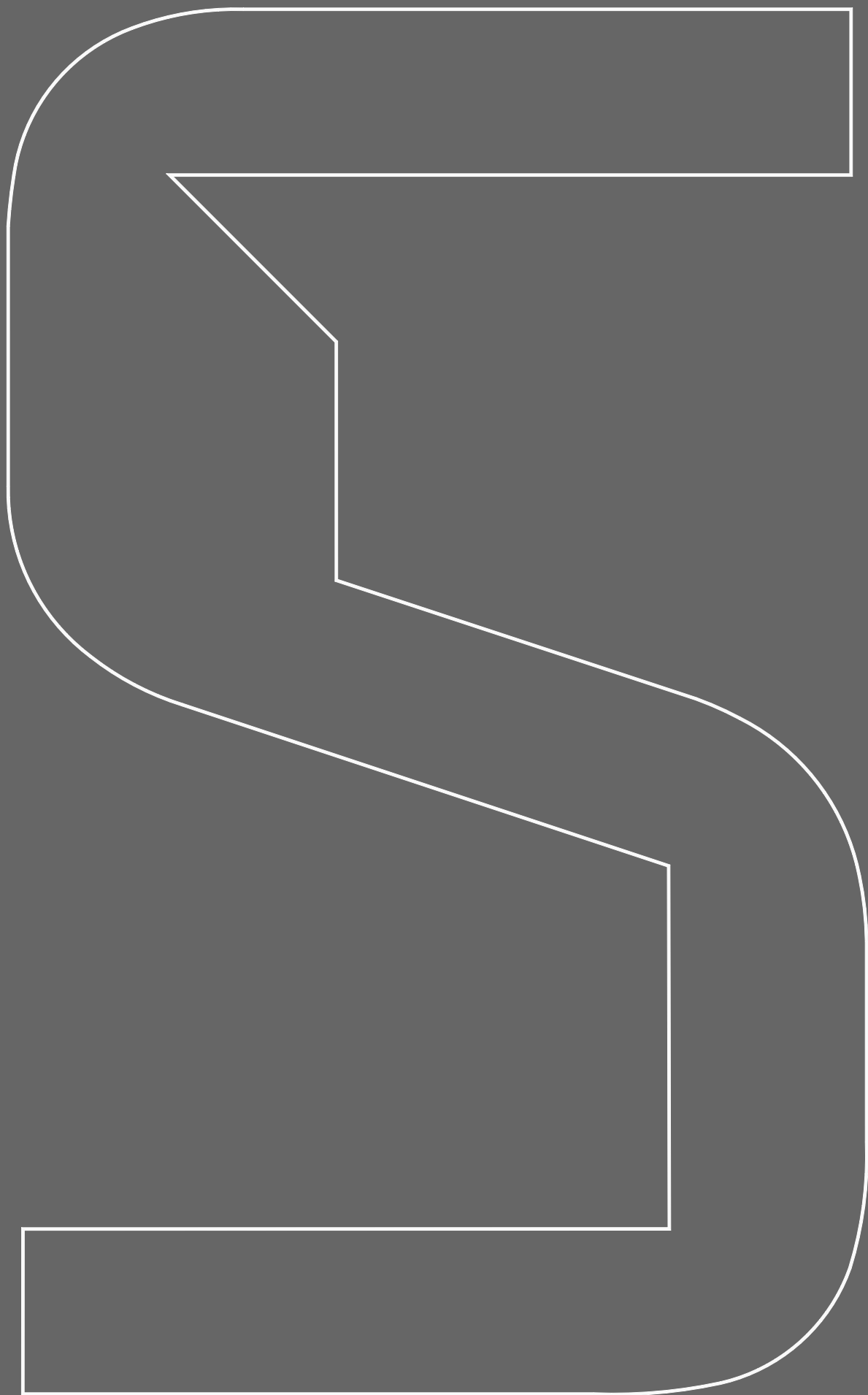


DS

sistema de portas com rutura térmica
doors system with thermal break
système de portes à rupture de pont thermique



ÍNDICE

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APRESENTAÇÃO
PRESENTATION | PRÉSENTATION

sistema de portas com rutura térmica
doors system with thermal break
système de portes à rupture de pont thermique

Sistema arrojado de linhas retas, concebido especialmente para portas de entrada de grandes dimensões, que permite tipologias de 1 ou 2 folhas de aberturas de batente para soluções mais tradicionais ou pivotantes para soluções mais modernas.

É um sistema versátil, com uma variedade de acessórios que permite ter abertura manual ou automática, garantindo segurança e funcionalidade.

Quer na vertente de porta apainelada com isolamento térmico no seu interior, quer na vertente de porta envidraçada, o sistema foi estudado para garantir excelentes prestações térmicas e acústicas, respondendo às exigências atuais do mercado.

A bold system with straight lines, specially designed for large entrance doors, with 1 or 2 sashes, with hinged openings for more traditional solutions or pivoting openings for modern solutions.

It's a versatile system with a wide range of accessories that can be opened manually or automatically, guaranteeing safety and functionality.

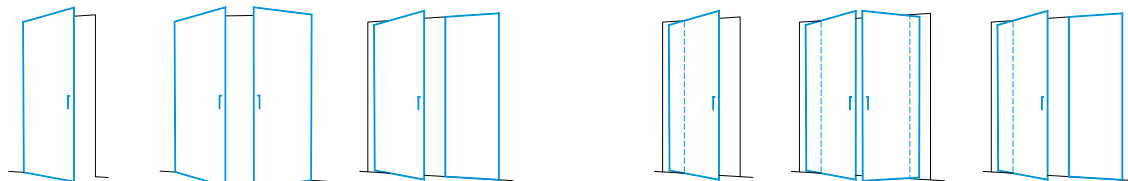
Whether as a panelled door with thermal insulation on the inside or as a glazed door, the system has been designed to guarantee excellent thermal and acoustic performance in response to current market requirements.

Système audacieux aux lignes droites, conçu spécialement pour les portes d'entrée de grandes dimensions, qui permet de réaliser des portes à 1 ou 2 vantaux avec des ouvertures à battant pour des solutions plus traditionnelles ou des ouvertures pivotantes pour des solutions plus modernes.

Il s'agit d'un système polyvalent, doté d'une variété d'accessoires, qui peut s'ouvrir manuellement ou automatiquement. Il assure ainsi à la fois la sécurité et la fonctionnalité.

Qu'il s'agisse d'une porte à panneaux avec isolation thermique à l'intérieur ou d'une porte vitrée, le système a été conçu pour garantir d'excellentes performances thermiques et acoustiques, répondant ainsi aux exigences actuelles du marché.

APRESENTAÇÃO PRESENTATION PRÉSENTATION	reta straight droite
DIMENSÕES DIMENSIONS DIMENSIONS	
aros fixos fixed frames cadre dormant	91.5mm
aros móveis mobile frames cadre ouvrant	91.5mm
ENCHIMENTO FILLING REMPLISSAGE	26mm a 60mm (vidro) (glass verre) Interior (máximo) 75mm inside (maximum) intérieur (maximum) 3 a 4 mm (apainelados) (panels panneaux)
CORTES CUTS COUPES	45° - Aro móvel Mobile frame Ouvrant 90° - Aro fixo Fixed frame Dormant
VEDAÇÃO INSULATION ÉTANCHÉITÉ	Juntas em EPDM EPDM joints Joint en EPDM
PESO MÁXIMO MAXIMUM WEIGHT POIDS MAXIMAL	500kg/folha sash vantail
ALTURA MÁXIMA MAXIMUM HEIGHT HAUTEUR MAXIMALE	3000mm/folha - Para medidas superiores, consultar o Departamento Técnico 3000mm/sash - Other dimensions, consult the Technical Department 3000mm/vantail - Autres dimensions, consulter le Département Technique
LARGURA MÁXIMA MAXIMUM WIDTH LARGEUR MAXIMALE	1400mm - Para medidas superiores, consultar o Departamento Técnico 1400mm - Other dimensions, consult the Technical Department 1400mm - Autres dimensions, consulter le Département Technique
ACABAMENTOS FINISHES FINITIONS	Lacados Anodizados Bicolores Powder coated Anodised Bicolour Laqué Anodisé Bicolore



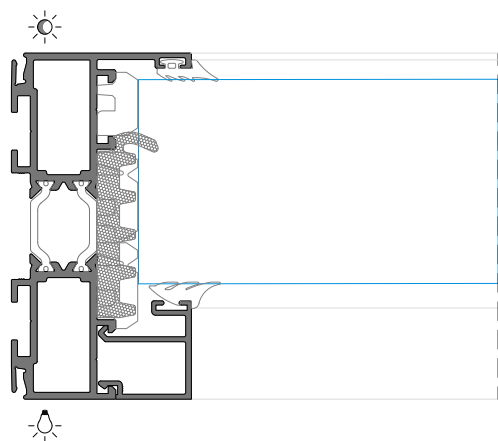
Todas as medidas são consideradas em mm, salvo as devidamente identificadas

All measurements are considered in mm, except those duly identified | Toutes les mesures sont considérées en mm saufs celles qui sont dûment identifiées

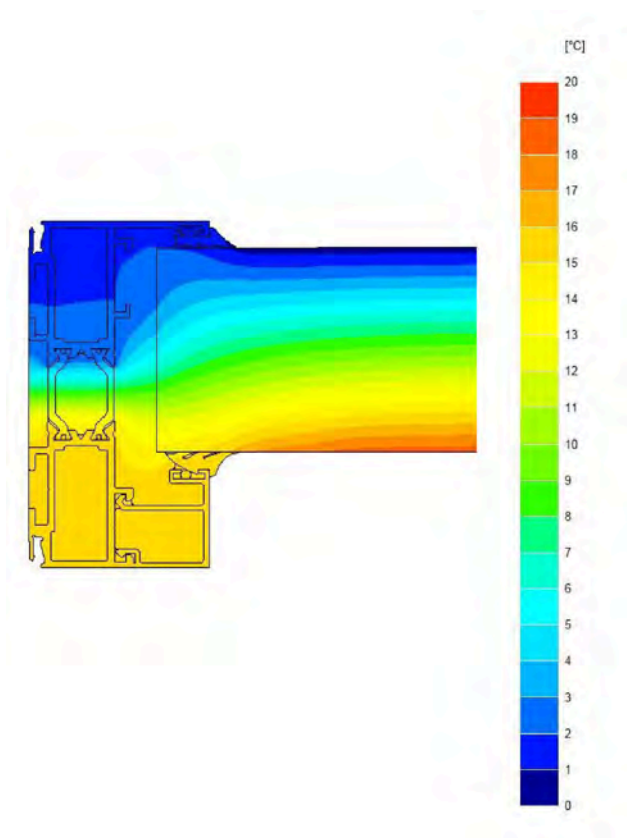
Desempenho térmico do sistema

Thermal system performance | Performance thermique du système

- Aro fixo
Fixed frame | Cadre dormant



DS 01
w = 0,0476 m
Uf = 2,937 W/(m²K)

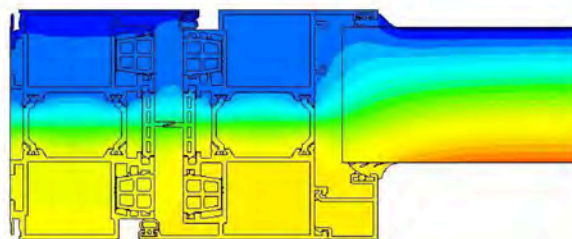
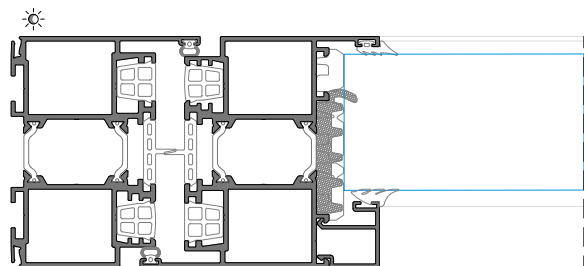


Desempenho térmico do sistema

Thermal system performance | Performance thermique du système

- Aro Fixo + Aro móvel (Abertura para interior)

Fixed frame + Mobile frame (Inward opening) | Cadre fixe + Cadre ouvrant (Ouverture vers l'intérieur)



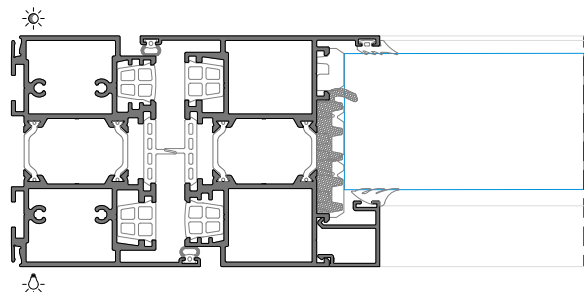
DS 07 + DS 11

$w = 0,1461 \text{ m}$

$U_f = 2,845 \text{ W/(m}^2\text{K)}$

- Aro Fixo + Aro móvel (Abertura para exterior)

Fixed Frame + Mobile frame (Outward opening) | Cadre fixe + Cadre ouvrant (Ouverture vers l'extérieur)



DS 06 + DS 12

$w = 0,1461 \text{ m}$

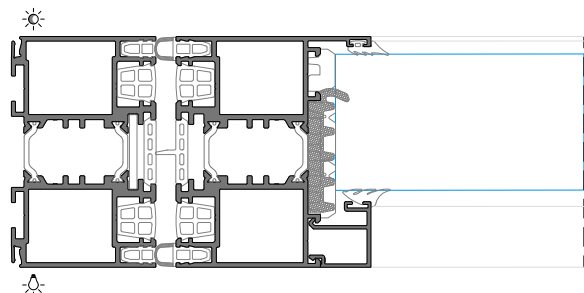
$U_f = 2,870 \text{ W/(m}^2\text{K)}$

Desempenho térmico do sistema

Thermal system performance | Performance thermique du système

- Padieira + Aro móvel (Abertura Pivotante)

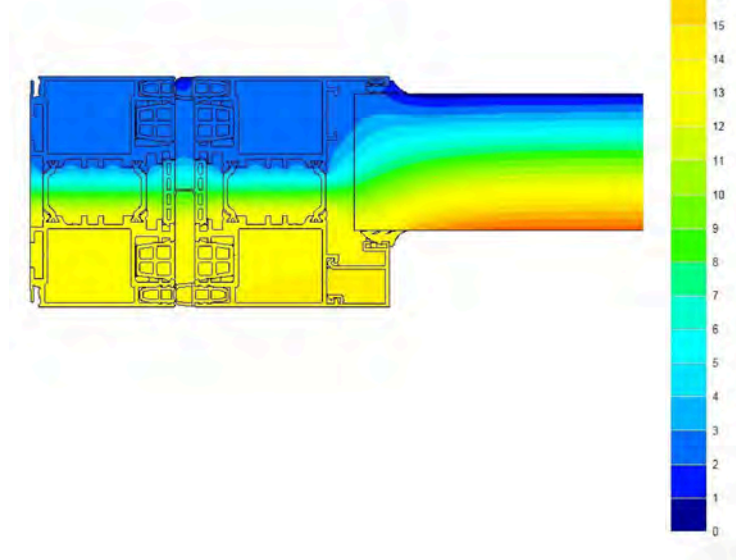
Jamb + Mobile frame (Pivoting opening) | Jambage + Cadre ouvrante (Ouverture Pivotante)



DS 04 + DS 13

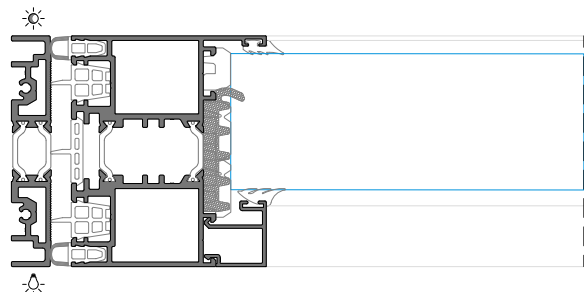
w = 0,1426 m

Uf = 2,928 W/(m²K)



- Soleira + Aro móvel (Aberturas Batente e Pivotante)

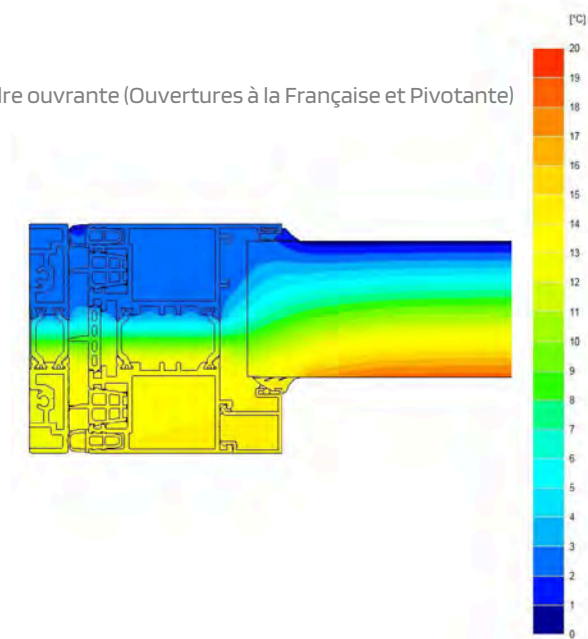
Sill + Mobile frame (Casement and pivoting openings) | Seuil + Cadre ouvrante (Ouvertures à la Française et Pivotante)



DS 49 + DS 13

w = 0,1010 m

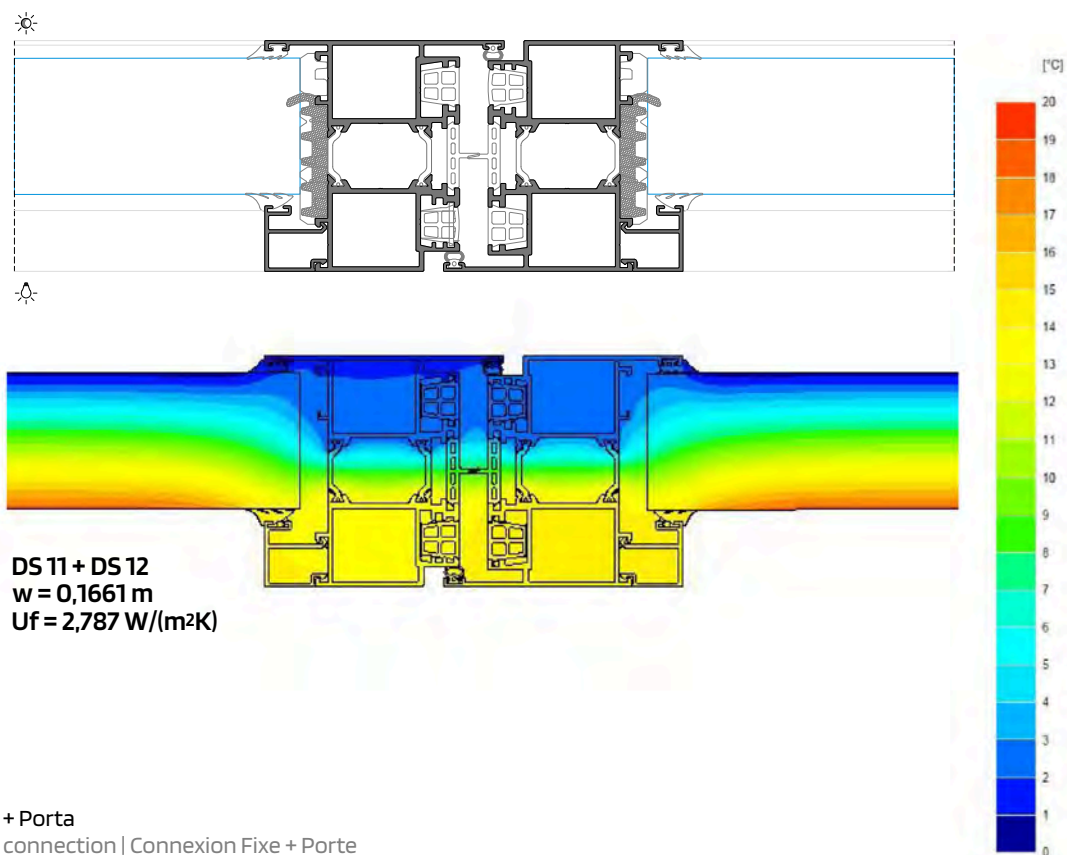
Uf = 2,888 W/(m²K)



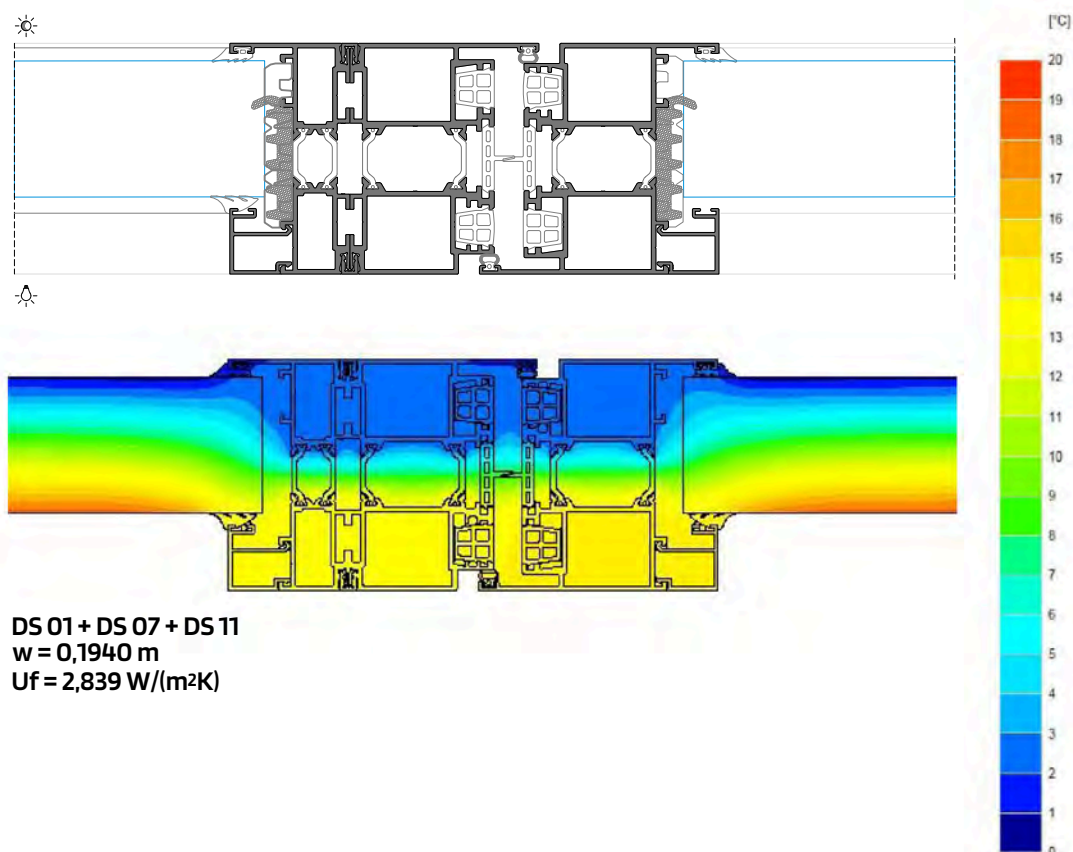
Desempenho térmico do sistema

Thermal system performance | Performance thermique du système

- Aro móvel + Batente (Abertura para interior)
Mobile frame + Inverter (Inward opening) | Cadre ouvrant + Battant (Ouverture vers l'intérieur)



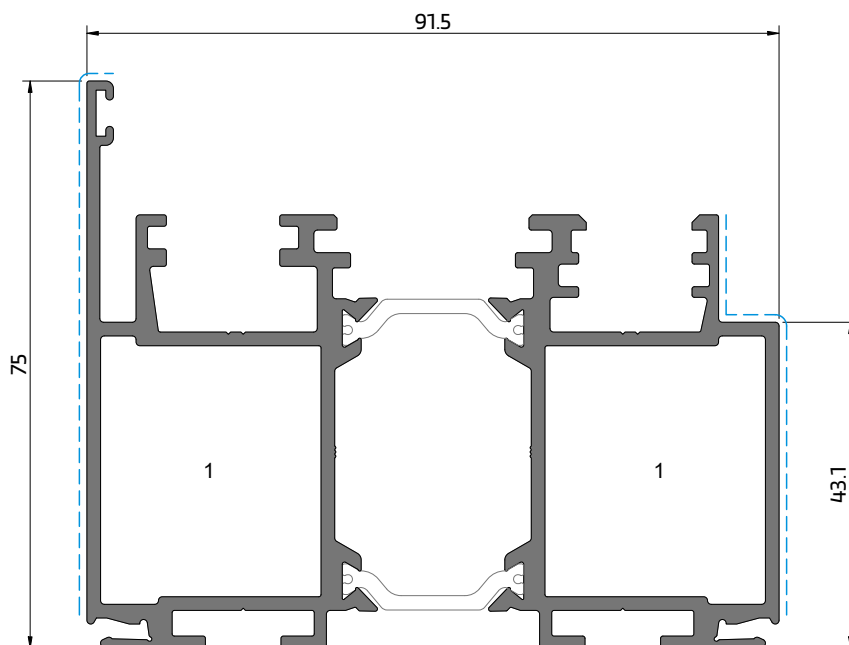
- Ligação Fixo + Porta
Fixed + Door connection | Connexion Fixe + Porte





II

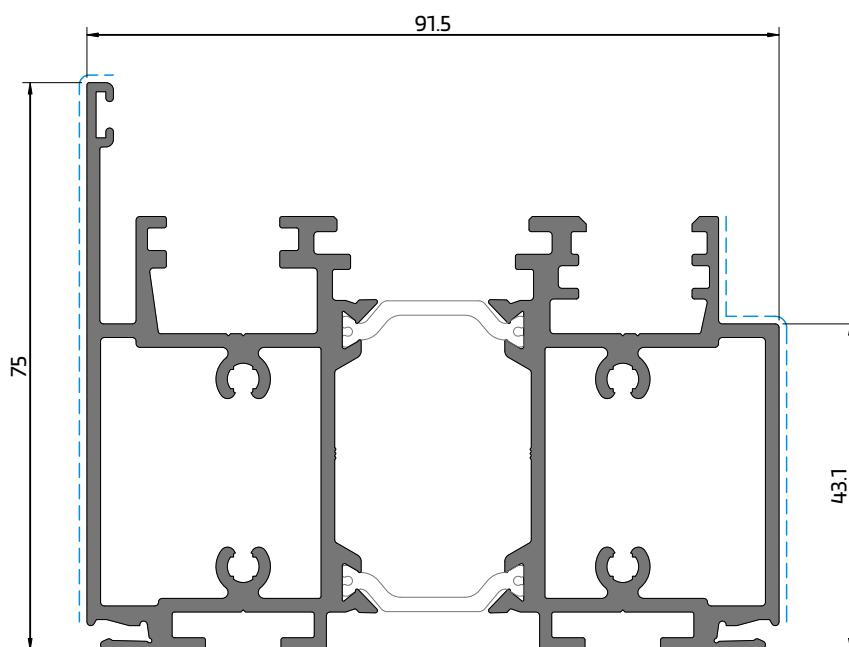
LISTAGEM DE PERFIS PROFILES LIST | LIST DES PROFILÉS



DS 07

Aro fixo e móvel renovatio

Renovatio fixed and mobile frame | Cadre dormant et ouvrant
renovatio



DS 06

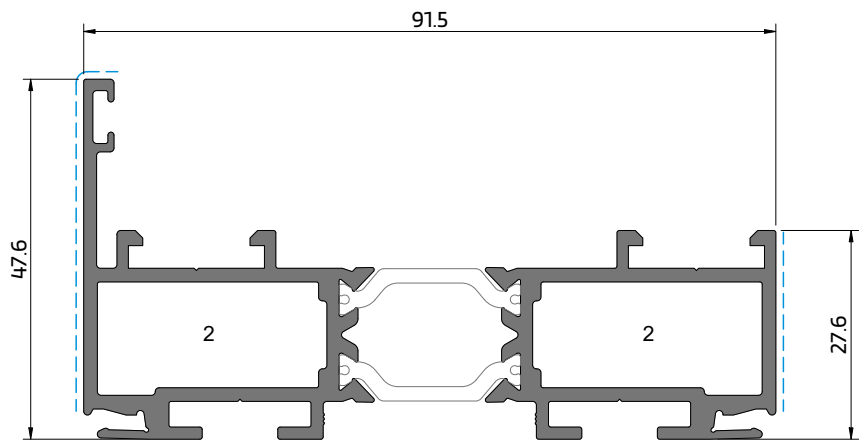
Aro fixo renovatio

Renovatio fixed frame | Cadre dormant renovatio

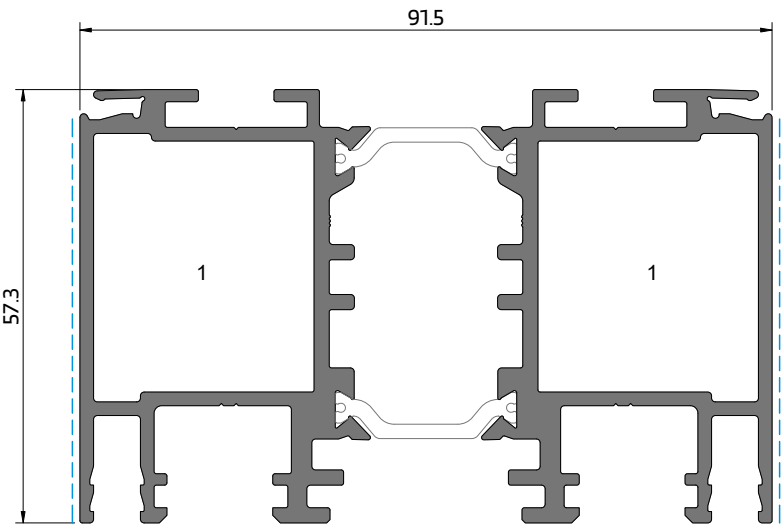
Treatamento de superfície | Surface treatment | Traitement de surface
PB | PM | EF | EM PB | PM | EF | EM PB
Para mais informações, consultar Catálogo de Cores Anodizadas
For further information, consult the Anodised Colours Catalogue | Pour plus d'informations, veuillez consulter le Catalogue des Couleurs Anodisées

1 - ESQUADRO | BRACKET | EQUÉRRE DS GRANDE 2933-D

2 - ESQUADRO | BRACKET | EQUÉRRE DS 2914-D



DS 01
Aro fixo renovatio
Renovatio fixed frame | Cadre dormant renovatio

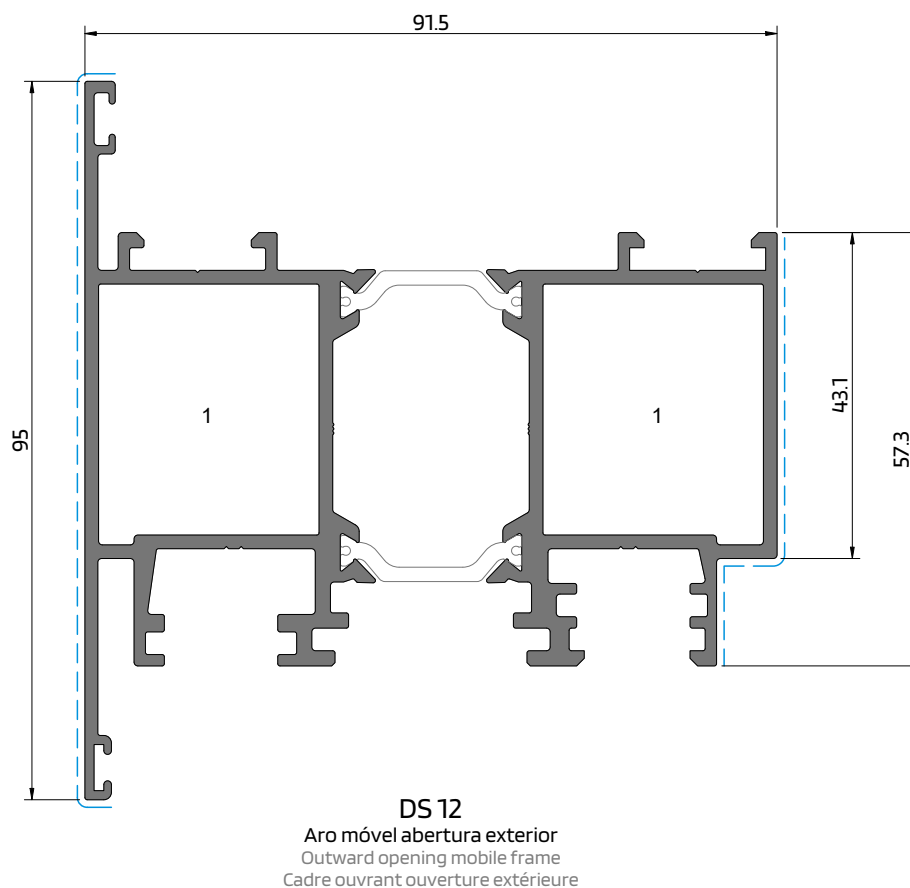
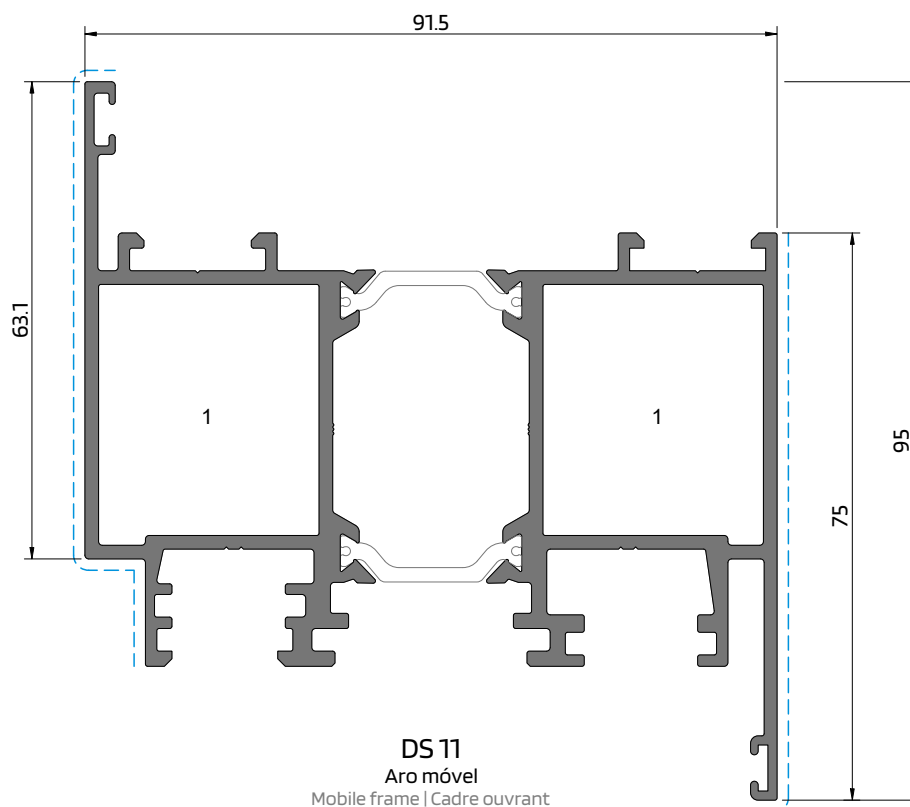


