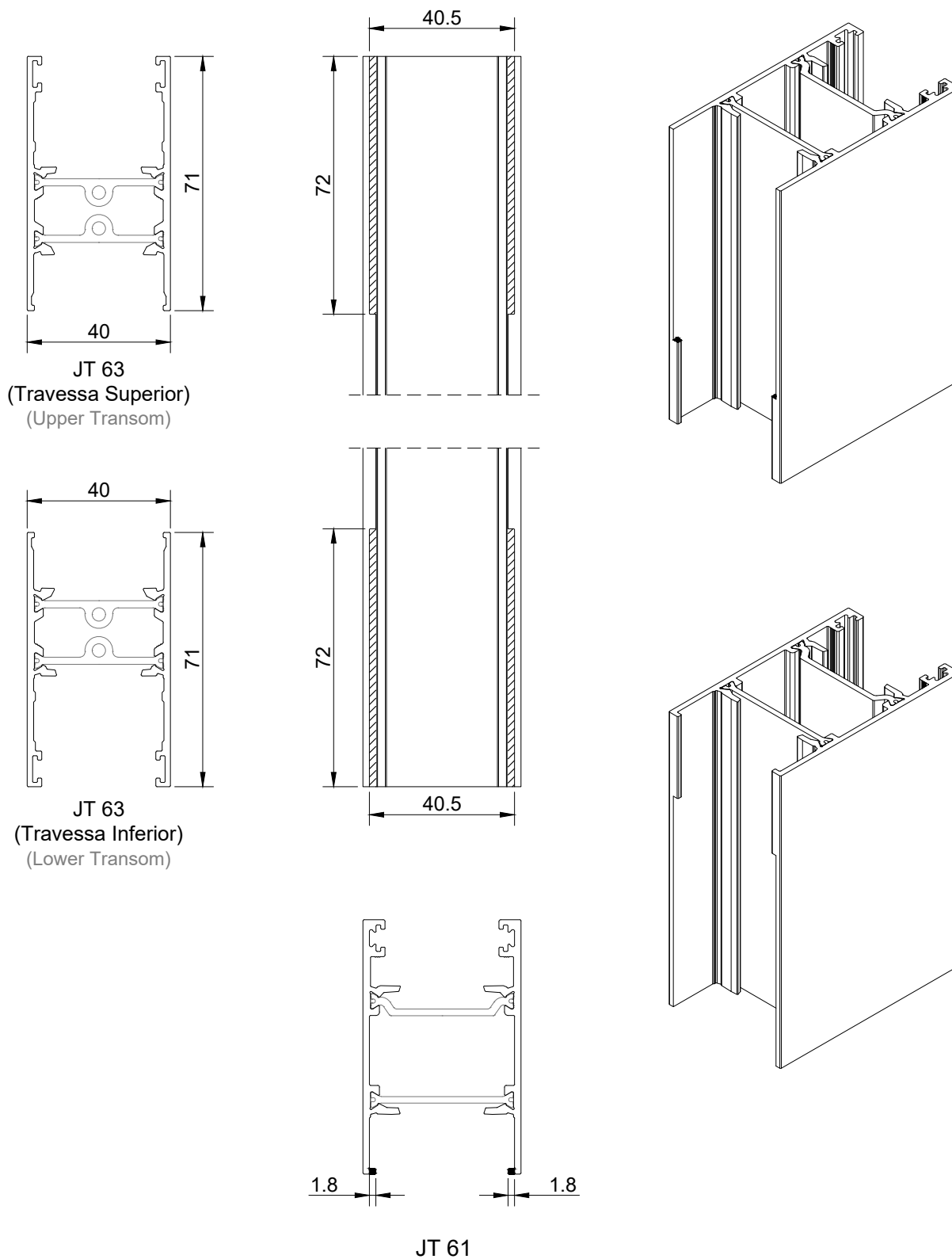
MAQUINAÇÃO DOS PERFIS ARO MÓVEL
MOBILE FRAME PROFILES MACHINING

MAQUINAÇÃO DOS PERFIS ARO MÓVEL

MOBILE FRAME PROFILES MACHINING

1 - Fresagem do perfil JT61 para colocação das travessas superior e inferior JT63.

JT61 profile milling for placing the upper and lower JT63 transoms.

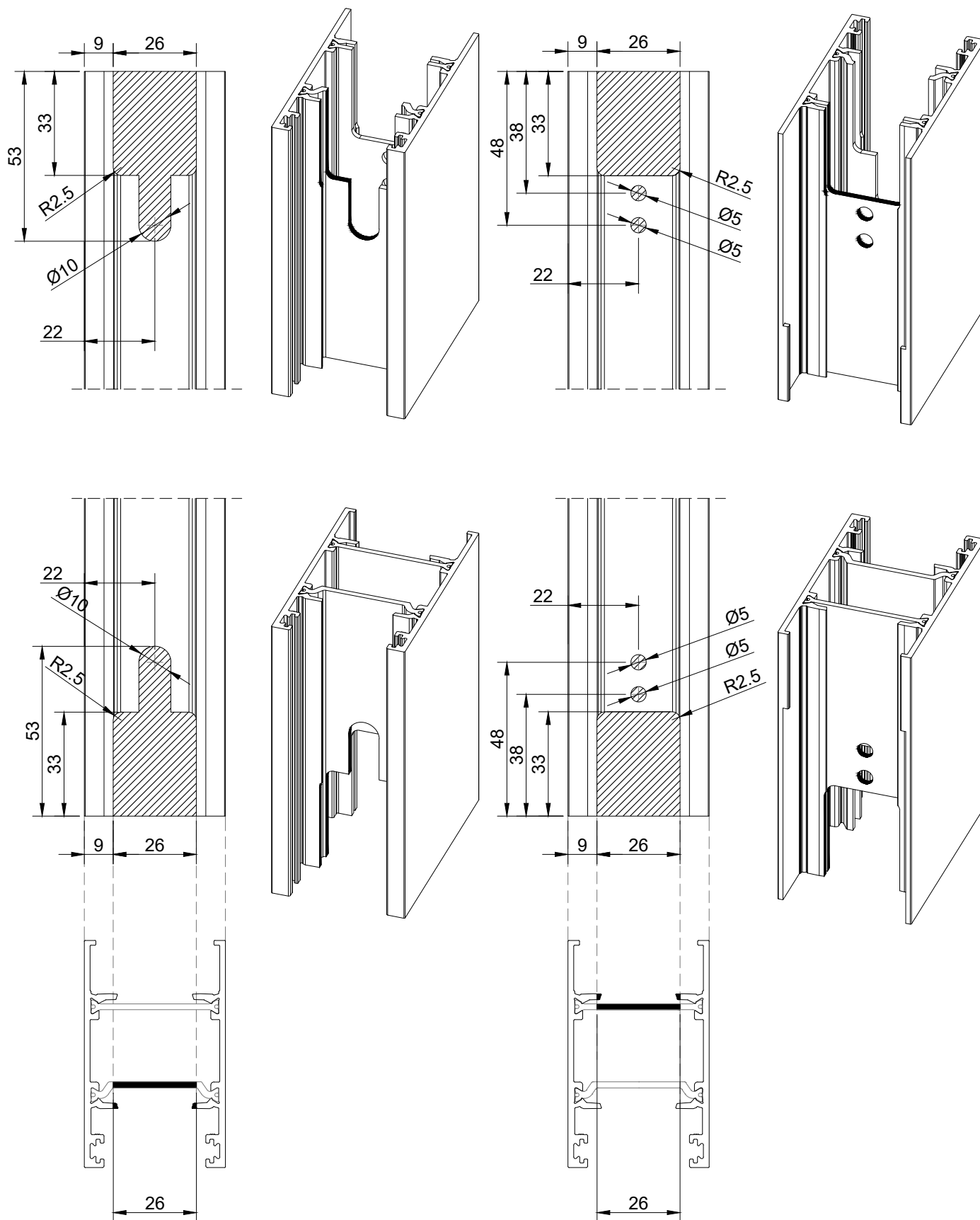


MAQUINAÇÃO DOS PERFIS ARO MÓVEL

MOBILE FRAME PROFILES MACHINING

2 - Fresagem do perfil JT61 para colocação dos topos laterais inferiores e superiores.

JT61 profile milling for placing the lateral upper and lower end-caps.



MAQUINAÇÃO DOS PERFIS ARO MÓVEL

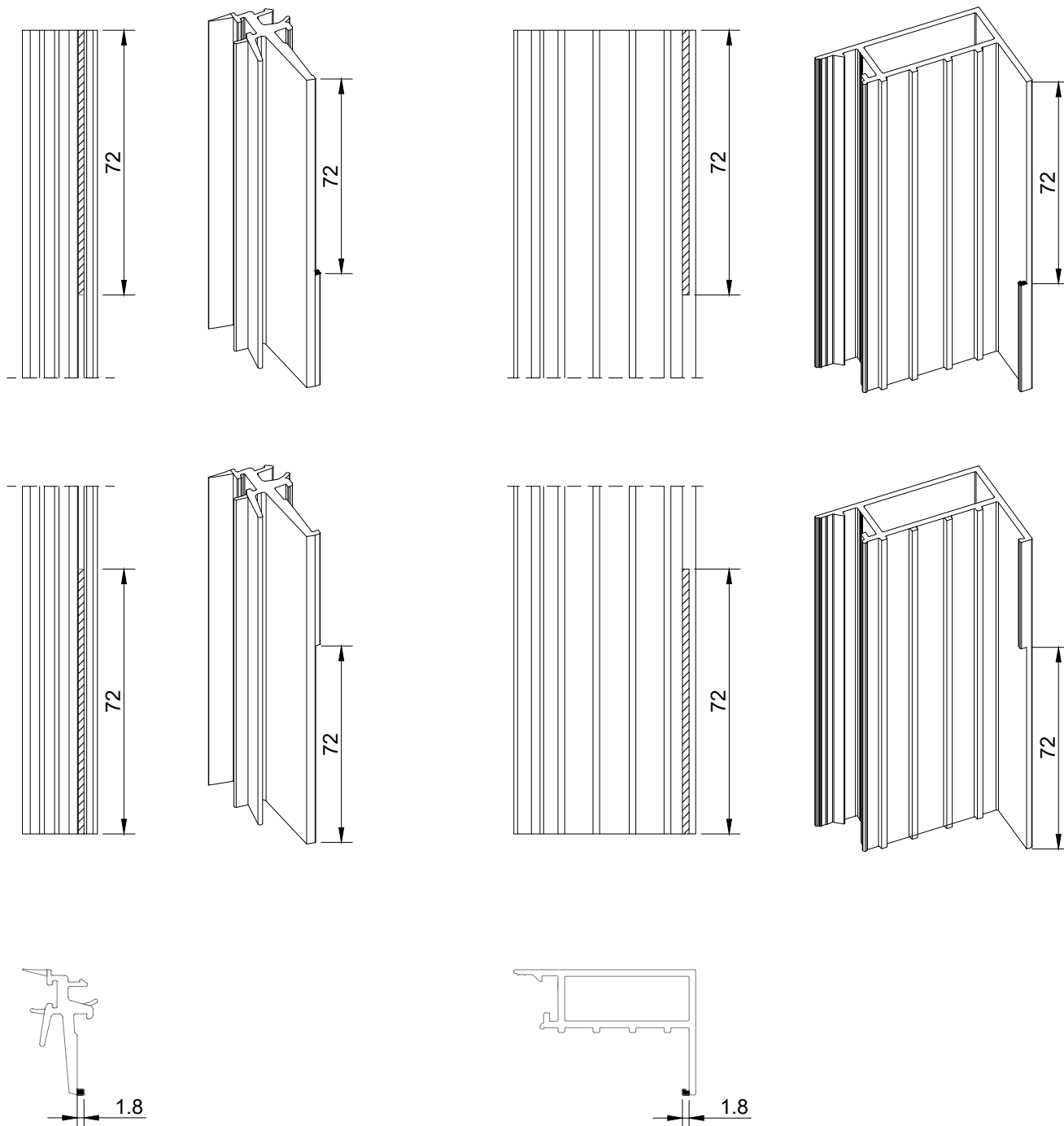
MOBILE FRAME PROFILES MACHINING

3 - Fresagem do perfil e junta central para colocação das travessas JT63.

Seguir este procedimento em todos os perfis centrais.

Central profile and joint milling for placing the JT63 transoms.

Follow this procedure in all central profiles.



JUNTA CENTRAL
CENTRAL JOINT
2196 JT

JT 51

MAQUINAÇÃO DOS PERFIS ARO MÓVEL

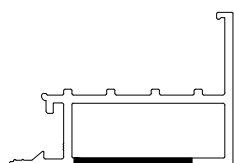
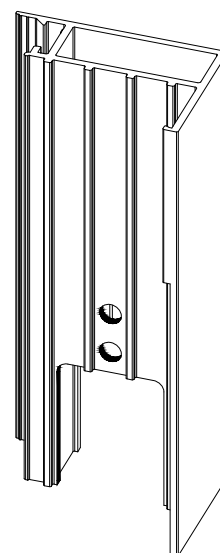
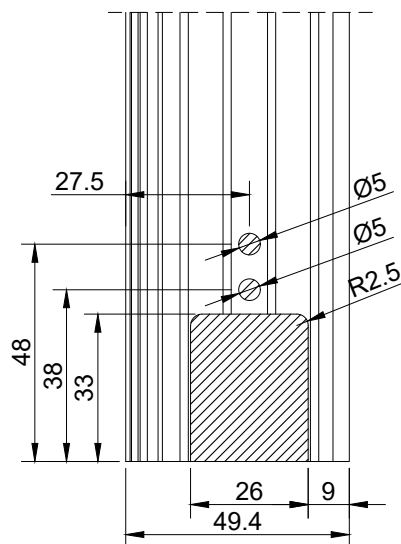
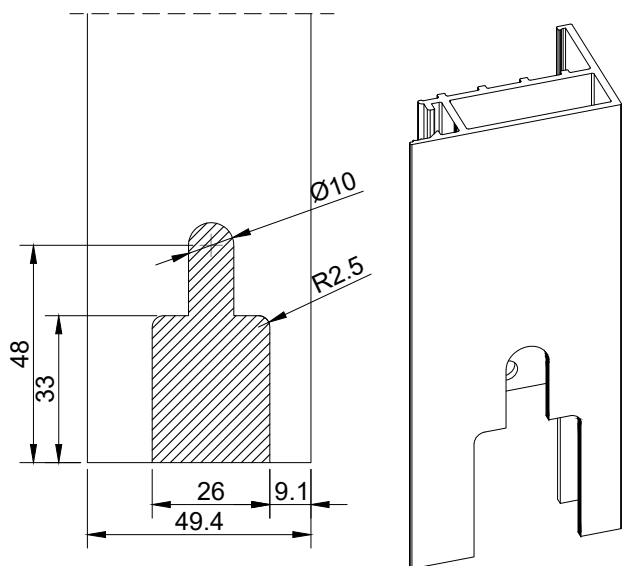
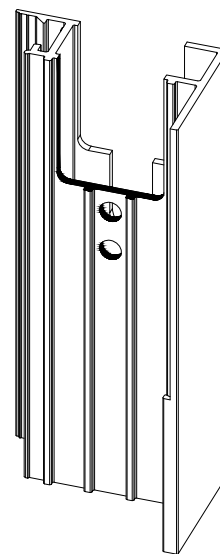
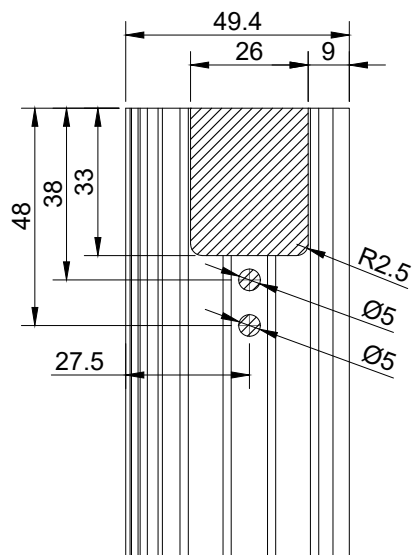
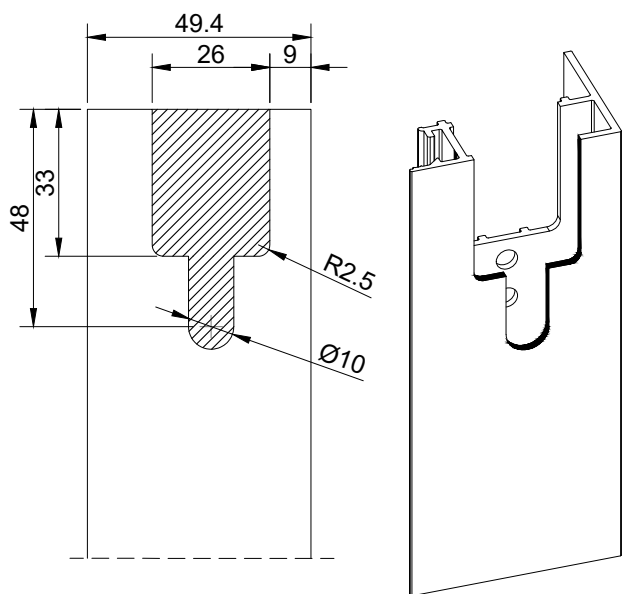
MOBILE FRAME PROFILES MACHINING

4 - Fresagem do perfil central para colocação dos topos centrais superiores e inferiores.

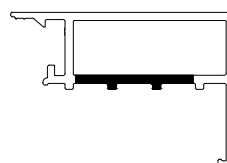
Seguir este procedimento em todos os perfis centrais.

Central profile milling for placing the central upper and lower end-caps.

Follow this procedure in all central profiles.