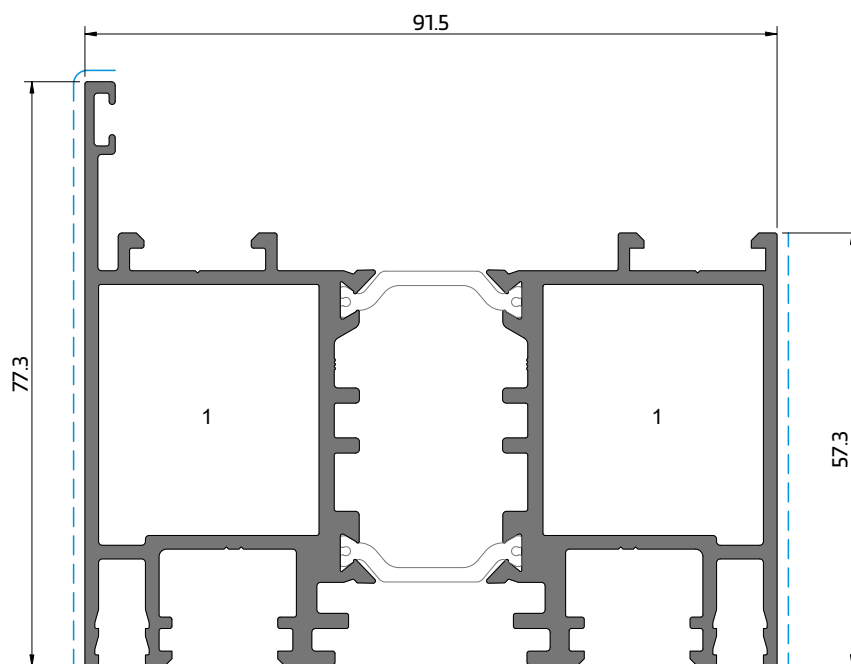
DS 04
Padieira / Travessa
Door lintel / Transom | Linteau / Traverse

Treatamento de superfície | Surface treatment | Traitement de surface
PB | PM | EF | EM PB | PM | EF | EM PB
Para mais informações, consultar Catálogo de Cores Anodizadas
For further information, consult the Anodised Colours Catalogue | Pour plus d'informations, veuillez consulter le Catalogue des Couleurs Anodisées

1 - ESQUADRO | BRACKET | EQUÉRRE DS GRANDE 2933-D

2 - ESQUADRO | BRACKET | EQUÉRRE DS 2914-D

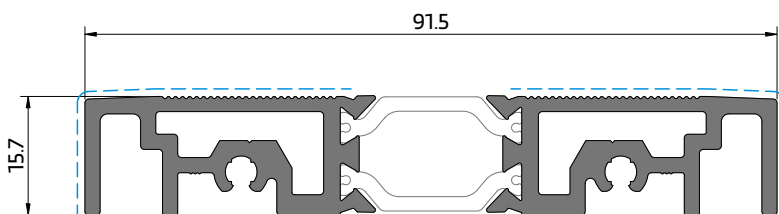




DS 13

Perfil móvel superior/inferior

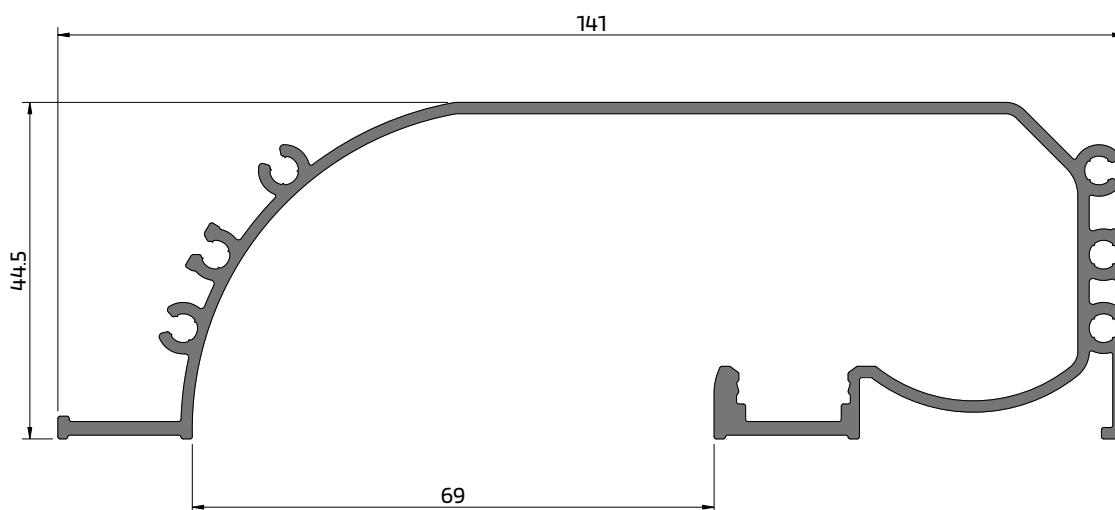
Top/bottom mobile profile | Cadre ouvrant supérieur/inférieur



DS 49

Soleira

Sill | Seuil



SO 81

Puxador Embutido

Built-in handle | Poignée intégrée

1 - ESQUADRO | BRACKET | EQUÉRRE DS GRANDE 2933-D

2 - ESQUADRO | BRACKET | EQUÉRRE DS 2914-D

Treatamento de superfície | Surface treatment | Traitement de surface

PB | PM | EF | EM

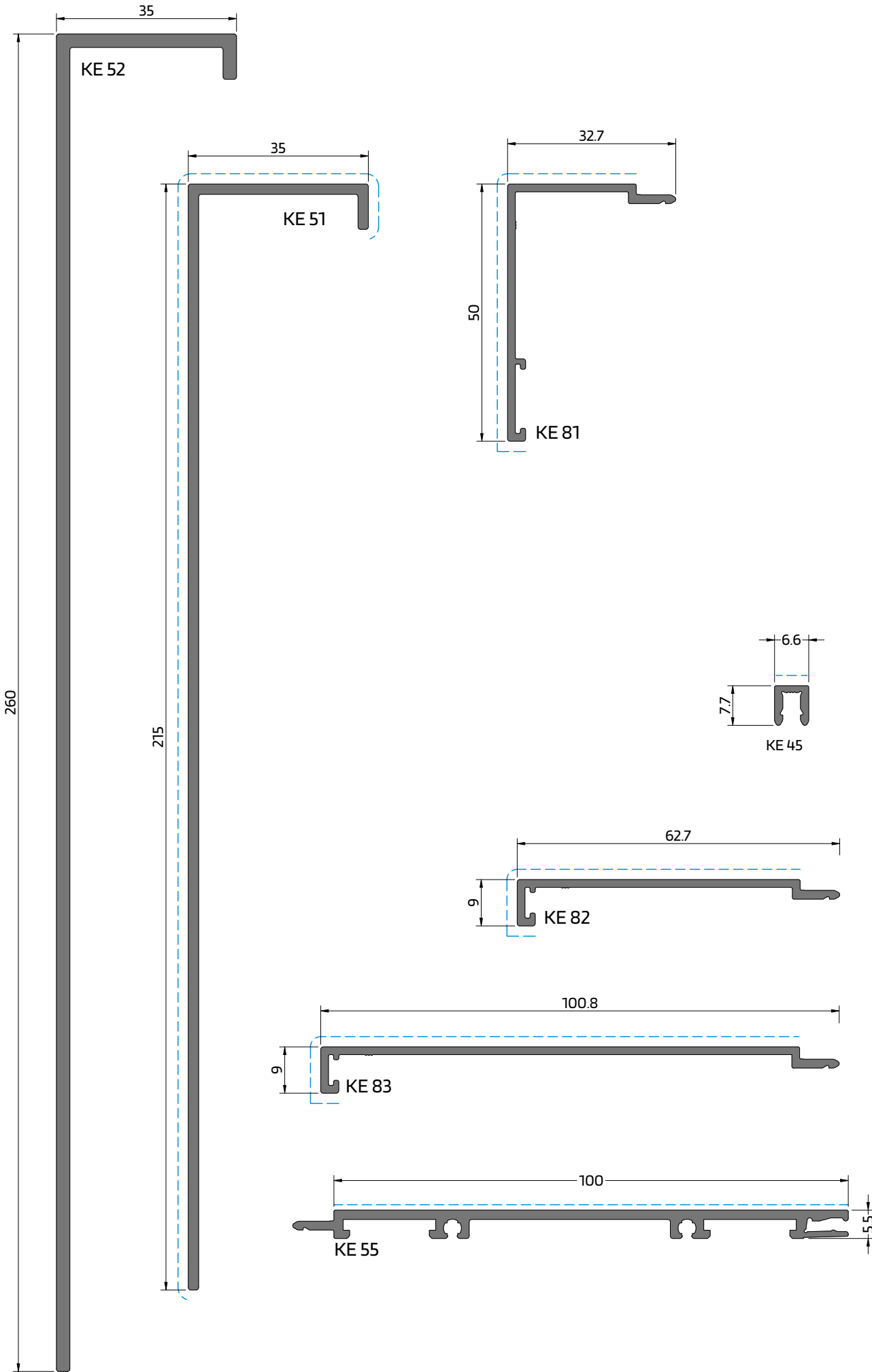
PB | EF | EM

PB | PM | EM

PB

Para mais informações, consultar Catálogo de Cores Anodizadas

For further information, consult the Anodised Colours Catalogue | Pour plus d'informations, veuillez consulter le Catalogue des Couleurs Anodisées



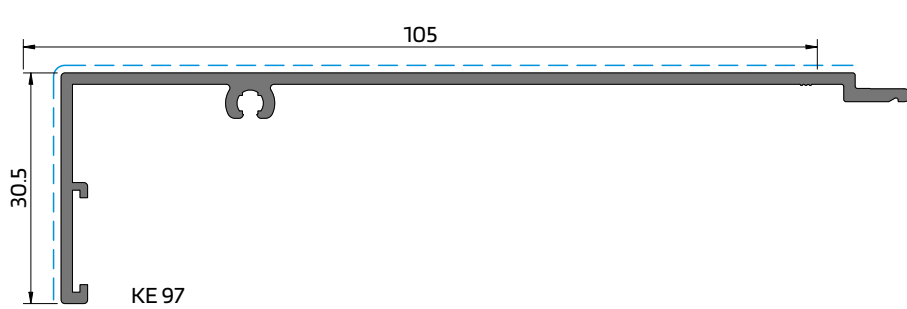
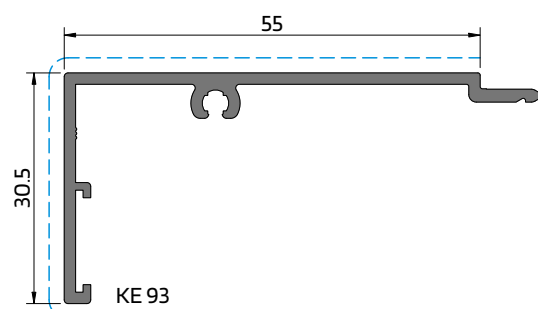
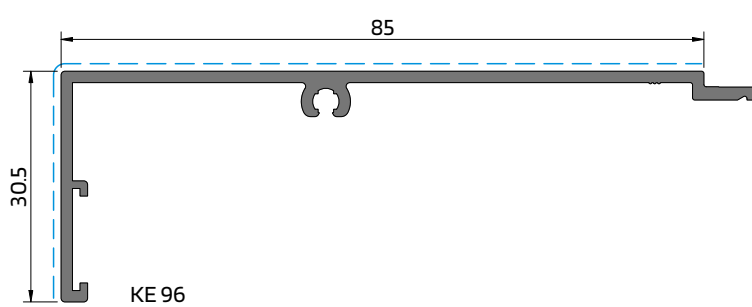
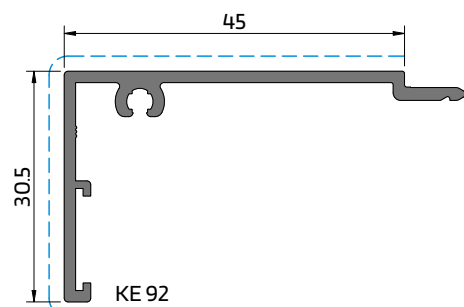
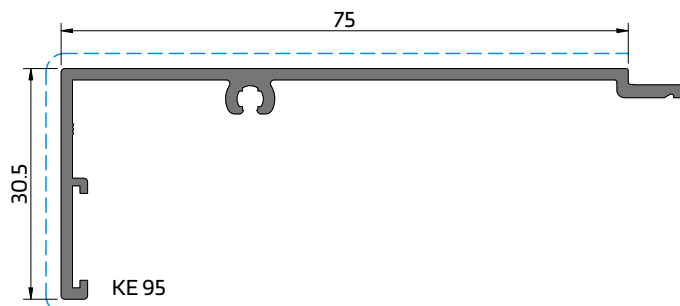
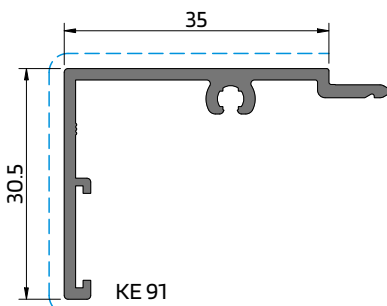
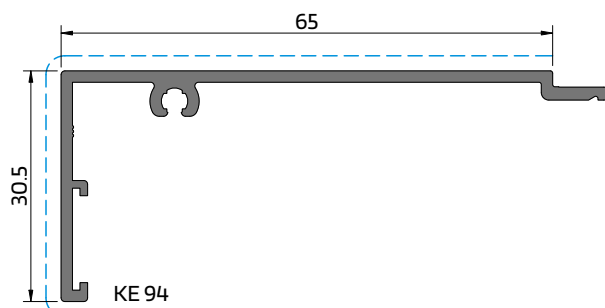
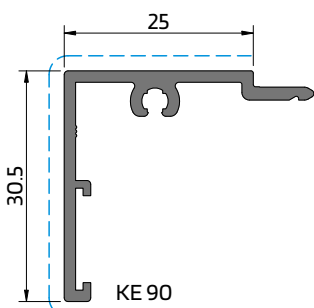
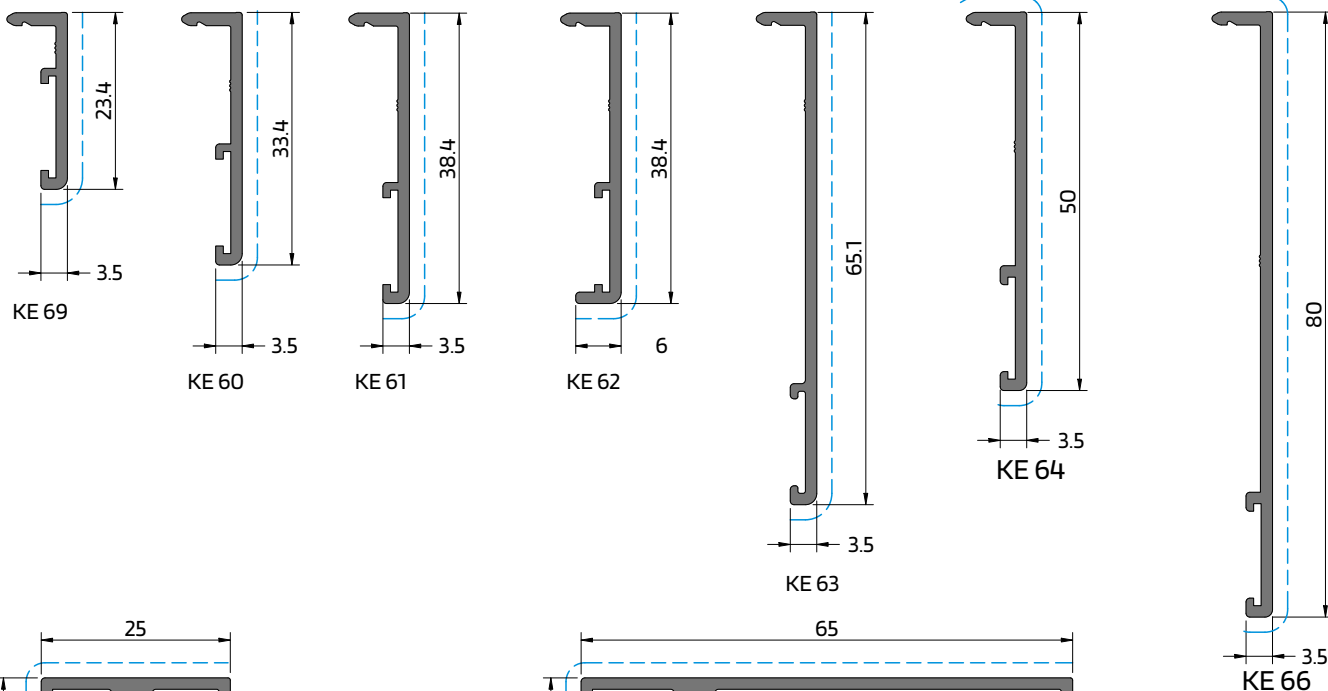


TABELA ORIENTATIVA DE BITES APLICADOS EM AMBOS OS LADOS

SCHEDULE FOR GLAZING BEADS APPLIED ON BOTH SIDES

TABLE DES PARCLOSES APPLIQUÉS DES DEUX CÔTÉS

Com a utilização do vedante VD 2172

With the use of VD 2172 sealant
Avec l'utilisation du joint VD 2172

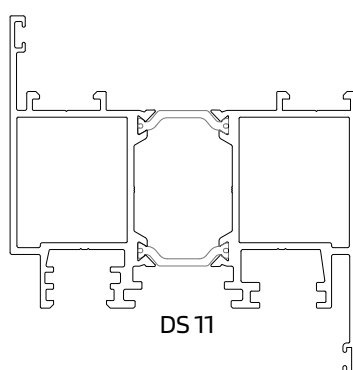
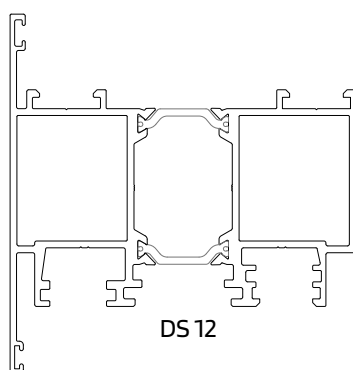
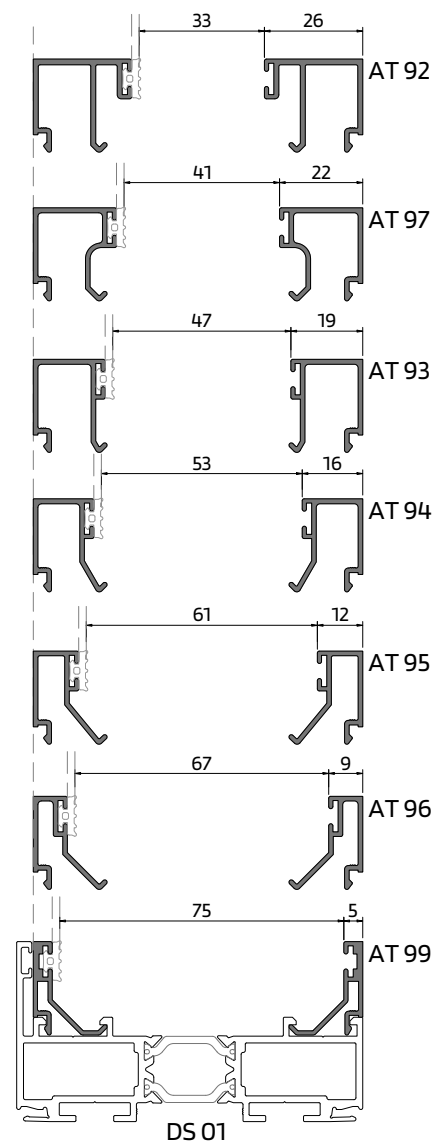
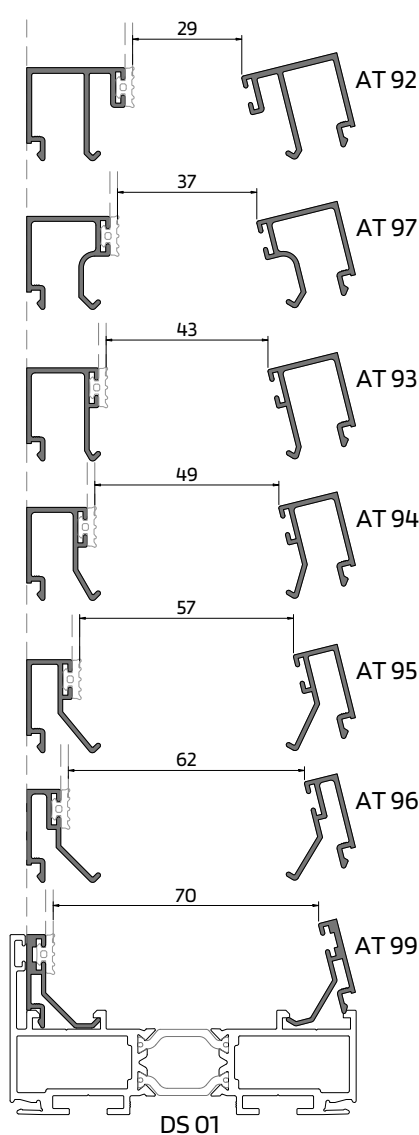
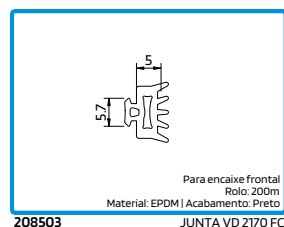
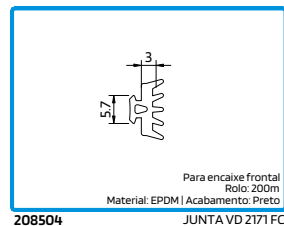
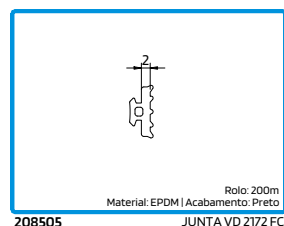
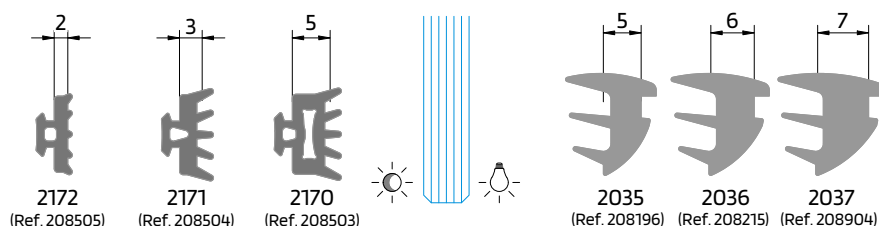


TABELA ORIENTATIVA DE BITES APLICADOS EM AMBOS OS LADOS

SCHEDULE FOR GLAZING BEADS APPLIED ON BOTH SIDES

TABLE DES PARCLOSES APPLIQUÉES DES DEUX CÔTÉS



O Grupo Sosoares aconselha sempre a utilização do mesmo Bite no interior e no exterior

The Sosoares Group always recommends using the same Glazing bead both inside and outside

Le groupe Sosoares recommande toujours d'utiliser le même Parclose à l'intérieur comme à l'extérieur.

BITES RETOS EXTERIORES OUTER STRAIGHT GLAZING BEADS PARCLOSES DROITES EXTÉRIEURES	VEDANTE EXTERIOR OUTER GASKET JOINT EXTÉRIEUR	ESPESSURA DO VIDRO GLASS THICKNESS ÉPAISSEUR DU VERRE	VEDANTE INTERIOR INNER GASKET JOINT INTÉRIEUR	BITES RETOS INTERIORES INNER STRAIGHT GLAZING BEADS PARCLOSES DROITES INTÉRIEURES
AT 97	2170	32	2037	AT 97
AT 97	2170	33	2036	AT 97
AT 97	2171	34	2037	AT 97
AT 97	2172	35	2037	AT 97
AT 97	2172	36	2036	AT 97
AT 93	2170	38	2037	AT 93
AT 93	2170	39	2036	AT 93
AT 93	2171	40	2037	AT 93
AT 93	2172	41	2037	AT 93
AT 93	2172	42	2036	AT 93
AT 94	2170	44	2037	AT 94
AT 94	2170	45	2036	AT 94
AT 94	2171	46	2037	AT 94
AT 94	2172	47	2037	AT 94
AT 94	2172	48	2036	AT 94
AT 95	2170	52	2037	AT 95
AT 95	2170	53	2036	AT 95
AT 95	2171	54	2037	AT 95
AT 95	2172	55	2037	AT 95
AT 95	2172	56	2036	AT 95
AT 96	2170	58	2037	AT 96
AT 96	2170	59	2036	AT 96
AT 96	2171	60	2037	AT 96

Com outro tipo de enchimento, é possível atingir espessuras até às seguintes:

With other types of filling, it is possible to achieve thicknesses up to the following:

Avec un autre type de remplissage, il est possible d'atteindre les épaisseurs suivantes :

BITES RETOS EXTERIORES OUTER STRAIGHT GLAZING BEADS PARCLOSES DROITES EXTÉRIEURES	VEDANTE EXTERIOR OUTER GASKET JOINT EXTÉRIEUR	ENCHIMENTO FILLING REPLISSAGE	VEDANTE INTERIOR INNER GASKET JOINT INTÉRIEUR	BITES RETOS INTERIORES INNER STRAIGHT GLAZING BEADS PARCLOSES DROITES INTÉRIEURES
AT 96	2172	61	2037	AT 96
AT 96	2172	62	2036	AT 96
AT 99	2170	66	2037	AT 99
AT 99	2170	67	2036	AT 99
AT 99	2171	68	2037	AT 99
AT 99	2172	69	2037	AT 99
AT 99	2172	70	2036	AT 99

APLICAÇÃO DE SILICONE NEUTRO NOS PERFIS DS 01, DS 11, DS 12 e DS 13
APPLICATION OF NEUTRAL SILICONE ON PROFILES DS 01, DS 11, DS 12 and DS 13
APPLICATION DE SILICONE NEUTRE SUR LES PROFILÉS DS 01, DS 11, DS 12 ET DS 13

Antes de se colocar o bite exterior, preencher a câmara do vão com silicone, a toda a volta.
Before inserting the glazing bead, fill the gap chamber with silicone all around.
Avant d'insérer la parclose, remplissez tout le pourtour de la chambre vide avec du silicone.

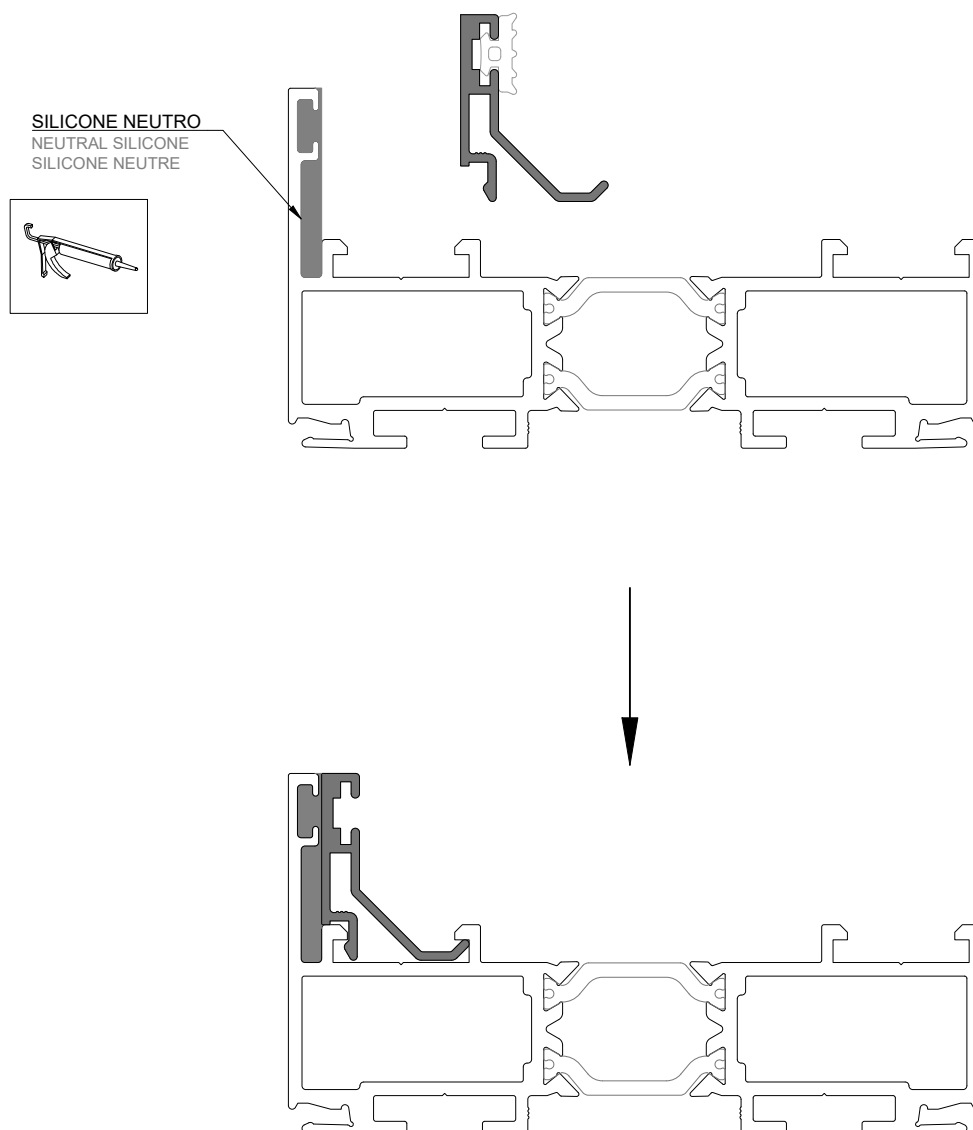


TABELA ORIENTATIVA DE BITES APLICADOS APENAS NO INTERIOR
SCHEDULE FOR GLAZING BEADS APPLIED ONLY TO THE INTERIOR
TABLE DES PARCLOSES APPLIQUÉS UNIQUEMENT À L'INTÉRIEUR

Com a utilização do vedante VD 2172
With the use of VD 2172 sealant
Avec l'utilisation du joint VD 2172