JT 51



JT 51

MAQUINAÇÃO DOS PERFIS ARO MÓVEL

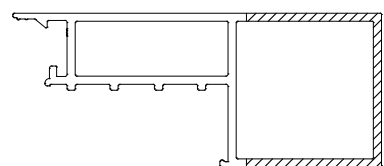
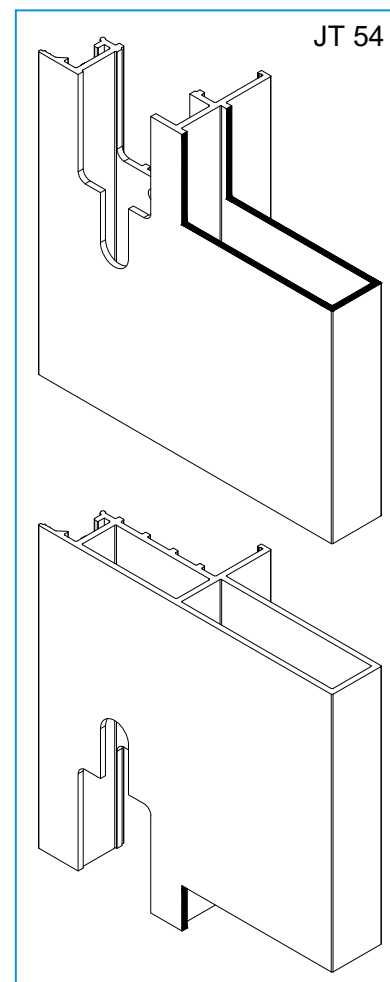
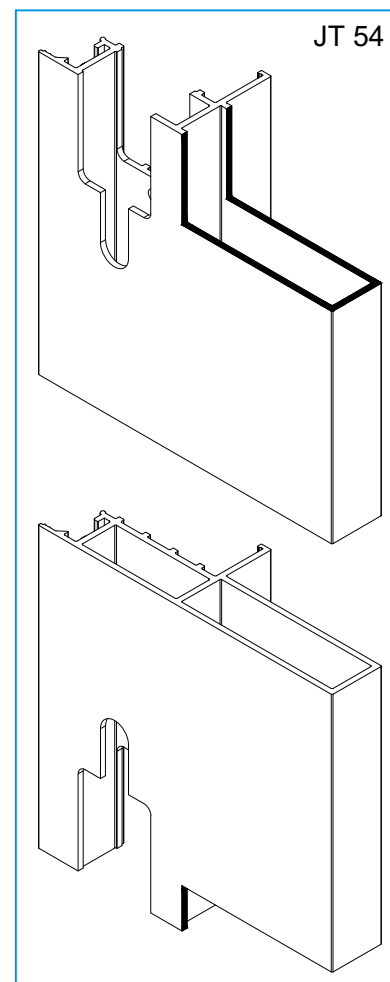
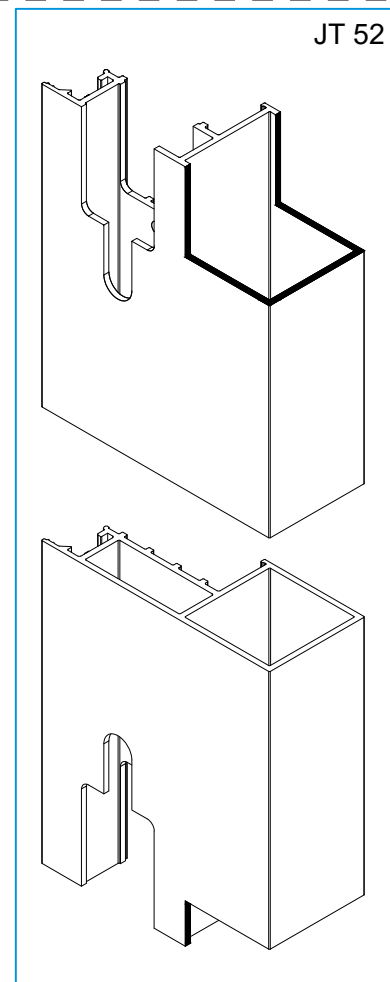
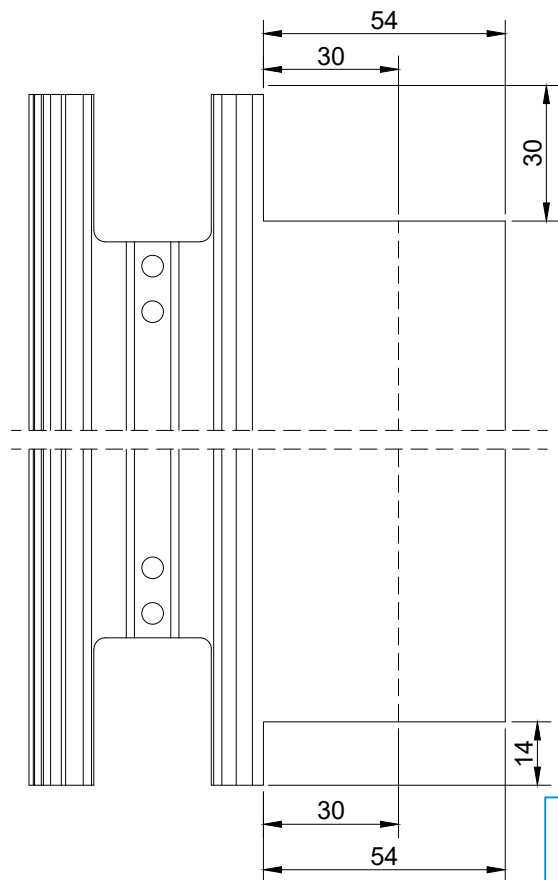
MOBILE FRAME PROFILES MACHINING

5 - Fresagem dos perfis centrais de reforço.

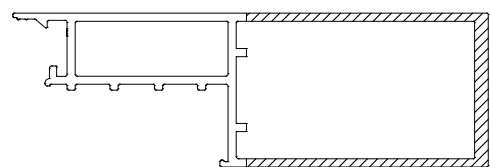
Seguir este procedimento em todos os perfis centrais.

Reinforcement central profile milling.

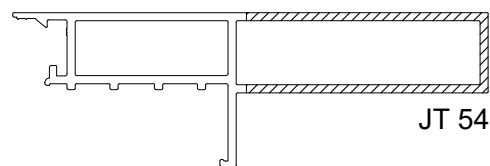
Follow this procedure in all central profiles.



JT 52



JT 53



JT 54

MAQUINAÇÃO DOS PERFIS ARO MÓVEL

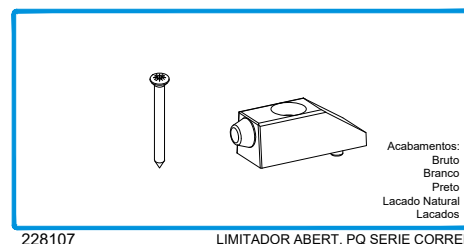
MOBILE FRAME PROFILES MACHINING

6 - Aplicação do limitador de abertura na travessa inferior JT63.

Buffer application on the lower transom JT63.

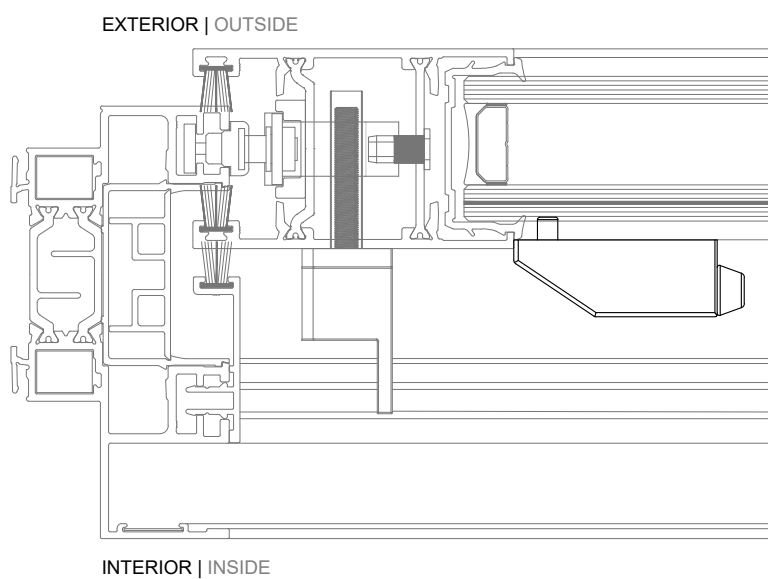
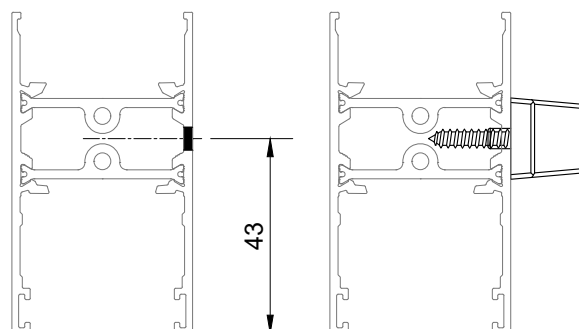
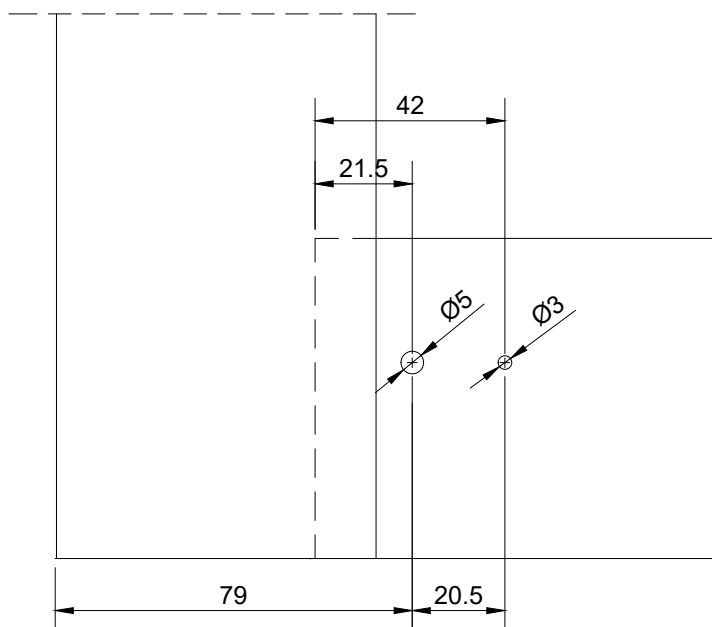
6.1 - Furação para a fixação do limitador de abertura.

Drilling for fixing the buffer.



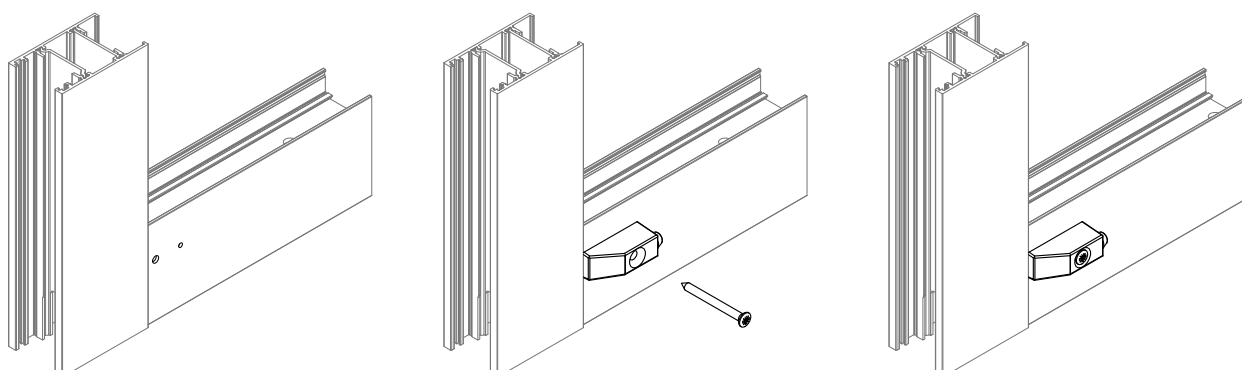
228107

LIMITADOR ABERT. PQ SERIE CORRER



6.2 - Para fixar o limitador de abertura à travessa, deverá fazer 2 furos, um de Ø5mm e outro de Ø3mm, às distâncias recomendadas e depois aparafusá-lo.

To fix the buffer to the transom, you must drill 2 holes, one with Ø5mm and other with Ø3mm, at the recommended distances and then screw it.



MAQUINAÇÃO DOS PERFIS ARO MÓVEL

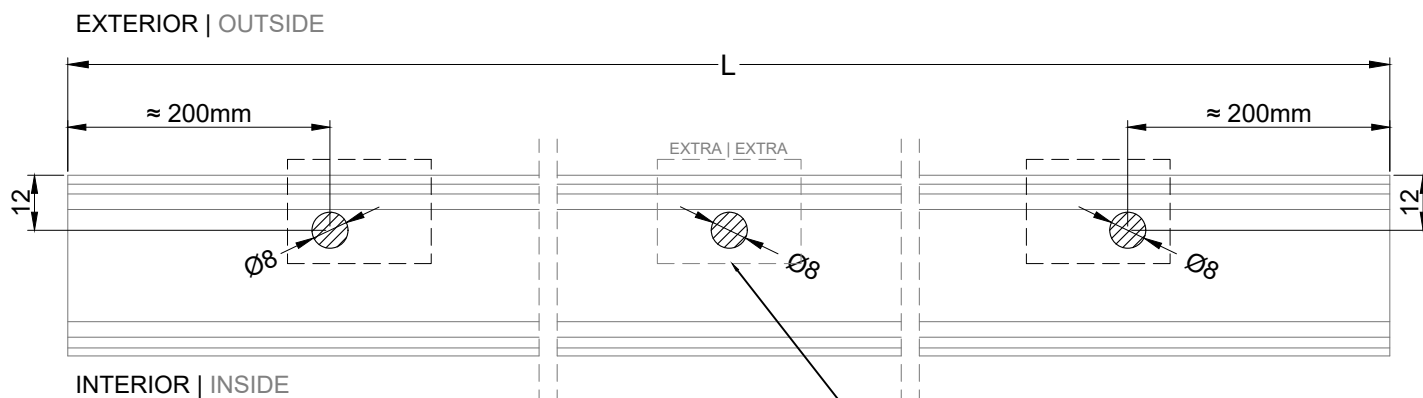
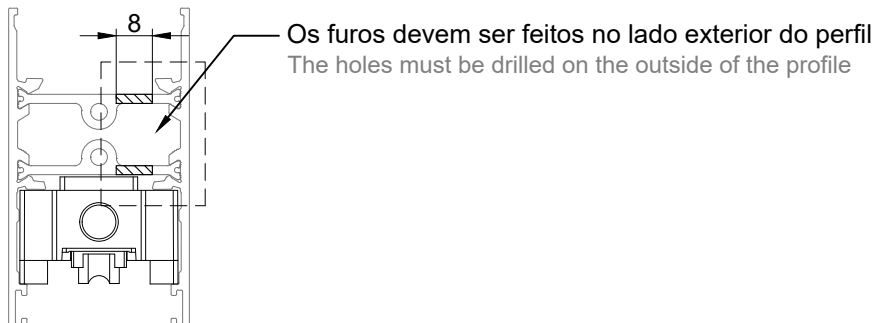
MOBILE FRAME PROFILES MACHINING

7 - Furação para drenagens e descompressão e aplicação dos carrinhos.

Drainage and decompression drilling and rollers application.

7.1 - Travessa Inferior.

Lower Transom.



Se $L \geq 1m$ deverá ser feito um furo adicional ao centro da travessa inferior
If $L \geq 1m$ drill an additional hole in the center of the lower transom

MAQUINAÇÃO DOS PERFIS ARO MÓVEL

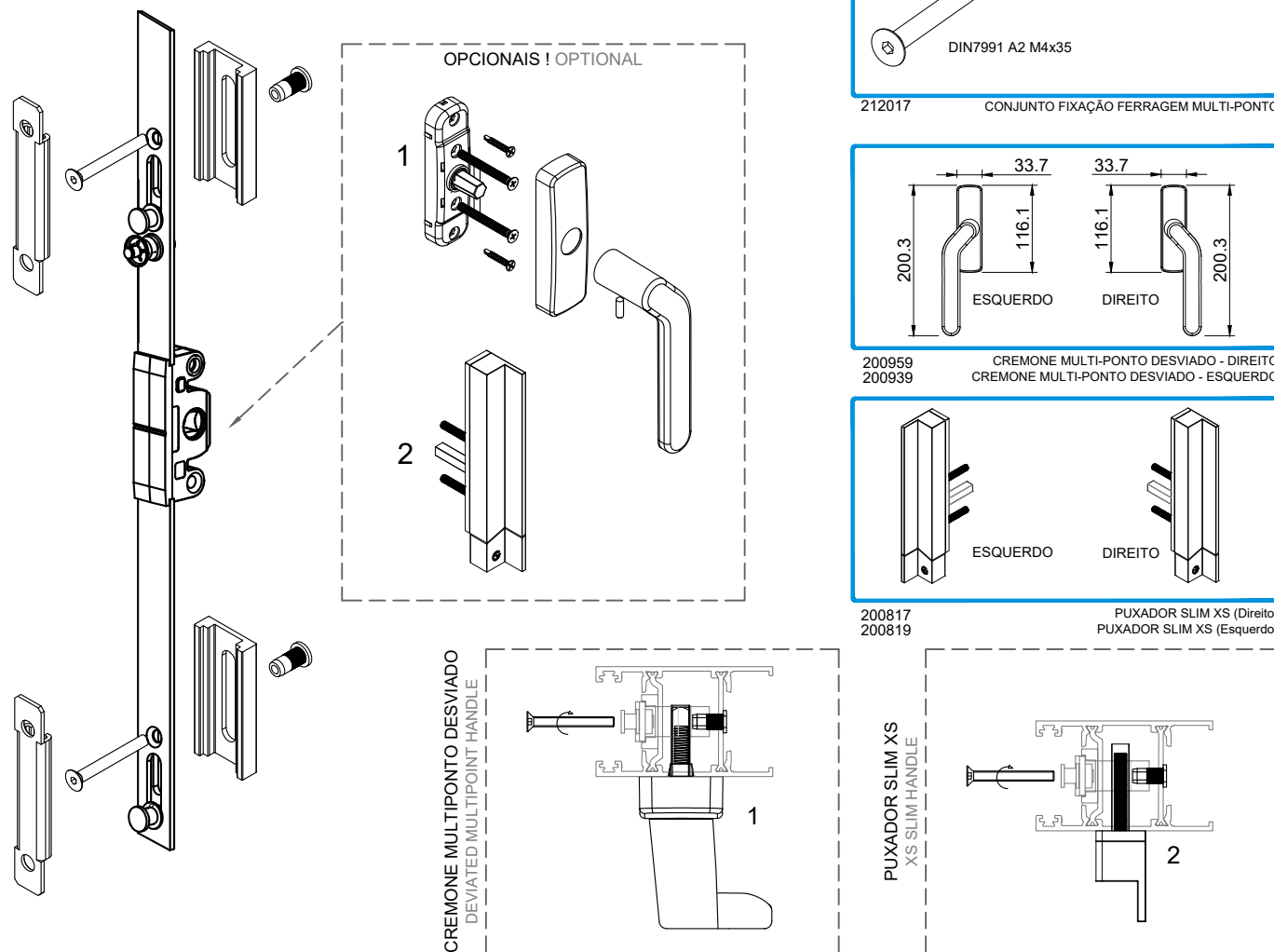
MOBILE FRAMES PROFILES ASSEMBLY

8 - Ferragem Multiponto SOS.

SOS Multipoint Hardware.

8.1 - Esquema de aplicação da Ferragem Multiponto SOS.

SOS Multipoint Hardware application scheme.



8.2 - Altura do furo do cremone no perfil lateral

Handle's hole height in the side profile

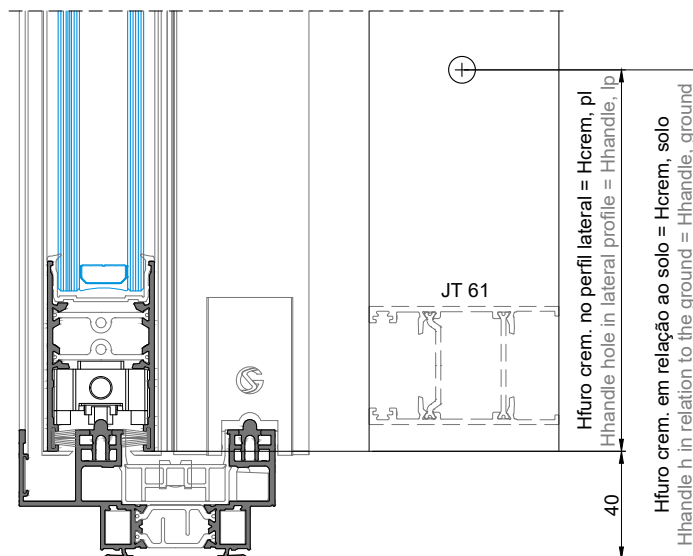
Hcrem, pl = Hcrem, solo - 40mm

Hhandle, lp = Hhandle, ground - 40mm

Exemplo | Example:

Para colocação de um cremone a 1000mm relativamente ao solo, o furo deverá ser feito no perfil lateral a uma altura de $1000 - 40 = 960\text{mm}$.

To place a handle at 1000mm in relation to the ground, the hole must be done at $1000 - 40 = 960\text{mm}$ height in the lateral profile.



MAQUINAÇÃO DOS PERFIS ARO MÓVEL

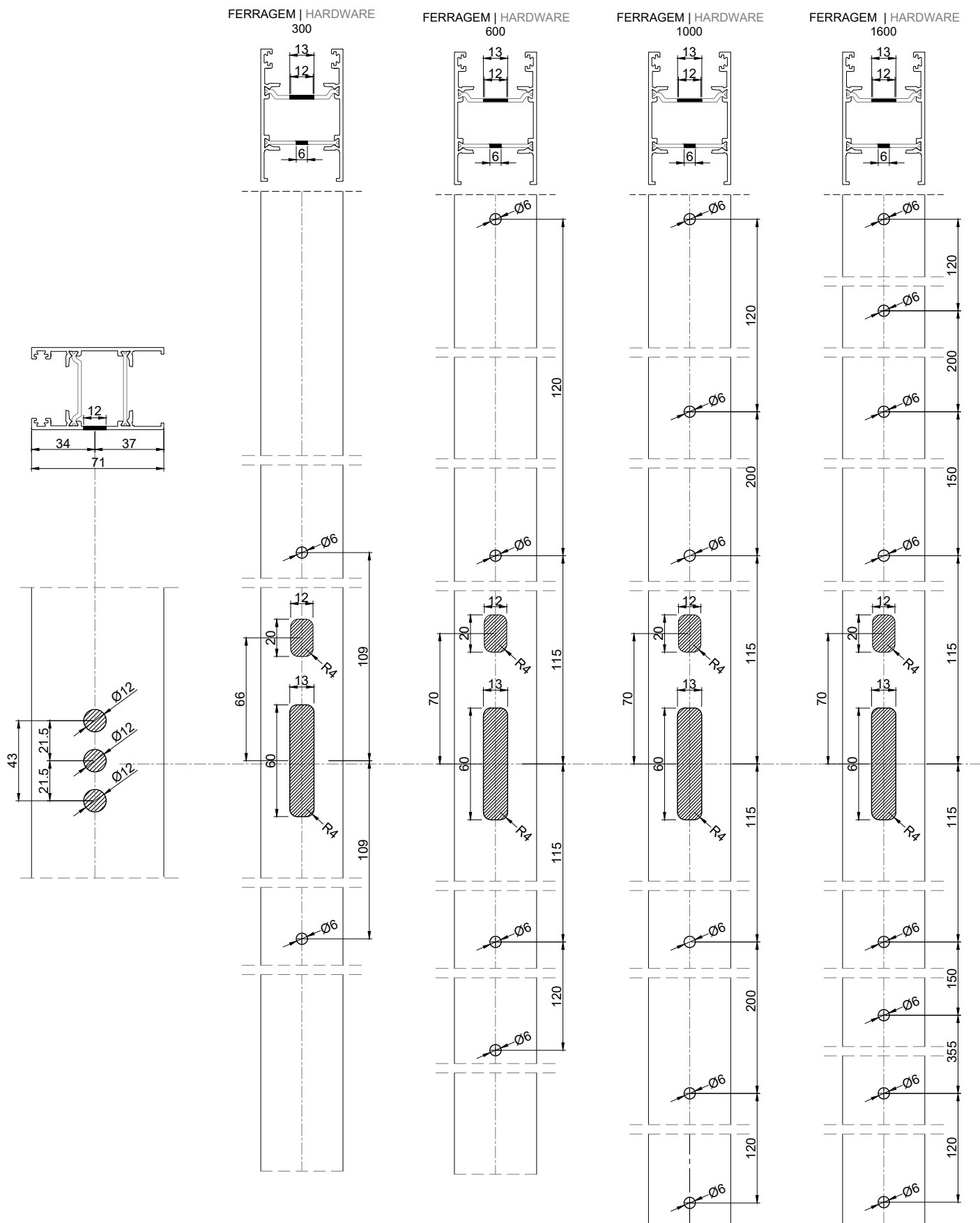
MOBILE FRAMES PROFILES ASSEMBLY

8 - Ferragem Multiponto SOS.

SOS Multipoint Hardware.

8.3 -Maquinação para cremone e Ferragem Multiponto SOS.

Handle and SOS Multipoint Hardware machining.



MAQUINAÇÃO DOS PERFIS ARO MÓVEL

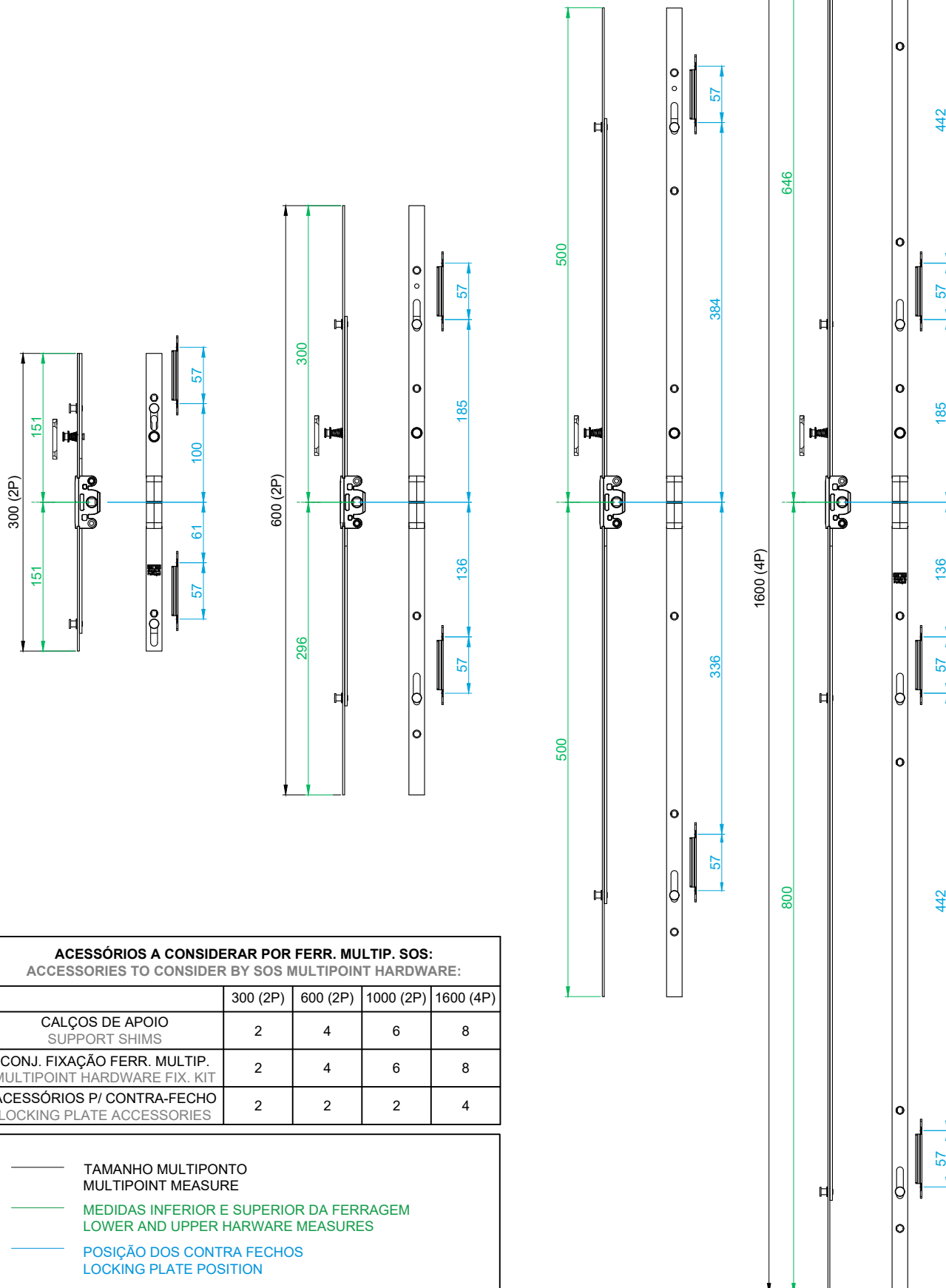
MOBILE FRAMES PROFILES ASSEMBLY

8 - Ferragem Multiponto SOS.

SOS Multipoint Hardware.

8.4 - Medidas das ferragens multi-ponto anti-falsa manobra e posição dos contra-fechos.

Multipoint anti-counterfeit hardware measures and position of locking plates.



ACESSÓRIOS A CONSIDERAR POR FERR. MULTIP. SOS: ACCESSORIES TO CONSIDER BY SOS MULTIPOINT HARDWARE:

	300 (2P)	600 (2P)	1000 (2P)	1600 (4P)
CALÇOS DE APOIO SUPPORT SHIMS	2	4	6	8
CONJ. FIXAÇÃO FERR. MULTIP. MULTIPOINT HARDWARE FIX. KIT	2	4	6	8
ACESSÓRIOS P/ CONTRA-FECHO LOCKING PLATE ACCESSORIES	2	2	2	4

- TAMANHO MULTIPONTO
MULTIPOINT MEASURE
- MEDIDAS INFERIOR E SUPERIOR DA FERRAGEM
LOWER AND UPPER HARDWARE MEASURES
- POSIÇÃO DOS CONTRA FECHOS
LOCKING PLATE POSITION

MAQUINAÇÃO DOS PERFIS ARO MÓVEL

MOBILE FRAMES PROFILES ASSEMBLY

8 - Ferragem Multiponto SOS.

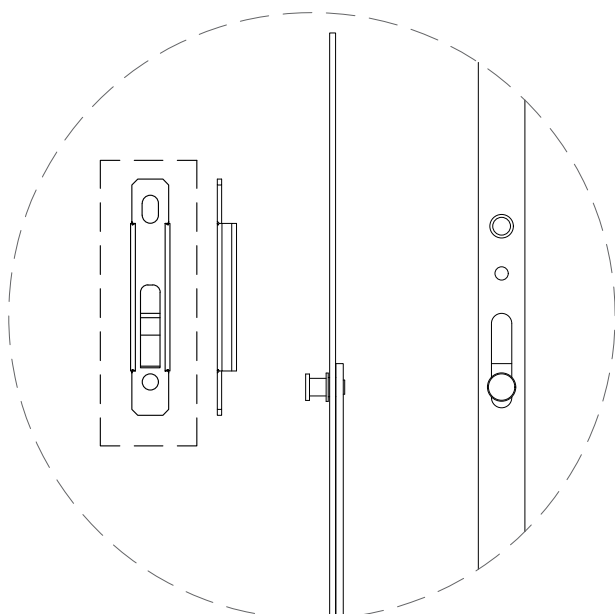
SOS Multipoint Hardware.

8.5 - Características dos pontos de fecho e batente anti-falsa manobra.

Locking points and anti-false maneuver stopper characteristics.

PONTO DE FECHO SUPERIOR

TOP LOCKING POINT



CONTRA-FECHO COM FUNÇÃO ANTI-LEVANTAMENTO

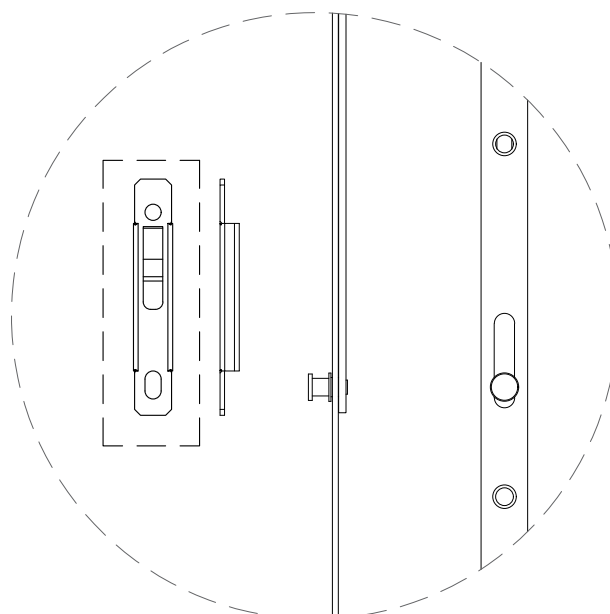
(Rampa na zona inferior do contra-fecho)

LOCKING PLATE WITH ANTI-LEAF FUNCTION

(Ramp in the lower zone of the locking plate)

PONTO DE FECHO CENTRAL OU INFERIOR

CENTRAL OR BOTTOM LOCKING POINT



CONTRA-FECHOS SEM FUNÇÃO DE ANTI-LEVANTAMENTO

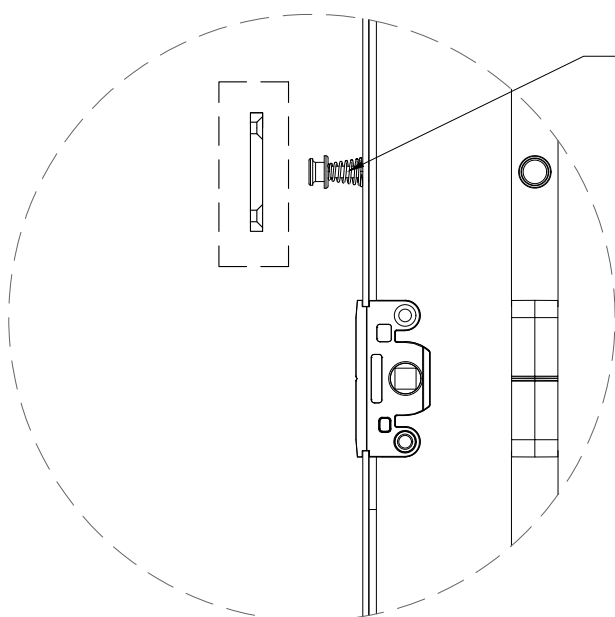
(Rampas nas zonas superiores dos contra-fechos)

LOCKING PLATE WITHOUT ANTI-LEAF FUNCTION

(Ramps in the lower zones of the locking plate)

JUNTO AO BATENTE DE ANTI-FALSA MANOBRA

AT THE ANTI-FALSE MANEUVER STOPPER



Anti-falsa manobra de extração simples com a utilização de um alicate.

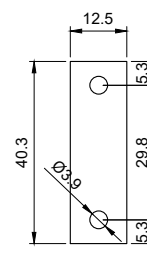
Evita-se duplicação de stock.

Simple extraction anti-false maneuver with the use of a pliers.

It avoids duplication of stock.

BATENTE DE ANTI-FALSA MANOBRA

ANTI-FALSE MANEUVER STOPPER



Material: PVC Rígido
Material: Rigid PVC

Acabamento: Preto
Finishing: Black

Fixar com paraf. DIN 7991 auto-roscante M4
Secure with DIN 7991 self-tapping screws M4

APLICAÇÃO DO BATENTE P/ MECANISMO ANTI-FALSA MANOBRA
(Este acessório é entregue em conjunto com a ferragem e deverá ser aplicado no aro fixo para evitar danos nos perfis aquando do fecho da folha móvel)

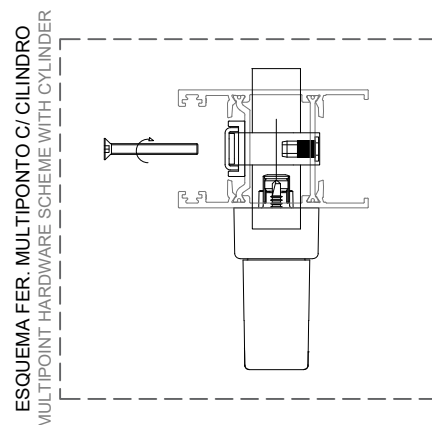
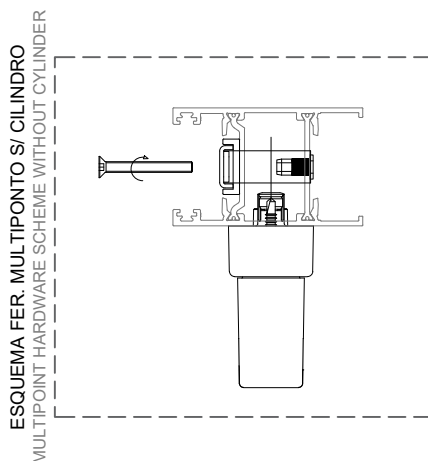
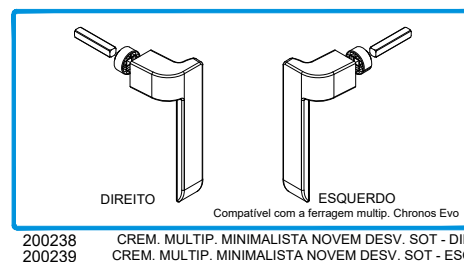
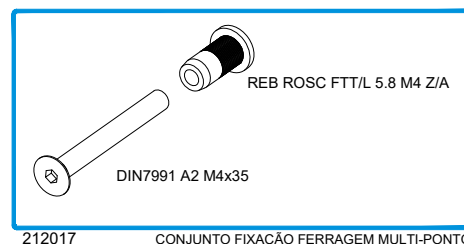
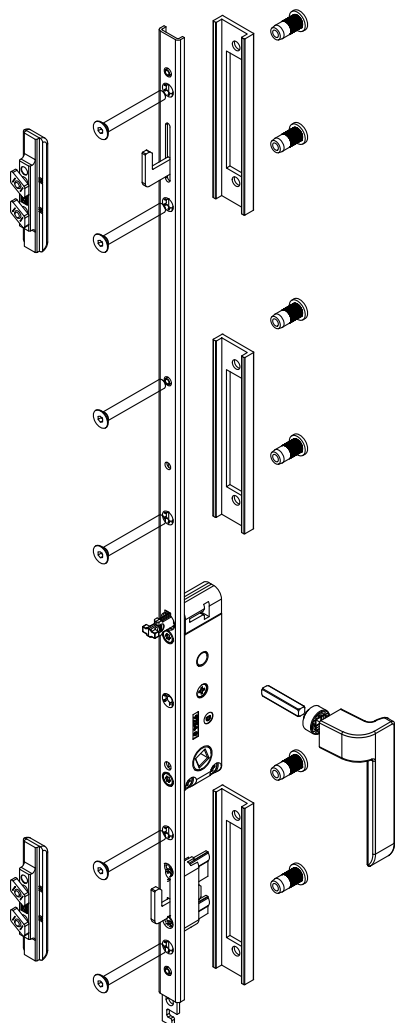
STOPPER APPLICATION FOR ANTI-FALSE MANEUVERING MECHANISM

(This accessory is always delivered with the hardware and should be applied in the fixed frame in order to prevent damage the profiles when closing the mobile leaf)

MAQUINAÇÃO DOS PERFIS ARO MÓVEL
MOBILE FRAMES PROFILES ASSEMBLY

9 - Ferragem Multiponto SOT.
SOT Multipoint Hardware.

9.1 - Esquema de aplicação da ferragem multiponto SOT.
SOT Multipoint Hardware application scheme.



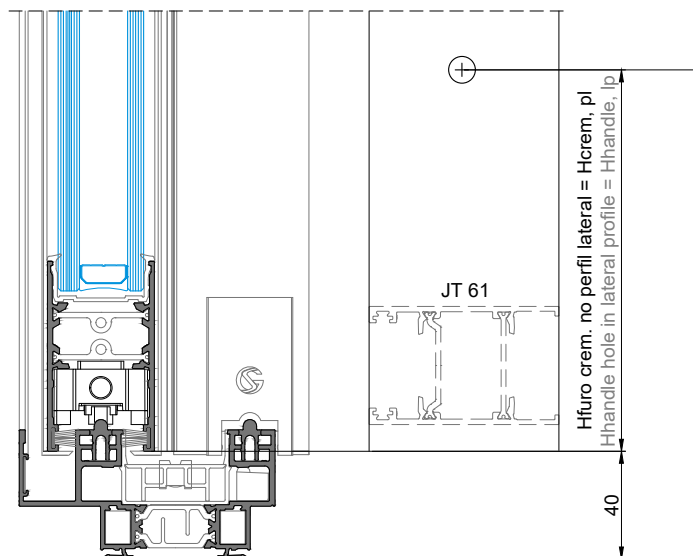
9.2 - Altura do furo do cremone no perfil lateral.
Handle's hole height in the side profile.