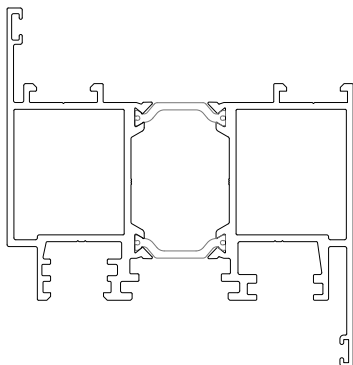
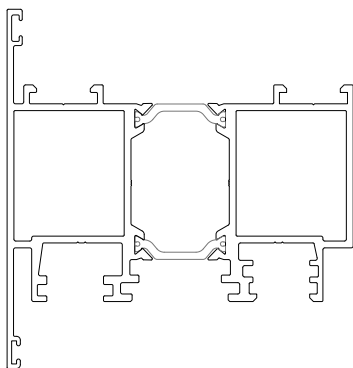
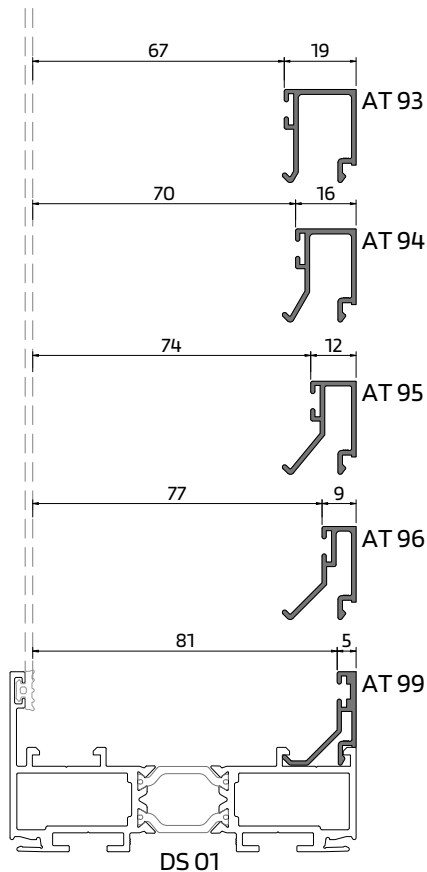
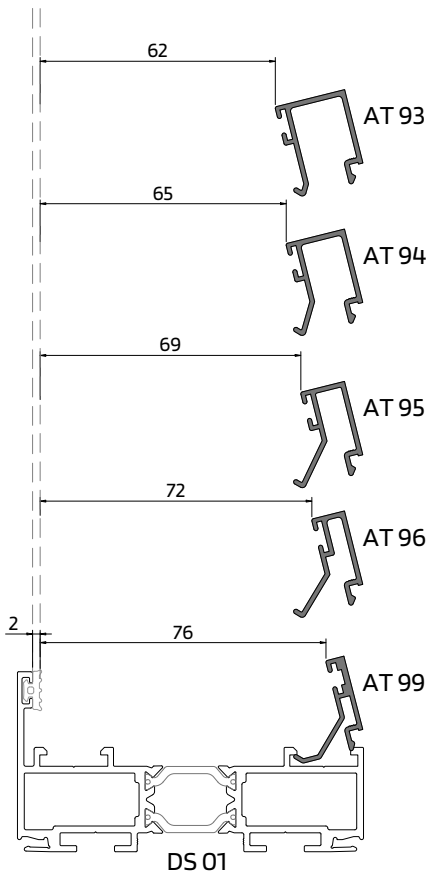
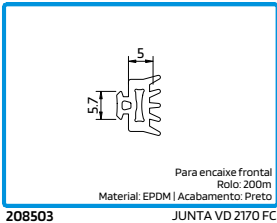
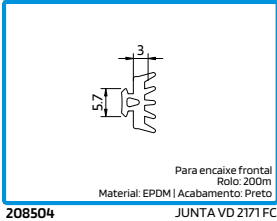
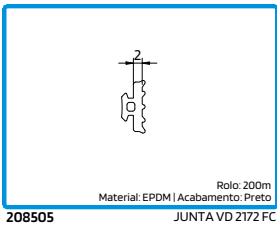
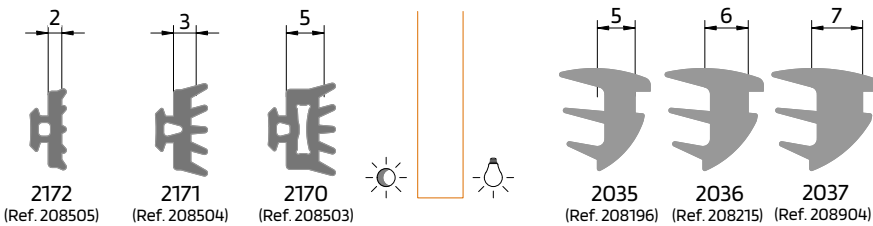


TABELA ORIENTATIVA DE BITES APLICADOS APENAS NO INTERIOR
SCHEDULE FOR GLAZING BEADS APPLIED ONLY TO THE INTERIOR
TABLE DES PARCLOSES APPLIQUÉS UNIQUEMENT À L'INTÉRIEUR



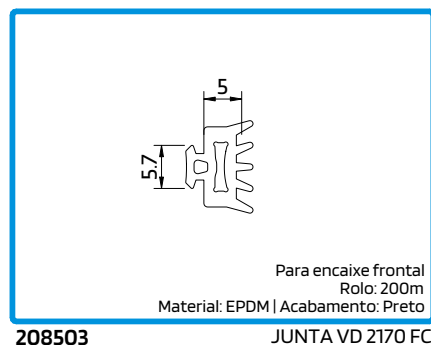
Com outro tipo de enchimento, é possível atingir espessuras até às seguintes:
With other types of filling, it is possible to achieve thicknesses up to the following:
Avec un autre type de remplissage, il est possible d'atteindre les épaisseurs suivantes :

VEDANTE EXTERIOR OUTER GASKET JOINT EXTÉRIEUR	ENCHIMENTO FILLING REMPLISSAGE	VEDANTE INTERIOR INNER GASKET JOINT INTÉRIEUR	BITES RETOS INTERIORES INNER STRAIGHT GLAZING BEADS PARCLOSES DROITES INTÉRIEURES
2172	61	2037	AT 93
2172	62	2036	AT 93
2171	63	2036	AT 94
2171	64	2035	AT 94
2172	65	2035	AT 94
2172	66	2035	AT 95
2171	67	2036	AT 95
2172	68	2036	AT 95
2172	69	2035	AT 95
2171	70	2036	AT 96
2171	71	2035	AT 96
2170	72	2035	AT 96
2170	73	2035	AT 99
2171	74	2036	AT 99
2171	75	2035	AT 99
2172	76	2035	AT 99



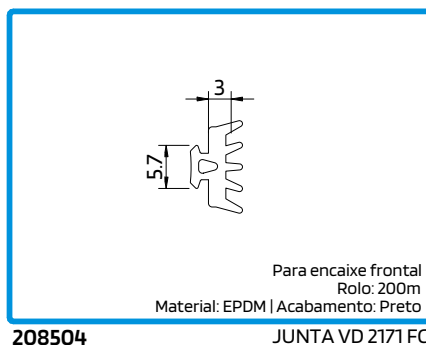
LISTAGEM DE ACESSÓRIOS
ACCESSORIES LIST | LIST D'ACCESSOIRES

VEDANTES E PELÚCIAS
SEALS AND GASKETS | JOINTS ET JOINTS BROSSES



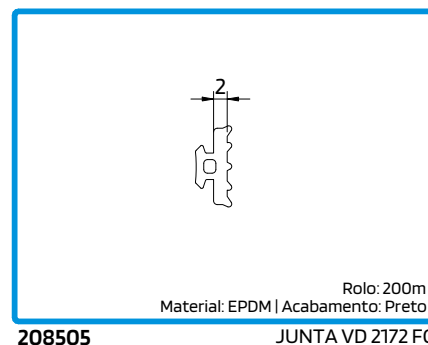
208503

JUNTA VD 2170 FC



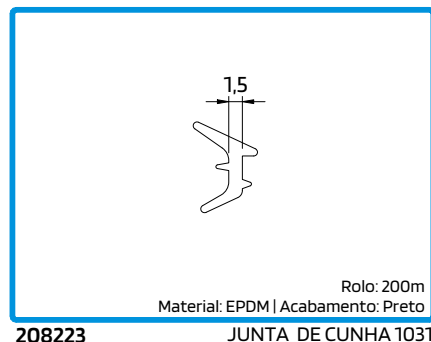
208504

JUNTA VD 2171 FC



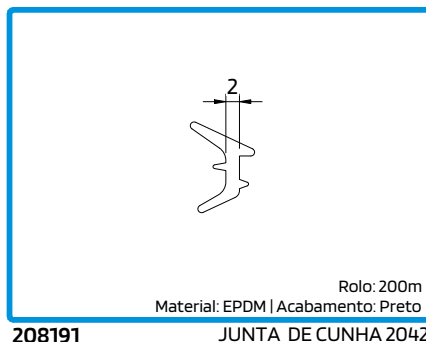
208505

JUNTA VD 2172 FC



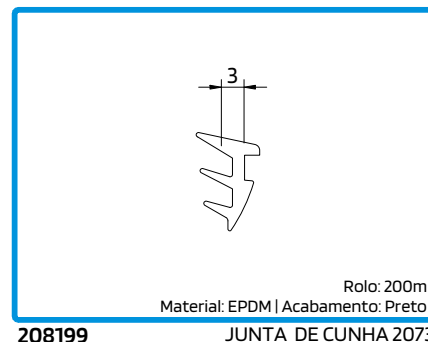
208223

JUNTA DE CUNHA 1031



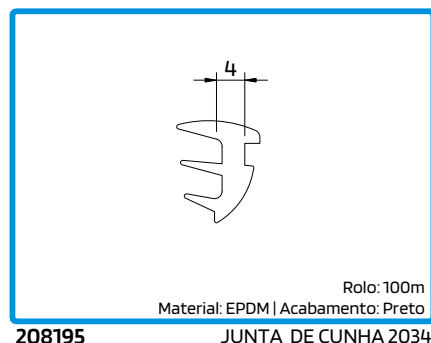
208191

JUNTA DE CUNHA 2042



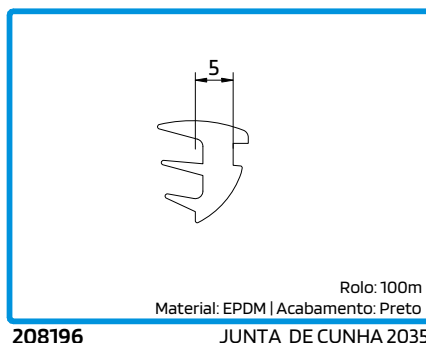
208199

JUNTA DE CUNHA 2073



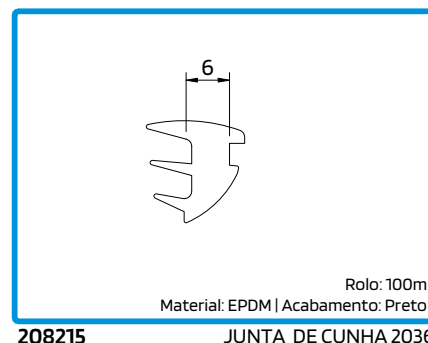
208195

JUNTA DE CUNHA 2034



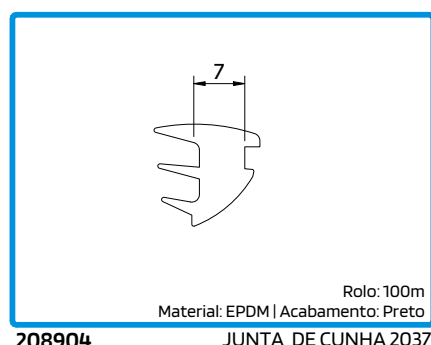
208196

JUNTA DE CUNHA 2035



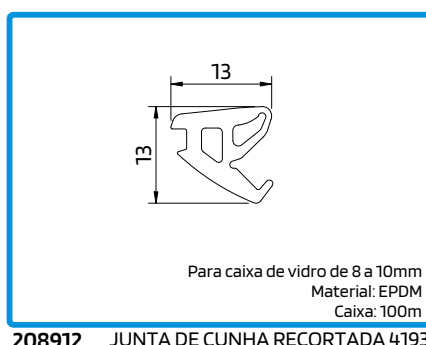
208215

JUNTA DE CUNHA 2036



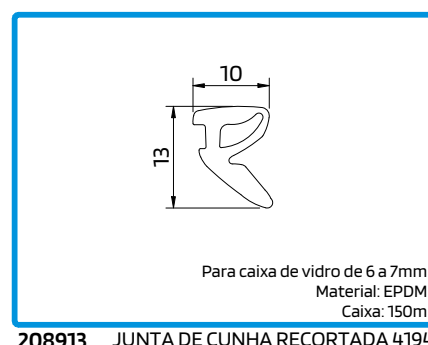
208904

JUNTA DE CUNHA 2037



208912

JUNTA DE CUNHA RECORTADA 4193



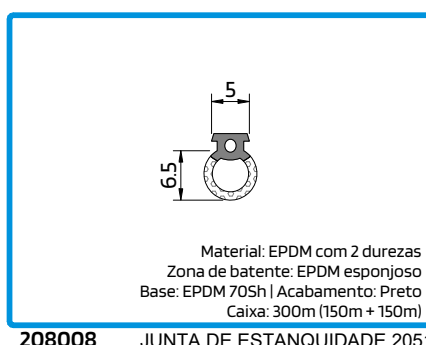
208913

JUNTA DE CUNHA RECORTADA 4194



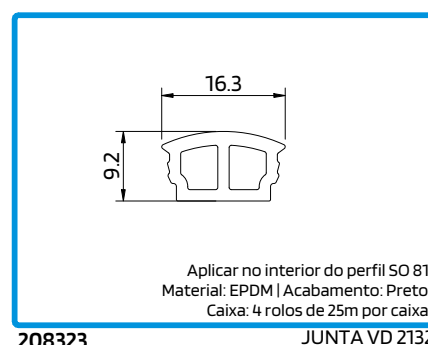
208914

JUNTA DE CUNHA RECORTADA 4195



208008

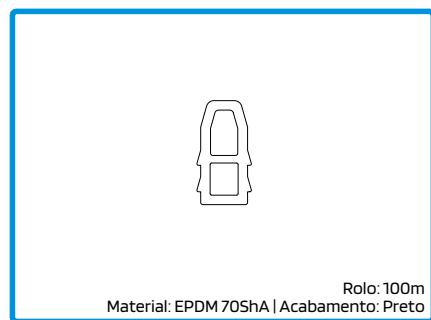
JUNTA DE ESTANQUIDADE 2051



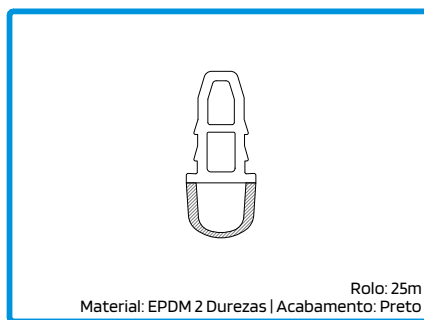
208323

JUNTA VD 2132

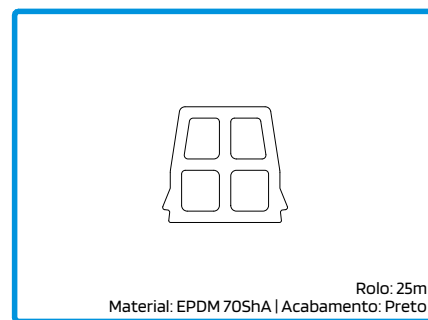
VEDANTES E PELÚCIAS
SEALS AND GASKETS | JOINTS ET JOINTS BROSSES



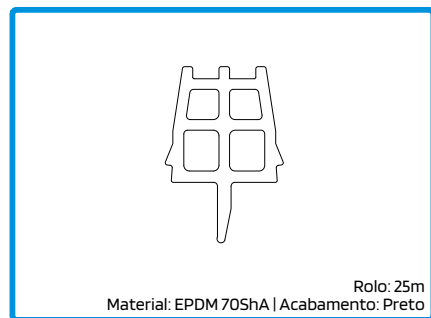
208361 JUNTA TAPA CANAL 2182 DS



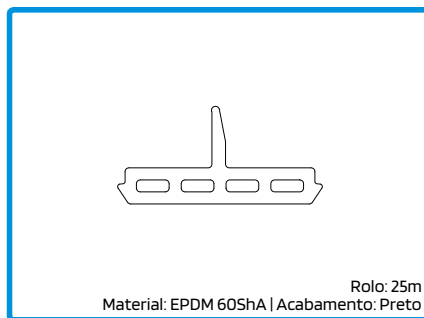
208353 JUNTA VD 2130 DS



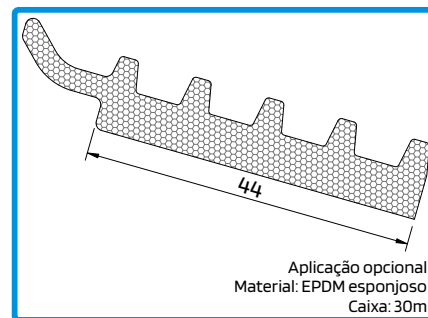
208359 JUNTA TAPA CANAL 2180 DS



208360 JUNTA TAPA CANAL 2181 DS

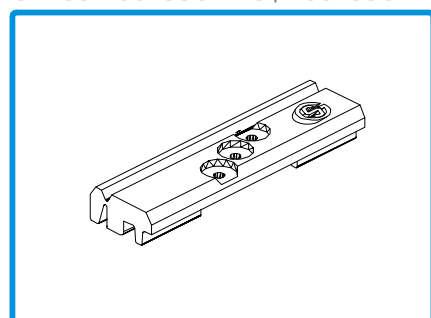


208227 JUNTA VEDAÇÃO CENTRAL 2287 DS

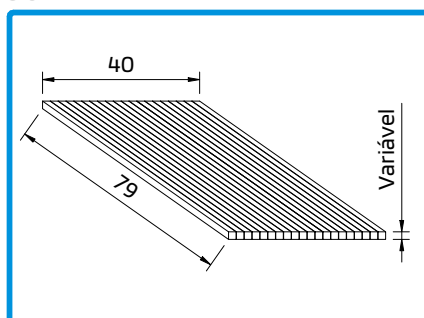


208182 JUNTA 2090

ACESSÓRIOS PARA VIDRO
GLASS ACCESSORIES | ACCESSOIRES POUR VERRE



218194 CALÇO P/VIDRO EURO 2000 Nylon



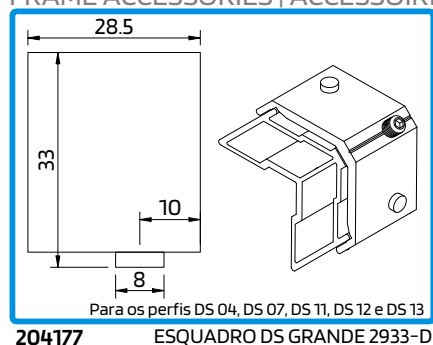
218113 CALÇO PARA VIDRO 79x40x2
218109 CALÇO PARA VIDRO 79x40x3
218111 CALÇO PARA VIDRO 79x40x4
218112 CALÇO PARA VIDRO 79x40x5

ACESSÓRIOS DE ESTANQUICIDADE
WATERTIGHTNESS ACCESSORIES
ACCESSOIRES D'ÉTANCHÉITÉ

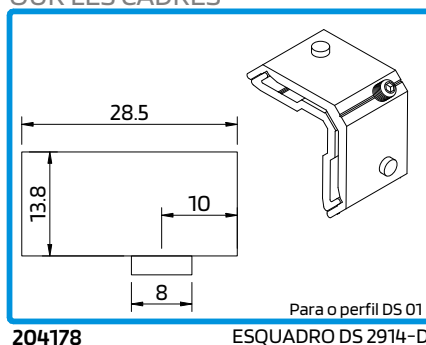


210268 GOTEIRA C/ VÁLV. SVE

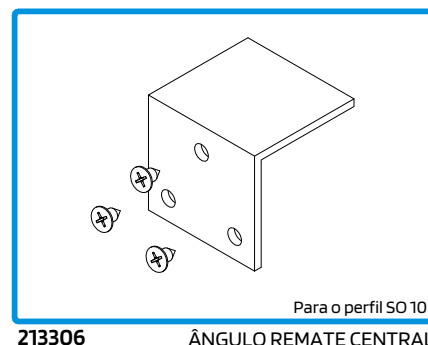
ACESSÓRIOS PARA OS AROS
FRAME ACCESSORIES | ACCESSOIRES POUR LES CADRES



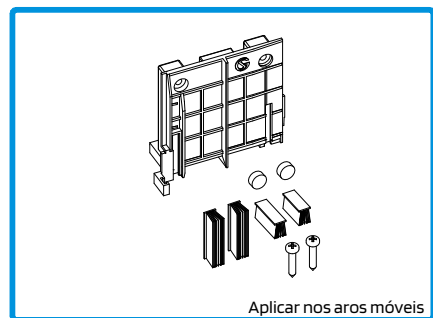
204177 ESQUADRO DS GRANDE 2933-D



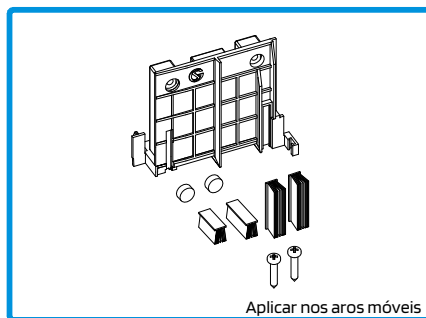
204178 ESQUADRO DS 2914-D



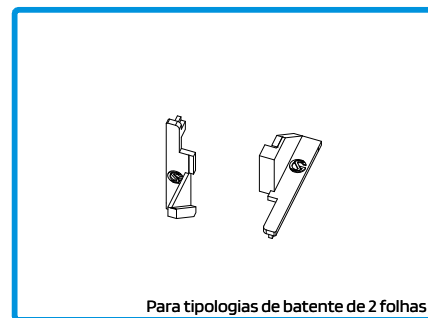
213306 ÂNGULO REMATE CENTRAL



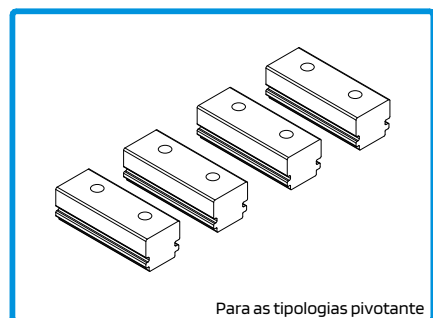
210507 TOPO SUP/INF LATERAL DS DIR



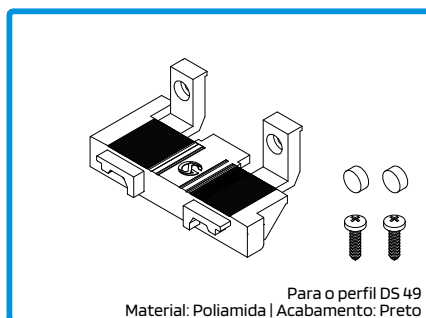
210508 TOPO SUP/INF LATERAL DS ESQ



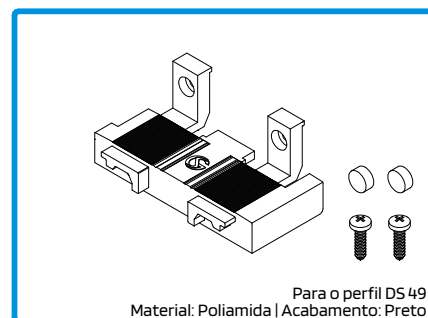
212417 CONJ. TOPOS SUPERIORES 2 FOLHAS DS



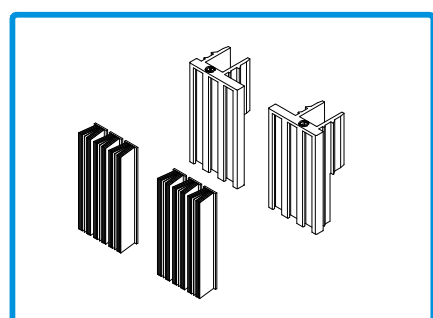
212415 CONJ. CALÇOS FIX.ARO FIXO DS



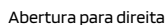
210511 TOPO SOLEIRA DS ESQ



210512 TOPO SOLEIRA DS DIR



212418 CONJ. TOPOS ARO FIXO DS



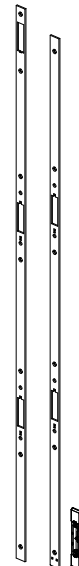
201112

FECH. 3 PONTOS M2 35mm



201138

201138 FECHADURA 3 PONTOS M2 35MM ESQ



Para aplicar com as Fechaduras 3 pontos M2 35mm
(Refs. 201112 e 201138), em tipologias de batente
com a utilização da Dobradiça Oculta ou em
tipologias pivotantes
Material: Inox

212424

CONJ. CHAPA TESTA LISA



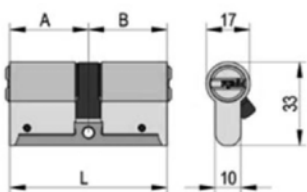
280042

TESTA CENTRAL FECHADURA M2



280043

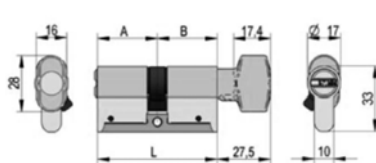
280043 TESTA INF/SUP. FECHADURA M2



Inclui 5 chaves
Acabamentos: Prata e Preto

207458

CILINDRO ALTA SEGURANÇA 30/80

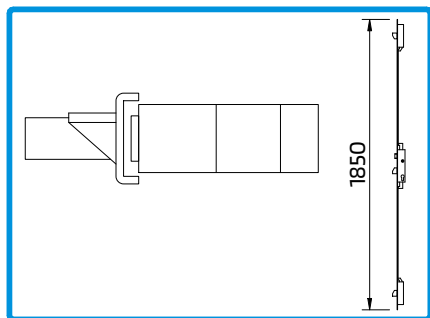


Inclui 5 chaves
Acabamentos: Prata e Preto

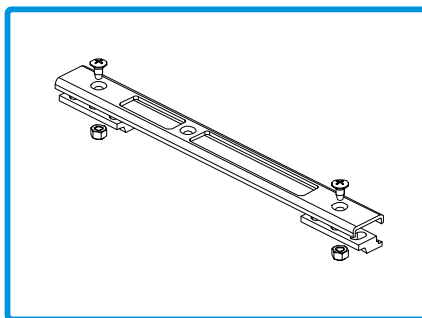
207460

207460 CILINDRO ALTA SEGURANÇA 30B/80

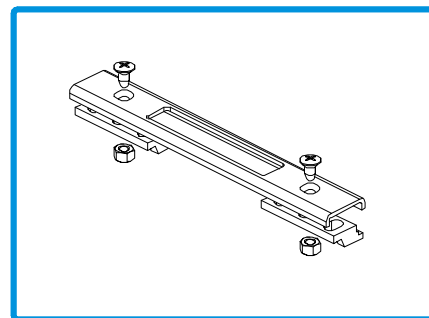
FECHADURAS E COMPLEMENTARES
LOCKS AND FITTINGS | SERRURES ET COMPLÉMENTAIRES



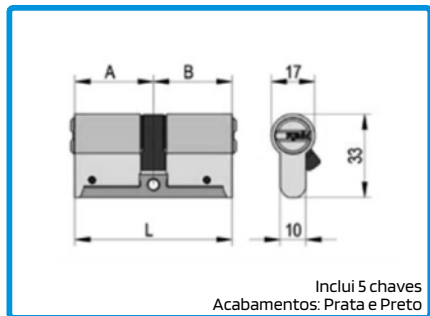
201010 FECHADURA DE 3 PONTOS
EM U 7799x35



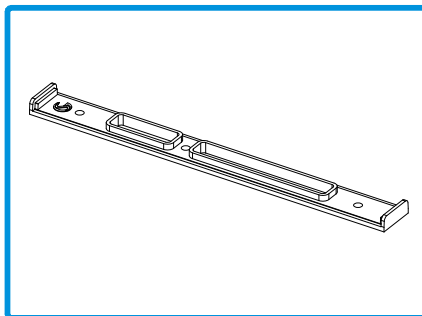
280004 TESTA FECHADURA PS Nº. 1



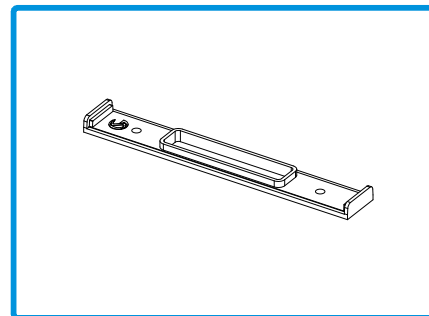
280005 TESTA FECHADURA PS Nº. 2



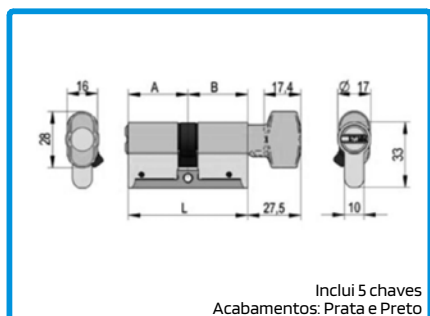
207457 CILINDRO ALTA SEGURANÇA 55/55
Inclui 5 chaves
Acabamentos: Prata e Preto



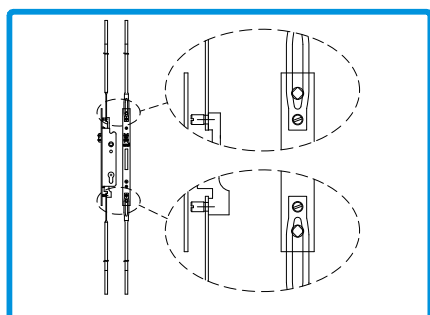
218227 CALÇO P/ TESTAS FECH. DS Nº1



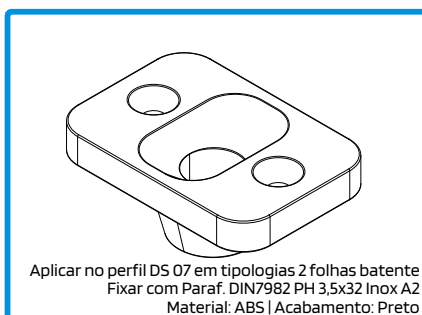
218228 CALÇO P/ TESTAS FECH. DS Nº2



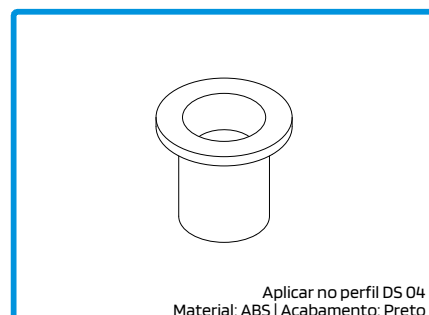
207459 CILINDRO ALTA SEGURANÇA 55B/55
Inclui 5 chaves
Acabamentos: Prata e Preto



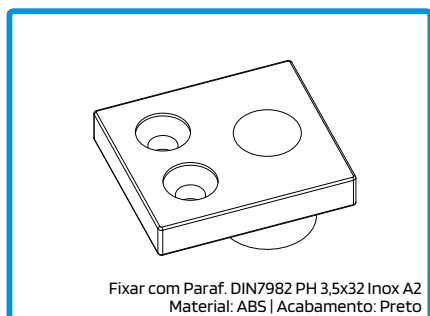
201180 FECHADURA DE TRANCAS



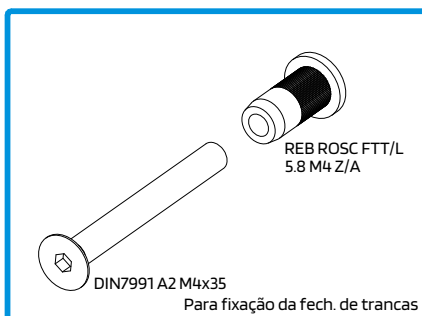
203303 COPO SUP/INF FECH. TRANCAS
OS-P
Aplicar no perfil DS 07 em tipologias 2 folhas batente
Fixar com Paraf. DIN7982 PH 3,5x32 Inox A2
Material: ABS | Acabamento: Preto



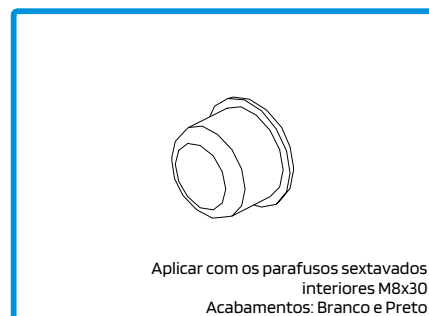
203304 COPO INF. FECH. TRANCAS OS-P
Aplicar no perfil DS 04
Material: ABS | Acabamento: Preto



207128 GUIA FECH. TRANCAS DS
Fixar com Paraf. DIN7982 PH 3,5x32 Inox A2
Material: ABS | Acabamento: Preto



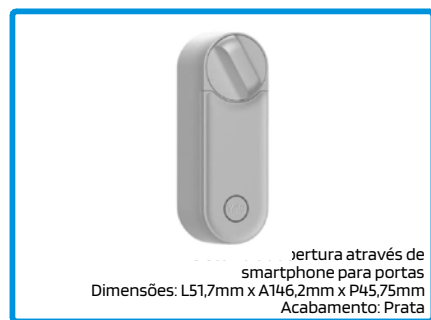
212017 CONJUNTO FIXAÇÃO FERRAGEM
MULTI-PONTO
REB ROSC FTT/L
5.8 M4 Z/A
DIN7991 A2 M4x35
Para fixação da fech. de trancas



210013 TAPA-FUROS 10MM BRANCO
210015 TAPA-FUROS 10MM PRETO
Aplicar com os parafusos sextavados
interiores M8x30
Acabamentos: Branco e Preto

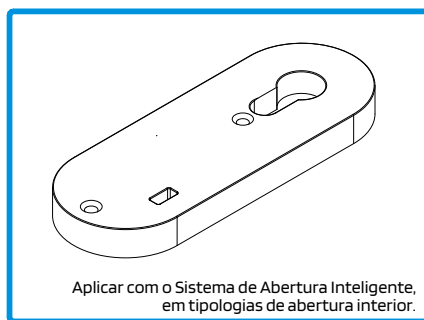
SISTEMAS DE ABERTURA E COMPLEMENTARES

OPENING SYSTEMS AND FITTINGS | SYSTÈMES D'OUVERTURE ET COMPLÉMENTAIRES



299247 SISTEMA ABERTURA INTELIGENTE LINUS L2

Abertura através de
smartphone para portas
Dimensões: L51,7mm x A146,2mm x P45,75mm
Acabamento: Prata



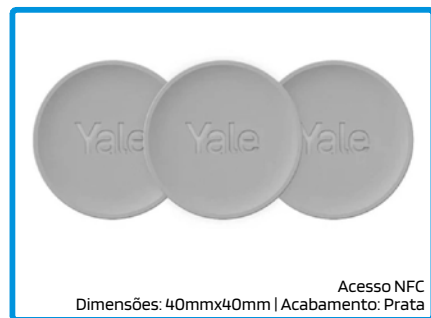
218161 CALÇO AB. INTERIOR P/ LINUS

Aplicar com o Sistema de Abertura Inteligente,
em tipologias de abertura interior.