Hcrem, pl = Hcrem, solo - 40mm
Hhandle, lp = Hhandle, ground - 40mm

Exemplo | Example:

Para colocação de um cremone a 1000mm relativamente ao solo, o furo deverá ser feito no perfil lateral a uma altura de $1000-40 = 960\text{mm}$.

To place a handle at 1000mm in relation to the ground, the hole must be done at $1000-40 = 960\text{mm}$ height in the lateral profile.



Hfuro crem. em relação ao solo = Hcrem, solo
Handle hole in relation to the ground = Hhandle, ground

MAQUINAÇÃO DOS PERFIS ARO MÓVEL

MOBILE FRAMES PROFILES ASSEMBLY

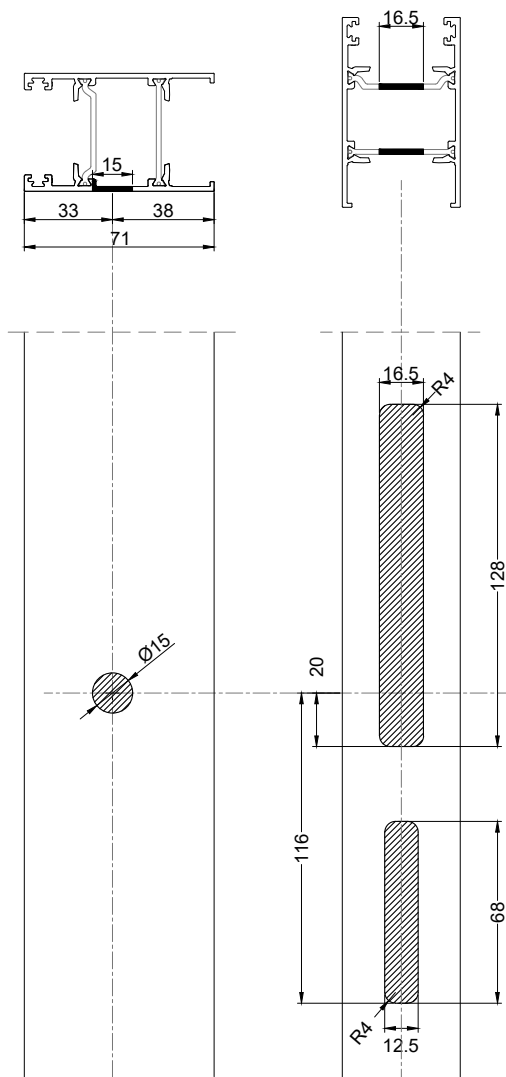
9 - Ferragem Multiponto SOT.

SOT Multipoint Hardware.

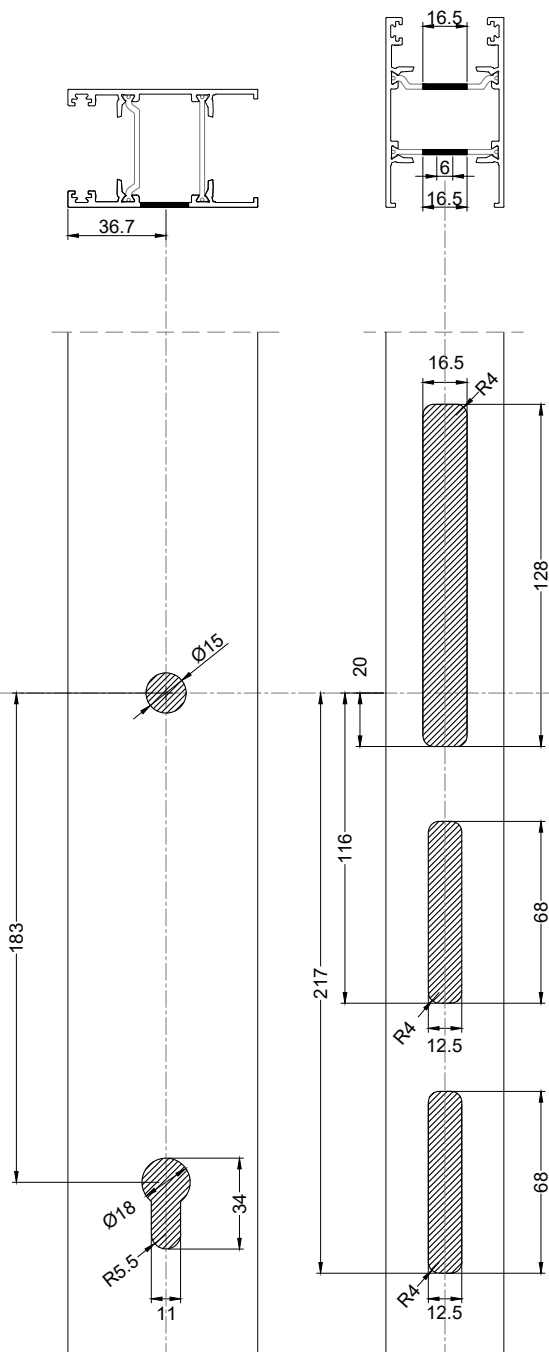
9.3 -Maquinação para cremone e ferragem multiponto SOT.

Handle and SOS Multipoint Hardware machining.

FERRAGEM 2P OU 3P SEM CILINDRO
2P OR 3P HARDWARE WITHOUT CYLINDER



FERRAGEM 3P COM CILINDRO
3P HARDWARE WITH CYLINDER



MAQUINAÇÃO DOS PERFIS ARO MÓVEL

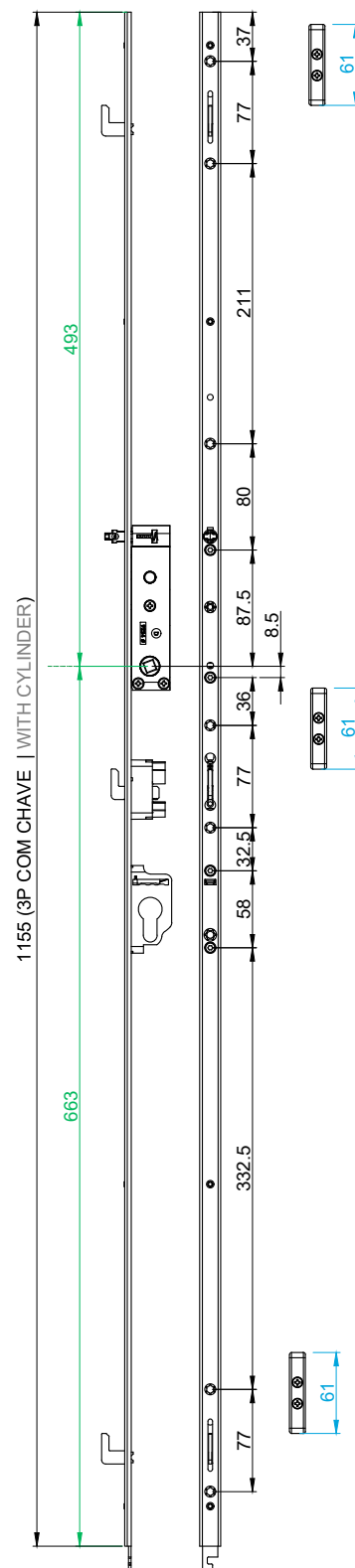
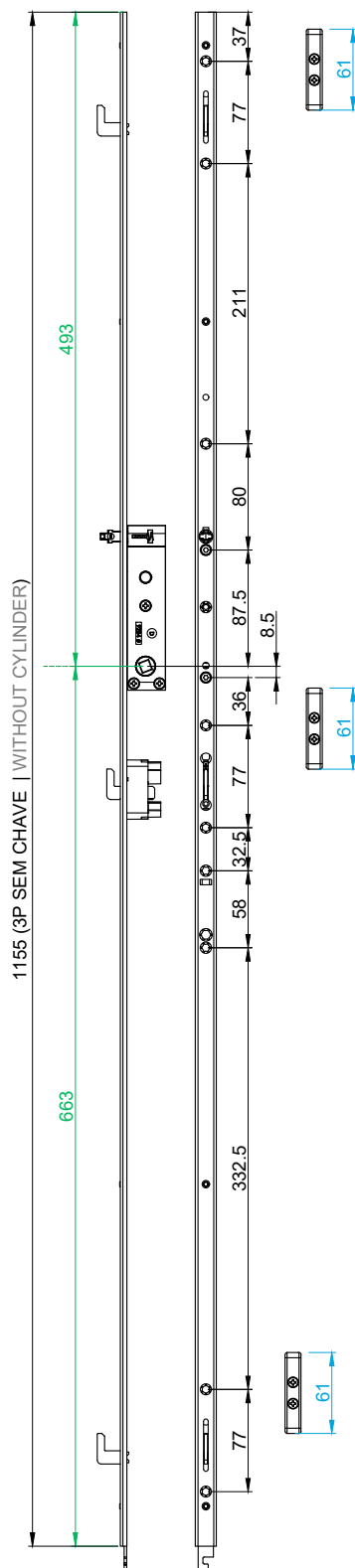
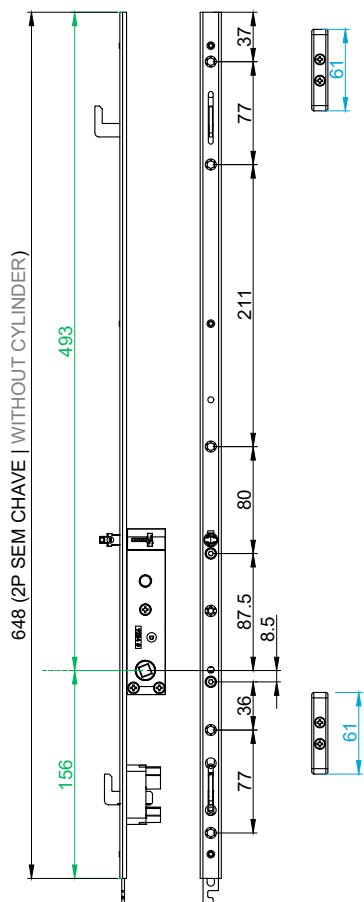
MOBILE FRAMES PROFILES ASSEMBLY

9 - Ferragem Multiponto SOT.

SOT Multipoint Hardware.

9.4 - Medidas das ferragens multiponto SOT.

SOT Multipoint hardware measures.



ACESSÓRIOS A CONSIDERAR POR FERR. MULTIP. SOT:
ACCESSORIES TO CONSIDER BY SOT MULTIPOINT HARDWARE:

	2P S/ CILINDRO WITHOUT CYLINDER	3P S/ CILINDRO WITHOUT CYLINDER	3P C/ CILINDRO WITH CYLINDER
CALÇOS DE APOIO SUPPORT SHIMS	3	6	5
CONJ. FIXAÇÃO FERR. MULTIP. MULTIPOINT HARDWARE FIX. KIT	5	10	10

- TAMANHO MULTIPONTO
MULTIPOINT MEASURE
- MEDIDAS INFERIOR E SUPERIOR DA FERRAGEM
LOWER AND UPPER HARWARE MEASURES
- MEDIDA DOS CONTRA FECHOS
LOCKING PLATE MEASURE

MONTAGEM DE AROS MÓVEIS
MOBILE FRAMES ASSEMBLY

MONTAGEM DE AROS MÓVEIS

MOBILE FRAMES ASSEMBLY

1 - Medidas de corte para juntas de vidro U.

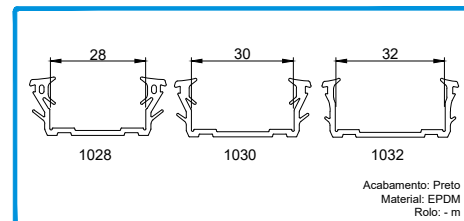
U Glazing gasket cutting measures.

As operações a efetuar na junta deverão ser feitas com esta já aplicada no vidro, mas antes de se colocarem os perfis de alumínio.

Seguir este procedimento para todas as juntas de vidro U.

The operations to be carried out on the joint must be done with it already applied in the glass, but before placing the aluminum profiles.

Follow this procedure for all U glazing gaskets.

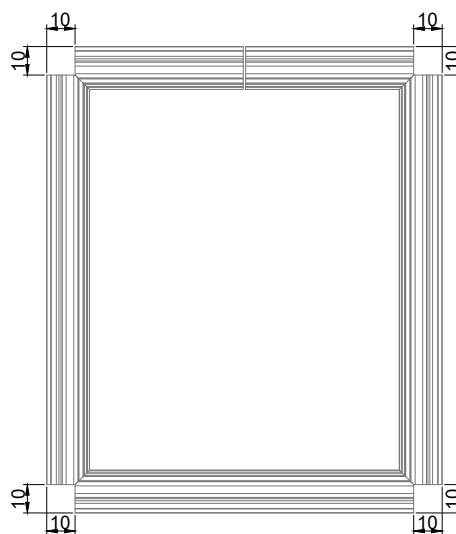
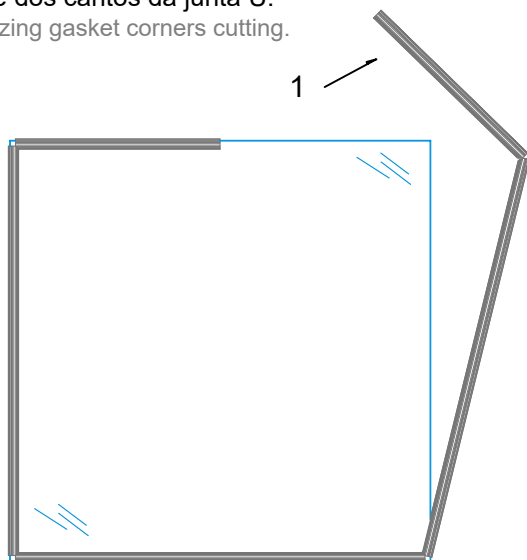


208477
208478
208099

JUNTA VIDRO U 1028 CX 28MM JT
JUNTA VIDRO U 1030 CX 30MM JT
JUNTA VIDRO U 1032 CX 32MM JT

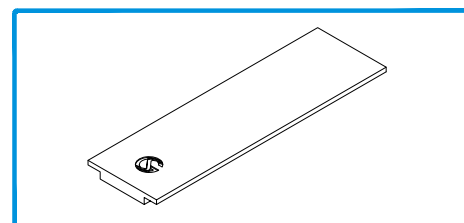
1.1 - Corte dos cantos da junta U.

U glazing gasket corners cutting.



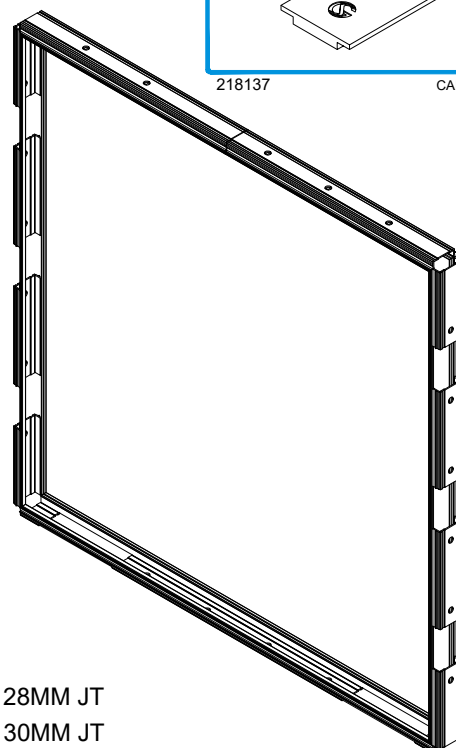
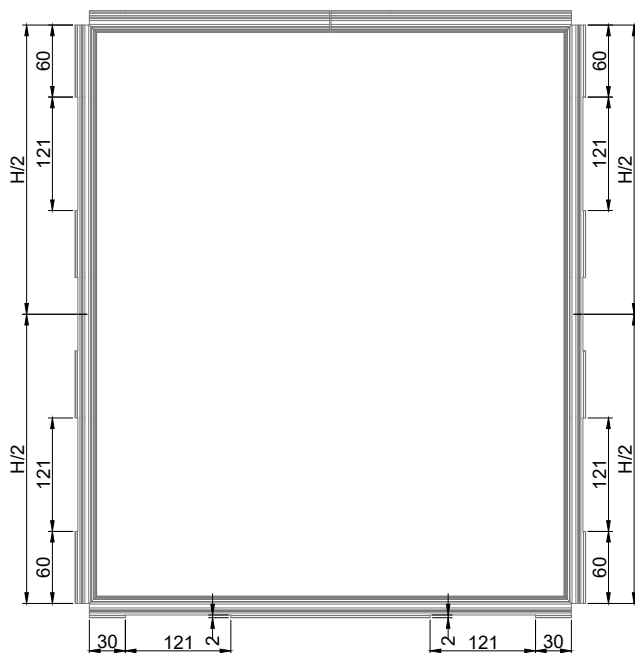
1.2 - Corte da junta U para colocação de calços de apoio.

U glazing gasket cutting for placing the shims supports.



218137

CALÇO REFORÇO HORIZONTAL JT



- 1 - REF 208477: JUNTA VIDRO | GLAZING GASKET U 1028 CX 28MM JT
REF 208478: JUNTA VIDRO | GLAZING GASKET U 1030 CX 30MM JT
REF 208099: JUNTA VIDRO | GLAZING GASKET U 1032 CX 32MM JT

MONTAGEM DE AROS MÓVEIS

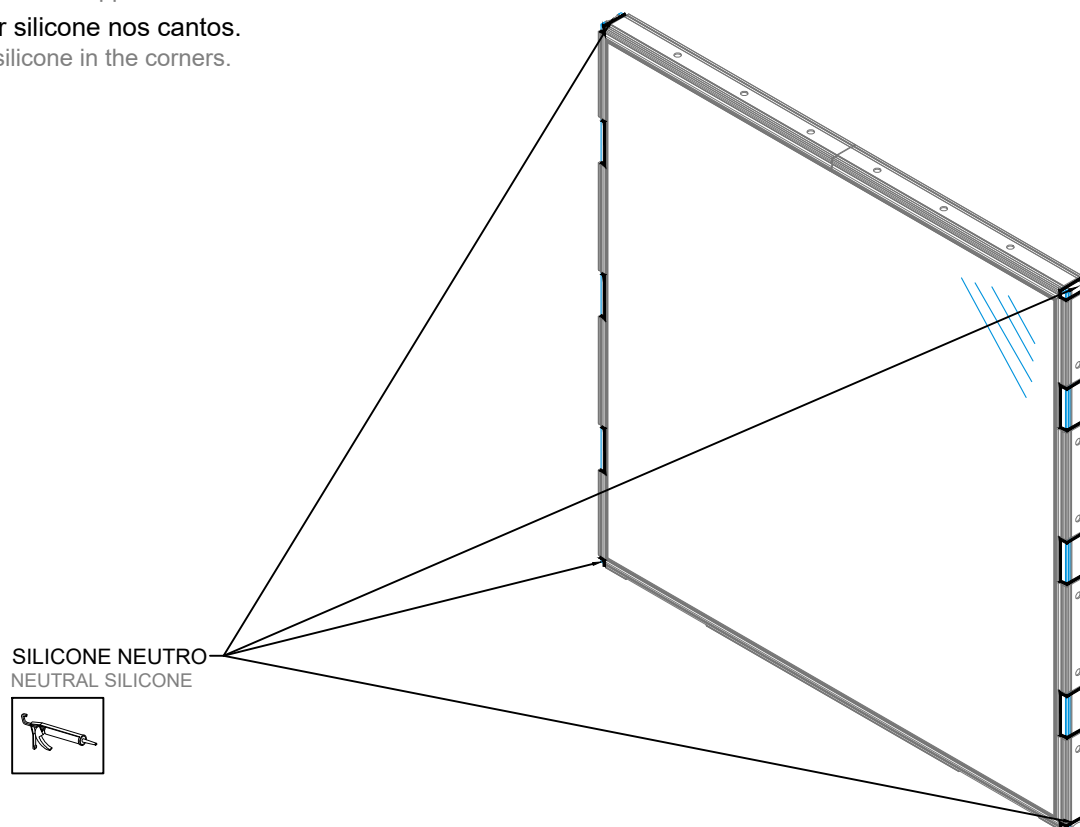
MOBILE FRAMES ASSEMBLY

2 - Aplicação dos calços de apoio.

Support shims application.

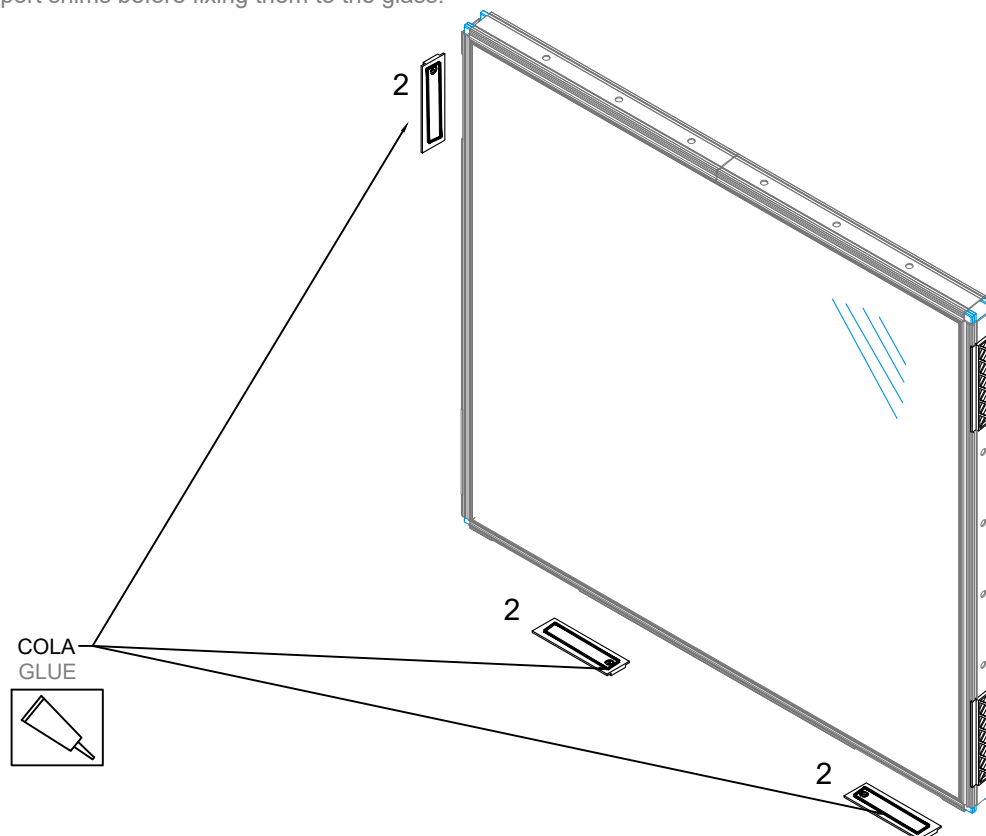
2.1 - Aplicar silicone nos cantos.

Apply silicone in the corners.



2.2 - Colocar cola nos calços de suporte antes de fixá-los ao vidro.

Put glue on the support shims before fixing them to the glass.



2 - REF 218137: CALÇO REFORÇO HORIZONTAL | SUPPORT SHIM JT

MONTAGEM DE AROS MÓVEIS

MOBILE FRAMES ASSEMBLY

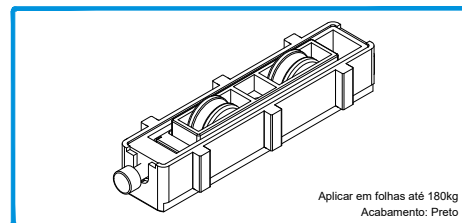
3 - Colocação dos carrinhos na travessa inferior JT63.

Rollers placement on the JT63 bottom transom.

IMPORTANTE | IMPORTANT:

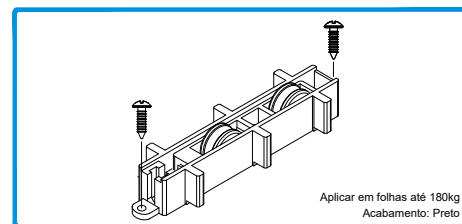
Os carrinhos devem ser aplicados na travessa inferior antes de fechar as esquadrias do aro móvel.

The rollers must be applied on the lower transom before closing the frames of the mobile frame.



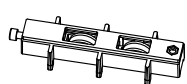
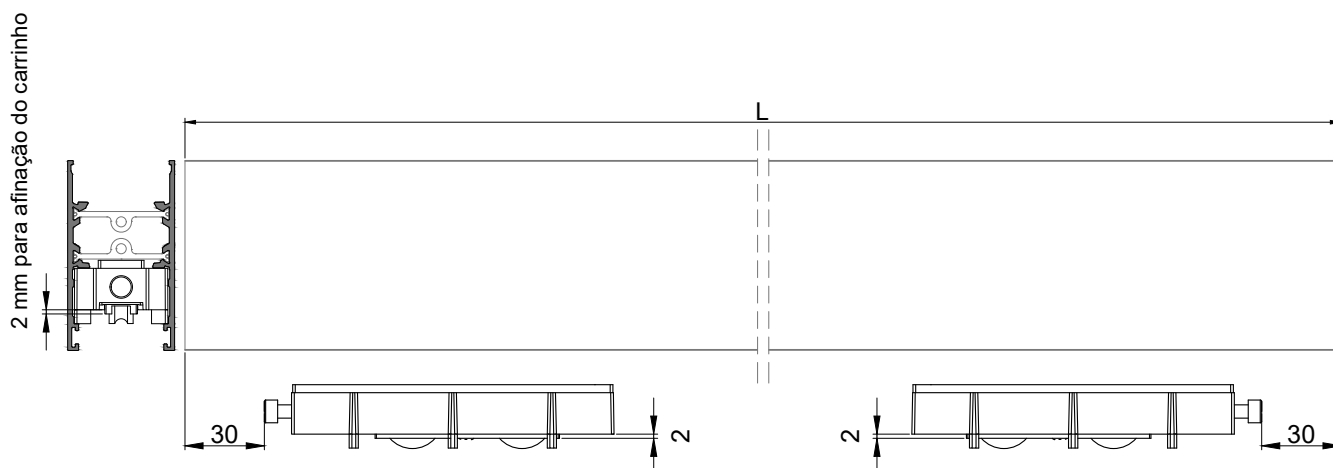
205129

CARRINHO JT 180KG

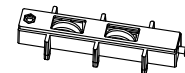
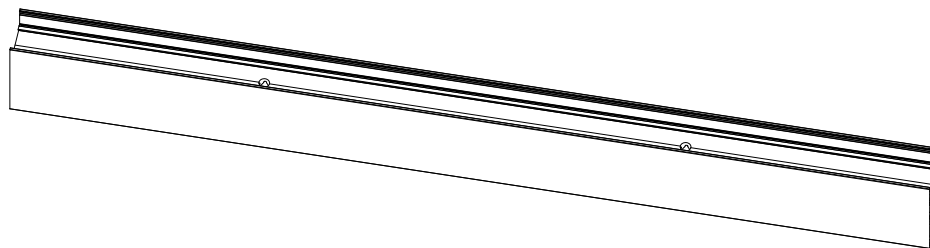


205108

CARRINHO JT 100KG



3



3

3 - REF 205129: CARRINHO | ROLLING BEARING JT 180KG
ou | or
REF 205108: CARRINHO | ROLLING BEARING JT 100KG

MONTAGEM DE AROS MÓVEIS

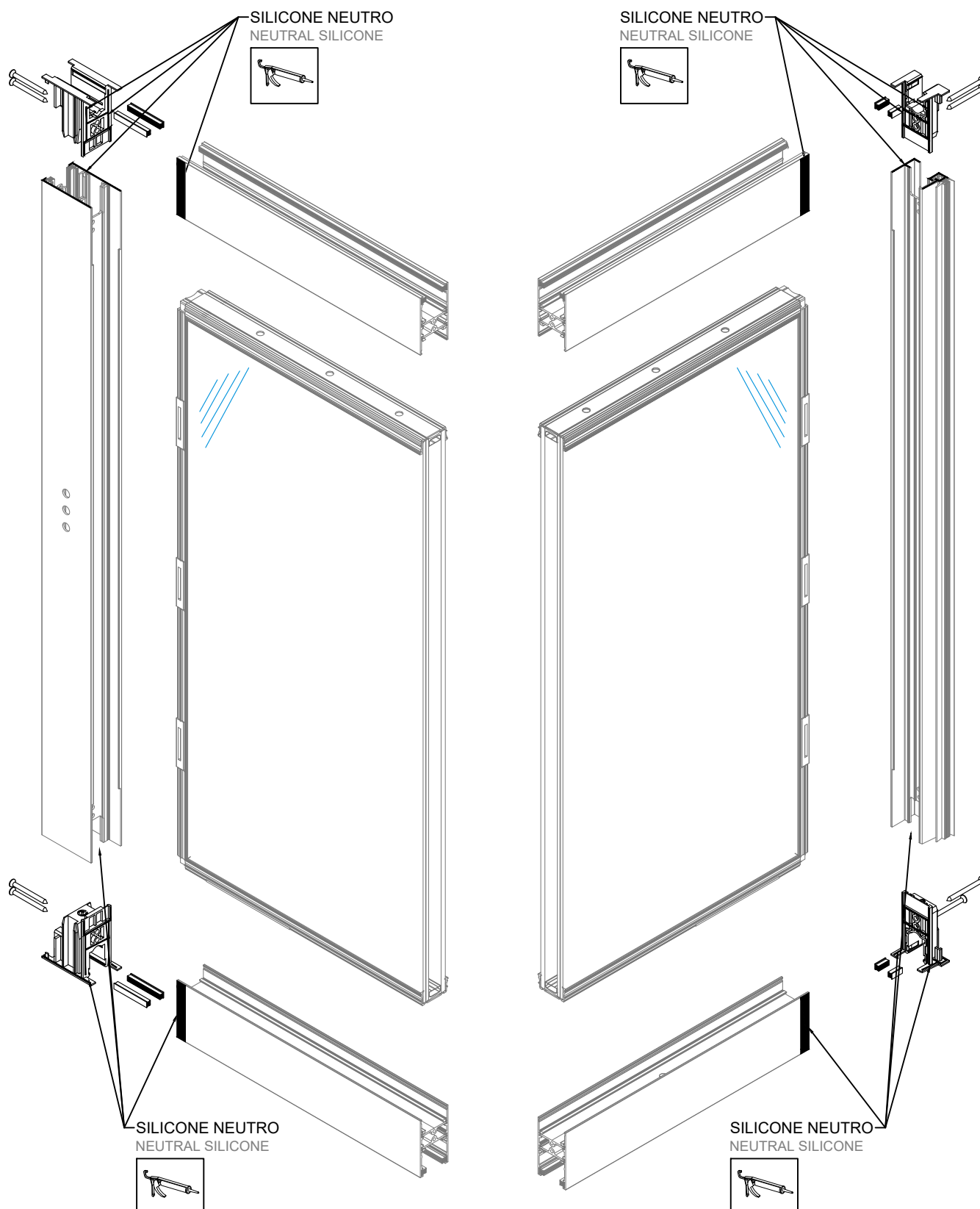
MOBILE FRAMES ASSEMBLY

4 - Montagem e fixação do aro móvel.

Mobile frame assembling and fixing.

IMPORTANTE | IMPORTANT:

Aplicar silicone nas zonas de sobreposição dos perfis móveis verticais/horizontais e nos topos de fixação.
Apply silicone in the overlapping areas of the vertical/horizontal mobile profiles and in the fixing end-caps.



MONTAGEM DE AROS MÓVEIS

MOBILE FRAMES ASSEMBLY

4 - Montagem e fixação do aro móvel.

Mobile frame assembling and fixing.

4.1 -Etapas de montagem.

Assembly steps.

Passo | Step 2:

Colocar o perfil lateral juntamente com os topos e encaixar nas travessas

Place the lateral profile together with the end-caps and fit it on the transoms

Passo | Step 1:

Colocar as travessas inferior e superior no vidro

Place the upper and lower transoms on the glass

Passo | Step 3:

Colocar o perfil central juntamente com os topos e encaixar nas travessas.

Place the central profile together with the end-caps and fit in the transoms.

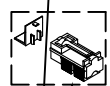
Estes acessórios deverão ser colocados quando a folha já estiver aplicada no vão.

These accessories should be placed when the leaf is already applied in the frame.

Passo | Step 4:

Fixar os perfis de alumínio através do aparafusamento dos topos.

Fix the aluminum profiles by screwing the end-caps.



Estes acessórios deverão ser colocados quando a folha já estiver aplicada no vão.

These accessories should be placed when the leaf is already applied in the frame.

MONTAGEM DE AROS MÓVEIS

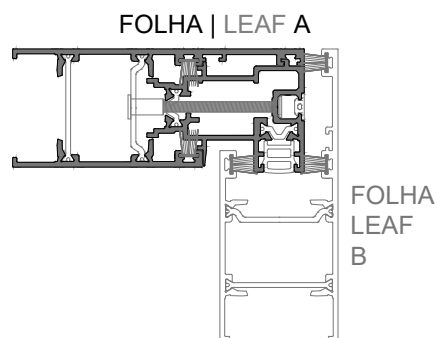
MOBILE FRAMES ASSEMBLY

5 - Montagem de tipologia de canto 90° - **FOLHA A.**

Assembly of 90° corner typology - **A LEAF.**

5.1 - Fixar o perfil JT72 ao perfil JT62.

Fix the JT72 and JT62 profiles.

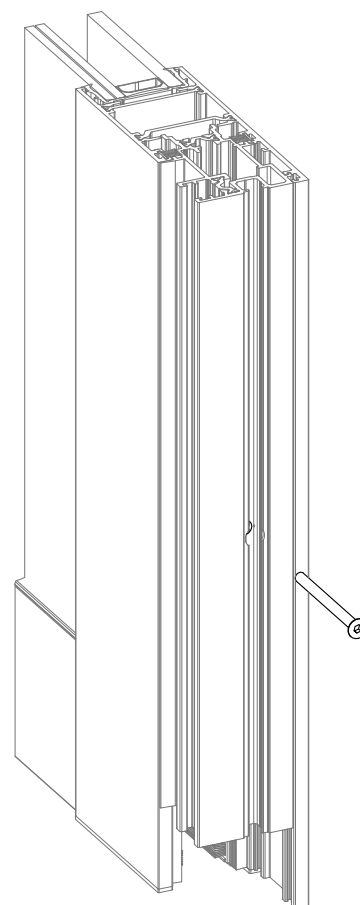
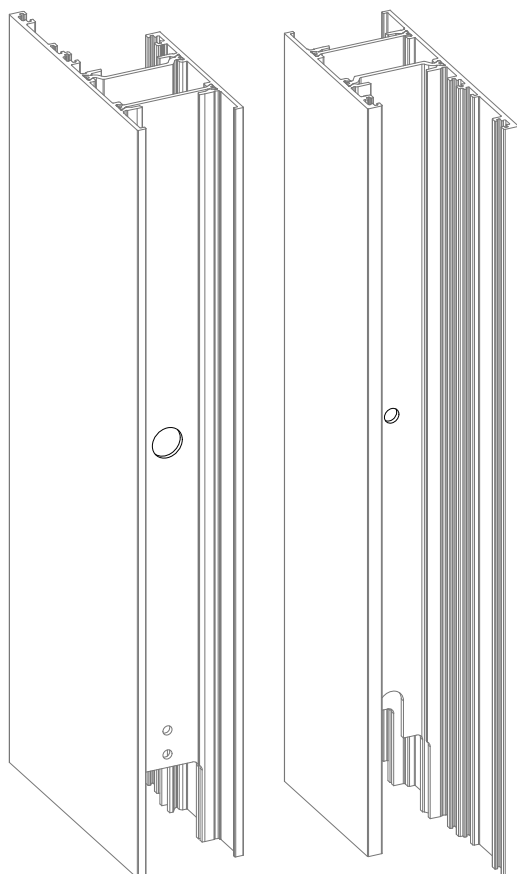
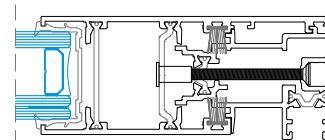
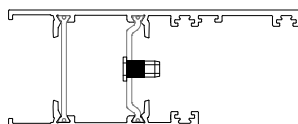
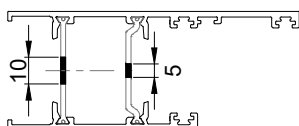
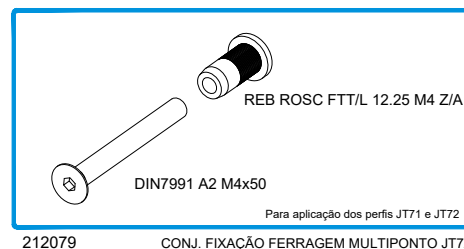


Colocar os rebites antes de se fazer o fecho das esquadrias da folha móvel.

Utilizar no mínimo 4 conjuntos para fixação do perfil JT72.

Place the rivets before closing the frames of the mobile leaf.

Use at least 4 sets for fixing the JT72 profile.



MONTAGEM DE AROS MÓVEIS

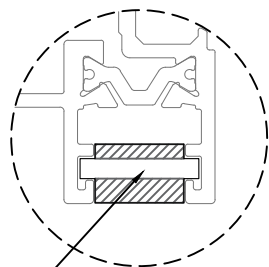
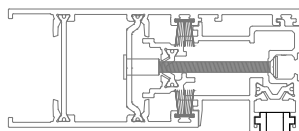
MOBILE FRAMES ASSEMBLY

5 - Montagem de tipologia de canto 90° - FOLHA A.

Assembly of 90° corner typology - A LEAF.

5.2 - Colocar os calços para contra-fecho antes de se pôr a folha no vão.

Place the locking plate shims before placing the leaf in the frame.

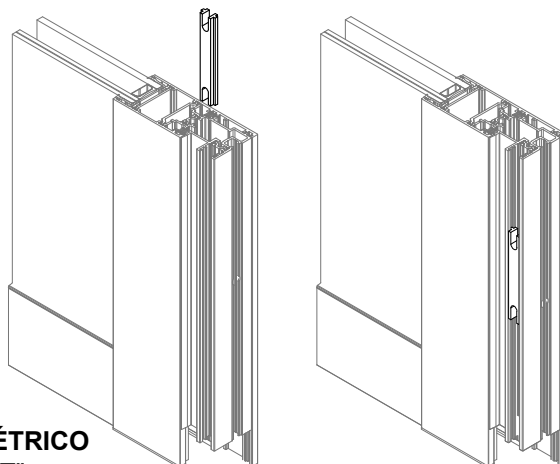


CALÇO NÃO SIMÉTRICO

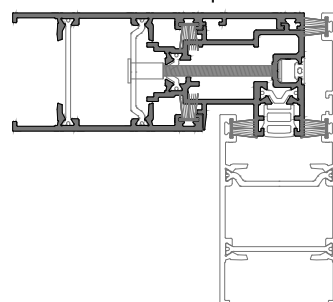
(A referência "EXT" e o logotipo deverão ficar para a frente de forma a alinhar com o alumínio)

NOT SYMMETRICAL SHIM

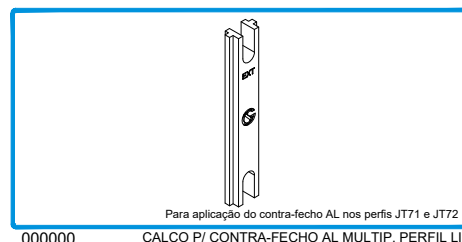
(The "EXT" reference and the logo must stand in the front in alignment with the aluminum)



FOLHA | LEAF A



FOLHA
LEAF
B



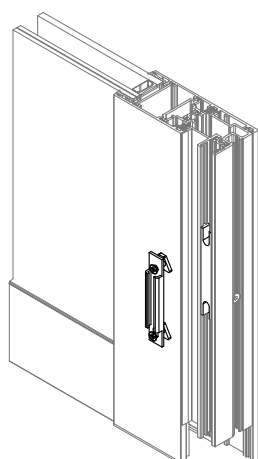
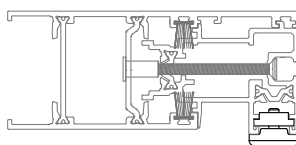
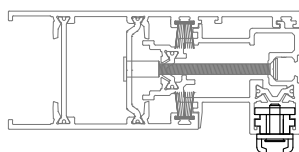
000000 Para aplicação do contra-fecho AL nos perfis JT71 e JT72
CALÇO P/ CONTRA-FECHO AL MULTIP. PERFIL LIG

Este passo só se efetua quando se usa a ferragem multiponto SOS.

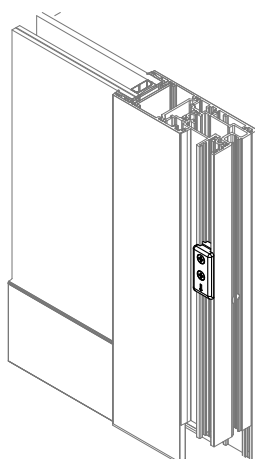
This step is only performed when using SOS multipoint hardware.

5.3 - Colocar os contra-fechos na posição final.

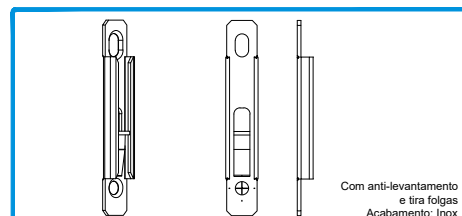
Place the locking plate in its final position.



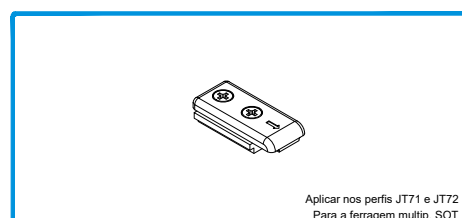
**FERRAGEM MULTIPONTO
MULTIPOINT HARDWARE
SOS**



**FERRAGEM MULTIPONTO
MULTIPOINT HARDWARE
SOT**



202491 Com anti-levantamento e tira folgas
Acabamento: Inox
CONTRA-FECHO ANTI-LEVANTAMENTO MULTI-PONTO



000000 Aplicar nos perfis JT71 e JT72
Para a ferragem multip. SOT
CONTRA FECHO LIGAÇÃO 2 FOLHAS E 90° SOT

MONTAGEM DE AROS MÓVEIS

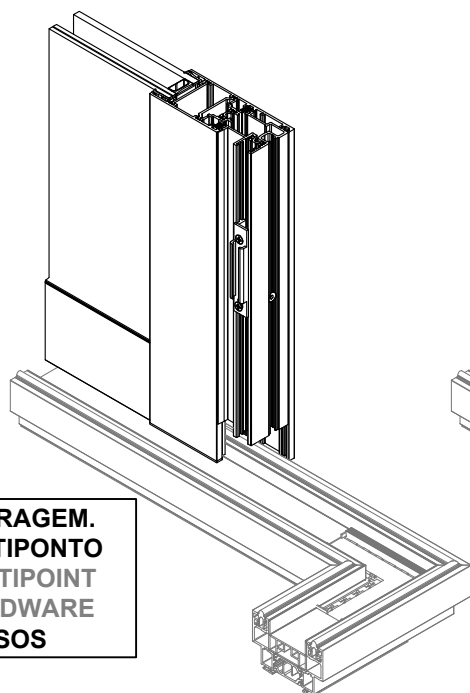
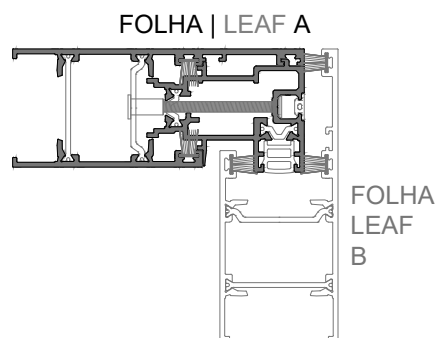
MOBILE FRAMES ASSEMBLY

5 - Montagem de tipologia de canto 90° - **FOLHA A.**

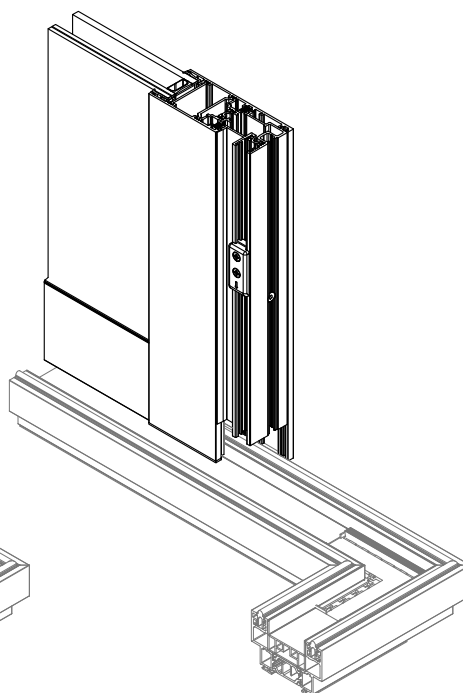
Assembly of 90° corner typology - **A LEAF.**

5.4 - Colocar a folha no vão.

Place the leaf in the frame.



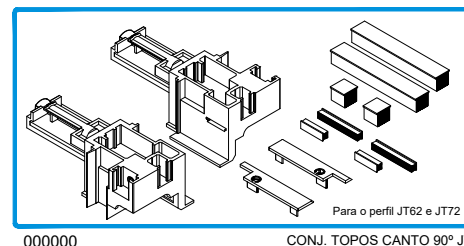
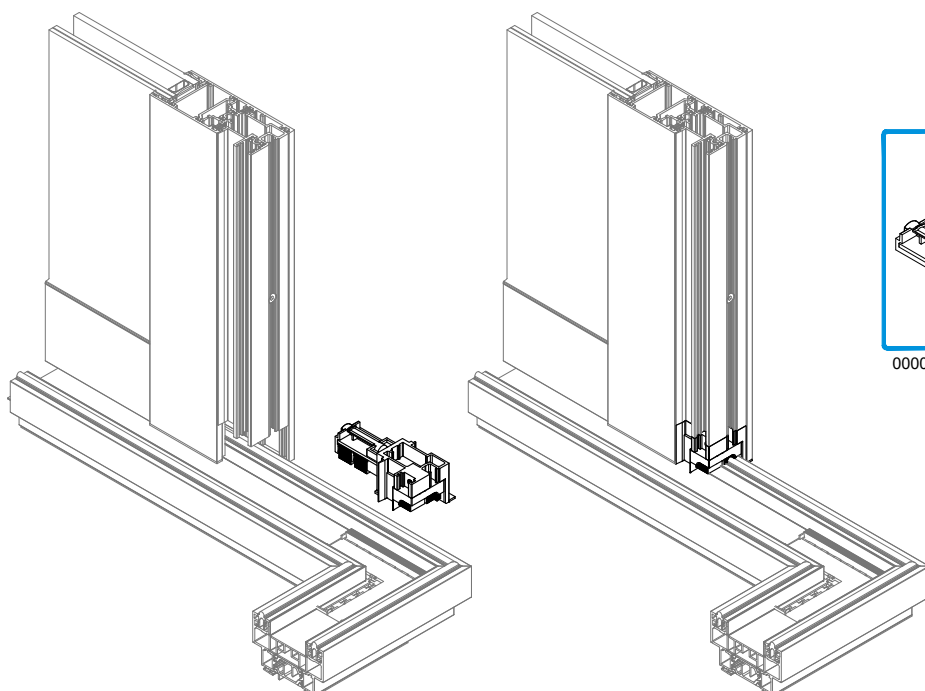
**FERRAGEM.
MULTIPONTO
MULTIPOINT
HARDWARE
SOS**



**FERRAGEM
MULTIPONTO
MULTIPOINT
HARDWARE
SOT**

5.5 - Colocar o conjunto topos canto 90° JT.

Place the 90° corner end-caps kit.



MONTAGEM DE AROS MÓVEIS

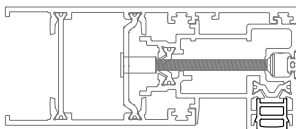
MOBILE FRAMES ASSEMBLY

5 - Montagem de tipologia de canto 90° - FOLHA A.

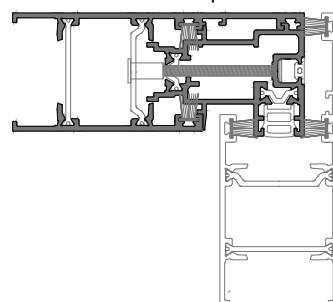
Assembly of 90° corner typology - A LEAF.

5.6 - Colocar a junta tampa canal perfil lig. 2117 JT.

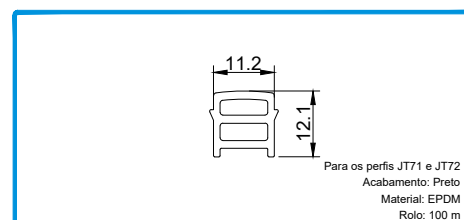
Place the 2117 channel cover joint.



FOLHA | LEAF A

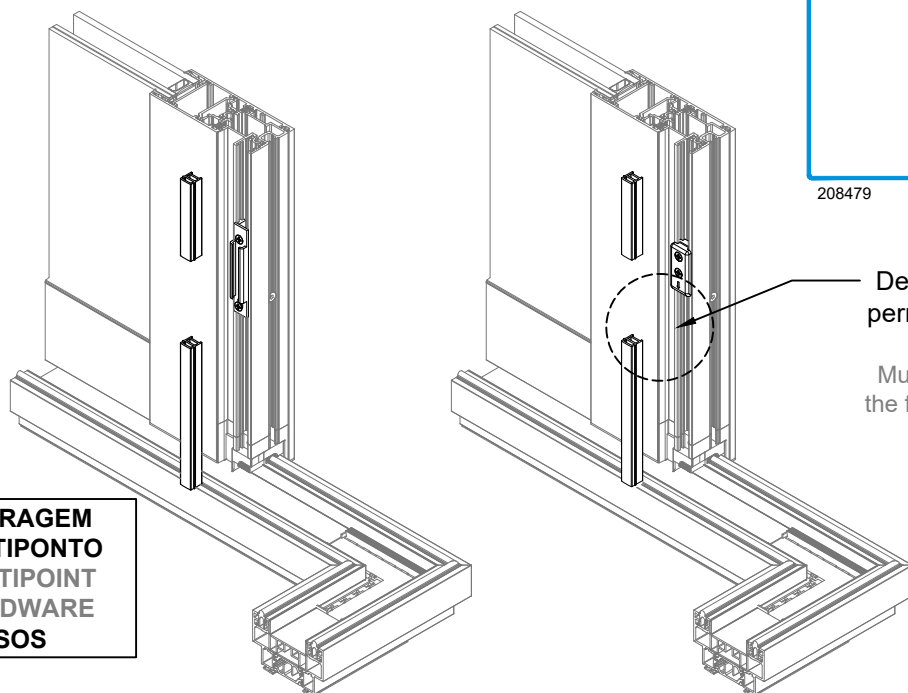


FOLHA
LEAF
B



208479

JUNTA TAPA CANAL PERFIL LIG. 2117 JT



Deve considerar-se uma folga que permita o funcionamento do gancho da ferragem

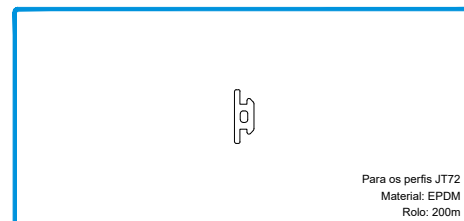
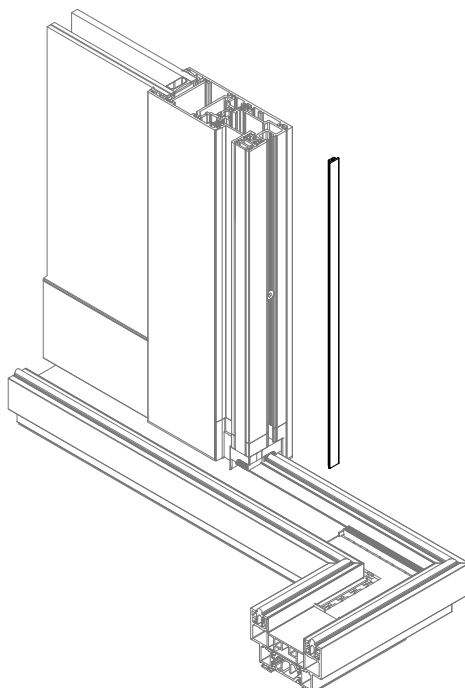
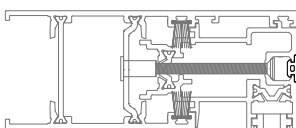
Must be considered a gap that allows the function of the hook of the hardware

**FERRAGEM
MULTIPONTO
MULTIPOINT
HARDWARE
SOS**

**FERRAGEM
MULTIPONTO
MULTIPOINT
HARDWARE
SOT**

5.7 - Colocar a junta VD 2415.

Place the 2415 joint.



208435

JUNTA VD 2415 PRT

MONTAGEM DE AROS MÓVEIS

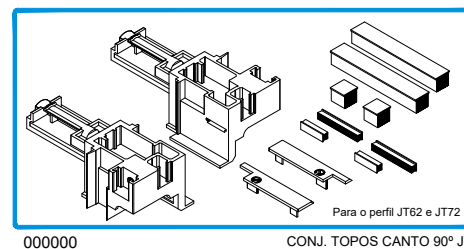
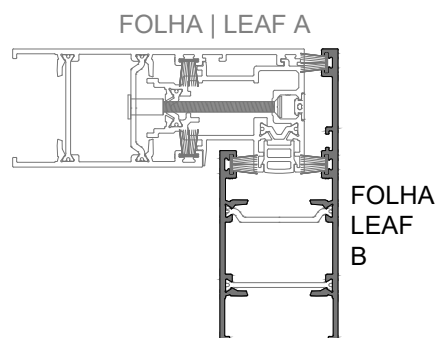
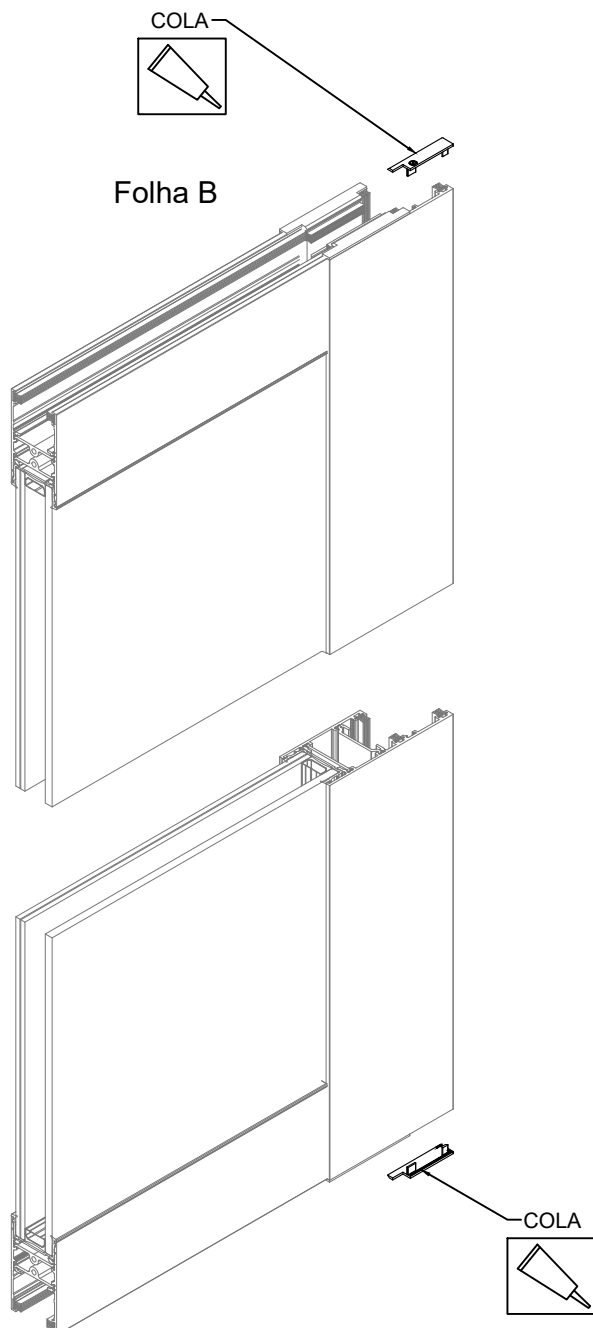
MOBILE FRAMES ASSEMBLY

6 - Montagem de tipologia de canto 90° - **FOLHA B.**

Assembly of 90° corner typology - **B LEAF.**

6.1 - Colocar e fixar o conjunto de topos complementares JT62.

Place and secure the JT62 complementary end cap kit.



MONTAGEM DE AROS MÓVEIS

MOBILE FRAMES ASSEMBLY

7 - Montagem de tipologia de ligação 2 folhas - **FOLHA A.**

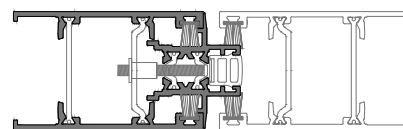
Assembly of 2 leaves connection typology - **A LEAF.**

7.1 - Fixar do perfil JT71 ao perfil JT61.

Fix the JT71 and JT61 profiles.

FOLHA A

FOLHA B



Color os rebites antes de se fazer o fecho das esquadrias da folha móvel.

Utilizar no mínimo 4 conjuntos para fixação do perfil JT72.

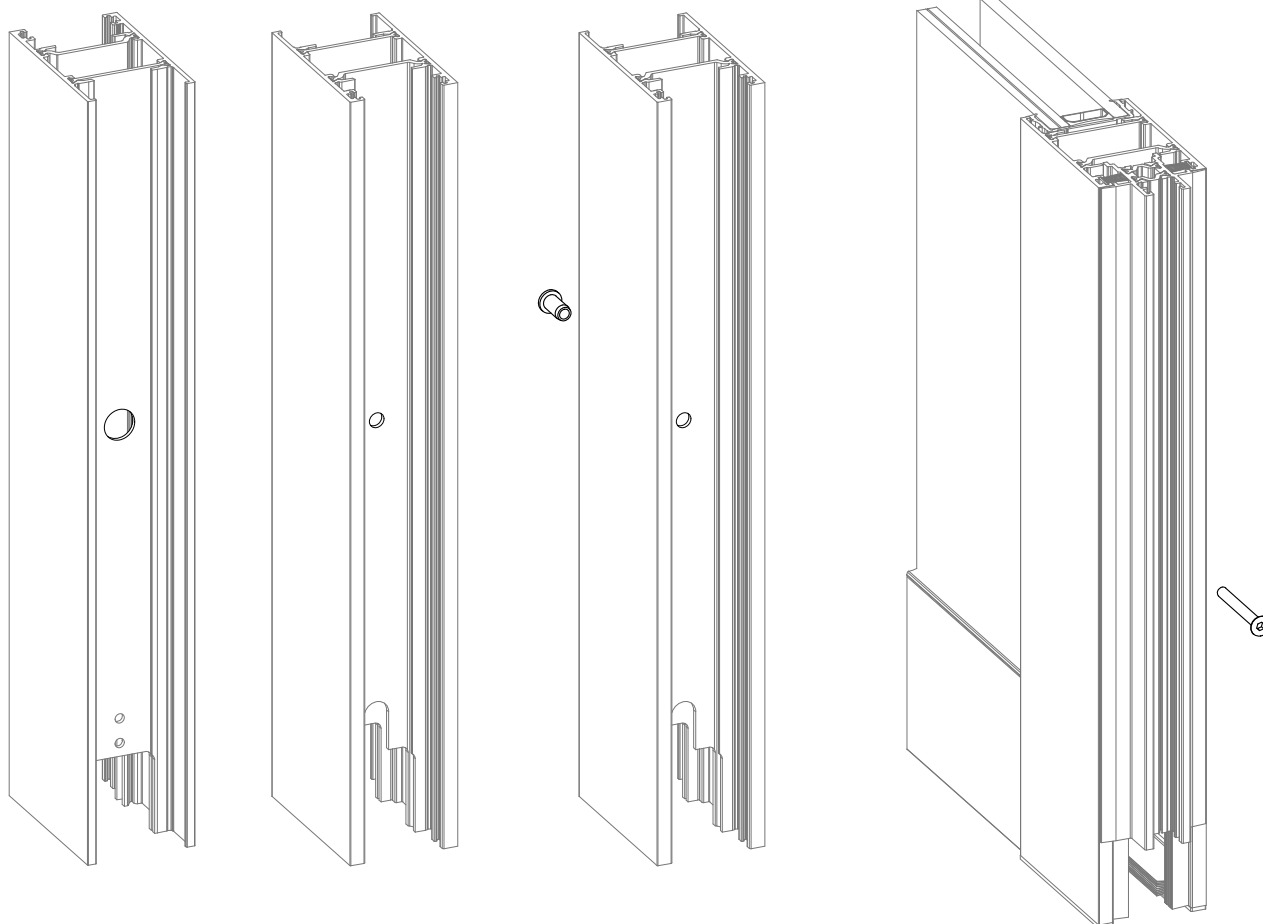
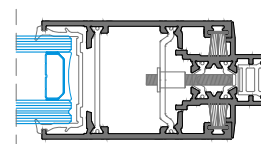
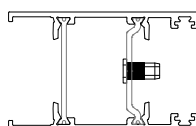
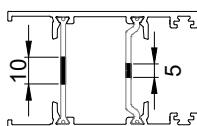
Place the rivets before closing the frames of the mobile leaf.

Use at least 4 sets for fixing the JT72 profile.



212079

CONJ. FIXAÇÃO FERRAGEM MULTIPONTO JT72



MONTAGEM DE AROS MÓVEIS

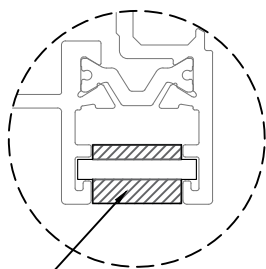
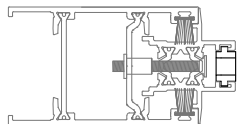
MOBILE FRAMES ASSEMBLY

7 - Montagem de tipologia de ligação 2 folhas - **FOLHA A.**

Assembly of 2 leaves connection typology - **A LEAF.**

7.2 - Colocação dos calços para contra-fecho antes de se pôr a folha no vão.

Place the locking plate shims before placing the leaf in the frame.

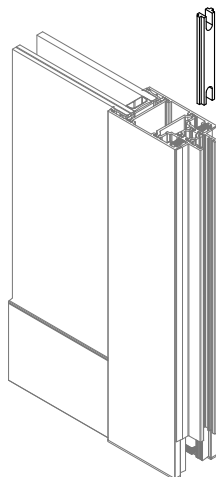


CALÇO NÃO SIMÉTRICO

(A referência "EXT" e o logotipo deverão ficar para a frente de forma a alinhar com o alumínio)

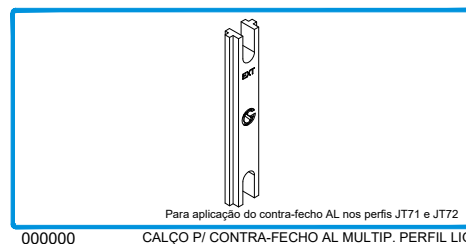
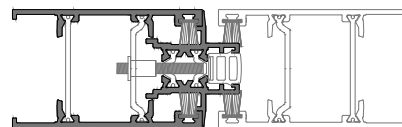
NOT SYMMETRICAL SHIM

(The "EXT" reference and the logo must stand in the front in alignment with the aluminum)



FOLHA A

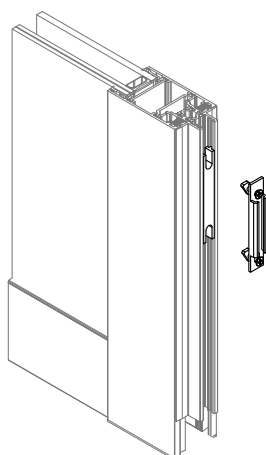
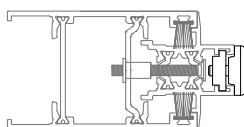
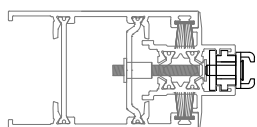
FOLHA B



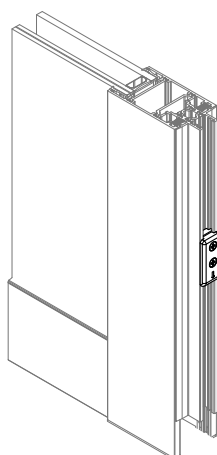
Este passo só se efetua quando se usa a ferragem multiponto SOS.
This step is only performed when using SOS multipoint hardware.

7.3 - Colocar os contra-fechos na posição final.

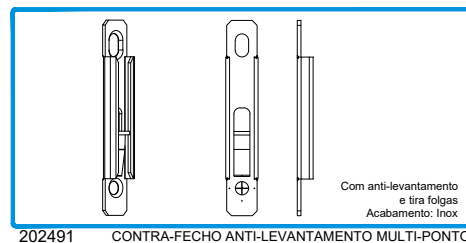
Place the locking plate in its final position.



**FERRAGEM MULTIPONTO
MULTIPOINT HARDWARE
SOS**



**FERRAGEM MULTIPONTO
MULTIPOINT HARDWARE
SOT**



MONTAGEM DE AROS MÓVEIS

MOBILE FRAMES ASSEMBLY

7 - Montagem de tipologia de ligação 2 folhas - **FOLHA A.**

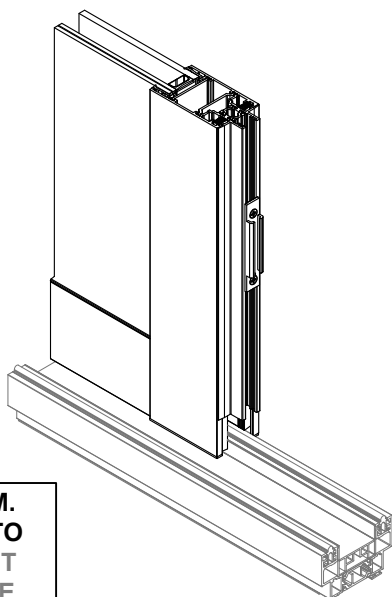
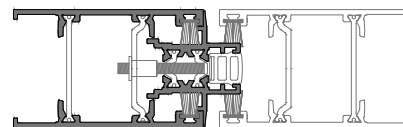
Assembly of 2 leaves connection typology - **A LEAF.**

7.4 - Aplicar a folha no vão.

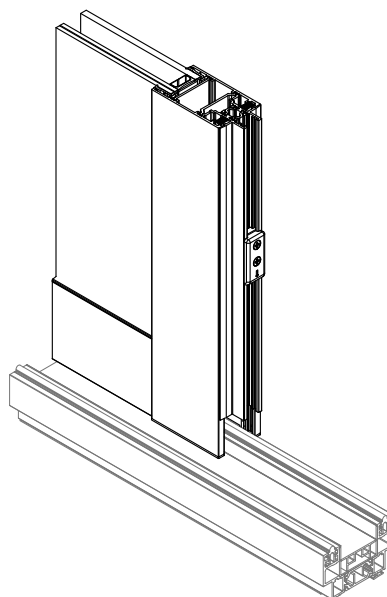
Apply the leaf in the frame.

FOLHA A

FOLHA B



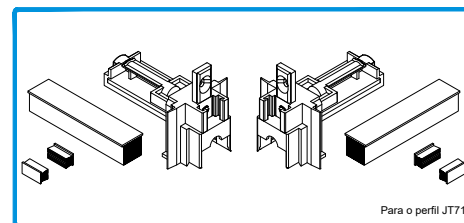
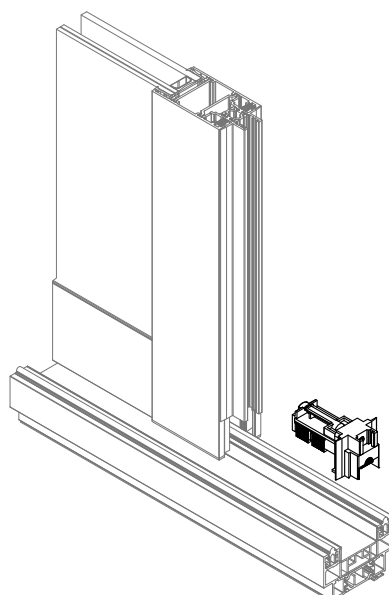
**FERRAGEM.
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HARDWARE
SOS**



**FERRAGEM
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MULTIPOINT
HARDWARE
SOT**

7.5 - Colocar o conjunto de topos ligação 2 folhas.

Place the 2 leaves connection end-caps kit.



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CONJ. TOPOS LIGAÇÃO 2 FOLHAS JT

Para o perfil JT71

MONTAGEM DE AROS MÓVEIS

MOBILE FRAMES ASSEMBLY

7 - Montagem de tipologia de ligação 2 folhas - **FOLHA A.**

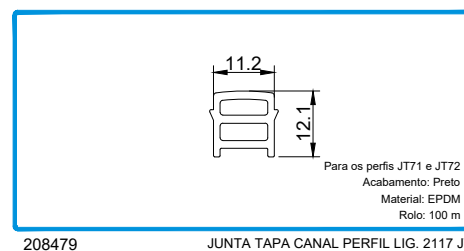
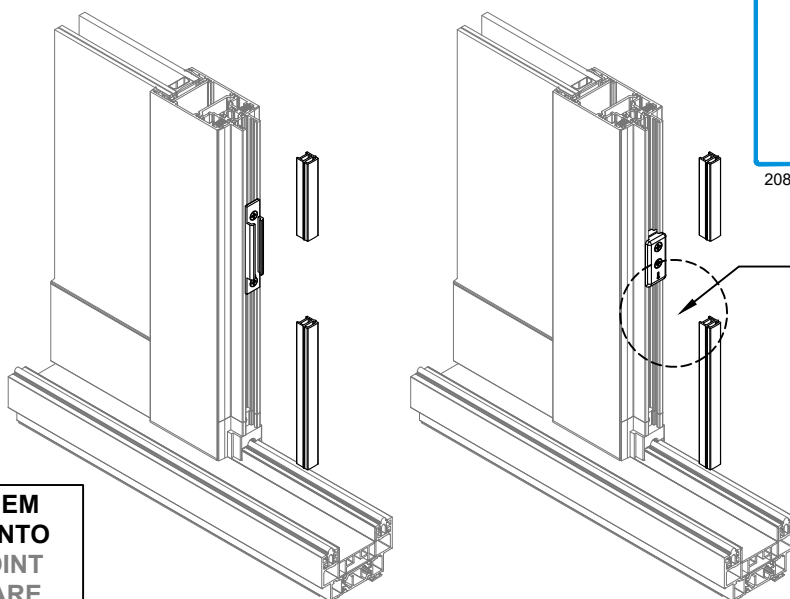
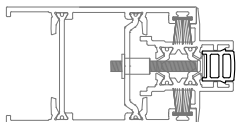
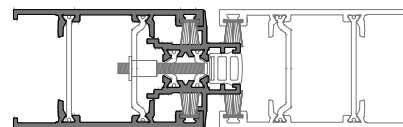
Assembly of 2 leaves connection typology - **A LEAF.**

7.6 - Colocar a junta tapa canal perfil lig. 2117 JT.

Place the 2117 channel cover joint.

FOLHA A

FOLHA B



Deve considerar-se uma folga que permita o funcionamento do gancho da ferragem

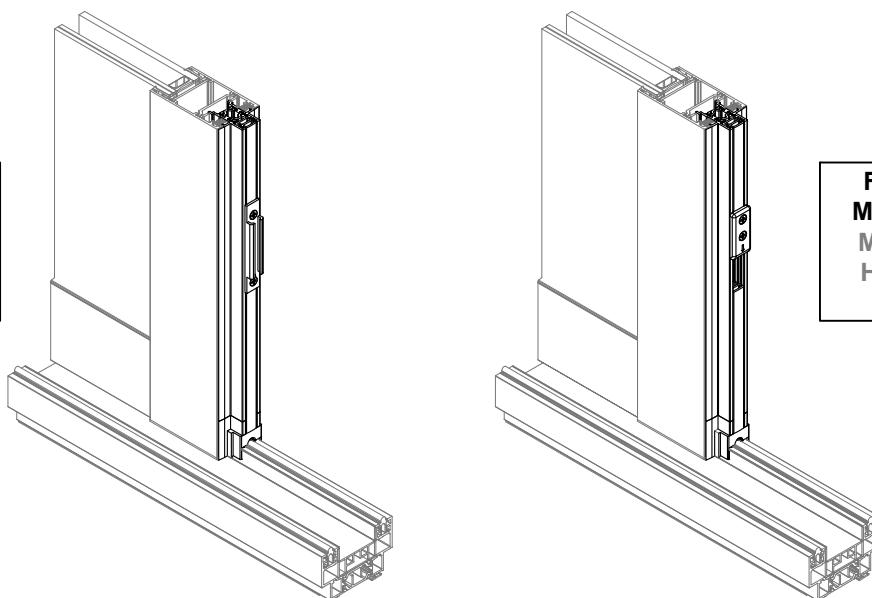
Must be considered a gap that allows the function of the hook of the hardware

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HARDWARE
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7.7 - Pormenor final da colocação do perfil JT71 e os seus acessórios.

Final detail of JT71 profile placement and its accessories.



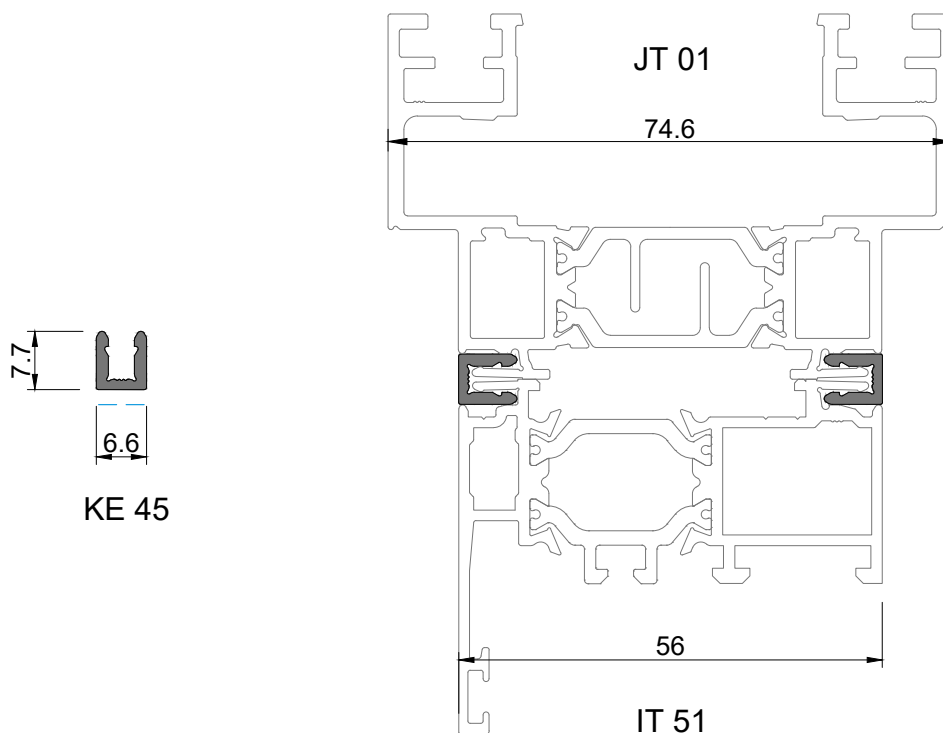
**FERRAGEM
MULTIPONTO
MULTIPOINT
HARDWARE
SOS**

**FERRAGEM
MULTIPONTO
MULTIPOINT
HARDWARE
SOT**

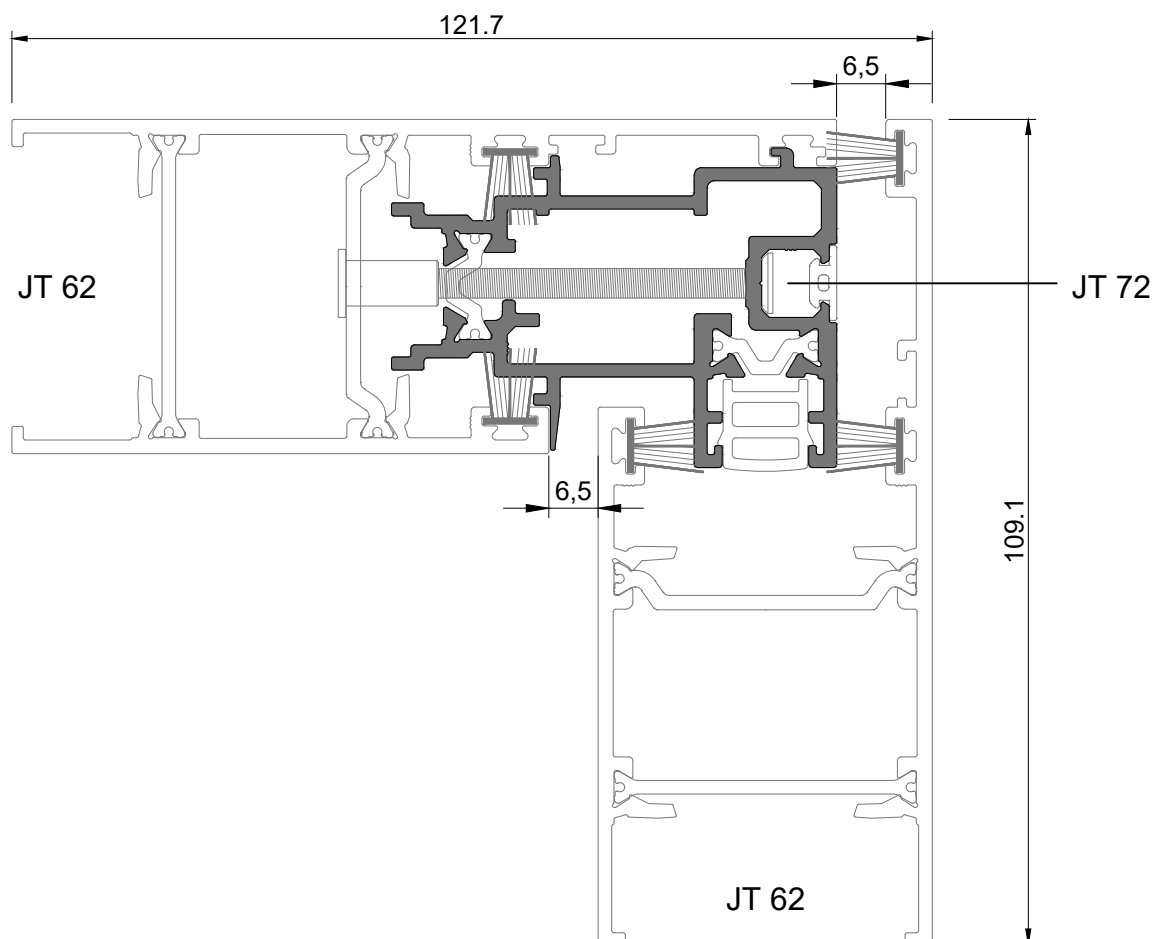
DETALHES DE LIGAÇÃO
CONNECTION DETAILS

DETALHES DE LIGAÇÃO
CONNECTION DETAILS

6.1 - Ligação do sistema de correr JT ao sistema de batente IT, aplicando perfis KE 45
Connection of the JT sliding system to the IT opening system, applying KE 45 profiles

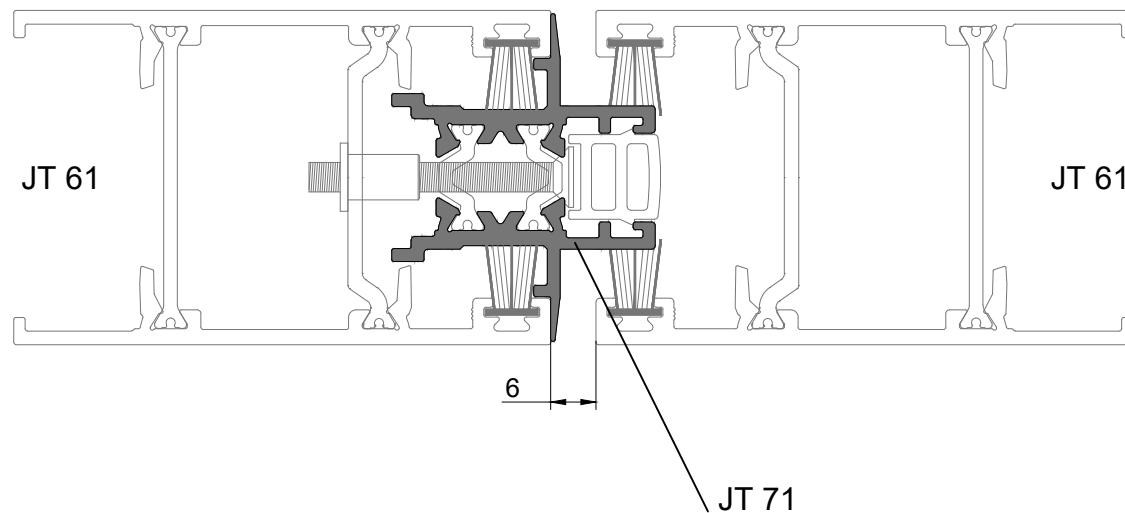


6.2 - Ligação do 2 folhas em canto 90°, aplicando o perfil JT72
Connection of 2 leaves in a 90° corner, applying JT72 profile



DETALHES DE LIGAÇÃO
CONNECTION DETAILS

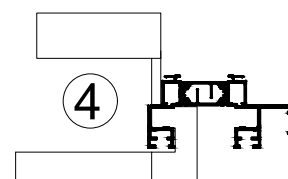
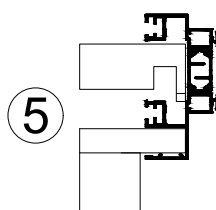
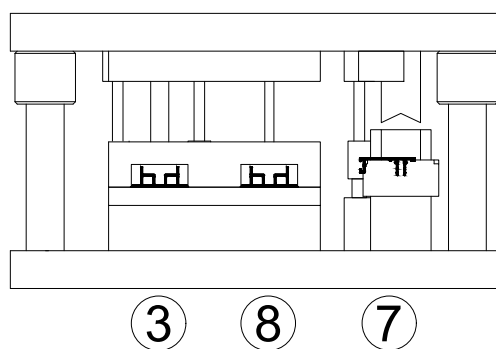
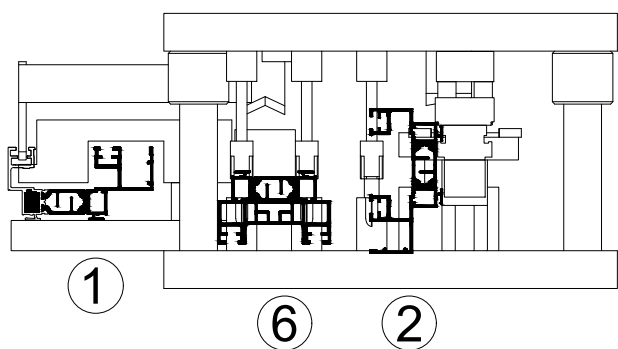
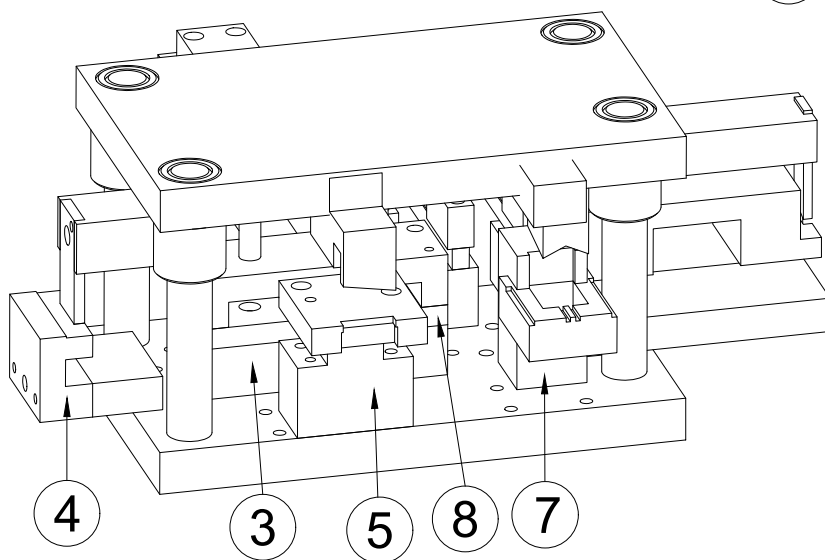
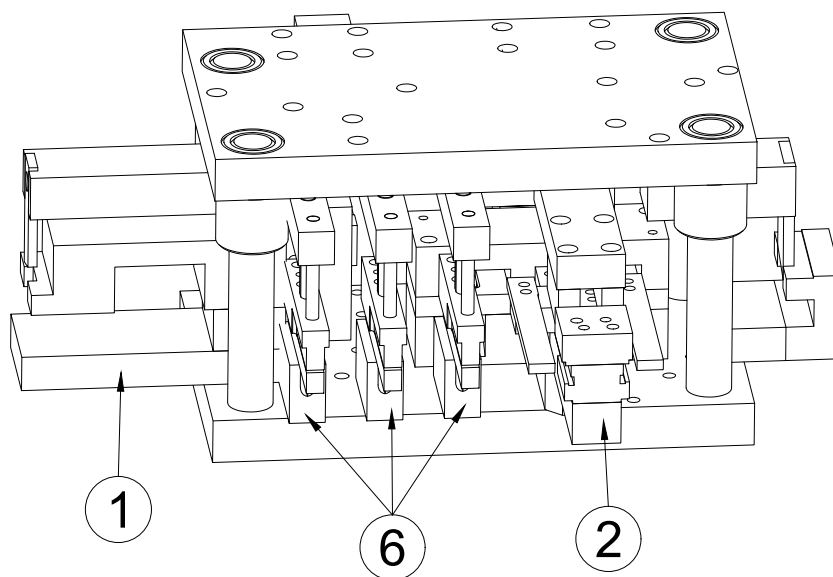
6.3 - Ligação do 2 folhas no mesmo rail, aplicando o perfil JT71
Connection of 2 leaves in the same rail, applying JT71 profile



CORTANTES
PUNCHING TOOLS

CORTANTES
PUNCHING TOOLS

1 - Cortante Aros FR
FR Fixed Frames Punching Tool



CORTANTES
PUNCHING TOOLS

1 - Cortante Aros FR
FR Fixed Frames Punching Tool

1 - Saída de águas
Water drainage

Rago | Cut R3: 5x20mm

3 - Saída de águas
Water drainage

Furo | Hole R6: Ø12mm

4 - Saída de águas
Water drainage

Rasgo | Cut R4: 6x35mm

5 - Saída de águas
Water drainage

Rasgo | Cut R2: 6x35mm
Rasgo | Cut R5: 6x35mm

7 - Rasgo para perfis capa
Cover profiles milling

Perfis | Profiles JT85 e | and JT 88

8 - Saída de águas
Water drainage

Rasgo | Cut R1: 6x30mm

2 - Corte da aba do perfil nas esquadrias
Profiles milling

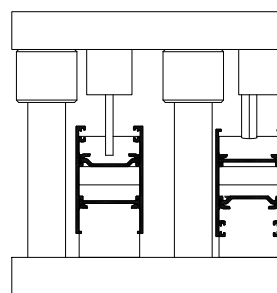
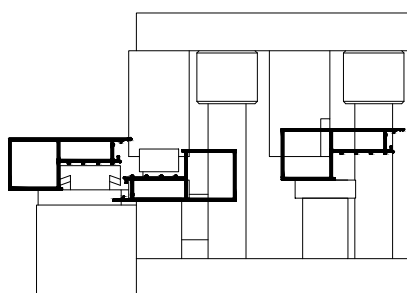
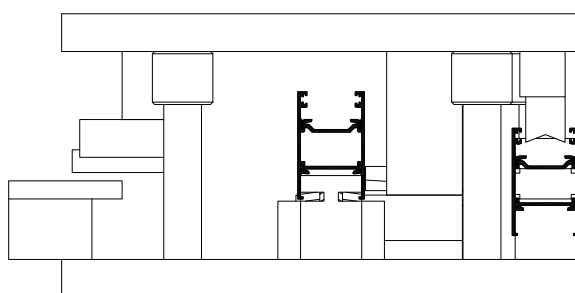
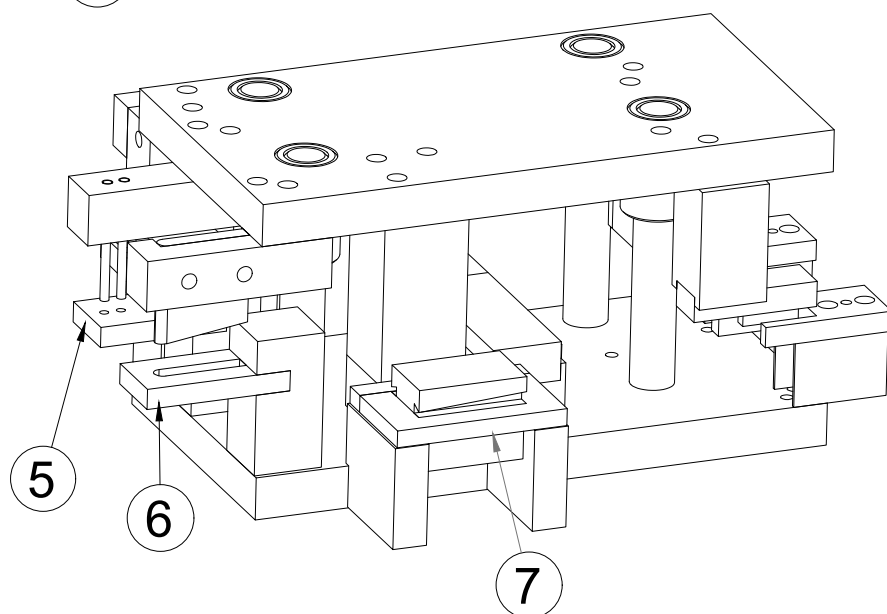
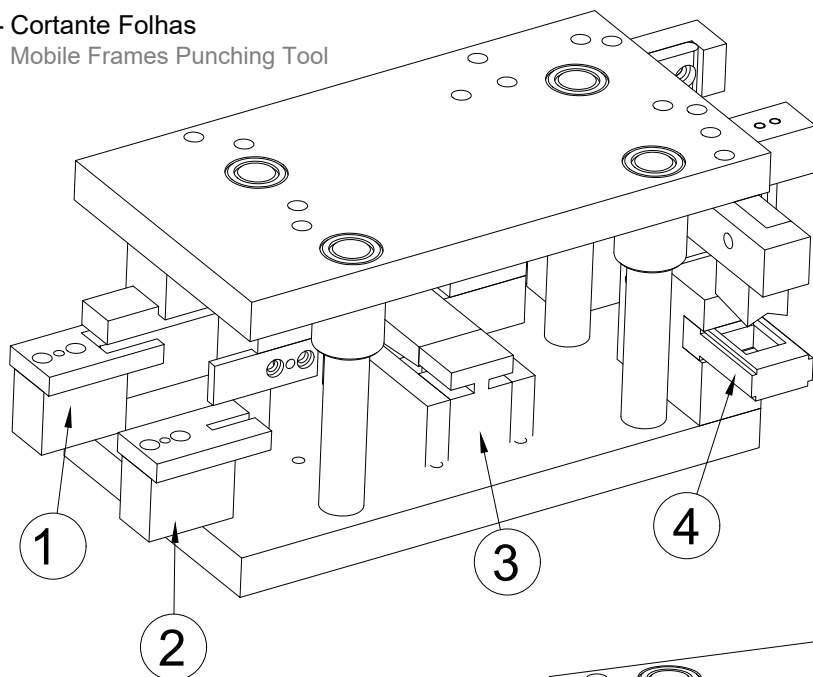
JT 01 JT 02
JT 04 JT 03

6 - Furação para esquadro
Corner cleat drilling

JT 01 JT 02
JT 04 JT 03

CORTANTES
PUNCHING TOOLS

2 - Cortante Folhas
Mobile Frames Punching Tool

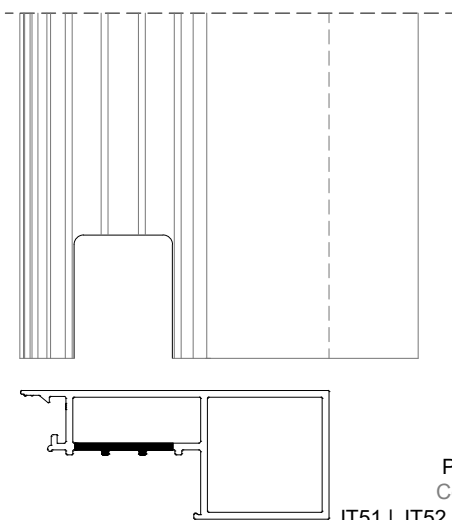


CORTANTES
PUNCHING TOOLS

2 - Cortante Folhas

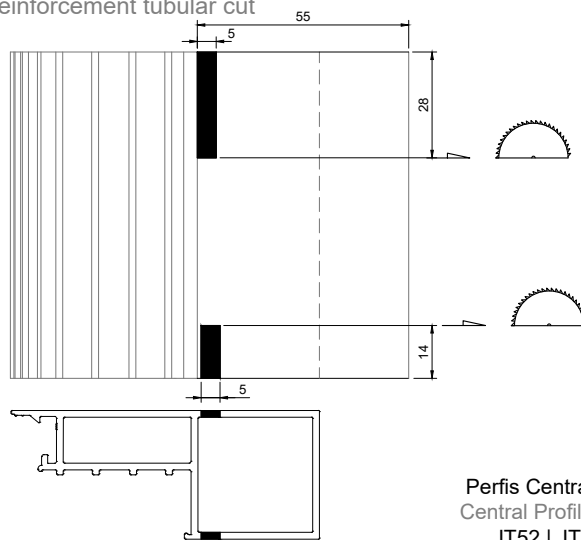
Mobile Frames Punching Tool

1 - Entalhe para topo central
Central end-cap milling



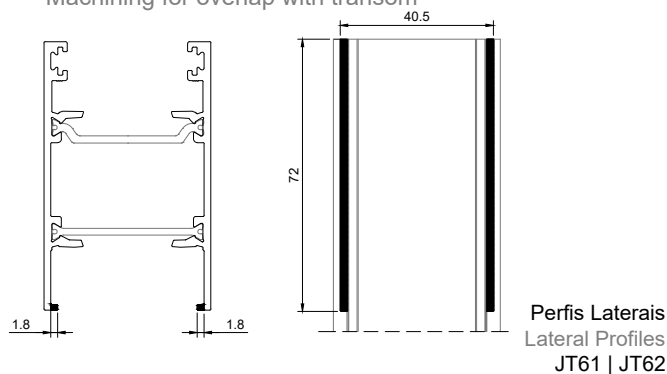
Perfis Centrais
Central Profiles
JT51 | JT52 | JT53 | JT 54

2 - Rasgo no tubular de reforço
Reinforcement tubular cut



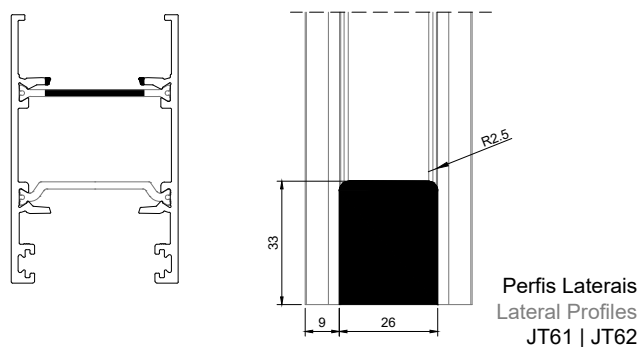
Perfis Centrais
Central Profiles
JT52 | JT53

3 - Mecanização para sobreposição com travessa
Machining for overlap with transom



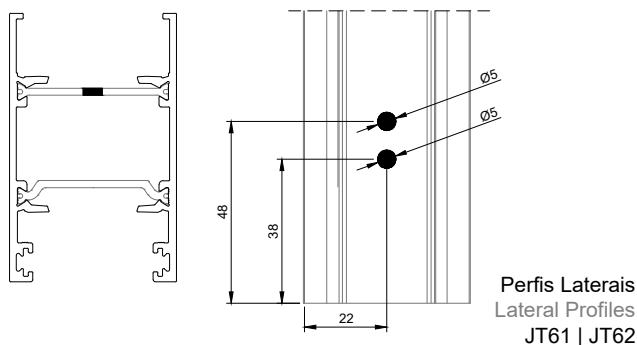
Perfis Laterais
Lateral Profiles
JT61 | JT62

4 - Entalhe para topo lateral
Lateral end-cap milling



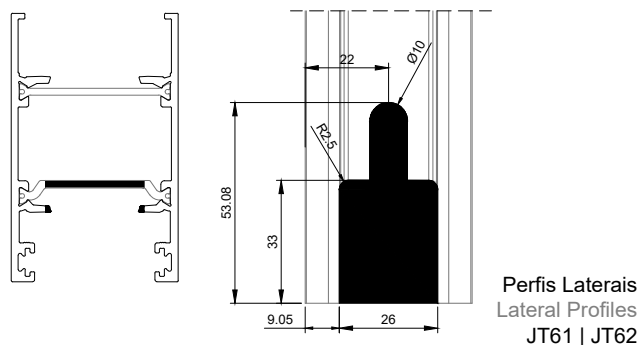
Perfis Laterais
Lateral Profiles
JT61 | JT62

5 - Furação para topo lateral
Lateral end-cap drilling



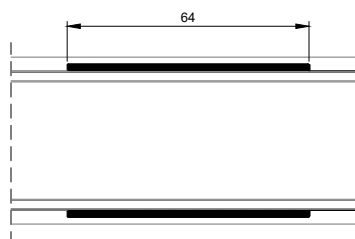
Perfis Laterais
Lateral Profiles
JT61 | JT62

6 - Entalhe para topo lateral
Lateral end-cap milling



Perfis Laterais
Lateral Profiles
JT61 | JT62

7 - Mecanização para sobreposição com travessa
Machining for overlap with transom



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