299250 BATERIA LINUS L2

Para sistema de abertura inteligente Linus L2
Duração: ≈ 6 meses



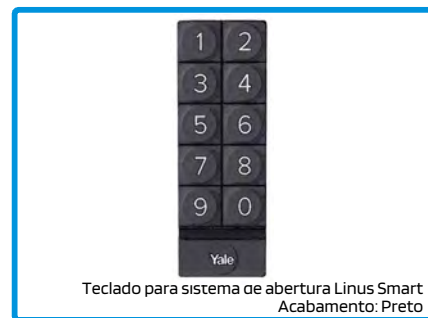
299248 DOT LINUS

Acesso NFC
Dimensões: 40mmx40mm | Acabamento: Prata



299249 TECLADO C/ BIOMÉTRICO LINUS

Acesso com impressão digital ou código
Acabamento: Preto



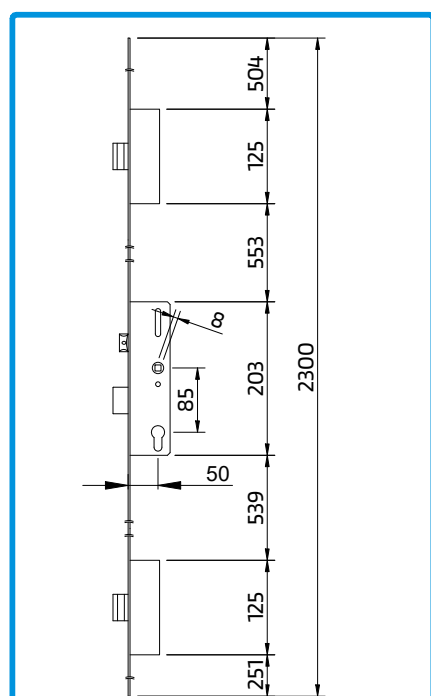
299121 TECLADO LINUS

Teclado para sistema de abertura Linus Smart
Acabamento: Preto

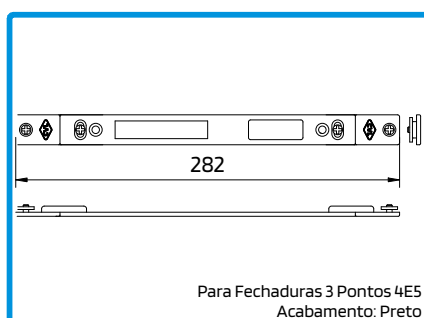
FECHADURA E COMPLEMENTARES P/ TIPOLOGIAS DE AB. EXTERIOR C/ SISTEMA ABERT. INTELIGENTE LINUS

LOCKS AND FITTINGS FOR OUTWARD OPENING DOORS WITH LINUS SMART OPENING SYSTEM

POUR LES TYPOLOGIES D'OUVERTURE VERS L'EXTÉRIEURE AVEC SYSTÈME D'OUVERTURE INTELLIGENT LINUS

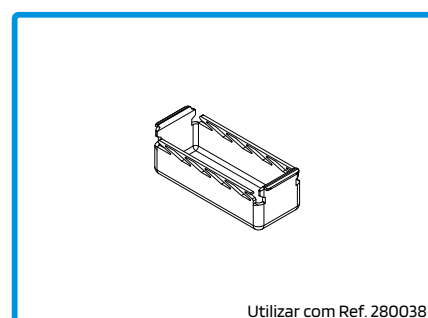


201109 FECHADURA 3 PONTOS 4E5 50MM



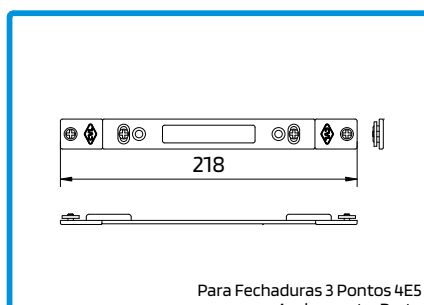
280038 TESTA CENTRAL REGULAVEL 184 PRT

Para Fechaduras 3 Pontos 4E5
Acabamento: Preto



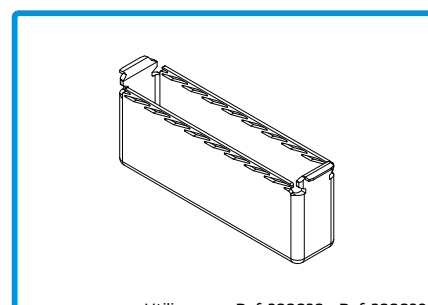
203307 COPO PEQUENO P/ TESTA 184 PRT

Utilizar com Ref. 280038



280039 TESTA SUP/INF REGULAVEL 2965 PRT

Para Fechaduras 3 Pontos 4E5
Acabamento: Preto

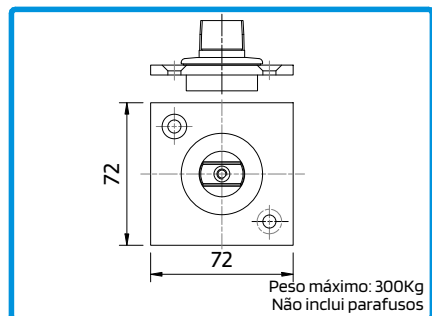


203308 COPO P/ TESTA 2965 E 184 PRT

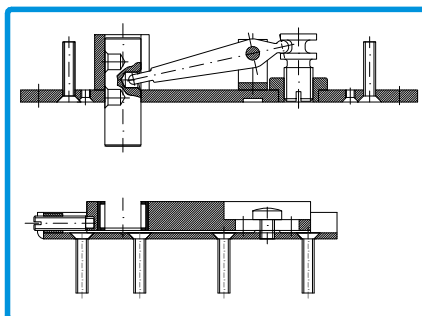
Utilizar com Ref. 280038 e Ref. 280039

ACESSÓRIOS PARA PIVOTANTE E COMPLEMENTARES

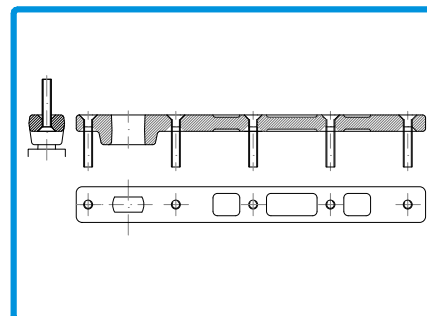
PIVOTING ACCESSORIES AND FITTINGS | ACCESSOIRES POUR PIVOTANTS ET COMPLÉMENTAIRES



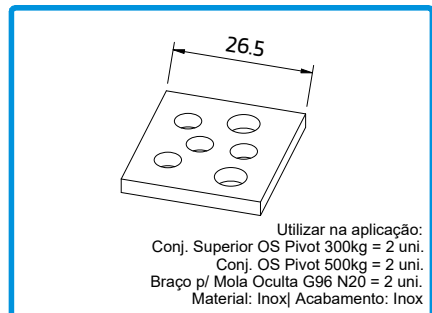
227114 PIVOT DE CHÃO 7471 AX



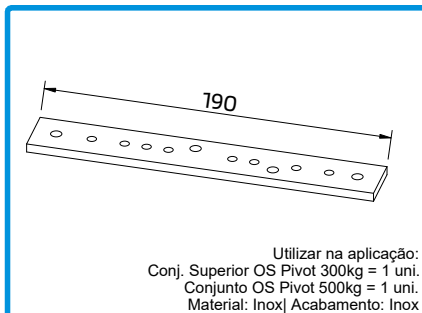
212331 CONJ. SUPERIOR OS PIVOT 300KG



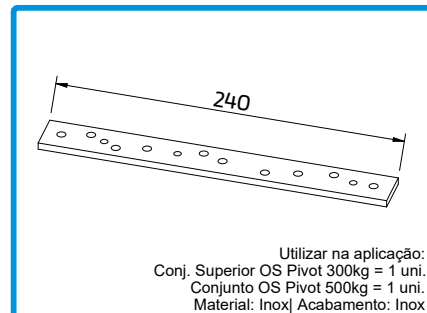
210121 BRAÇO INFERIOR OS PIVOT 300KG



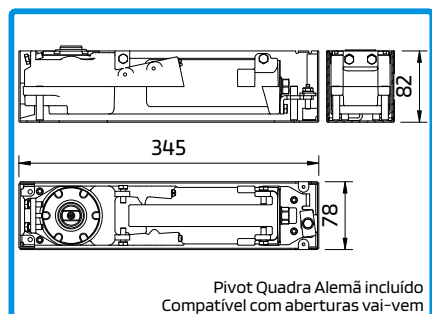
215041 PEÇA FIXAÇÃO INOX DS Nº1



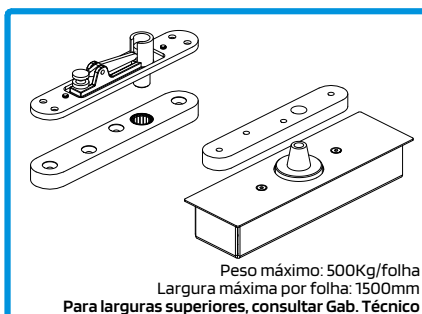
215042 PEÇA FIXAÇÃO INOX DS Nº2



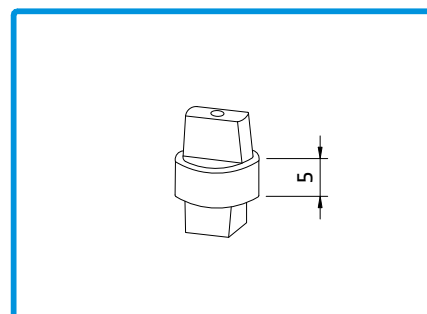
215043 PEÇA FIXAÇÃO INOX DS Nº3



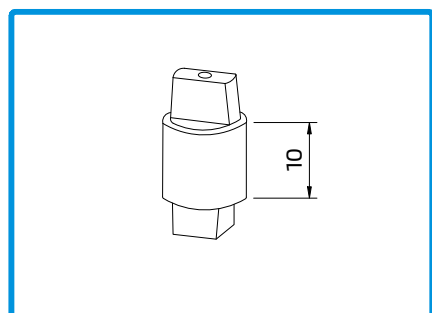
228078 MOLA PAVIMENTO M750 300KG



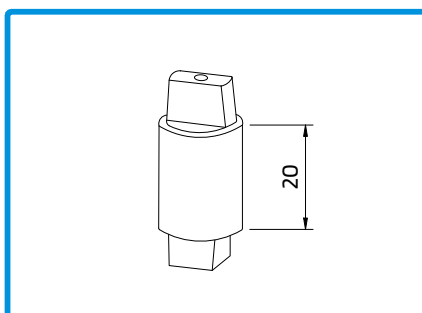
212324 CONJUNTO OS PIVOT 500KG



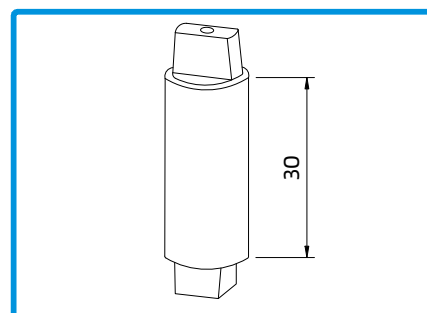
220012 EIXO SUBSTITUIÇÃO ALONGADO 5MM



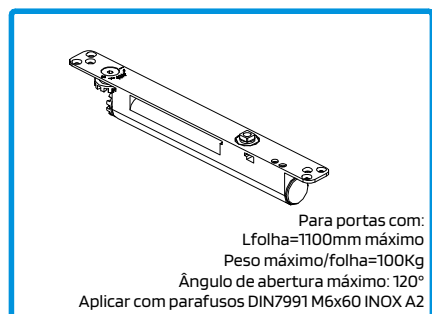
220013 EIXO SUBSTITUIÇÃO ALONGADO 10MM



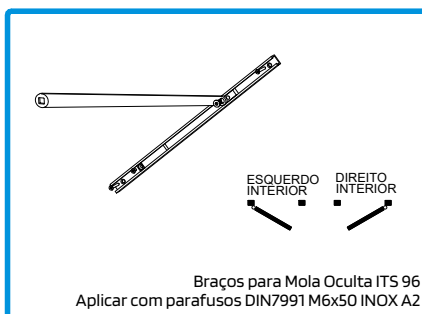
220014 EIXO SUBSTITUIÇÃO ALONGADO 20MM



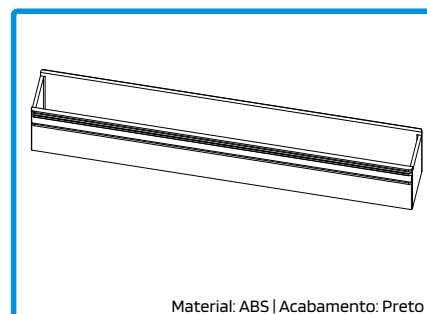
220015 EIXO SUBSTITUIÇÃO ALONGADO 30MM



228051 MOLA SUP. OCULTA EN 2-4 ITS 96



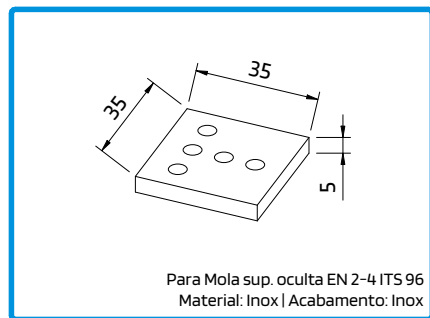
210117 BR. P/ MOLA OCULTA G96 N20 ESQ.
210118 BR. P/ MOLA OCULTA G96 N20 DIR.



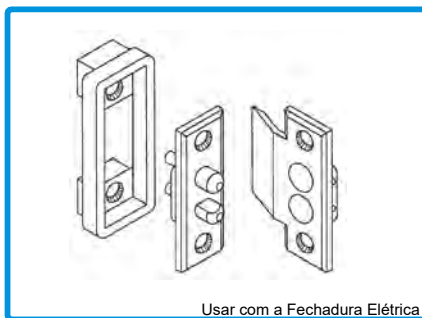
203309 COPO P/ MOLA OCULTA ITS 96

ACESSÓRIOS PARA PIVOTANTE E COMPLEMENTARES

PIVOTING ACCESSORIES AND FITTINGS | ACCESSOIRES POUR PIVOTANTS ET COMPLÉMENTAIRES



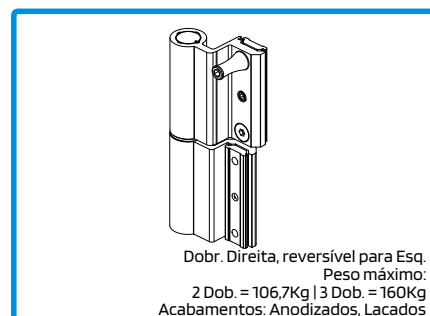
215506 PEÇA FIXAÇÃO MOLA SUP. OC. ITS 96



219101 CONTATO PARA FECHADURA ELÉTRICA

DOBRADIÇAS E COMPLEMENTARES

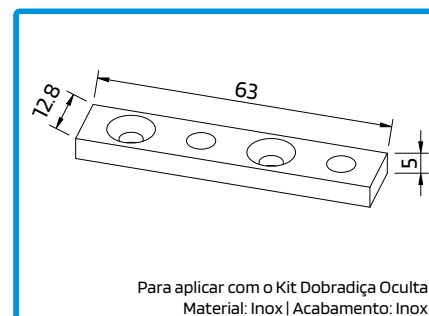
HINGES AND FITTINGS | PAUMELLES ET COMPLÉMENTAIRES



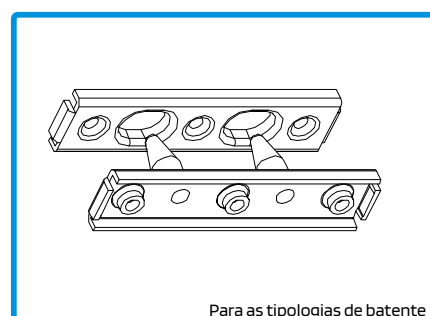
202238 DOBRADIÇA PORTA DS 2L AFINAÇÃO 3D



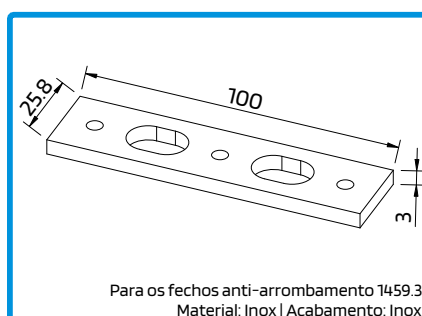
202109 DOBRADIÇA OCULTA SOLID



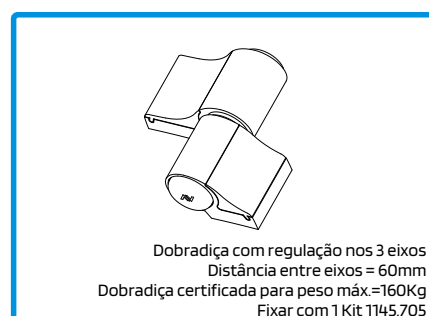
215504 PEÇA FIXAÇÃO DOB. OC. SOLID



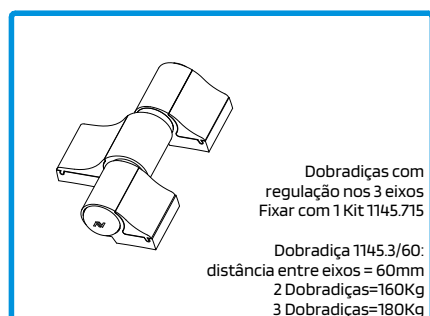
201611 FEC. ANTI-ARROMBAMENTO 1459.3



215505 PEÇA FIXAÇÃO P/ FECH.1459.3



202010 DOB. MECHANICA 2 ABAS 1145/60

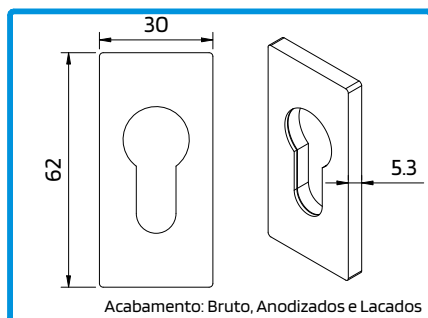


202610 DOB. MECHANICA 3 ABAS 1145.3/60

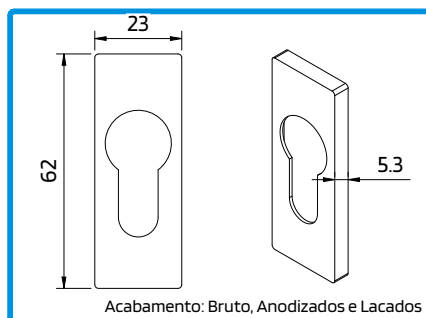


223000 KIT DE FIX. P/ MECHA. 1145.757X

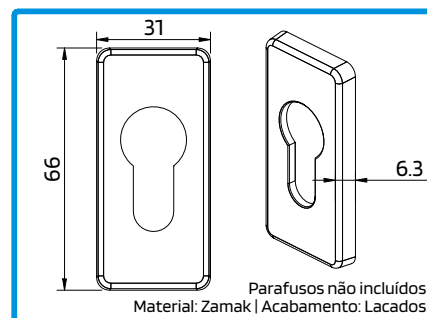
PUXADORES E COMPLEMENTARES
HANDLES AND FITTINGS | POIGNÉES ET COMPLÉMENTAIRES



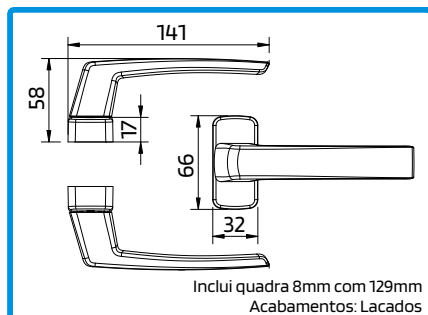
220197 ESPELHO ALUMÍNIO 30MM P/ SEGREDO
Acabamento: Bruto, Anodizados e Lacados



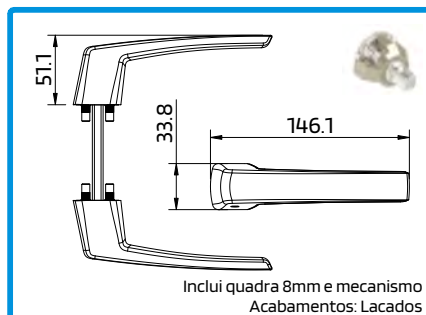
220196 ESPELHO ALUMÍNIO 23MM P/ SEGREDO
Acabamento: Bruto, Anodizados e Lacados



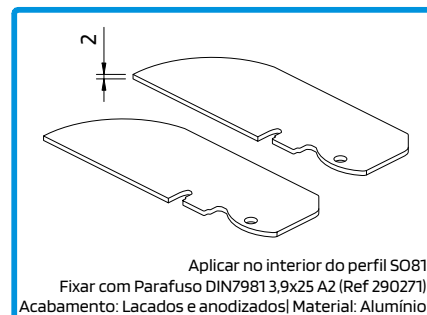
220198 ESPELHO DELTA P/ SEGREDO
Parafusos não incluídos
Material: Zamak | Acabamento: Lacados



200792 PUXADOR DE PORTA DUPLO CUBIC
Inclui quadra 8mm com 129mm
Acabamentos: Lacados



200849 PUXADOR DE PORTA MINIMALISTA CUBIC
Inclui quadra 8mm e mecanismo
Acabamentos: Lacados



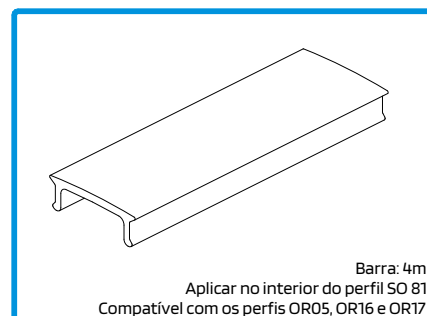
212449 CONJ. TOPOS SO 81 N°2
Aplicar no interior do perfil SO81
Fixar com Parafuso DIN7981 3,9x25 A2 (Ref 290271)
Acabamento: Lacados e anodizados | Material: Alumínio



221122 FITA LED IP65 24V/8W BRANCA (5M)
3200-3300K
24Vdc
8W/m
120 LED/m
Classe de Proteção: IP 65

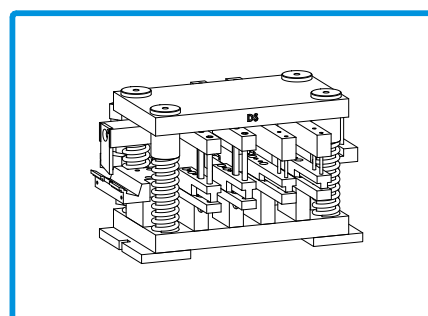


221123 FITA LED IP65 24V/8W BRANCA (7M)
3200-3300K
24Vdc
8W/m
120 LED/m
Classe de Proteção: IP 65

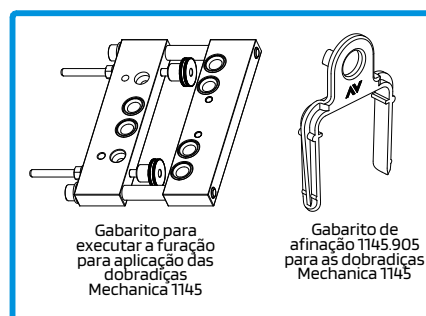


215995 PERFIL DIFUSOR LED PP 2118
Barra: 4m
Aplicar no interior do perfil SO 81
Compatível com os perfis OR05, OR16 e OR17

FERRAMENTAS | TOOLS | OUTILS



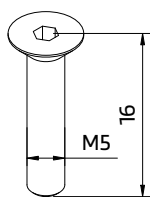
408069 CORTANTE Nº1 DS



211101 GABARITO PARA FURAÇÃO 1145.908
Gabarito para executar a furação para aplicação das dobradiças Mechanica 1145
Gabarito de afinação 1145.905 para as dobradiças Mechanica 1145

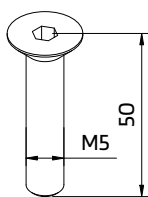
ACESSÓRIOS DIVERSOS

DIVERSE ACCESSORIES | ACCESSOIRES DIVERS



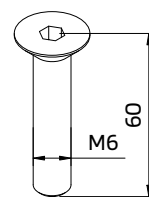
Para fixar a Peça fixação Inox DS Nº1
Material: Inox | Acabamento: Inox

290480 PARAFUSO CX UMB. M5X16 INOX



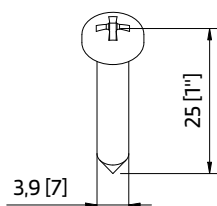
Para fixar os Braços Mola oculta G96 (Ref. 210117/8)
Material: Inox | Acabamento: Inox

290148 PARAFUSO DIN7991 M5X50 INOX A2



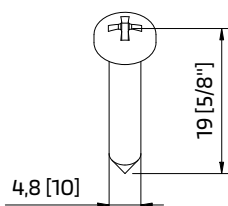
Usado nos artigos:
Mola Sup oculta ITS 96 (Ref. 228051) e
no Kit Dobradiça Oculta
Material: Inox | Acabamento: Inox

290149 PARAFUSO DIN7991 M6X60 INOX A2



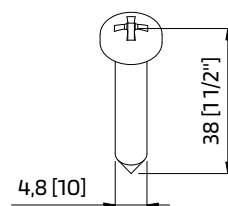
Para fixar o perfil SO 81 no aro móvel
Material: Inox | Acabamento: Inox

290271 PARAF. DIN 7981 3,9X25 A2



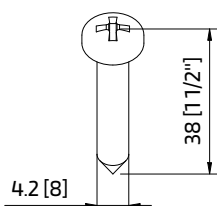
Para fixar a Peça fixação Inox DS Nº3
Material: Inox | Acabamento: Inox

290506 PARAF. PKI PH 3/4x10 CQ



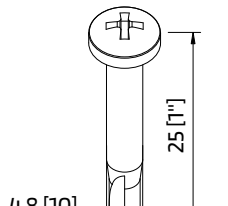
Para fixar os aros laterais e os topos à soleira
Material: Inox | Acabamento: Inox

290262 PARAF. PAR 003 PK INOX PH 1 1/2x10 CQ



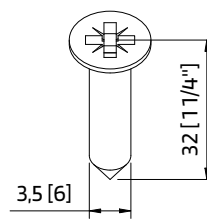
Para fixar os perfis DS04 ao DS 06 nas tipologias
pivotantes
Material: Inox | Acabamento: Inox

290030 PARAF. DIN7981 4,2x38 INOX A2



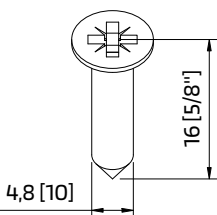
Para fixação do braço do motor ao perfil móvel inferior
Material: Inox | Acabamento: Inox

290130 PARAF. AT/PF DIN7504-N 4,8x25 A2



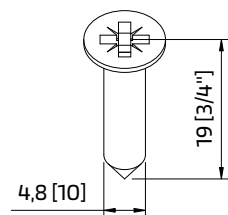
Para fixação das Guias ref 203303 e ref 207128
Material: Inox | Acabamento: Inox

290080 PARAF. DIN7982 PH 3,5x32 INOX A2



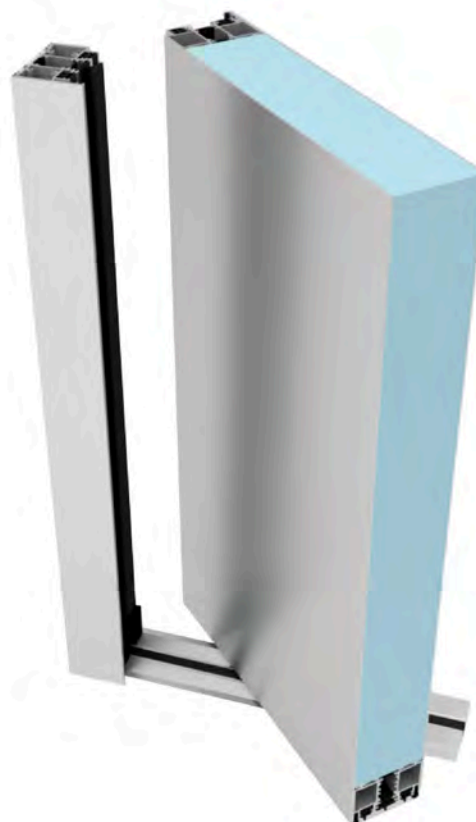
Para fixar o Pivot de Chão 7471 AX
Material: Inox | Acabamento: Inox

290168 PARAFUSO CX 5/8X10 INOX A2



Para fixação da Peça Fix Dobradiça Oculta
Material: Inox | Acabamento: Inox

290109 PARAFUSO DIN7982 4,8x19 A2



IV

TIPOLOGIAS E MAPA DE QUANTIDADES TYPOLOGIES AND QUANTITY MAPS | TYPOLOGIES ET CARTES DE QUANTITÉS

Tipologias com apainelados
Typologies with panels
Typologies avec panneaux

IV .1

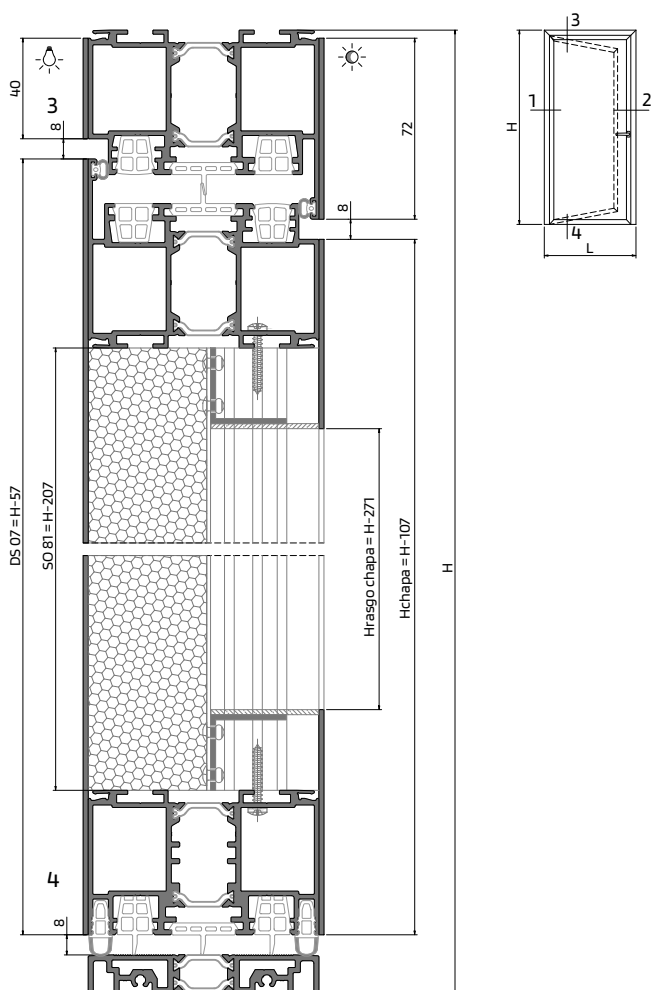
Tipologias com vidro
Typologies with glass
Typologies avec verre

IV .2

PORTA DE 1 FOLHA DE ABERTURA PARA INTERIOR - COM DOBRADIÇA DS 2D

1 SASH INWARD OPENING DOOR - WITH DOOR HING DS 2L

PORTE À 1 VANTAIL D'OUVERTURE VERS L'INTÉRIEUR - AVEC PAUMELLE PORTE DS 2L



PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERT. VERTICAL DETAIL DÉTAIL VERTICAL	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPÉ
 DS 07	ARO FIXO FIXED FRAME DORMANT	L	H	1+2	
 DS 07	ARO MÓVEL MOBILE FR JOUVRANT	L-102	H-57	1+2	
 DS 04	ARO MÓVEL MOBILE FR JOUVRANT	L-138	-	1	
 DS 49	SOLEIRA SILL SEUIL	L-170	-	1	
 SO 81	PUXADOR EMBUTIDO BUILT-IN HANDLE POIGNEE INTEGRÉE	-	H-207	1	
ALTERNATIVA ALTERNATIVE ALTERNATIVE					
 DS 49	SOLEIRA *	L-85	-	1	

* Para tipologias de batente sem a aplicação dos topos soleira.

For jamb typologies without the application of sill ends

Pour les typologies de montants sans application d'extrémités de seuil.

ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CODIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
204177	ESQUADRO DS GRANDE 2933-D	12
202238	BUCKING BRACKET FOR HINGE DOBRADIÇA PORTA DS 2L AFINAÇÃO 3D HINGE PAUMELLE	2
201138	FECHADURA 3 PONTOS M2 35MM ESQ. LOCKER SERRURE	1
207458	CILINDRO ALTA SEGURANÇA 30/80 CYLINDER LOCK CYLINDRE DS SERRURE	1
220197	ESPELHO ALUMÍNIO 30mm CYLINDER BACK PLATE COUVERCLE DS CYLINDRE	2
200792	PUXADOR DE PORTA DUPLO CUBIC HANDLE POIGNÉE	1
280042	TESTA CENTRAL FECHADURA M2 STRIKING PLATE GÂCHE	1
280043	TESTA INF./SUP. FECHADURA M2 STRIKING PLATE GÂCHE	2
210507	TOPO SUP./INF. LATERAL DS DIREITO END-CAP KIT KIT D'EMBOUT	2
210508	TOPO SUP./INF. LATERAL DS ESQUERDO END-CAP KIT KIT D'EMBOUT	2
210511	TOPO SOLEIRA DS ESQUERDO LEFT DS SILL TOP SEUIL DS CAISSE GAUCHE DS	1
210512	TOPO SOLEIRA DS DIREITO RIGHT DS SILL TOP SEUIL DS CAISSE DROIT DS	1
212449	CONJ. TOPOS SO 81Nº2 END-CAP KIT KIT D'EMBOUT	1
213306	ÂNGULO REMATE CENTRAL CENTRE ANGLE ANGLE DS TIR CENTRAL	4
212418	CONJ. TOPOS ARO FIXO DS END-CAP KIT KIT D'EMBOUT	4
215995	PERFIL DIFUSOR LED PP 2118 (4M) PROFIL E PROFILE	1 **
212122	FITA LED IP65 24V/8W BRANCA (5M) LED TAPE (RUBAN) LED	1 **
290271	PARAFUSO DIN 7981 3,9X25 A2 SCREW VIS	4
290262	PARAFUSO PAR 003 PK INOX PH 11/2x10 CQ SCREW VIS	4
290030	PARAFUSO DIN7981 4,2x38 INOX A2 SCREW VIS	4 *

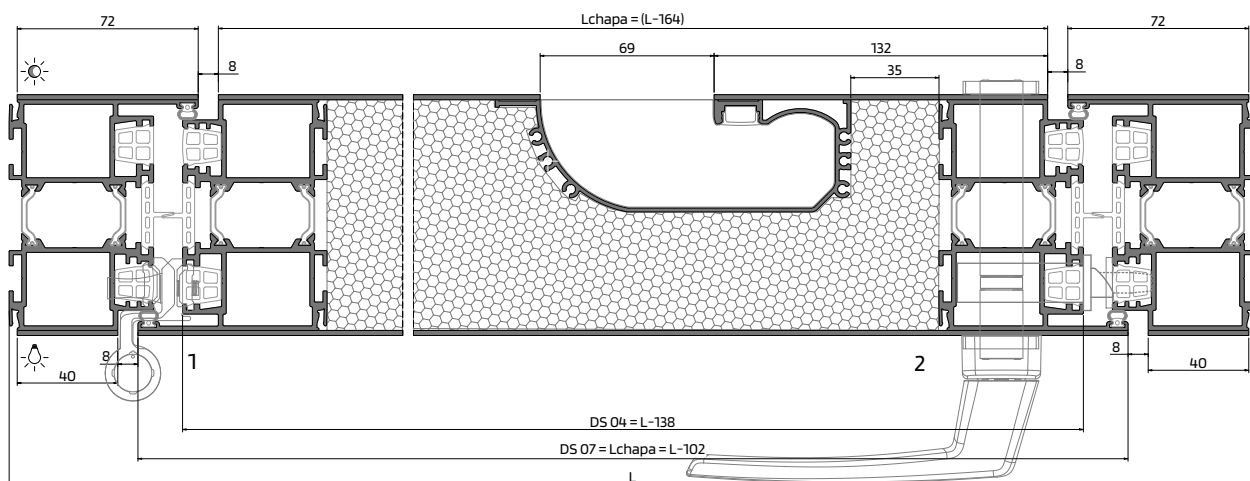
* Para tipologias sem a aplicação dos topos soleira.

For typologies without the application of sill ends.
Pour les typologies sans application d'extrémités de seuil.

✱✱ Em alternativa, usar a Junta VD 2132 (Ref 208323 em toda a altura.

Alternatively, use the Joint VD 2132 (Ref 208323) along the entire height.
En alternative, utiliser le Joint VD2132 (réf. 208323) sur toute la hauteur.

VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
 208008	VD 2051	2L+4H
 208227	VD 2287 DS	3L+4H
 208359	VD2180 DS	4L+8H
 208360	VD 2181 DS	2L
 208353	VD 2130 DS	2L



PORTA DE 1 FOLHA DE ABERTURA PARA INTERIOR - COM DOBRADICA OCULTA

1 SASH INWARD OPENING DOOR - WITH CONCEALED HINGE

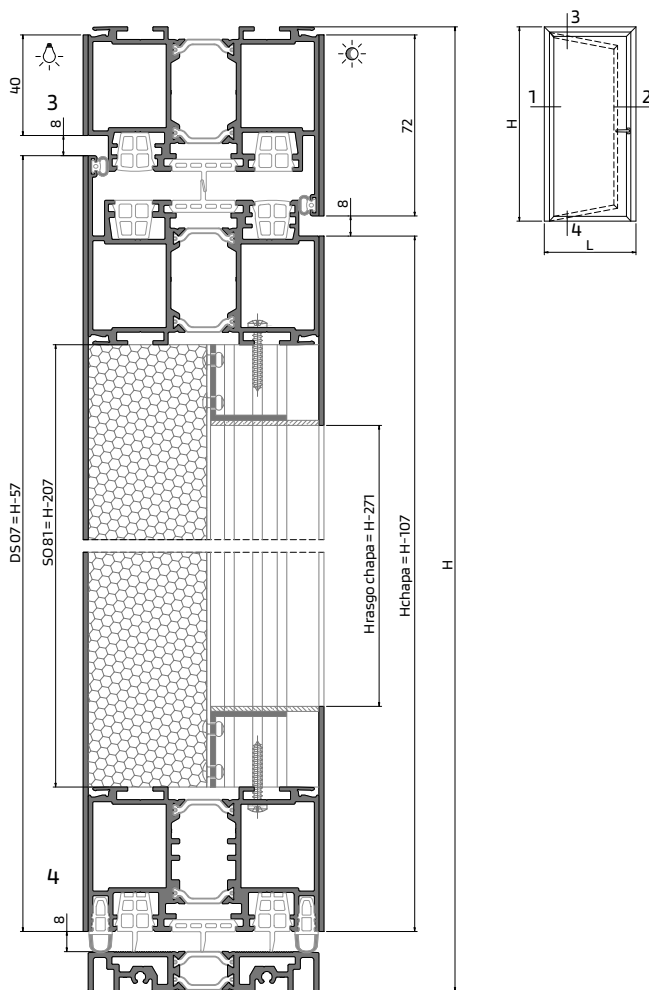
PORTE À 1 VANTAIL D'OUVERTURE VERS L'INTÉRIEUR - AVEC PAUMELLE CACHÉE

PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL DETAIL DETAIL HORIZONTAL	CORTE VERT. VERTICAL DETAIL DETAIL VERTIC.	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
 DS 07	ARO FIXO FIXED FRAME DORMANT	L	H	1+2	
 DS 07	ARO MÓVEL MOBILE FR. OUVRANT	L-102	H-57	1+2	
 DS 04	ARO MÓVEL MOBILE FR. OUVRANT	L-138	-	1	
 DS 49	SOLEIRA SILL SEUIL	L-170	-	1	
 SO 81	PUXADOR EMBUTIDO BUILT-IN HANDLE POIGNEE INTEGRÉE	-	H-207	1	
ALTERNATIVA ALTERNATIVE ALTERNATIVE					
 DS 49	SOLEIRA SILL SEUIL	*	L-85	1	

* Para tipologias de batente sem a aplicação dos topos soleira

For jamb typologies without the application of sill ends

Pour les typologies de montants sans application d'extrémités de seuil.



ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
204177	ESQUADRO DS GRANDE 2933-D BLICKING BRACKET ECLIQUEUR	12
202109	DOBRADEIRA OCULTA SOLID HINGE PAUMELLE	2
201138	FECHADURA 3 PONTOS M2 35MM ESQ. LOCKER SERRURE	1
212424	CONJUNTO CHAPA TESTA LISA STRICKING PLATE GÂCHE	1
207458	CILINDRO ALTA SEGURANÇA 30/80 CYLINDER LOCK CYLINDRE DE SERRURE	1
220197	ESPELHO ALUMÍNIO 30mm CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
200792	PUXADOR DE PORTA DUPLO CUBIC HANDLE POIGNÉE	1
210507	TOPO SUP./INF. LATERAL DS DIR. END-CAP KIT KIT D'EMBOUT	2
210508	TOPO SUP./INF. LATERAL DS ESQ. END-CAP KIT KIT D'EMBOUT	2
210511	TOPO SOLEIRA DS ESQUERDO LEFT DS SILL TOP SEUIL DE CAISSE GAUCHE DS	1
210512	TOPO SOLEIRA DS DIREITO RIGHT DS SILL TOP SEUIL DE CAISSE DROIT DS	1
215504	PEÇA DE FIXAÇÃO DOB. OCULTA SOLID CONCEALED HINGE FIXING PIECE PIÈCE DE FIXATION DE LA CHARNIÈRE CACHÉE	8
212449	CONJ. TOPOS SO 81Nº2 END-CAP KIT KIT D'EMBOUT	1
212418	CONJ. TOPOS ARO FIXO DS END-CAP KIT KIT D'EMBOUT	2
215995	PERFIL DIFUSOR LED PP 2118 (4M) PROFILE PROFILE	1 **
221122	FITA LED IP65 24V/8W BRANCA (5M) LED TAPE RUBAN LED	1 **
213306	ÂNGULO REMATE CENTRAL CENTRE ANGLE ANGLE DE TIR CENTRAL	4
290271	PARAFUSO DIN 7981 3,9X25 A2 SCREW VIS	4
290262	PARAFUSO PAR 003 PK INOX PH 11/2x10 CQ SCREW VIS	4
290109	PARAFUSO DIN7982 4.8X19 INOX A2 SCREW VIS	16
290149	PARAFUSO CX UMB. M6X60 INOX A2 SCREW VIS	12
290030	PARAFUSO DIN7981 4,2x38 INOX A2 SCREW VIS	4 *

* Para tipologias sem a aplicação dos topos soleira.

For typologies without the application of sill ends

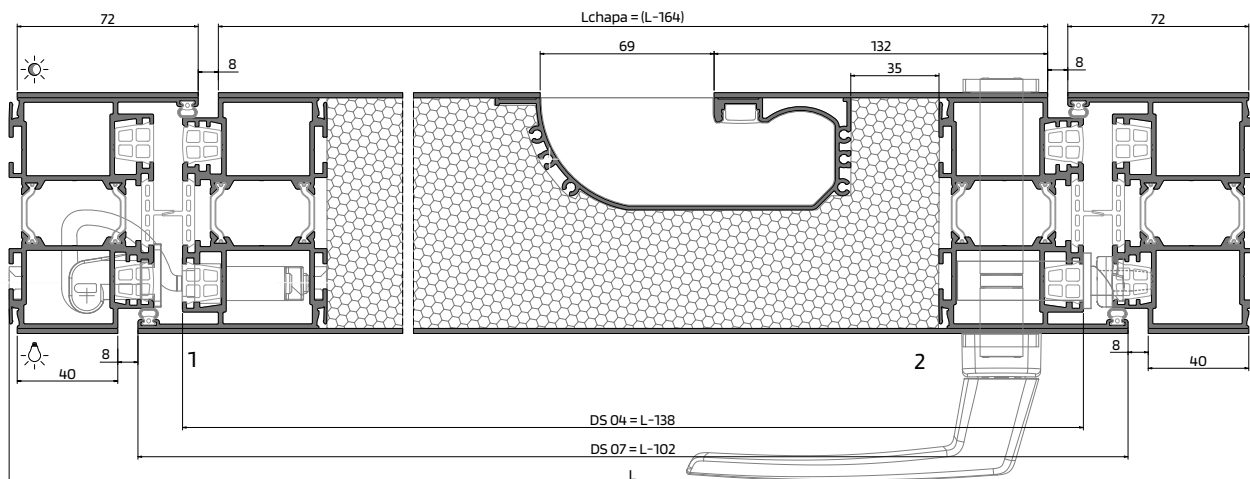
Pour les typologies sans application d'extrémités de seuil

****** Em alternativa, usar a Junta VD 2132 (Ref 208323 em toda a altura.

Alternatively, use the Joint VD 2132 (Ref 208323) along the entire height.

En alternative, utiliser le Joint VD2132 (réf. 208323) sur toute la hauteur.

VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
	208008 VD 2051	2L+4H
	208227 VD 2287 DS	3L+4H
	208359 VD2180 DS	4L+8H
	208360 VD 2181 DS	2L
	208353 VD 2130 DS	2L



PORTA PIVOTANTE 1 FOLHA

1 SASH PIVOTING DOOR

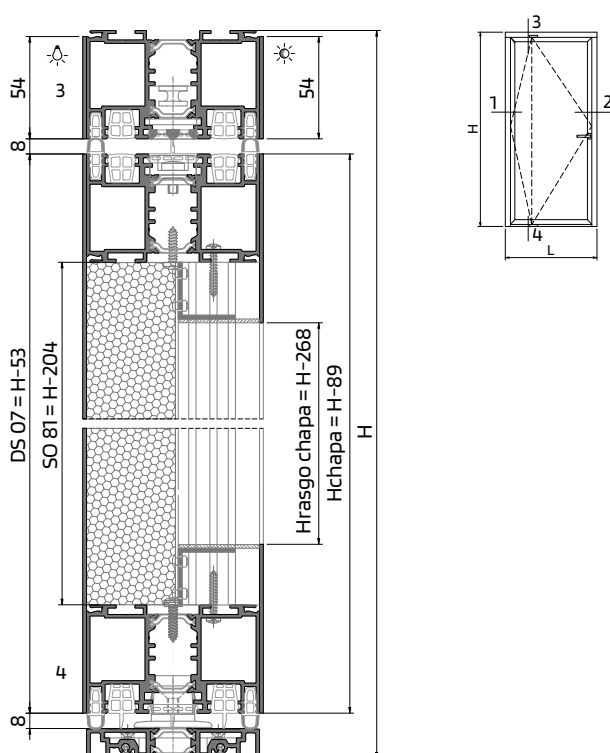
PORTE PIVOTANT 1 VANTAIL

PERFIS PROFILES PROFILS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERT. VERTICAL DETAIL DÉTAIL VERTIC.	QUANT. QUANTITY	CORTE CUT COUPE
 DS 04	ARO FIXO FIXED FRAME DORMANT	L	-	1	
 DS 06	ARO FIXO FIXED FRAME DORMANT	-	H-57	2	
 DS 07	ARO MÓVEL MOBILE FR. OUVRANT	-	H-53	2	
 DS 04	ARO MÓVEL MOBILE FR. OUVRANT	L-138	-	2	
 DS 49	SOLEIRA SILL SEUIL	L-170	-	1	
 SO 81	PUXADOR EMBUTIDO BUILT-IN HANDLE POIGNEE INTEGRÉE	-	H-204	1	
ALTERNATIVA ALTERNATIVE ALTERNATIVE					
 DS 06	ARO FIXO FIXED FRAME DORMANT	*	H-73	2	
 DS 49	SOLEIRA	*	L	1	

* Para tipologias sem a aplicação dos topos soleira.

For typologies without the application of sill ends.

Pour les typologies sans application d'extrémités de seuil.



ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ	
204177	ESQUADRO DS GRANDE 2933- D BL LOCKING BRACKET ÉQUIPEPPE	8	
201138	FECHADURA 3 PONTOS M2 35MM ESQ. LOCKER SERRURE	1	
212424	CONJUNTO CHAPA TESTA LISA STRICKING PLATE LÂCHE	1	
207458	CILINDRO ALTA SEGURANÇA 30/80 CYLINDER LOCK CYLINDRE DE SERRURE	1	
202197	ESPELHO ALUMÍNIO 30mm CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2	
200792	PUXADOR DE PORTA DUPLO CUBIC HANDLE POIGNÉE	1	
227114	PIVOT DE CHÃO 7471 AX FLOOR PIVOT PIVOT DE SOL	1	
212331	CONJ. SUPERIOR PIVOT 300KG TOP FLUSH HINGE PIVOT SUPÉRIEUR	1	
210121	BRAÇO INFERIOR PIVOT 300KG BOTTOM STRAP BRAS DU BAS	1	
215041	PEÇA FIXAÇÃO INOX DS Nº1 STAINLESS STEEL FIXING PIECE DS Nº1 PIÉCE DE FIXATION EN ACIER INOXYDABLE F DS Nº1	2	
215042	PEÇA FIXAÇÃO INOX DS Nº2 STAINLESS STEEL FIXING PIECE DS Nº2 PIÉCE DE FIXATION EN ACIER INOXYDABLE F DS Nº2	1	
215043	PEÇA FIXAÇÃO INOX DS Nº3 STAINLESS STEEL FIXING PIECE DS Nº3 PIÉCE DE FIXATION EN ACIER INOXYDABLE F DS Nº3	1	
210507	TOPO SUP. / INF. LATERAL DS DIR. END-CAP KIT KIT D'EMBOUT	2	
210508	TOPO SUP. / INF. LATERAL DS ESQ. END-CAP KIT KIT D'EMBOUT	2	
210512	TOPO SOLEIRA DS DIREITO RIGHT DS SILL / TOP SEUIL DE CAISSE DROIT DS	2	
212449	CONJ. TOPO SO 81 Nº2 END-CAP KIT KIT D'EMBOUT	1	
212418	CONJ. TOPOS ARO FIXO DS END-CAP KIT KIT D'EMBOUT	4	
212415	CONJ. CALÇOS FIX. ARO FIXO DS FIXED SHIM KIT JEU DE CALES FIXES	1	
215995	PERFIL DIFUSOR LED PP 2118 (4M) PROFILE PROFILE	1 **	
221122	FITA LED IP65 24V/8W BRANCA (5M) LED TAPE RUBAN LED	1 **	
213306	ÂNGULO REMATE CENTRAL CENTRE ANGLE ANGLE DE TIR CENTRAL	4	
290480	PARAFUSO CX UMB. M5X16 INOX A2 SCREW IVIS	6	
290148	PARAFUSO CX UMB. M5X10 INOX A2 SCREW IVIS	4	
290271	PARAFUSO DIN 7981 3,9X25 A2 SCREW IVIS	4	
290262	PARAFUSO PAR 003 PK INOX PH 11/2X10 CQ SCREW IVIS	4	
290168	PARAFUSO CX 5/8X10 INOX A2 SCREW IVIS	2	
290506	PARAFUSO PKI PH 3/4X10 CQ SCREW IVIS	7	
290149	PARAFUSO CX UMB. M6X60 INOX A2 SCREW IVIS	5	
290030	PARAFUSO DIN7981 4,2x38 INOX A2 SCREW IVIS	8	16*

* Para tipologias sem a aplicação dos topos soleira.

For typologies without the application of sill ends

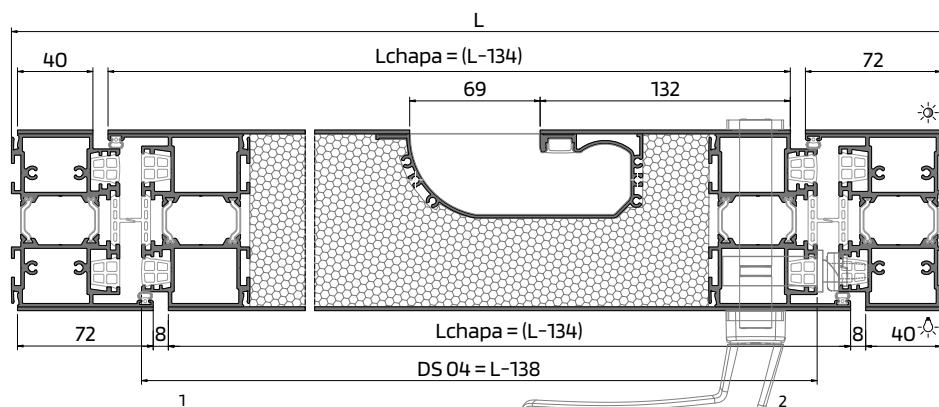
Pour les typologies sans application d'extrémités de seuil.

****** Em alternativa, usar a Junta VD 2132 (Ref 208323 em toda a altura.

Alternatively, use the Joint VD 2132 (Ref 208323) along the entire height.

En alternative, utiliser le Joint VD2132 (réf. 208323) sur toute la hauteur.

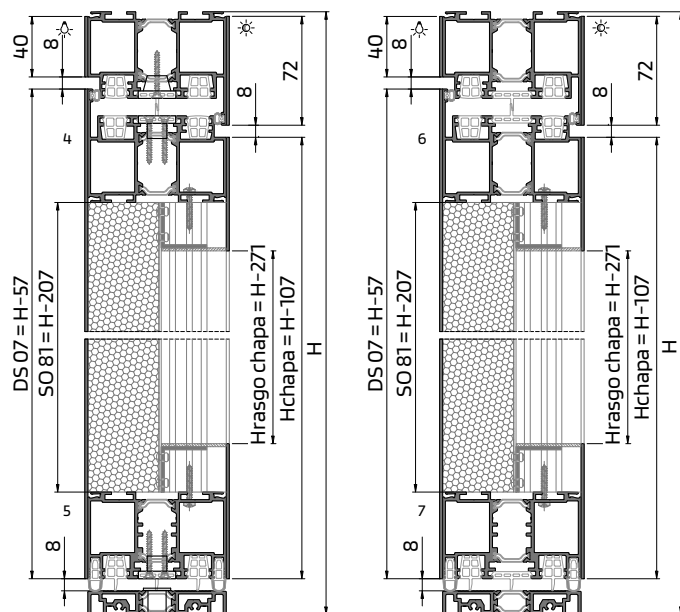
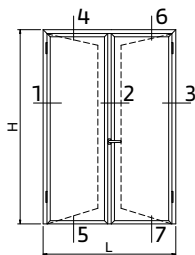
VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
 208008	VD 2051	2L+4H
 208227	VD 2287 DS	3L+4H
 208359	VD2180 DS	4L+8H
 208360	VD 2181 DS	2L
 208353	VD 2130 DS	4L
 208361	VD 2182 DS	2L



PORTA DE 2 FOLHAS DE ABERTURA PARA INTERIOR - COM DOBRADIÇA DS 2D

2 SASHES INWARD OPENING DOOR - WITH DOOR HING DS 2L

PORTE À 2 VANTAUX D'OUVERTURE VERS L'INTÉRIEUR - AVEC PAUMELLE PORTE DS 2L



VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208008	VD 2051	2L+6H
208227	VD 2287 DS	3L+6H
208359	VD2180 DS	4L+12H
208360	VD 2181 DS	2L
208353	VD 2130 DS	2L

PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONT. DETAIL	CORTE VERT. VERTICAL DETAIL	QUANT. QUANTITY	CORTE CUT
DS 07	ARO FIXO FIXED FRAME DORMANT	L2	H2	1+2	
DS 07	ARO MÓVEL MOBILE FR. OUVRANT	Lsup. = (L-79)/2	H-57	2+4	
DS 04	ARO MÓVEL MOBILE FR. OUVRANT	Linf. = (L-150)/2	-	2	
SO 81	PUXADOR EMBUTIDO BUILT-IN HANDLE POIGNÉE INTÉGRÉE	-	H-207	2	
DS 49	SOLEIRA SILL SEUIL	L-170	-	1	
ALTERNATIVA ALTERNATIVE ALTERNATIVE					
DS 49	SOLEIRA SILL SEUIL	L-85	-	1	

★ Para tipologias de batente sem a aplicação dos topos soleira.
For jamb typologies without the application of sill ends.

Pour les typologies de montants sans application d'extrémités de seuil.

ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
204177	ESQUADRO DS GRANDE 2933-D BUSHING HARDWARE GUIDE GUIDE POUR SERRURE	20
202238	DOBRADIÇA PORTA DS 2L AFINAÇÃO 3D HINGE PAUMELLE	4
201112	FECHADURA 3 PONTOS M2 35MM LOCKER SERRURE	1
280042	TESTA CENTRAL FECHADURA M2 STRIKING PLATE GÂCHE	1
280043	TESTA INF./SUP. FECHADURA M2 STRIKING PLATE GÂCHE	2
201180	FECHADURA DE TRANCAS LOCKER SERRURE	1 ***
207458	CILINDRO ALTA SEGURANÇA 30/80 CYLINDER LOCK CYLINDRE DE SERRURE	1
220197	ESPELHO ALUMÍNIO 30mm CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
200792	PUXADOR DE PORTA DUPLO CUBIC HANDLE POIGNÉE	2
203303	COPO SUP./INF. FECH. TRANCAS OS-P LOCK ACCESS ACCESS. POUR SERRURE	1
207128	GUIA FECHADURA TRANCAS DS LOCKING HARDWARE GUIDE GUIDE POUR SERRURE	2
203304	COPO INF. FECH. TRANCAS OS-P LOCK ACCESS ACCESS. POUR SERRURE	1
210507	TOPO SUP./INF. LATERAL DS DIR. END-CAP KIT KIT D'EMBOUT	4
210508	TOPO SUP./INF. LATERAL DS ESQ. END-CAP KIT KIT D'EMBOUT	4
210511	TOPO SOLEIRA DS ESQUERDO LEFT DS SILL TOP SEUIL DE CAISSE GAUCHE DS	1
210512	TOPO SOLEIRA DS DIREITO RIGHT DS SILL TOP SEUIL DE CAISSE DROIT DS	1
212449	CONJ. TOPOS SO 81 N°2 END-CAP KIT KIT D'EMBOUT	2
212418	CONJ. TOPOS ARO FIXO DS END-CAP KIT KIT D'EMBOUT	4
212417	CONJ. TOPOS SUPERIORES 2 FOLHAS DS 2 SASHES UPPER END-CAP KIT KIT D'EMBOUT SUPÉRIEUR 2 VANTAUX	1
215995	PERFIL DIFUSOR LED PP 2118 (4M) PROFILE PROFILÉ	2 **
221122	FITA LED IP65 24V/8W BRANCA (5M) LED TAPE (BR/WH) 60	1 **
213306	ÂNGULO REMATE CENTRAL CENTRE ANGLE ANGLE DE TIR CENTRAL	8
212017	CONJ. FIXAÇÃO FERRAGEM MULTI-PONTO MULTIPOINT HARDWARE FIXING KIT KIT FIXATION FERRURE MULTIPOINT	2
290271	PARAFUSO DIN 7981 3,9X25 A2 SCREW VIS	8
290262	PARAFUSO PAR 003 PK INOX PH 11/2x10 CQ SCREW VIS	4
290080	PARAFUSO DIN 7982 PH 3,5X32 INOX A2 SCREW VIS	6
290030	PARAFUSO DIN 7981 4,2x38 INOX A2 SCREW VIS	4 *

★ Para tipologias sem a aplicação dos topos soleira.
For typologies without the application of sill ends.

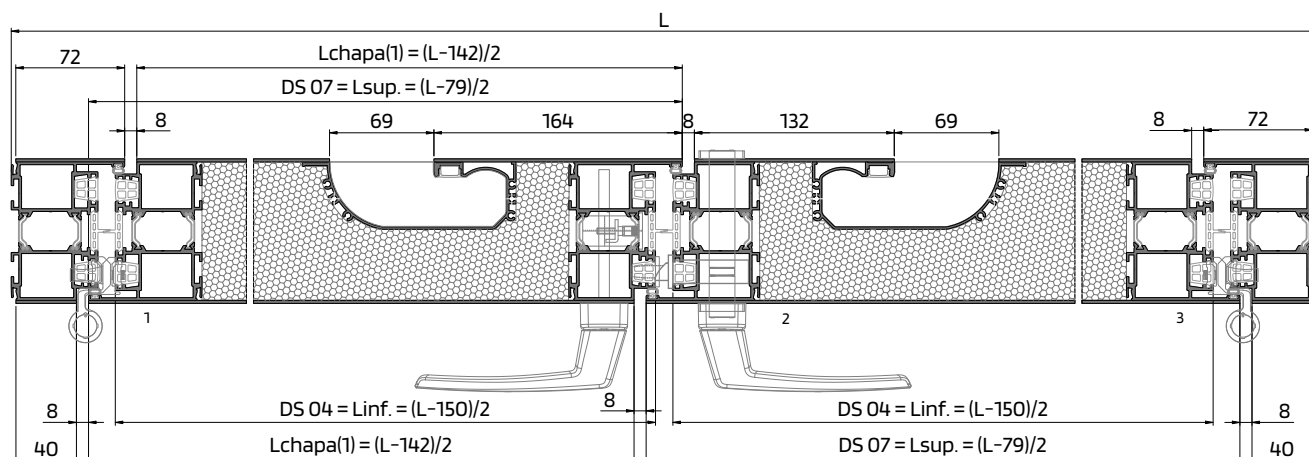
Pour les typologies sans application d'extrémités de seuil.

★★ Em alternativa, usar a Junta VD 2132 (Ref 208323) em toda a altura.
Alternatively, use the Joint VD 2132 (Ref 208323) along the entire height.

En alternative, utiliser le Joint VD2132 (réf. 208323) sur toute la hauteur.

★★★ As tipologias não podem ultrapassar os 4200mm de altura.
The typologies cannot exceed 4200mm in height.

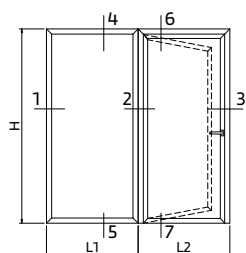
Les typologies ne peuvent pas dépasser 4200mm de hauteur.



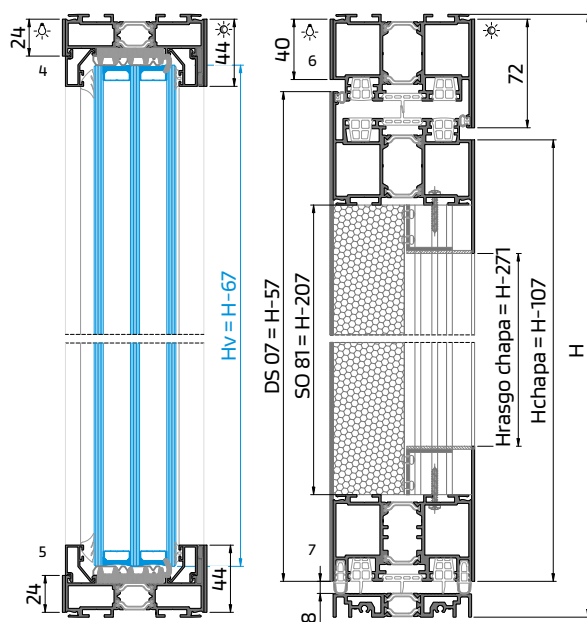
PORTA DE 1 FOLHA COM FIXO LATERAL - LINHA RETA - ABERTURA PARA INTERIOR COM PUXADOR SO 81

1 SASH DOOR WITH LATERAL FIXED FRAME - STRAIGHT LINE - INWARD OPENING WITH SO 81 HANDLE

PORTE À 1 VANTAIL AVEC CÔTÉ FIXE - LIGNE DROITE - OUVERTURE VERS L'INTÉRIEUR AVEC POIGNÉE SO 81



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
L1-67	H-67



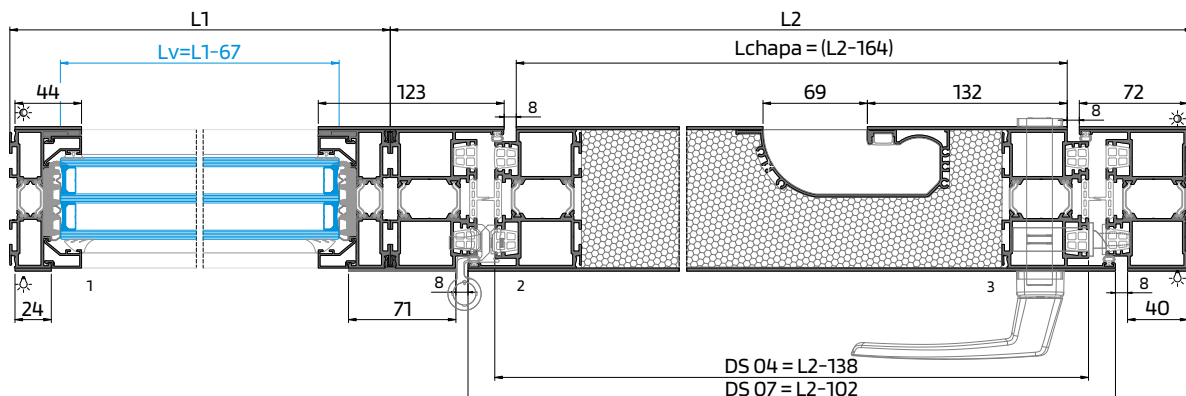
VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208008	VD 2051	2L+4H
208227	VD 2287 DS	3L+4H
208359	VD2180 DS	4L+8H
208360	VD 2181 DS	2L
208353	VD 2130 DS	2L
208504	VD 2171	2L1+2H
208503	ou or ou VD 2170	
208182	VD 2090	2L+2H
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	2L1+2H

PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONT. DETAIL DÉTAIL HORIZONT.	CORTE VERT. VERTICAL DETAIL DÉTAIL VERTIC.	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
DS 07	ARO FIXO FIXED FRAME DORMANT	L2	H	1+2	
DS 01	ARO FIXO FIXED FRAME DORMANT	L1	H	2+2	
DS 07	ARO MÓVEL MOBILE FR OUVRANT	L2-102	H-57	1+2	
DS 04	ARO MÓVEL MOBILE FR OUVRANT	L2-138	-	1	
-	BITÉ GLAZING BEAD PARCLOSE	L1-56	H-96	variável	
SO 81	PUXADOR EMBUTIDO BUILT-IN HANDLE POIGNÉE INTÉGRÉE	-	H-207	1	
DS 49	SOLEIRA SILL SEUIL	L2-170	-	1	
KE 45	PERFIL REMATE TRIM PROFILE PROFIL DE FINITION	-	H-6	2	
ALTERNATIVA ALTERNATIVE ALTERNATIVE					
DS 49	SOLEIRA SILL SEUIL	L2-85	-	1	

* Para tipologias de batente sem a aplicação dos topos soleira.
For jamb typologies without the application of sill ends.
Pour les typologies de montants sans application d'extrémités de seuil.

ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
204177	ESQUADRO DS GRANDE 2933-D BLICKING BRACKET ÉQUERRE	12
204178	ESQUADRO DS 2914-D BLICKING BRACKET ÉQUERRE	8
202238	DOBRAÇA PORTA DS 2L AFINAÇÃO 3D HINGE PALMELE	2
201138	FECHADURA 3 PONTOS M2 35MM ESQ. LOCKER SERRURE	1
280042	TESTA CENTRAL FECHADURA M2 STRICKING PLATE GÂCHE	1
280043	TESTA INF. / SUP. FECHADURA M2 STRICKING PLATE GÂCHE	2
207458	CILINDRO ALTA SEGURANÇA 30/80 CYLINDER LOCK CYLINDRE DE SERRURE	1
220197	ESPELHO ALUMÍNIO 30mm CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
200792	PUXADOR DE PORTA DUPLO CUBIC HANDLE POIGNÉE	1
210507	TOPO SUP. / INF. LATERAL DS DIR. END-CAP KIT KIT D'EMBOUT	2
210508	TOPO SUP. / INF. LATERAL DS ESQ. END-CAP KIT KIT D'EMBOUT	2
210511	TOPO SOLEIRA DS ESQUERDO LEFT DS SILL TOP SEUIL DE CAISSE GAUCHE DS	1
210512	TOPO SOLEIRA DS DIREITO RIGHT DS SILL TOP SEUIL DE CAISSE DROIT DS	1
212449	CONJ. TOPOS SO 81 N°2 END-CAP KIT KIT D'EMBOUT	1
212418	CONJ. TOPOS ARO FIXO DS END-CAP KIT KIT D'EMBOUT	4
215995	PERFIL DIFUSOR LED PP 2118 (4M) PROFILE PROFILÉ	1 **
221122	FITA LED IP65 24V/8W BRANCA (5M) LED TAPE RUBAN LED	1 **
213306	ÂNGULO REMATE CENTRAL CENTRIF ANGLE ANGLE DE TIR CENTRAL	4
290271	PARAFUSO DIN 7981 3,9X25 A2 SCREW VIS	4
290262	PARAFUSO PAR 003 PK INOX PH 11/2x10 CQ SCREW VIS	4
290030	PARAFUSO DIN7981 4,2x38 INOX A2 SCREW VIS	4 *
290030	PARAFUSO AT/PF DIN7504-N 4,8x25 INOX A2 SCREW VIS	min. 8
218194	CALÇOS P/VIDRO EURO 2000 GLAZING SHIMS CALES POUR VERRE	Diversos Various Divers

* Para tipologias sem a aplicação dos topos soleira.
For typologies without the application of sill ends.
Pour les typologies sans application d'extrémités de seuil.
** Em alternativa, usar a Junta VD 2132 (Ref 208323) em toda a altura.
Alternatively, use the Joint VD 2132 (Ref 208323) along the entire height.
En alternative, utiliser le Joint VD2132 (réf. 208323) sur toute la hauteur.



PORTA DE 1 FOLHA DE ABERTURA PARA INTERIOR - C/ DOB. OCULTA E SISTEMA ABERTURA INTELIGENTE

1 SASH INWARD OPENING DOOR - WITH CONCEALED HING AND SMART OPENING SYSTEM

PORTE À 1 VANTAIL D'OUVERTURE VERS L'INTÉRIEUR - AVEC PAUMELLE CACHÉE ET SYSTÈME D'OUVERTURE INTELLIGENT

PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL DETAIL DETAIL HORIZONTAL	CORTE VERT. VERTICAL DETAIL DETAIL VERTIC.	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
 DS 07	ARO FIXO FIXED FRAME DORMANT	L	H	1+2	
 DS 07	ARO MÓVEL MOBILE FR. OUVRANT	L-102	H-57	1+2	
 DS 04	ARO MÓVEL MOBILE FR. OUVRANT	L-138	-	1	
 DS 49	SOLEIRA SILL SEUIL	L-170	-	1	
 SO 81	PUXADOR EMBUTIDO BUILT-IN HANDLE POIGNÉE INTÉGRÉE	-	H-207	1	
ALTERNATIVA ALTERNATIVE ALTERNATIVE					
 DS 49	SOLEIRA SILL SEUIL	*	L-85	1	

* Para tipologias de batente sem a aplicação dos topos soleira

For jamb typologies without the application of sill ends

Pour les typologies de montants sans application d'extrémités de seuil.

ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
204177	ESQUADRO DS GRANDE 2933-D BLOCKING BRACKET POI JERRRE	12
202109	DOBRADIÇA OCULTA SOLID HINGE PAUMELLE	2
201138	FECHADURA 3 PONTOS M2 35MM ESQ. LOCKER SERRURE	1
212424	CONJUNTO CHAPA TESTA LISA STRIKING PLATE GÂCHE	1
207458	CILINDRO ALTA SEGURANÇA 30/80 CYLINDER LOCK CYLINDRE DE SERRURE	1
220197	ESPELHO ALUMÍNIO 30mm CYLINDER BACK PLATE SMOULGUE DE CYLINDRE	1
299120	SISTEMA ABERTURA INTELIGENTE LINUS PRETO SMART OPENING SYSTEM SYSTÈME D'OUVRETURE INTELLIGENT	1
218161	CALÇO AB. INTERIOR P/ LINUS SHIM CALE	1
299121	TECLADO LINUS KEYBOARD CLAVIER	1
299122	REPETIDOR WIFI LINUS WIFI BRIDGE PONT WI-FI	1
210507	TOPO SUP. / INF. LATERAL DS DIR. END-CAP KIT KIT D'EMBOUT	2
210508	TOPO SUP. / INF. LATERAL DS ESQ. END-CAP KIT KIT D'EMBOUT	2
210511	TOPO SOLEIRA DS ESQUERDO LEFT DS SILL TOP SEUIL DE CAISSE GAUCHE DS	1
210512	TOPO SOLEIRA DS DIREITO RIGHT DS SILL TOP SEUIL DE CAISSE DROIT DS	1
215504	PEÇA DE FIXAÇÃO DOB. OCULTA SOLID CONCEALED HINGE FIXING PIECE PIÈCE DE ÉLEVATION DE LA CHARNIERE CACHÉE	8
212449	CONJ. TOPOS 50 81 NR2 END-CAP KIT KIT D'EMBOUT	1
212418	CONJ. TOPOS ARO FIXO DS END-CAP KIT KIT D'EMBOUT	2
215995	PERFIL DIFUSOR LED PP 2118 (4M) PROFILE PROFILE	1 **
221122	FITA LED IP65 24V/8W BRANCA (5M) LED TAPE RUBAN LED	1 **
213306	ÂNGULO REMATE CENTRAL CENTRE ANGLE ANGLE DE TIR CENTRAL	4
290271	PARAFUSO DIN 7981 3,9X25 A2 SCREW VIS	4
290262	PARAFUSO PAR 003 PK INOX PH 11/2x10 CQ SCREW VIS	4
290109	PARAFUSO DIN7982 4,8X19 INOX A2 SCREW VIS	16
290149	PARAFUSO CX UMB. M6X60 INOX A2 SCREW VIS	12
290030	PARAFUSO DIN7981 4,2x38 INOX A2	4 *

* Para tipologias sem a aplicação dos topos soleira.

For typologies without the application of sill ends.

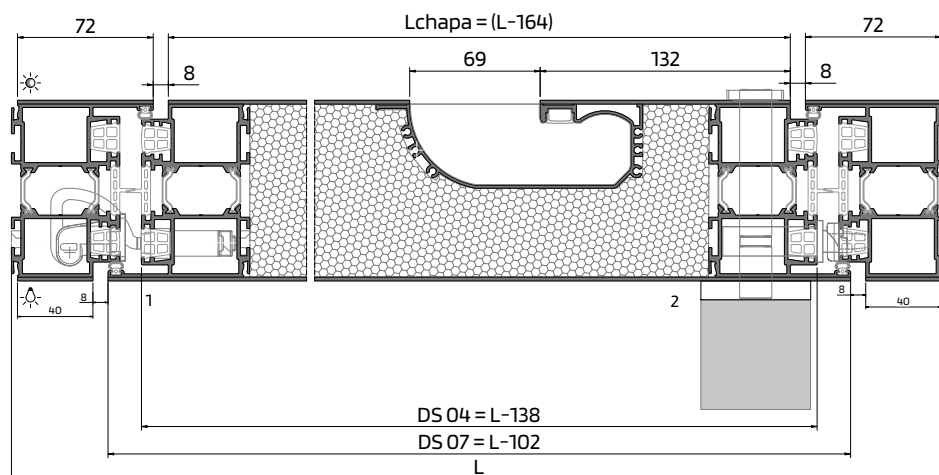
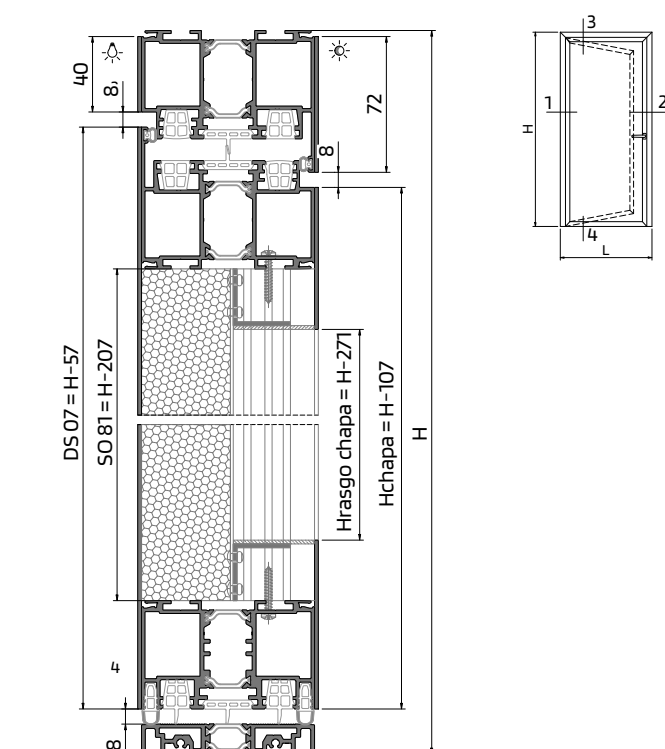
Pour les typologies sans application d'extrémités de seuil.

**** Em alternativa, usar a Junta VD 2132 (Ref 208323 em toda a altura.**

Alternatively, use the Joint VP 2132 (Ref 208323) along the entire height.

En alternative, utiliser le Joint VD2132 (réf. 208323) sur toute la hauteur.

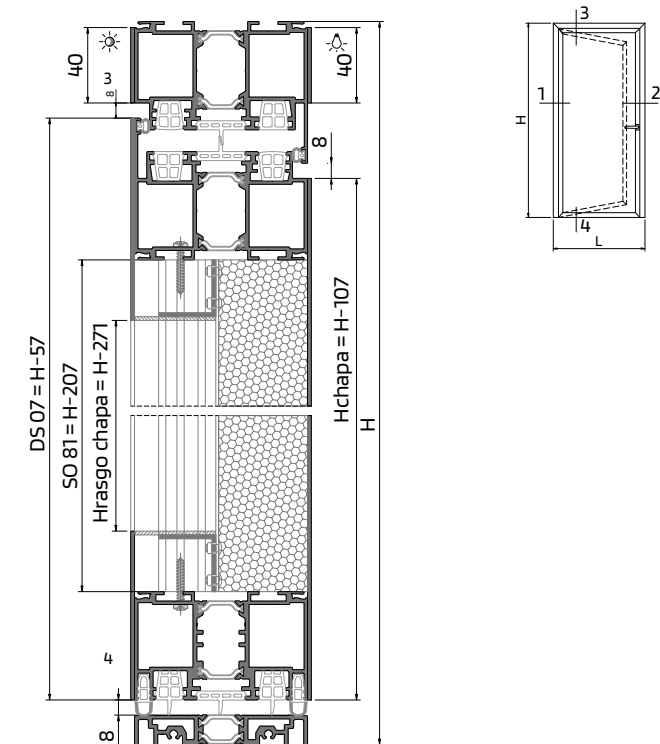
VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
 208008	VD 2051	2L+4H
 208227	VD 2287 DS	3L+4H
 208359	VD2180 DS	4L+8H
 208360	VD 2181 DS	2L
 208353	VD 2130 DS	2L



PORTA DE 1 FOLHA DE ABERTURA PARA EXTERIOR - C/ DOB. OCULTA E SISTEMA ABERTURA INTELIGENTE
1 SASH OUTWARD OPENING DOOR - WITH CONCEALED HING AND SMART OPENING SYSTEM
PORTE À 1 VANTAIL D'OUVERTURE VERS L'EXTÉRIEUR - AVEC PAUMELLE CACHÉE ET SYSTÈME D'OUVERTURE INTELLIGENT

PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONT. DETAIL DÉTAIL HORIZONTAL	CORTE VERT. VERTICAL DETAIL DÉTAIL VERTIC.	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPÉ
DS 07	ARO FIXO FIXED FRAME DORMANT	L	H	1+2	
DS 07	ARO MÓVEL MOBILE FR. OUVRANT	L-102	H-57	1+2	
DS 04	ARO MÓVEL MOBILE FR. OUVRANT	L-138	-	1	
DS 49	SOLEIRA SILL SEUIL	L-170	-	1	
SO 81	PUXADOR EMBUTIDO BUILT-IN HANDLE POIGNÉE INTÉGRÉE	-	H-207	1	
ALTERNATIVA ALTERNATIVE ALTERNATIVE					
DS 49	SOLEIRA SILL SEUIL	L-85	-	1	

★ Para tipologias de batente sem a aplicação dos topos soleira.
For jamb typologies without the application of sill ends.
Pour les typologies de montants sans application d'extrémités de seuil.

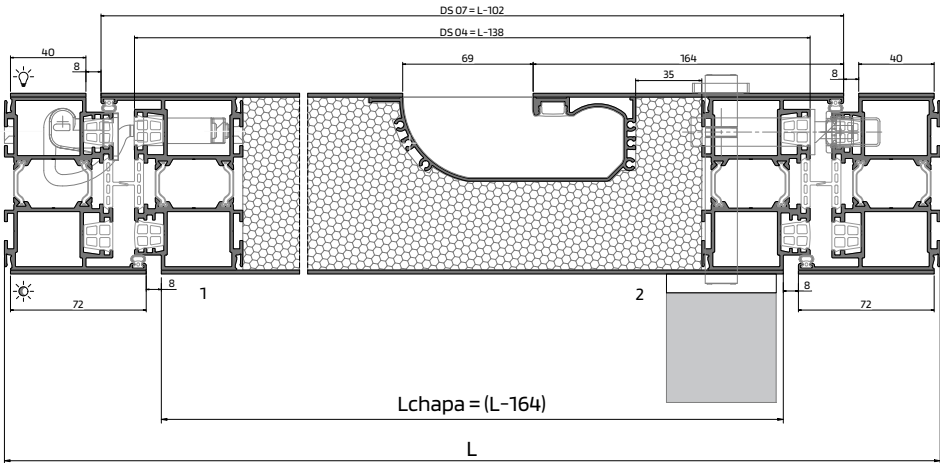


ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
204177	ESQUADRO DS GRANDE 2933-D BLOCKING BRACKET ÉQUERRE	12
202109	DOBRADIÇA OCULTA SOLID HINGE PAUMELLE	2
207458	CILINDRO ALTA SEGURANÇA 30/80 CYLINDER LOCK CYLINDRE DE SERRURE	1
220197	ESPELHO ALUMÍNIO 30mm CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	1
201109	FECHADURA 3 PONTOS 4E5 50MM LOCKER SERRURE	1
280038	TESTA CENTRAL REGULÁVEL 184 PRT STRIKING PLATE GÂCHE	1
280039	TESTA SUP. / INF. REGULÁVEL 2965 PRT STRIKING PLATE GÂCHE	2
203307	COPO PEQ. P/TESTA 184 PRT SMALL RECESSED LOCK END-CAP EMBOUT PETIT À ENCASTRER POUR SERRURE	1
203308	COPO P/ TESTA 2965 E 184 PRT RECESSED LOCK END-CAP EMBOUT À ENCASTRER POUR SERRURE	3
299120	SISTEMA ABERTURA INTELIGENTE LINUS PRETO SMART OPENING SYSTEM SYSTÈME D'OUVERTURE INTELLIGENT	1
218161	CALÇO AB. INTERIOR P/ LINUS SHIM CALE	1
299121	TECLADO LINUS KEYBOARD CLAVIER	1
299122	REPETIDOR WIFI LINUS WIFI BRIDGE PONT WI-FI	1
210508	TOPO SUP. / INF. LATERAL DS ESQ. END-CAP KIT KIT D'EMBOUT	2
210511	TOPO SOLEIRA DS ESQUERDO LEFT DS SILL TOP SEUIL DE CAISSE GAUCHE DS	1
210512	TOPO SOLEIRA DS DIREITO RIGHT DS SILL TOP SEUIL DE CAISSE DROIT DS	1
215504	PEÇA DE FIXAÇÃO DOB. OCULTA SOLID CONCEALED HINGE FIXING PIECE PIÈCE DE FIXATION DE LA CHARNIERE CACHÉE	8
212449	CONJ. TOPOS SO 81 N°2 END-CAP KIT KIT D'EMBOUT	1
212418	CONJ. TOPOS ARO FIXO DS END-CAP KIT KIT D'EMBOUT	2
215995	PERFIL DIFUSOR LED PP 2118 (4M) PROFILE PROFILE	1 **
221122	FITA LED IP65 24V/8W BRANCA (5M) LED TAPE RUBAN LED	1 **
213306	ÂNGULO REMATE CENTRAL CENTRE ANGLE ANGLE DE TIR CENTRAL	4
290271	PARAFUSO DIN 7981 3.9X25 A2 SCREW VIS	4
290262	PARAFUSO PAR 003 PK INOX PH 11/2x10 CQ SCREW VIS	4
290109	PARAFUSO DIN 7982 4.8X19 INOX A2 SCREW VIS	16
290149	PARAFUSO CX UMB. M6X60 INOX A2 SCREW VIS	12
290030	PARAFUSO DIN 7981 4.2x38 INOX A2 SCREW VIS	4 *

★ Para tipologias sem a aplicação dos topos soleira.
For typologies without the application of sill ends.
Pour les typologies sans application d'extrémités de seuil.

★★ Em alternativa, usar a Junta VD 2132 (Ref 208323) em toda a altura.
Alternatively, use the Joint VD 2132 (Ref 208323) along the entire height.
En alternative, utiliser le Joint VD2132 (réf. 208323) sur toute la hauteur.

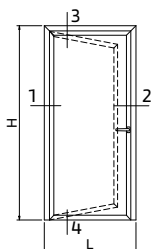
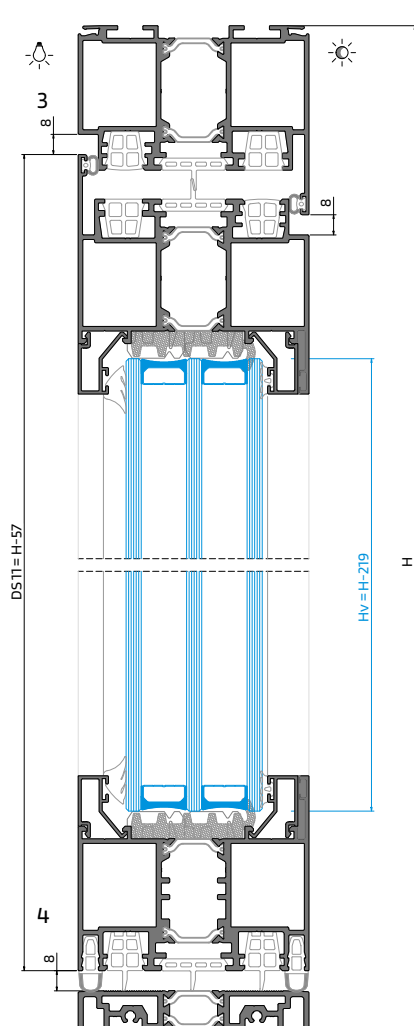
VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208008	VD 2051	2L+4H
208227	VD 2287 DS	3L+4H
208359	VD 2180 DS	4L+8H
208360	VD 2181 DS	2L
208353	VD 2130 DS	2L



PORTA DE 1 FOLHA DE ABERTURA PARA INTERIOR - COM DOBRADIÇA DS 2L

1 SASH INWARD OPENING DOOR - WITH DOOR HING DS 2L

PORTE À 1 VANTAIL D'OUVERTURE VERS L'INTÉRIEUR - AVEC PAUMELLE PORTE DS 2L



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
L-264	H-219

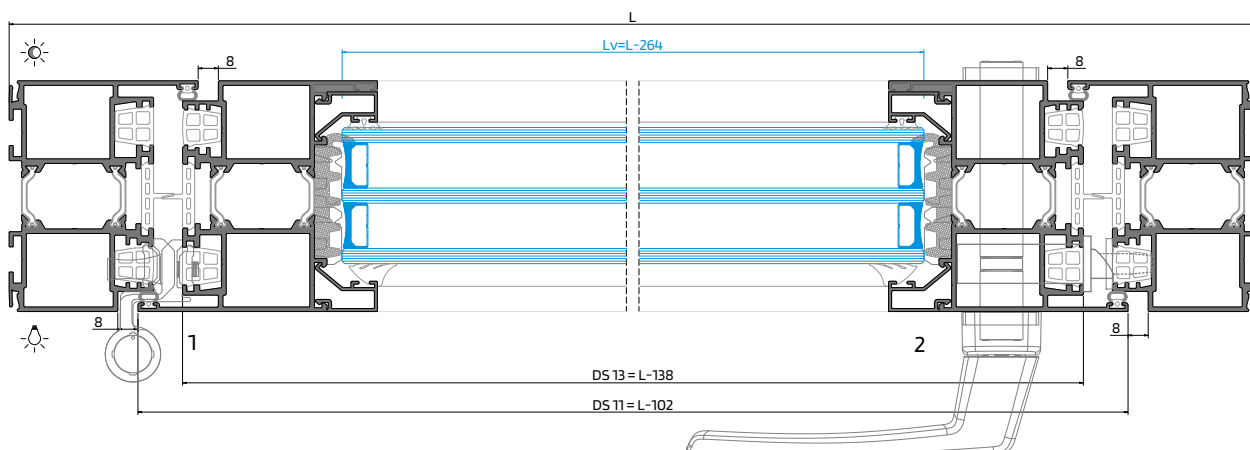
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONT. DETAIL DÉTAIL HORIZONT.	CORTE VERT. VERTICAL DETAIL DÉTAIL VERTIC.	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
DS 07	ARO FIXO FIXED FRAME DORMANT	L	H	1+2	
DS 11	ARO MÓVEL MOBILE FR. OUVRANT	L-102	H-57	1+2	
DS 13	ARO MÓVEL MOBILE FR. OUVRANT	L-138	-	1	
DS 49	SOLEIRA SILL SEUIL	L-170	-	1	
-	BITE GLAZING BEAD PARCLOSE	L-252	H-247	variável	
ALTERNATIVA ALTERNATIVE ALTERNATIVE					
DS 49	SOLEIRA SILL SEUIL	L-85	-	1	

★ Para tipologias de batente sem a aplicação dos topos soleira.
For jamb typologies without the application of sill ends.
Pour les typologies de montants sans application d'extrémités de seuil.

ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
204177	ESQUADRO DS GRANDE 2933-D BLOCKING BRACKET ÉCLOFFERBE	12
202238	DOBRADIÇA PORTA DS 2L AFINAÇÃO 3D HINGE PAUMELLE	2
201138	FECHADURA 3 PONTOS M2 35MM ESQ. LOCKER SERRURE	1
280042	TESTA CENTRAL FECHADURA M2 STRIKING PLATE GÂCHE	1
280043	TESTA INF. / SUP. FECHADURA M2 STRIKING PLATE GÂCHE	2
207458	CILINDRO ALTA SEGURANÇA 30/80 CYLINDER LOCK CYLINDRE DE SERRURE	1
220197	ESPELHO ALUMÍNIO 30mm CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
200792	PUXADOR DE PORTA DUPLO CUBIC HANDLE POIGNÉE	1
210507	TOPO SUP. / INF. LATERAL DS DIREITO END-CAP KIT KIT D'EMBOUT	2
210508	TOPO SUP. / INF. LATERAL DS ESQUERDO END-CAP KIT KIT D'EMBOUT	2
210511	TOPO SOLEIRA DS ESQUERDO LEFT DS SILL TOP SEUIL DE CAISSE GAUCHE DS	1
210512	TOPO SOLEIRA DS DIREITO RIGHT DS SILL TOP SEUIL DE CAISSE DROIT DS	1
212418	CONJ. TOPOS ARO FIXO DS END-CAP KIT KIT D'EMBOUT	4
290262	PARAFUSO PAR 003 PK INOX PH 11/2x10 CQ SCREW VIS	4
290030	PARAFUSO DIN7981 4,2x38 INOX A2 SCREW VIS	4★
218194	CALÇOS P/VIDRO EURO 2000 GLAZING SHIMS CALES POUR VERRE	Diversos Various Divers

★ Para tipologias sem a aplicação dos topos soleira.
For typologies without the application of sill ends.
Pour les typologies sans application d'extrémités de seuil.

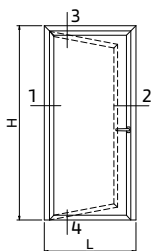
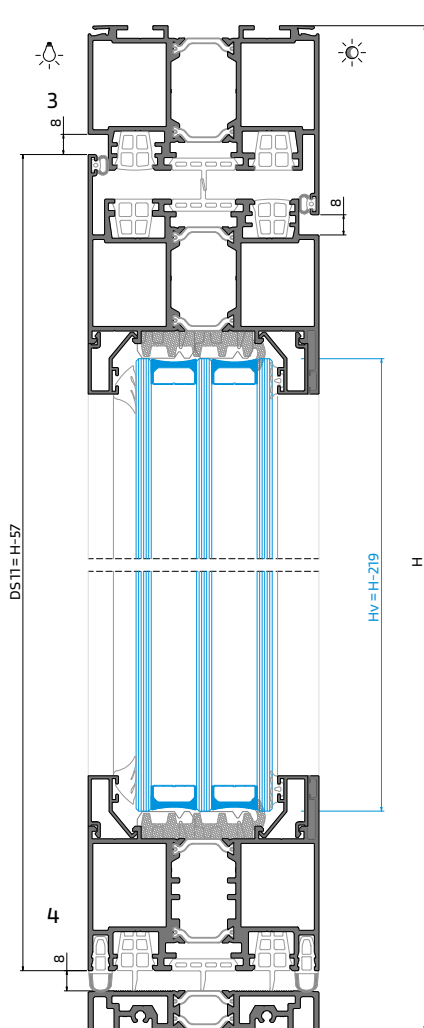
VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208008	VD 2051	2L+4H
208227	VD 2287 DS	3L+4H
208359	VD2180 DS	4L+8H
208360	VD 2181 DS	2L
208353	VD 2130 DS	2L
208504	VD 2171 ou or ou VD 2170	2L+2H
208503	VARIÁVEL VARIABLE	2L+2H
208182	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	2L+2H
208182	VD 2090	2L+2H



PORTA DE 1 FOLHA DE ABERTURA PARA INTERIOR - COM DOBRADIÇA OCULTA

1 SASH INWARD OPENING DOOR - WITH CONCEALED HINGE

PORTE À 1 VANTAIL D'OUVERTURE VERS L'INTÉRIEUR - AVEC PAUMELLE CACHÉE



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
L-264	H-219

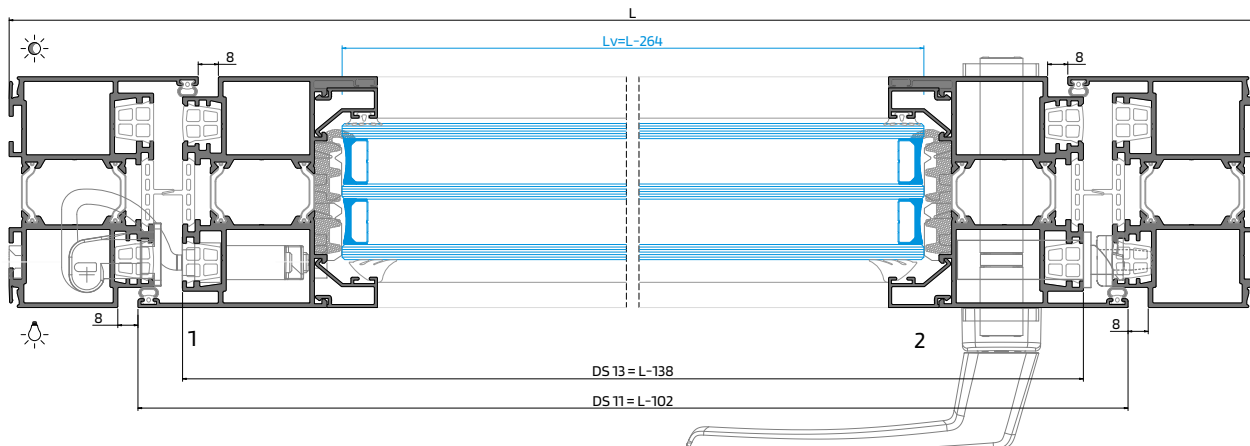
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONT. DETAIL DÉTAIL HORIZONT.	CORTE VERT. VERTICAL DETAIL DÉTAIL VERTIC.	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPÉ
DS 07	ARO FIXO FIXED FRAME DORMANT	L	H	1+2	
DS 11	ARO MÓVEL MOBILE FR. OUVRANT	L-102	H-57	1+2	
DS 13	ARO MÓVEL MOBILE FR. OUVRANT	L-138	-	1	
DS 49	SOLEIRA SILL SEUIL	L-170	-	1	
-	BITE GLAZING BEAD PARCLOSE	L-252	H-247	variável	
ALTERNATIVA ALTERNATIVE ALTERNATIVE					
DS 49	SOLEIRA SILL SEUIL	L-85	-	1	

★ Para tipologias de batente sem a aplicação dos topos soleira.
For jamb typologies without the application of sill ends.
Pour les typologies de montants sans application d'extrémités de seuil.

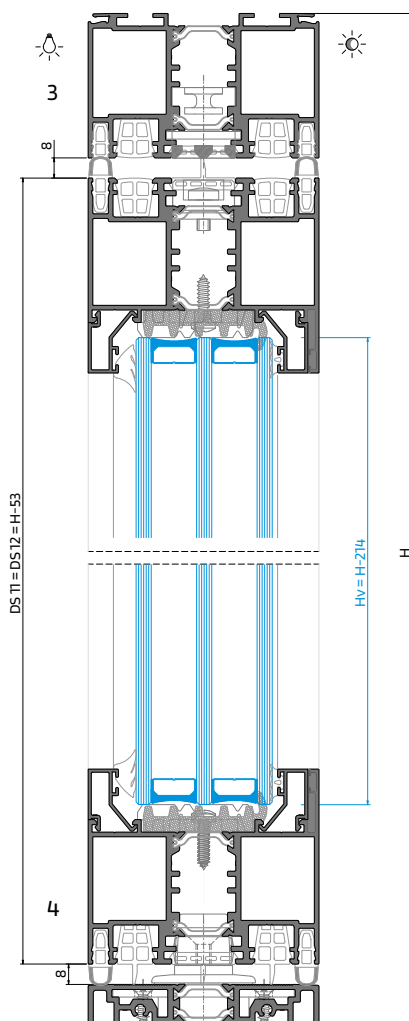
ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
204177	ESQUADRO DS GRANDE 2933-D RL LOCKING BRACKET FOUJEBRE	12
202109	DOBRADIÇA OCULTA SOLID HINGE PAUMELLE	2
201138	FECHADURA 3 PONTOS M2 35MM ESQ. LOCKER SERRURE	1
212424	CONJUNTO CHAPA TESTA LISA STRIKING PLATE GÂCHE	1
207458	CILINDRO ALTA SEGURANÇA 30/80 CYLINDER LOCK CYLINDRE DE SERRURE	1
220197	ESPELHO ALUMÍNIO 30mm CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
200792	PUXADOR DE PORTA DUPLO CUBIC HANDLE POIGNÉE	1
210507	TOPO SUP. / INF. LATERAL DS DIR. END-CAP KIT KIT D'EMBOUT	2
210508	TOPO SUP. / INF. LATERAL DS ESQ. END-CAP KIT KIT D'EMBOUT	2
210511	TOPO SOLEIRA DS ESQUERDO LEFT DS SILL TOP SEUIL DE CAISSE GAUCHE DS	1
210512	TOPO SOLEIRA DS DIREITO RIGHT DS SILL TOP SEUIL DE CAISSE DROIT DS	1
215504	PEÇA DE FIXAÇÃO DOB. OCULTA SOLID CONCEALED HINGE FIXING PIECE PIÈCE DE FIXATION DE LA CHARNIÈRE CACHÉE	8
212418	CONJ. TOPOS ARO FIXO DS END-CAP KIT KIT D'EMBOUT	2
290262	PARAFUSO PAR 003 PK INOX PH 11/2x10 CQ SCREW VIS	4
290109	PARAFUSO DIN7982 4.8X19 INOX A2 SCREW VIS	16
290149	PARAFUSO CX UMB. M6X60 INOX A2 SCREW VIS	12
290030	PARAFUSO DIN7981 4.2x38 INOX A2 SCREW VIS	4★
218194	CALÇOS P/VIDRO EURO 2000 GLAZING SHIMS CALES POUR VERRE	Diversos Various Divers

★ Para tipologias sem a aplicação dos topos soleira.
For typologies without the application of sill ends.
Pour les typologies sans application d'extrémités de seuil.

VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208008	VD 2051	2L+4H
208227	VD 2287 DS	3L+4H
208359	VD2180 DS	4L+8H
208360	VD 2181 DS	2L
208353	VD 2130 DS	2L
208504	VD 2171	2L+2H
208503	ou or ou VD 2170	
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	2L+2H
208182	VD 2090	2L+2H



PORTA PIVOTANTE 1 FOLHA
1 SASH PIVOTING DOOR
PORTE PIVOTANT 1 VANTAIL



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
L-264	H-219

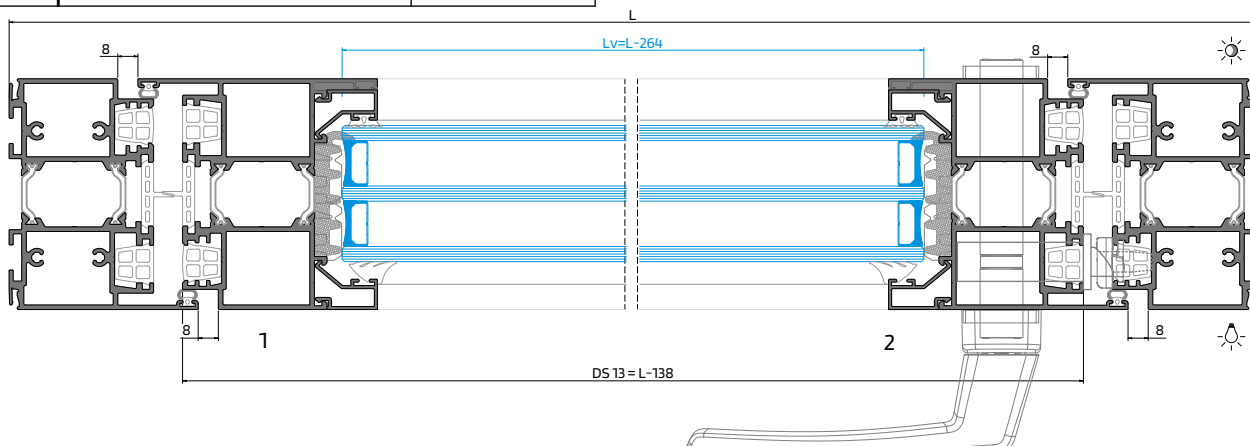
VEDANTES SEALANTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208008	VD 2051	4H
208227	VD 2287 DS	3L+4H
208359	VD 2180 DS	4L+8H
208360	VD 2181 DS	2L
208353	VD 2130 DS	4L
208361	VD 2182 DS	2L
208504	VD 2171 ou or ou	2L+2H
208503	VD 2170	2L+2H
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	2L+2H
208182	VD 2090	2L+2H

PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONT. DETAIL	CORTE VERT. VERTICAL DETAIL	QUANT. QUANTITY	CORTE CUT
DS 04	ARO FIXO FIXED FRAME DORMANT	L	-	1	
DS 06	ARO FIXO FIXED FRAME DORMANT	-	H-57	2	
DS 11	ARO MÓVEL MOBILE FR. OUVRANT	-	H-53	1	
DS 12	ARO MÓVEL MOBILE FR. OUVRANT	-	H-53	1	
DS 13	ARO MÓVEL MOBILE FR. OUVRANT	L-138	-	2	
DS 49	SOLEIRA SILL SEUIL	L-170	-	1	
-	BITÊ GLAZING BEAD PARCLOUSE	L-252	H-247	variável	
ALTERNATIVA ALTERNATIVE ALTERNATIVE					
DS 06	ARO FIXO FIXED FRAME DORMANT	-	H-73	2	
DS 49	SOLEIRA SILL SEUIL	L	-	1	

* Para tipologias sem a aplicação dos topos soleira.
For typologies without the application of sill ends.
Pour les typologies sans application d'extrémités de seuil.

ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
204177	ESQUADRO DS GRANDE 2933-D BLICKING BRACKET ÉQUERRE	8
201138	FECHADURA 3 PONTOS M2 35MM ESQ. LOCKER SERRURE	1
212424	CONJUNTO CHAPA TESTA LISA STRIKING PLATE GÂCHE	1
207458	CILINDRO ALTA SEGURANÇA 30/80 CYLINDER LOCK CYLINDRE DE SERRURE	1
220197	ESPELHO ALUMÍNIO 30mm CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
200792	PUXADOR DE PORTA DUPLO CUBIC HANDLE POIGNÉE	1
227114	PIVOT DE CHÃO 7471 AX FLOOR PIVOT PIVOT DE SOL	1
212331	CONJ. SUPERIOR PIVOT 300KG TOP FLUSH HINGE PIVOT SUPÉRIEUR	1
210121	BRAÇO INFERIOR PIVOT 300KG BOTTOM STRAP BRAS DU BAS	1
215041	PEÇA FIXAÇÃO INOX DS Nº1 STAINLESS STEEL FIXING PIECE DS Nº1 PIÈCE DE FIXATION EN ACIER INOXYDABLE DS Nº1	2
215042	PEÇA FIXAÇÃO INOX DS Nº2 STAINLESS STEEL FIXING PIECE DS Nº2 PIÈCE DE FIXATION EN ACIER INOXYDABLE DS Nº2	1
215043	PEÇA FIXAÇÃO INOX DS Nº3 STAINLESS STEEL FIXING PIECE DS Nº3 PIÈCE DE FIXATION EN ACIER INOXYDABLE DS Nº3	1
210507	TOPO SUP. / INF. LATERAL DS DIR. END-CAP KIT KIT D'EMBOUT	2
210508	TOPO SUP. / INF. LATERAL DS ESQ. END-CAP KIT KIT D'EMBOUT	2
210512	TOPO SOLEIRA DS DIREITO RIGHT DS SILL TOP SEUIL DE CAISSE DROIT DS	2
212418	CONJ. TOPOS ARO FIXO DS END-CAP KIT KIT D'EMBOUT	4
212415	CONJ. CALÇOS FIX. ARO FIXO DS FIXED SHIM KIT JOINT DE CALES FIXES	1
290480	PARAFUSO CX UMB. M5X16 INOX A2 SCREW IVIS	6
290148	PARAFUSO CX UMB. M5X50 INOX A2 SCREW IVIS	4
290262	PARAFUSO PAR 003 PK INOX PH 11/2X10 CQ SCREW IVIS	4
290168	PARAFUSO CX 5/8X10 INOX A2 SCREW IVIS	2
290506	PARAFUSO PK1 PH 3/4X10 CQ SCREW IVIS	7
290149	PARAFUSO CX UMB. M6X60 INOX A2 SCREW IVIS	5
290030	PARAFUSO DIN7981 4.2x38 INOX A2 SCREW IVIS	8
218194	CALÇOS P/VIDRO EURO 2000 GLAZING SHIMS CALES POUR VERRE	16*

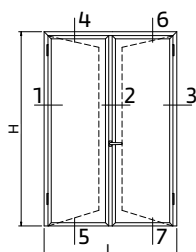
* Para tipologias sem a aplicação dos topos soleira.
For typologies without the application of sill ends.
Pour les typologies sans application d'extrémités de seuil.



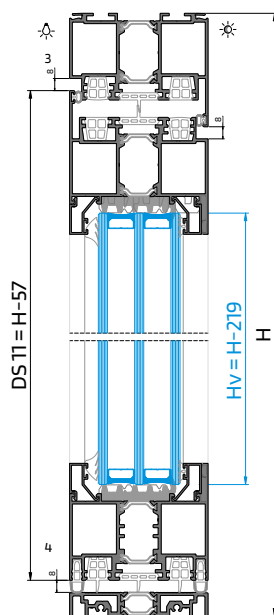
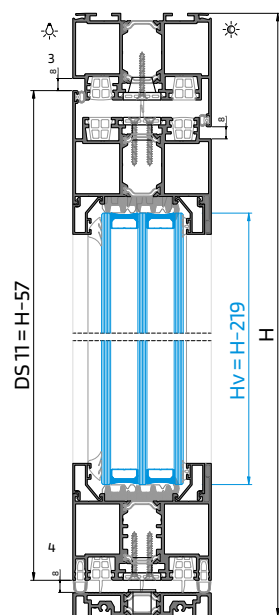
PORTA DE 2 FOLHAS DE ABERTURA PARA INTERIOR - COM DOBRADIÇA DS 2D

2 SASHES INWARD OPENING DOOR - WITH DOOR HING DS 2L

PORTE À 2 VANTAUX D'OUVERTURE VERS L'INTÉRIEUR - AVEC PAUMELLE PORTE DS 2L



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
(1 - 403)/2	H-219



VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
	208008 VD 2051	2L+6H
	208227 VD 2287 DS	3L+6H
	208359 VD2180 DS	4L+12H
	208360 VD 2181 DS	2L
	208353 VD 2130 DS	2L
	208504 VD 2171	2L+4H
	ou or ou VD 2170	
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	2L+4H
	208182 VD 2090	2L+4H

PERFIS PROFILES PROFILÉS						
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL DETAIL DÉTAIL HORIZONT.	CORTE VERT. VERTICAL DETAIL DÉTAIL VERTIC.	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE	
 DS 07	ARO FIXO FIXED FRAME DORMANT	L2	H2	1+2		
 DS 11	ARO MÓVEL MOBILE FR OUVRANT	Lsup. = (L-79)/2	H-57	2+3		
 DS 12	ARO MÓVEL MOBILE FR OUVRANT	-	H-57	1		
 DS 13	ARO MÓVEL MOBILE FR OUVRANT	Linf. = (L-150)/2	-	1+1		
 DS 49	SOLEIRA SILL SEUIL	L-170	-	1		
 -	BITE GLAZING BEAD PARCLOSE	★★ (L-379)/2	H-247	variável		
ALTERNATIVA ALTERNATIVE ALTERNATIVE						
 DS 49	SOLEIRA	L-85 ★	-	1		

* Para tipologias de patente sem a aplicação dos topos soleira.

For jamb typologies without the application of sill ends.

Pour les typologies de montants sans application d'extrémités de seuil.

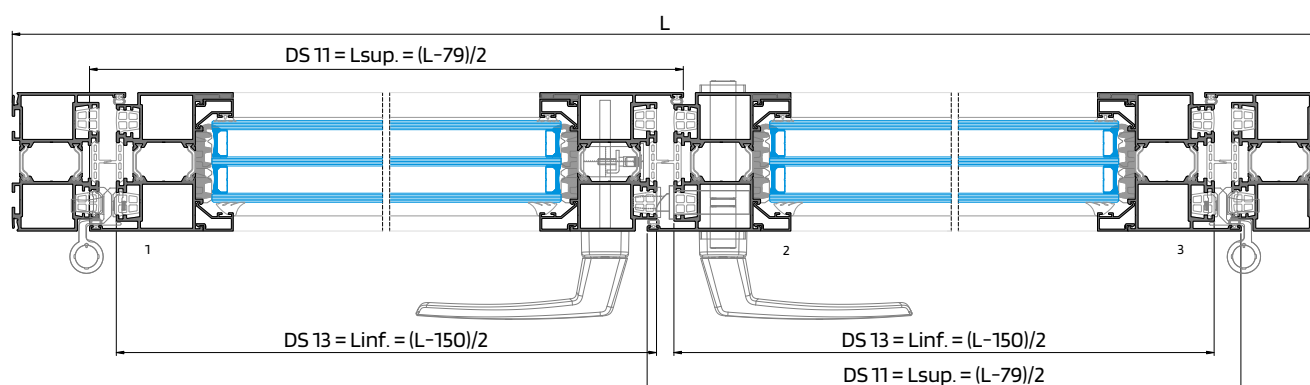
ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CODIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
204177	ESQUADRO DS GRANDE 2933-D BLOCKING BRACKET JOUVERRE	20
202238	DOBRADIÇA PORTA DS 2L AFINAÇÃO 3D HINGE PAUMELLE	4
201112	FECHADURA 3 PONTOS M2 35MM LOCKER SERRURE	1
280042	TESTA CENTRAL FECHADURA M2 STRIKING PLATE GÂCHE	1
280043	TESTA INF./ SUP. FECHADURA M2 STRIKING PLATE GÂCHE	2
201180	FECHADURA DE TRANCAS LOCKER SERRURE	1**
207458	CILINDRO ALTA SEGURANÇA 30/80 CYLINDER LOCK CYLINDRE DE SERRURE	1
220197	ESPELHO ALUMÍNIO 30mm CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
200792	PUXADOR DE PORTA DUPLO CUBIC HANDLE POIGNÉE	2
203303	COPO SUP./INF FECH. TRANCAS OS-P LOCK ACCESS ACCESS. POUR SERRURE	1
207128	GUIA FECHADURA TRANCAS DS LOCKING HARDWARE GUIDE GUIDE POUR SERRURE	2
203304	COPO INF FECH. TRANCAS OS-P LOCK ACCESS ACCESS. POUR SERRURE	1
210507	TOPO SUP./ INF. LATERAL DS DIR. END-CAP KIT KIT D'EMBOUT	4
210508	TOPO SUP./ INF. LATERAL DS ESQ. END-CAP KIT KIT D'EMBOUT	4
210511	TOPO SOLEIRA DS ESQUERDO LEFT OS SILL TOP SEUIL DE CAISSE GAUCHE DS	1
210512	TOPO SOLEIRA DS DIREITO RIGHT OS SILL TOP SEUIL DE CAISSE DROIT DS	1
212418	CONJ. TOPOS ARO FIXO DS END-CAP KIT KIT D'EMBOUT	4
212417	CONJ. TOPOS SUPERIORES 2 FOLHAS DS 2 SASHES UPPER END-CAP KIT KIT D'EMBOUT IT SUPERIEUR 2 VANTAILX	1
212017	CONJ. FIXAÇÃO FERRAGEM MULTI-PONTO MULTIPOINT HARDWARE FIXING KIT KIT FIXATION FERRURE MULTIPOINT	2
290262	PARAFUSO PAR 003 PK INOX PH 11/2x10 CQ SCREW I/VS	4
290080	PARAFUSO DIN7982 PH 3.5X32 INOX A2 SCREW I/VS	6
290030	PARAFUSO DIN7981 4,2x38 INOX A2 SCREW I/VS	4*
218194	CALÇOS P/VIDRO EURO 2000 GLAZING SHIMS CALS POUVRERRE	Diversos Various Divers

*Para tipologias sem a aplicação dos topos soleira

For typologies without the application of sill ends.

Pour les typologies sans application d'extrémités de seuil.

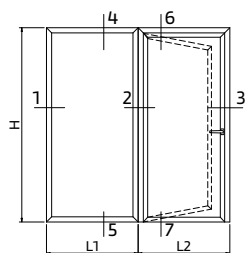
As tipologias não podem ultrapassar os 4200mm de altura.
The typologies cannot exceed 4200mm in height.
Les typologies ne peuvent pas dépasser 4200mm de hauteur.



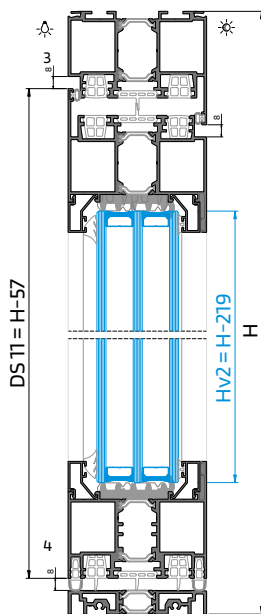
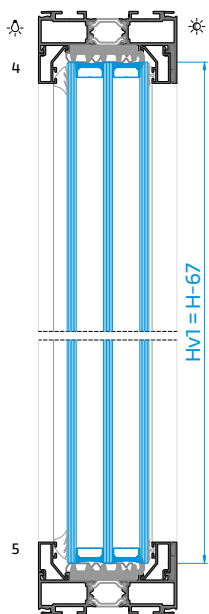
PORTA DE 1 FOLHA COM FIXO LATERAL - LINHA RETA - ABERTURA PARA INTERIOR

1 SASH DOOR WITH LATERAL FIXED FRAME - STRAIGHT LINE - INWARD OPENING

PORTE À 1 VANTAIL AVEC CÔTÉ FIXE - LIGNE DROITE - OUVERTURE VERS L'INTÉRIEUR



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
Lv1= L1-67	Hv1= H-67
Lv2 = L2-264	Hv2 = H-219



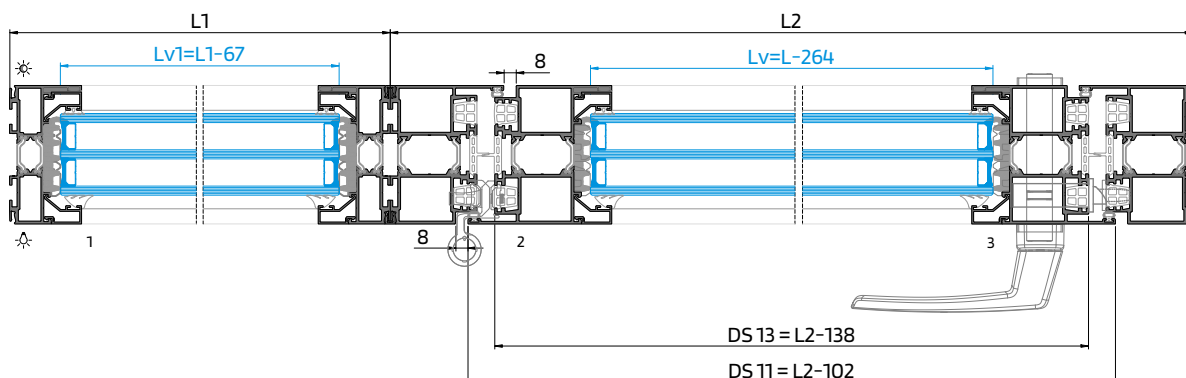
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONT. DETAIL DÉTAIL HORIZONT.	CORTE VERT. VERTICAL DETAIL DÉTAIL VERTIC.	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
DS 07	ARO FIXO FIXED FRAME DORMANT	L2	H	1+2	
DS 01	ARO FIXO FIXED FRAME DORMANT	L1	H	2+2	
DS 11	ARO MÓVEL MOBILE FR OUVRANT	L2-102	H-57	1+2	
DS 13	ARO MÓVEL MOBILE FR OUVRANT	L2-138	-	1	
-	BITE GLAZING BEAD PARCLOSE	L1-56	H-96	variável	
DS 49	SOLEIRA SILL SEUIL	L2-170	-	1	
KE 45	PERFIL REMATE TRIM PROFILE PROFIL DE FINITION	-	H-6	2	
ALTERNATIVA ALTERNATIVE ALTERNATIVE					
DS 49	SOLEIRA SILL SEUIL	L2-85	-	1	

★ Para tipologias de batente sem a aplicação dos topos soleira.
For jamb typologies without the application of sill ends.
Pour les typologies de montants sans application d'extrémités de seuil.

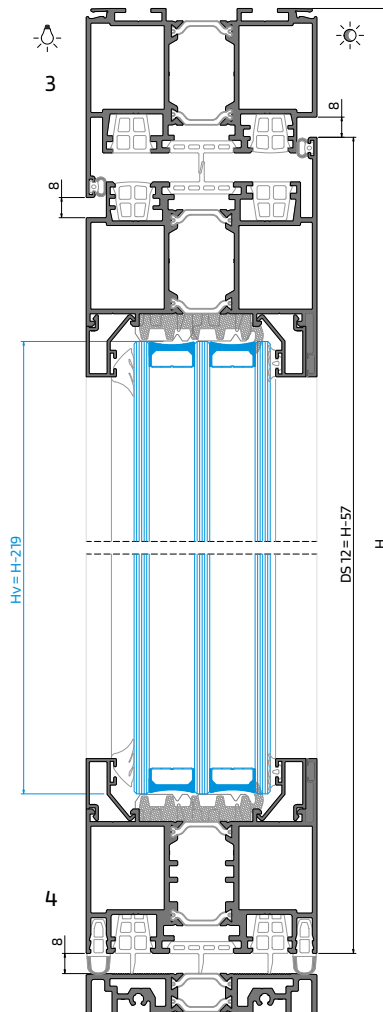
ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
204177	ESQUADRO DS GRANDE 2933-D BLOCKING BRACKET ÉCLOUVERRE	12
204178	ESQUADRO DS 2914-D BLOCKING BRACKET ÉCLOUVERRE	8
202238	DOBRADIÇA PORTA DS 2L AFINAÇÃO 3D HINGE PAUMELLE	2
201138	FECHADURA 3 PONTOS M2 35MM ESQ. LOCKER SERRURE	1
280042	TESTA CENTRAL FECHADURA M2 STRIKING PLATE GÂCHE	1
280043	TESTA INF./SUP. FECHADURA M2 STRIKING PLATE GÂCHE	2
207458	CILINDRO ALTA SEGURANÇA 30/80 CYLINDER LOCK CYLINDRE DE SERRURE	1
220197	ESPELHO ALUMÍNIO 30mm CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
200792	PUXADOR DE PORTA DUPLO CUBIC HANDLE POIGNÉE	1
210507	TOPO SUP./INF. LATERAL DS DIR. END-CAP KIT KIT D'EMBOUT	2
210508	TOPO SUP./INF. LATERAL DS ESQ. END-CAP KIT KIT D'EMBOUT	2
210511	TOPO SOLEIRA DS ESQUERDO LEFT DS SILL TOP SEUIL DE CAISSE GAUCHE DS	1
210512	TOPO SOLEIRA DS DIREITO RIGHT DS SILL TOP SEUIL DE CAISSE DROIT DS	1
212418	CONJ. TOPOS ARO FIXO DS END-CAP KIT KIT D'EMBOUT	4
290262	PARAFUSO PAR 003 PK INOX PH 11/2x10 CQ SCREW VIS	4
290030	PARAFUSO DIN7981 4,2x38 INOX A2 SCREW VIS	4★
290030	PARAFUSO AT/PF DIN7504-N 4,8x25 INOX A2 SCREW VIS	mínimo 8
218194	CALÇOS P/VIDRO EURO 2000 GLAZING SHIMS CALES POUR VERRE	Diversos Various Divers

★ Para tipologias sem a aplicação dos topos soleira.
For typologies without the application of sill ends.
Pour les typologies sans application d'extrémités de seuil.

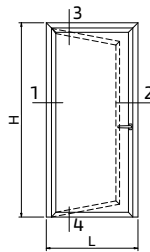
VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208008	VD 2051	2L+4H
208227	VD 2287 DS	3L+4H
208359	VD2180 DS	4L+8H
208360	VD 2181 DS	2L
208353	VD 2130 DS	2L
208504	VD 2171	2L1+2H
208503	ou or ou VD 2170	
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	2L1+2H
208182	VD 2090	2L+2H



PORTA DE 2 FOLHAS DE ABERTURA PARA EXTERIOR
2 SASHES OUTWARD OPENING DOOR
PORTE À 2 VANTAUX D'OUVERTURE VERS L'EXTÉRIEUR



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
L-264	H-219



PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONT. DETAIL DÉTAIL HORIZONT.	CORTE VERT. VERTICAL DETAIL DÉTAIL VERTIC.	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
DS 07	ARO FIXO FIXED FRAME DORMANT	L2	H2	1+2	
DS 12	ARO MÓVEL MOBILE FR. OUVRANT	L-102	H-57	1+2	
DS 13	ARO MÓVEL MOBILE FR. OUVRANT	L-138	-	1	
DS 49	SOLEIRA SILL SEUIL	L-170	-	1	
-	BITE GLAZING BEAD PARCLOSE	L-252	H-247	variável	
ALTERNATIVA ALTERNATIVE ALTERNATIVE					
DS 49		L-85	-	1	

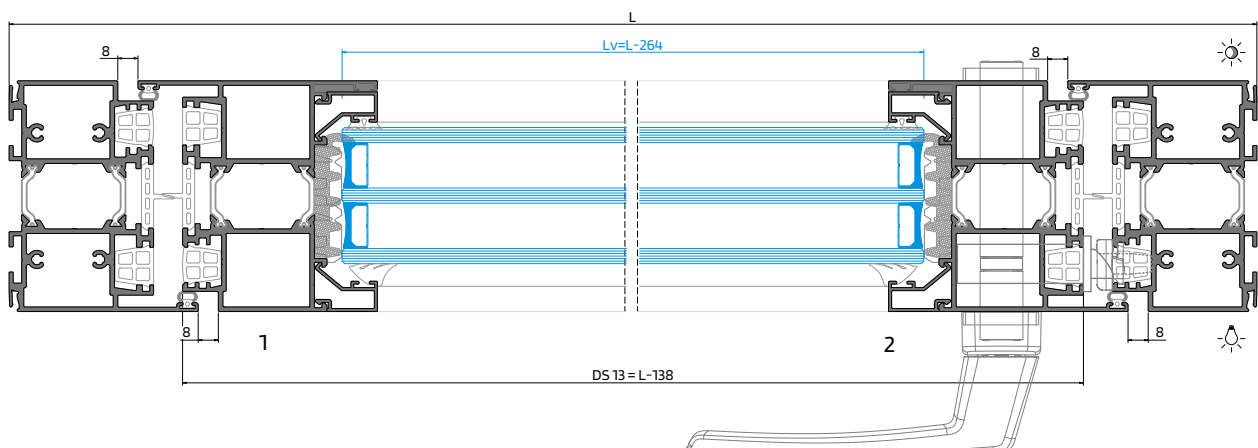
★ Para tipologias de batente sem a aplicação dos topos soleira.
For jamb typologies without the application of sill ends.
Pour les typologies de montants sans application d'extrémités de seuil.

★★ Consultar tabelas de bites.
Consult glazing beads table.
Consulter les tableaux des parclose.

ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
204177	ESQUADRO DS GRANDE 2933-D BUCKING-BRACKET L'ÉQUIPÉE	12
202109	DOBRADIÇA OCULTA SOLID HINGE PAUMELLE	2
210112	FECHADURA 3 PONTOS M2 35MM LOCKER SERRURE	1
212424	CONJUNTO CHAPA TESTA LISA STRICKING PLATE GÂCHE	1
207458	CILINDRO ALTA SEGURANÇA 30/80 CYLINDER LOCK CYLINDRE DE SERRURE	1
220197	ESPELHO ALUMÍNIO 30mm CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
200792	PUXADOR DE PORTA DUPLO CUBIC HANDLE POIGNÉE	1
210507	TOPO SUP./INF. LATERAL DS DIR. END-CAP KIT KIT D'EMBOUT	2
210508	TOPO SUP./INF. LATERAL DS ESQ. END-CAP KIT KIT D'EMBOUT	2
210511	TOPO SOLEIRA DS ESQUERDO LEFT DS SILL-TOP SEUIL DE CAISSE GAUCHE DS	1
210512	TOPO SOLEIRA DS DIREITO RIGHT DS SILL-TOP SEUIL DE CAISSE DROIT DS	1
215504	PEÇA DE FIXAÇÃO DOB. OCULTA SOLID CONCEALED HINGE FIXING PIECE PIÈCE DE FIXATION DE LA CHARNIÈRE CACHÉE	8
212418	CONJ. TOPOS ARO FIXO DS END-CAP KIT KIT D'EMBOUT	2
290262	PARAFUSO PAR 003 PK INOX PH 11/2x10 CQ SCREW VIS	4
290109	PARAFUSO DIN7982 4.8X19 INOX A2 SCREW VIS	16
290149	PARAFUSO CX UMB. M6X60 INOX A2 SCREW VIS	12
290030	PARAFUSO DIN7981 4,2x38 INOX A2 SCREW VIS	4★
218194	CAÇOS P/VIDRO EURO 2000 GLAZING SHIMS CALES POUR VERRE	Diversos Various Divers

★ Para tipologias sem a aplicação dos topos soleira.
For typologies without the application of sill ends.
Pour les typologies sans application d'extrémités de seuil.

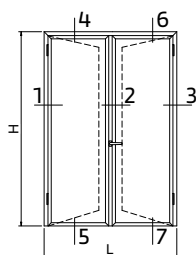
VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208008	VD 2051	2L+4H
208227	VD 2287 DS	3L+4H
208359	VD2180 DS	4L+8H
208360	VD 2181 DS	2L
208353	VD 2130 DS	2L
208504	VD 2171 ou or ou	2L+2H
208503	VD 2170	2L+2H
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	2L+2H
208182	VD 2090	2L+2H



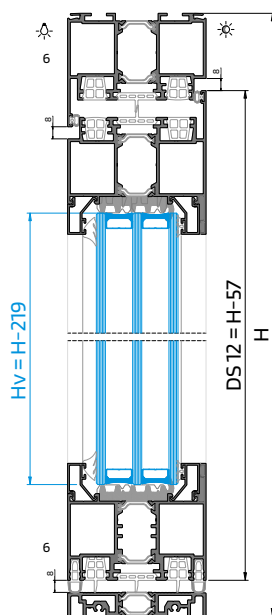
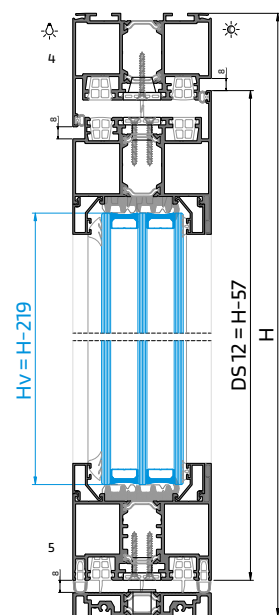
PORTA DE 2 FOLHAS DE ABERTURA PARA EXTERIOR - COM DOBRADIÇAS MECHANICA

2 SASHES OUTWARD OPENING DOOR - WITH MECHANICA DOOR HINGE

PORTE À 2 VANTAUX D'OUVERTURE VERS L'EXTÉRIEUR - AVEC PAUMELLE MECHANICA



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
(L-403)/2	H-219



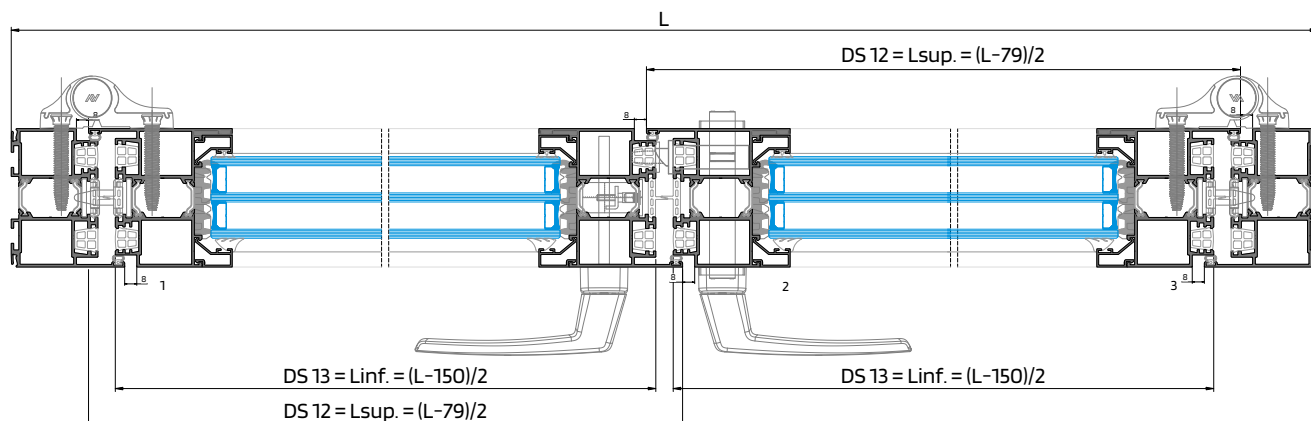
VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208008	VD 2051	2L+6H
208227	VD 2287 DS	3L+6H
208359	VD2180 DS	4L+12H
208360	VD 2181 DS	2L
208353	VD 2130 DS	2L
208504 ou or OU VD 2170	VD 2171	2L+4H
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	2L+4H
208182	VD 2090	2L+4H

PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONT. DETAIL DÉTAIL HORIZONT.	CORTE VERT. VERTICAL DETAIL DÉTAIL VERTIC.	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
DS 07	ARO FIXO FIXED FRAME DORMANT	L2	H2	1+2	
DS 11	ARO MÓVEL MOBILE FR OUVRANT	-	H-57	1	
DS 12	ARO MÓVEL MOBILE FR OUVRANT	Lsup. = (L-79)/2	H-57	2+3	
DS 13	ARO MÓVEL MOBILE FR OUVRANT	Linf. = (L-150)/2	-	1+1	
DS 49	SOLEIRA SILL SEUIL	L-170	-	1	
-	BITE GLAZING BEAD PARCLOSE	**	(L-379)/2	H-247	variável
ALTERNATIVA ALTERNATIVE ALTERNATIVE					
DS 49	SOLEIRA SILL SEUIL	L-85	*	1	

* Para tipologias de batente sem a aplicação dos topos soleira.
For jamb typologies without the application of sill ends.
Pour les typologies de montants sans application d'extrémités de seuil.

ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
204177	ESQUADRO DS GRANDE 2933-D	20
202010	DOBRADIÇA MECHANICA 2 ABAS 1145/60	4
223000	KIT DE FIXAÇÃO P/ MECHANICA 1145 757X FASTENING KIT FOR HINGE KIT DE FIXATION POUR PAUMELLE	4
201138	FECHADURA 3 PONTOS M2 35MM ESQ. LOCKER SERRURE	1
280042	TESTA CENTRAL FECHADURA M2 STRIKING PLATE GÂCHE	1
280043	TESTA INF./SUP. FECHADURA M2 STRIKING PLATE GÂCHE	2
201180	FECHADURA DE TRANCAS LOCKER SERRURE	1**
207458	CILINDRO ALTA SEGURANÇA 30/80 CYLINDER LOCK CYLINDRE DE SERRURE	1
220197	ESPELHO ALUMÍNIO 30mm CYLINDER BACK PLATE COUVERCLE DE CYLINDRE	2
200792	PUXADOR DE PORTA DUPLO CUBIC HANDLE POIGNÉE	2
203303	COPO SUP/INF FECH. TRANCAS OS-P LOCK ACCESS ACCESS. POUR SERRURE	1
207128	GUIA FECHADURA TRANCAS DS LOCKING HARDWARE GUIDE GUIDE POUR SERRURE	2
203304	COPO INF FECH. TRANCAS OS-P LOCK ACCESS ACCESS. POUR SERRURE	1
201611	FECHO ANTI-ARROMBAMENTO 1459.3 ANTI-BURGLAR LOCK SERRURE ANTI-EFFRACTION	mínimo 4
215505	PEÇA FIXAÇÃO P/ FECHO 1459.3 NON-HANDED ANTI-BURGLAR DEVICE PIÈCE ANTI-EFFRACTION	mínimo 8
210507	TOPO SUP./INF. LATERAL DS DIR.	4
210508	TOPO SUP./INF. LATERAL DS ESQ.	4
210511	TOPO SOLEIRA DS ESQUERDO LEFT DS SILL TOP SEUIL DE CAISSE GAUCHE DS	1
210512	TOPO SOLEIRA DS DIREITO RIGHT DS SILL TOP SEUIL DE CAISSE DROIT DS	1
212418	CONJ. TOPOS ARO FIXO DS END-CAP KIT KIT D'EMBOUT	4
212417	CONJ. TOPOS SUPERIORES 2 FOLHAS DS 2 SASHES UPPER END-CAP KIT KIT D'EMBOUT 2 VANTAUX	1
212017	CONJ. FIXAÇÃO FERRAGEM MULTI-PONTO MULTIPONT HARDWARE FIXING KIT KIT FIXATION FERRURE MULTIPONT	2
290262	PARAFUSO PAR 003 PK INOX PH 11/2x10 CQ SCREW VIS	4
290080	PARAFUSO DIN7982 PH 3.5X32 INOX A2 SCREW VIS	6
290030	PARAFUSO DIN7981 4.2x38 INOX A2 SCREW VIS	4*
290480	PARAFUSO CX UMB. M5x16 INOX SCREW VIS	mínimo 24
218194	CAÇOS P/VIDRO EURO 2000 GLAZING SHIMS CALES POUR VERRE	Diversos Various Divers

* Para tipologias sem a aplicação dos topos soleira.
For typologies without the application of sill ends.
Pour les typologies sans application d'extrémités de seuil.
** As tipologias não podem ultrapassar os 4200mm de altura.
The typologies cannot exceed 4200mm in height.
Les typologies ne peuvent pas dépasser 4200mm de hauteur.

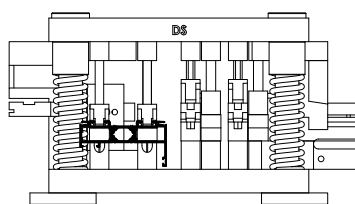


V

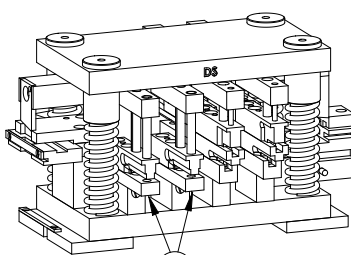
MAQUINAÇÕES, CORTES E FRESAGENS MACHININGS, CUTS AND MILLINGS USINAGES, COUPES ET FRAISAGES

Perfis Profiles Profilés	V.1
Ferragens e acessórios Hardware and accessories Ferrures et accessoires	V.2
Fechaduras Locks Serrures	V.3

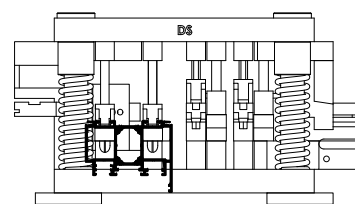
**FURAÇÃO PARA ESQUADROS NOS PERFIS DS 01, DS 04, DS 07, DS 11, DS 12 e DS 13 DRILLING
FOR SQUARES IN DS 01, DS 04, DS 07, DS 11, DS 12 and DS 13 PROFILES
PERÇAGE D'EQUÈRES DANS LES PROFILS DS 01, DS 04, DS 07, DS 11, DS 12 et DS 13**



2

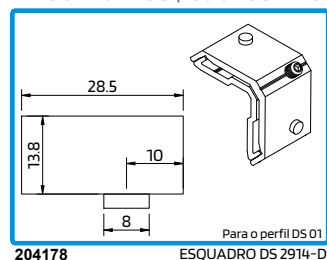


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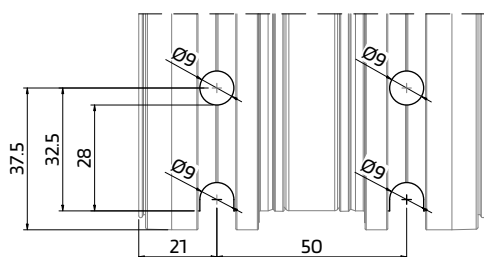
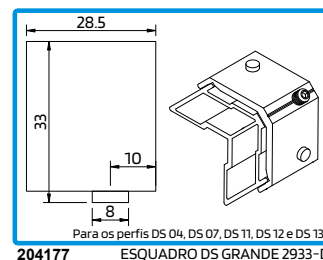


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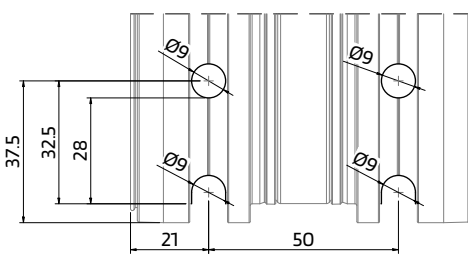
Aros fixos
Fixed frames | Cadres fixes



Maquinação realizada no Cortante
Machining performed on Punching tool
Usinage réalisée dans l'Outil

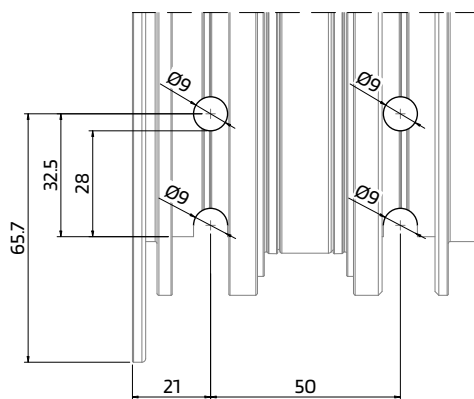


DS 01

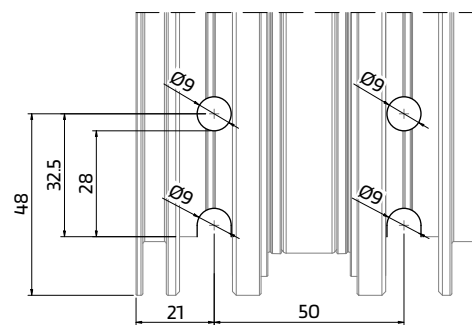


DS 07

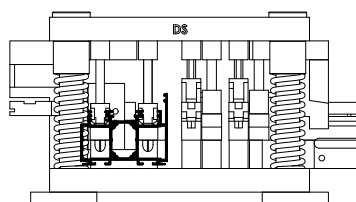
Aros móveis
Mobile frames | Cadres ouvrants



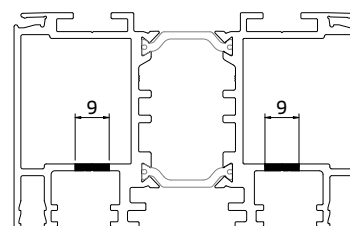
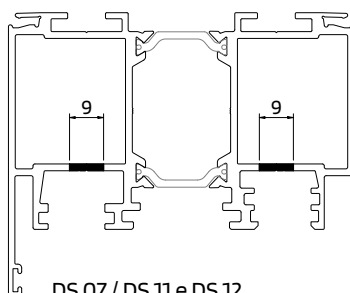
DS 07 / DS 11 e DS 12



DS 04 / DS 13



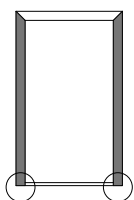
2



FURAÇÃO PARA APERTO DAS OMBREIRAS À SOLEIRA DRILLING FOR FASTENING THE JAMBS TO SILL PERÇAGE POUR LA FIXATION DES JAMBAGES SUR LE SEUIL

Aros fixos
Fixed frames | Cadres fixes

Maquinação realizada no Cortante
Machining performed on Punching tool
Usinage réalisée dans l'Outil

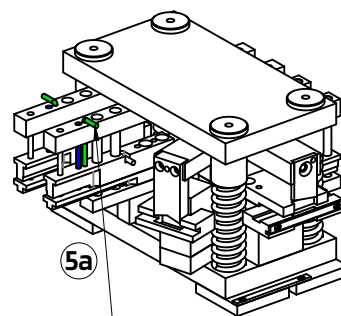
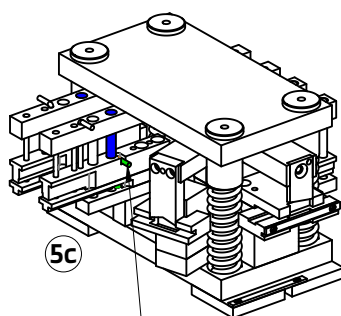
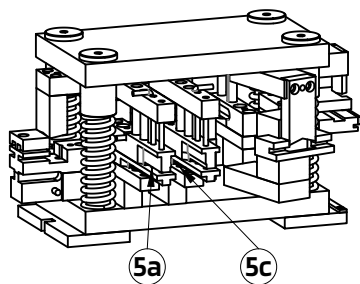


Corte a 45°
45° Cut | Coupe à 45°

Nota: Esta operação só se aplica caso se queira fixar a soleira diretamente às ombreiras.

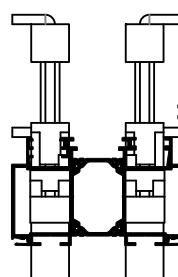
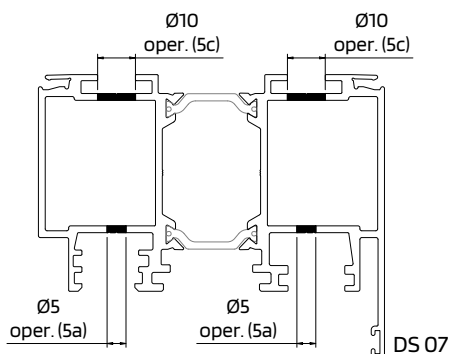
Note: This operation only applies if you want to fix the sill directly to the jambs.

Note: Cette opération s'applique uniquement si vous souhaitez fixer le seuil directement sur les montants.

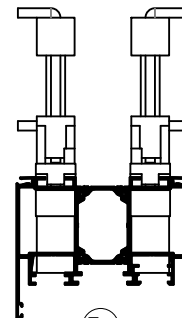


Batente
Stopper | Butées

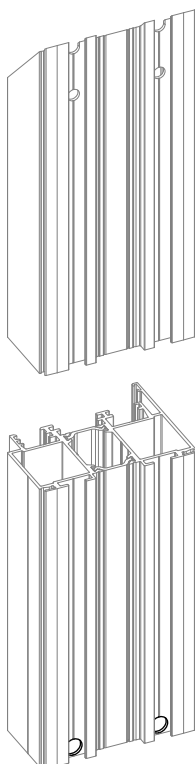
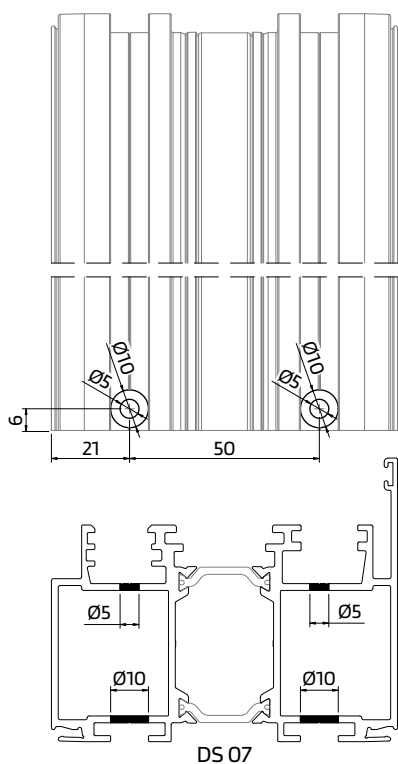
Batente
Stopper | Butées



5a



5c



Nota: para maquinar as operações 5a e 5c será necessário colocar os **batentes** e ativar os punções.

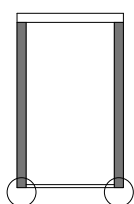
Note: to machine operations 5a and 5c, it will be necessary to place the **stoppers** and activate the punches.

Note: pour effectuer les opérations 5a et 5c, il faudra placer les **butées** et actionner les poinçons.

FURAÇÃO PARA APERTO DAS OMBREIRAS À SOLEIRA
DRILLING FOR FASTENING THE JAMBS TO SILL
PERÇAGE POUR LA FIXATION DES JAMBAGES SUR LE SEUIL

Aros fixos
Fixed frames | Cadres fixes

Maquinação realizada no Cortante
Machining performed on Punching tool
Usinage réalisée dans l'Outil

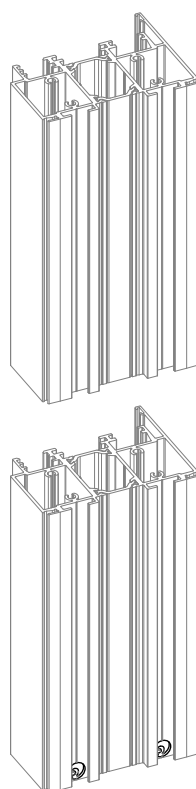
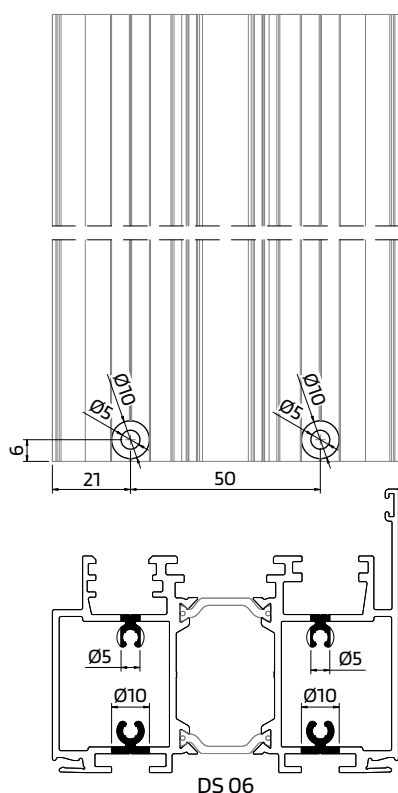
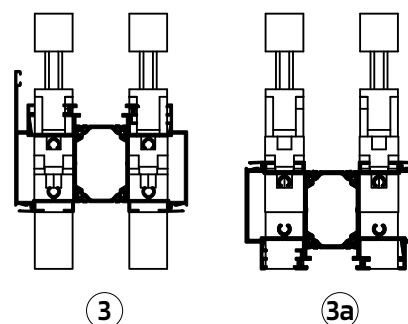
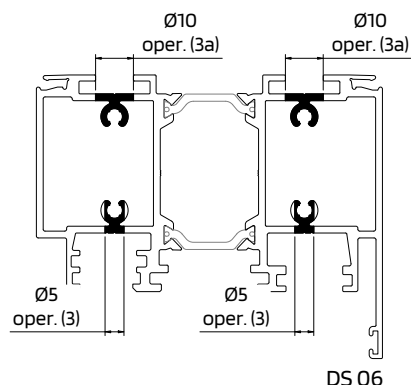
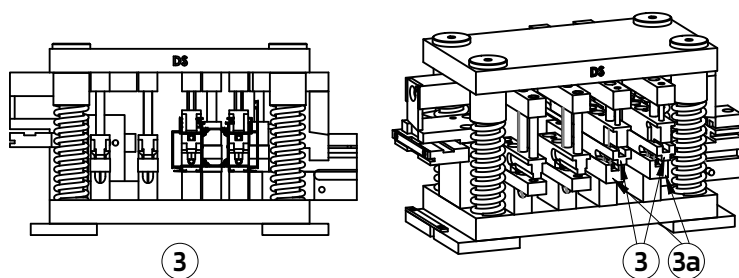


Corte a 90°
90° Cut | Coupe à 90°

Nota: Esta operação só se aplica caso se queira fixar a soleira diretamente às ombreiras.

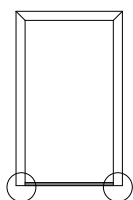
Note: This operation only applies if you want to fix the sill directly to the jambs.

Note: Cette opération s'applique uniquement si vous souhaitez fixer le seuil directement sur les montants.

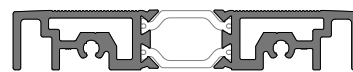


FURAÇÃO E MAQUINAÇÃO DA SOLEIRA DS 49 PARA APERTO NAS OMBREIRAS
DRILLING AND MACHINING OF THE DS 49 SILL FOR FASTENING TO THE JAMBS
PERÇAGE ET USINAGE DU SEUIL DS 49 POUR LE VERROUILLAGE SUR LES JAMBAGES

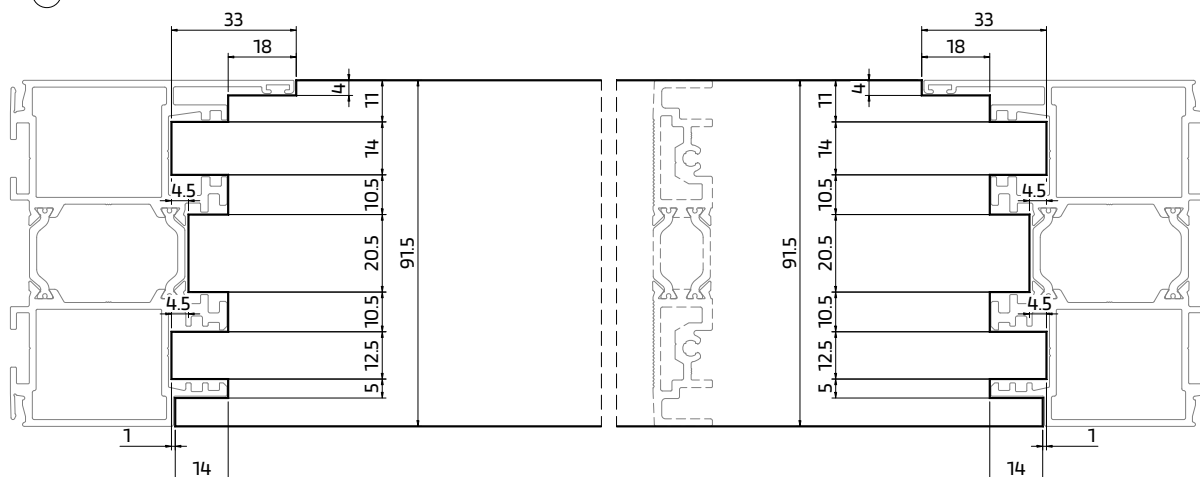
Tipologias de batente | Side-hinged typologies | Typologies à battant



Corte a 45°
45° Cut | Coupe à 45°



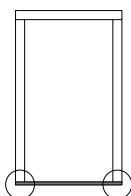
DS 49



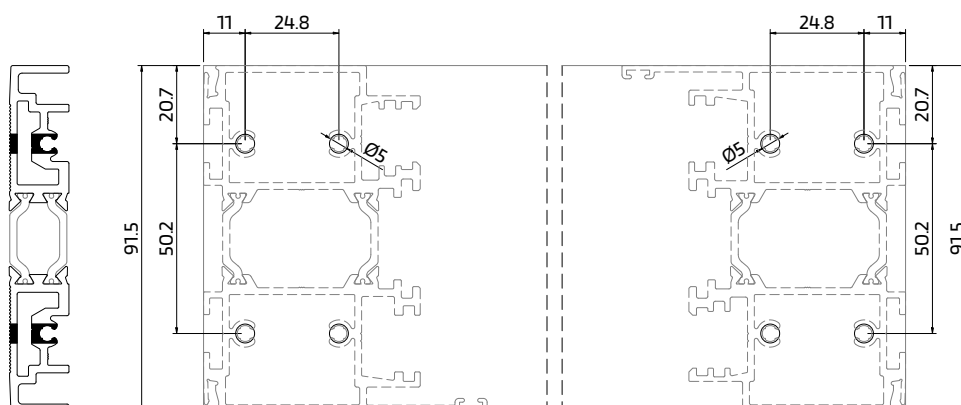
Tipologias pivotantes | Pivoting typologies | Typologies à pivotante

Aros fixos

Fixed frames | Cadres fixes



Corte a 90°
90° Cut | Coupe à 90°



Nota: Estas operações só se aplicam caso queira afixar a soleira diretamente às ombreiras.

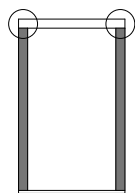
Note: This operations only applies if you want to attach the sill directly to the jambs.

Note: Cettes opérations s'applique uniquement si vous souhaitez fixer le seuil directement sur les montants.

FRESAGEM NO PERFIL PADIEIRA PARA TIPOLOGIAS PIVOTANTES
LINTEL MILLING FOR PIVOTING TYPOLOGIES
FRAISAGE DU LINTEAU POUR LES TYPOLOGIES PIVOTANTS

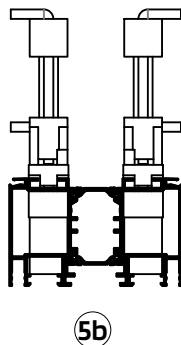
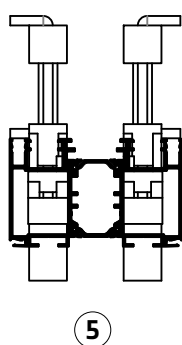
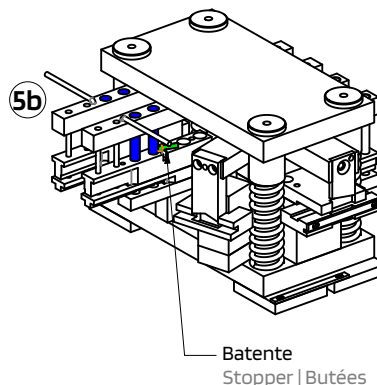
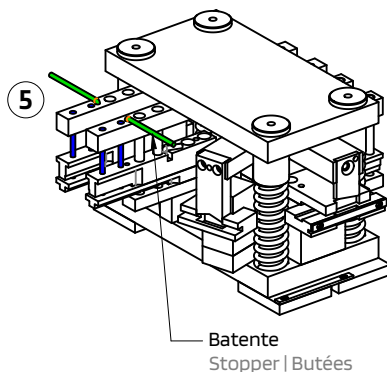
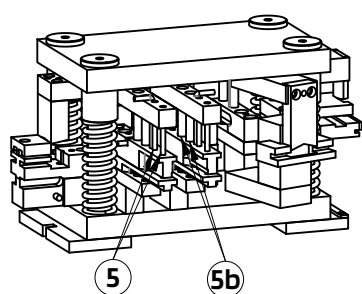
Aros fixos

Fixed frames | Cadres fixes

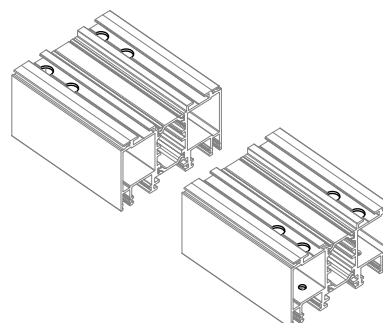
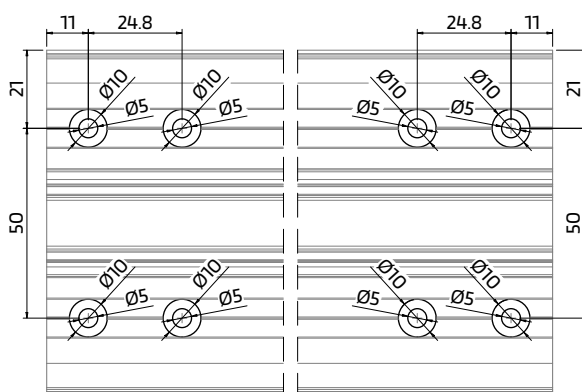
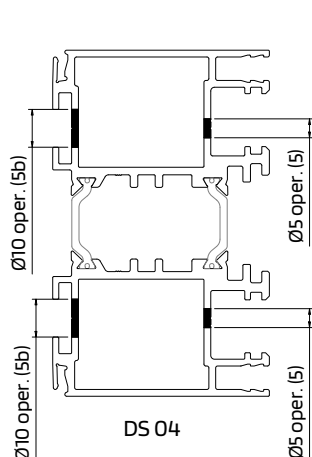


Corte a 90°
90° Cut | Coupe à 90°

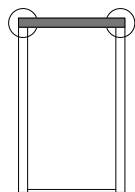
Maquinação realizada no Cortante
Machining performed on Punching tool
Usinage réalisée dans l'Outil



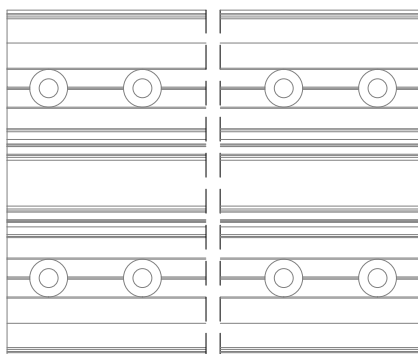
Nota: para maquinar as operações 5 e 5b será necessário colocar os **batentes** em descanso e ativar os punções.
Note: to machine operations 5 and 5b, it will be necessary to reset the **stoppers** and activate the punches.
Note: pour effectuer les opérations 5 et 5b, il faudra reposer les **butées** et actionner les poinçons.



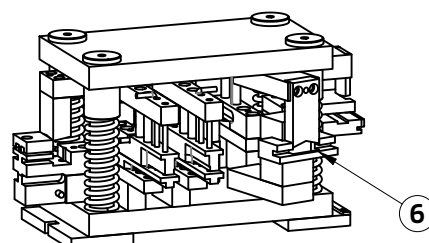
FRESAGEM DOS PERFIS *RENOVATIO* E DE PADIEIRA PARA AS TIPOLOGIAS PIVOTANTE
MILLING OF *RENOVATIO* AND LINTEL PROFILES FOR PIVOTING TYPOLOGIES
FRAISAGE DES PROFILÉS *RENOVATIO* ET DES LINTEAUX POUR LES TYPES PIVOTANTES



Corte a 90°
90° Cut | Coupe à 90°

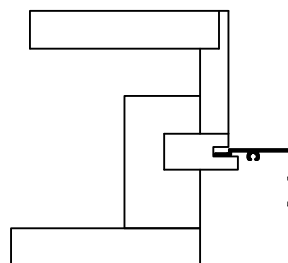
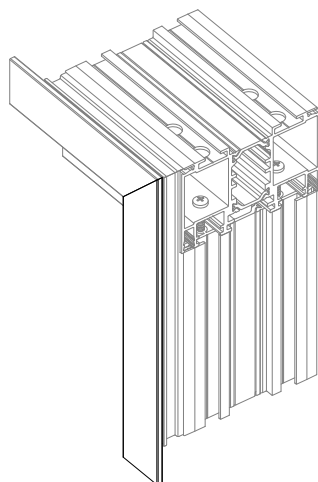
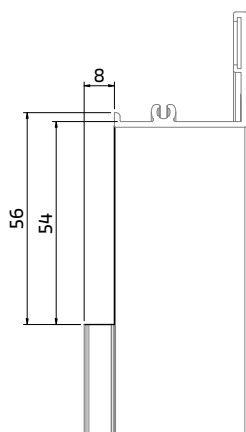


Maquinação realizada no Cortante
Machining performed on Punching tool
Usinage réalisée dans l'Outil



Para os perfis | For profiles | Pour profilés:
KE 55/81/82/83/90/91/92/93/94/95/96/97

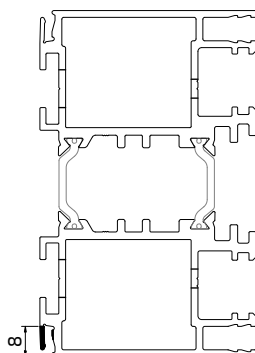
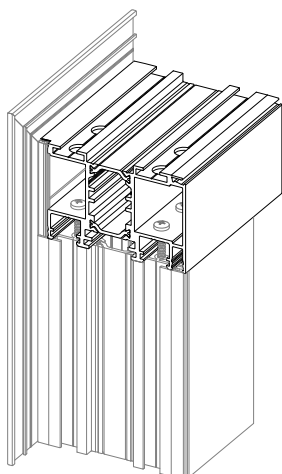
Exemplo: KE 91
Exemple | Exemple



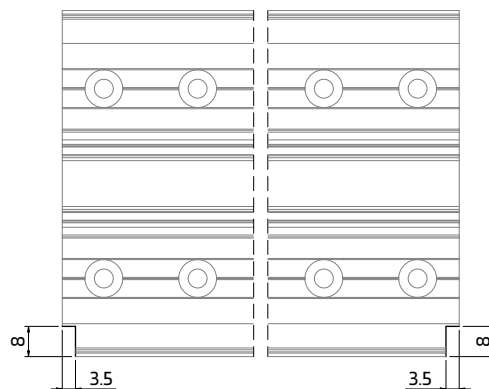
6

Cortes de 8x3.5mm c/ disco de corte
8x3.5mm cuts with cutting disc
Coupes de 8x3.5 mm avec disque de coupe

Para os perfis | For profiles | Pour profilés:
KE 60/61/63/64/66/69



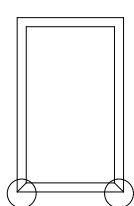
DS 04



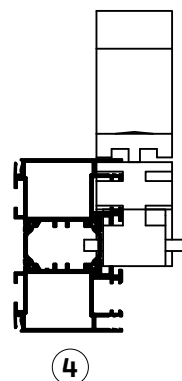
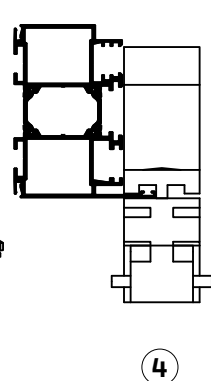
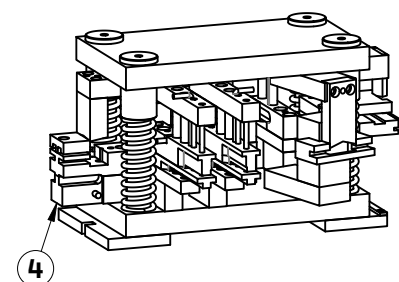
FRESAGEM NO PERFIL ARO MÓVEL PARA TIPOLOGIAS DE BATENTE 1 FOLHA
MOBILE FRAME PROFILE MILLING FOR 1 SASH SIDE-HINGED TYPOLOGIES
FRAISAGE DE PROFILÉ OUVRANT POUR LES TYPOLOGIES À BATTANT 1 VANTAIL

Aros móveis

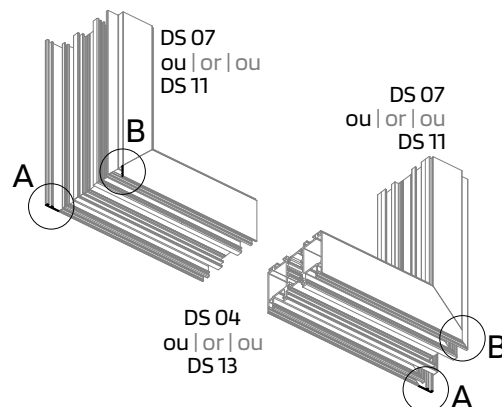
Mobile frames | Cadres ouvrants



Corte a 45°
45° Cut | Coupe à 45°



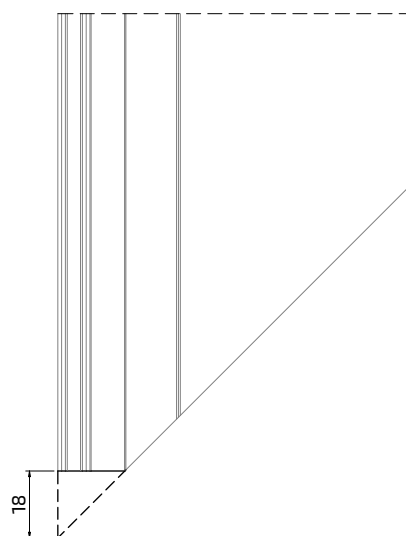
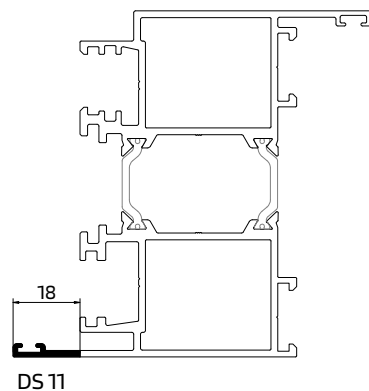
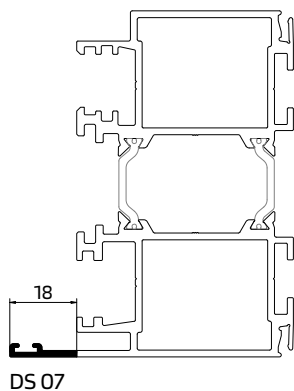
Zona INFERIOR da folha móvel
LOWER area of the movable sash
Zone INFÉRIEUR de l'ouvrant



Maquinação realizada no Cortante
Machining performed on Punching tool
Usinage réalisée dans l'Outil

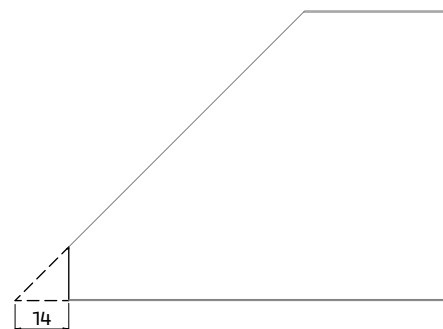
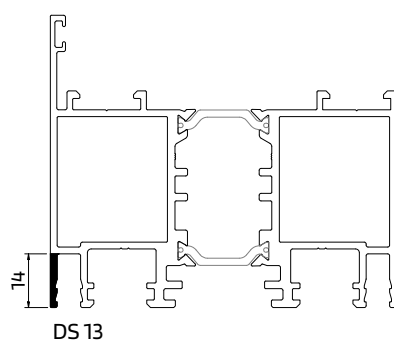
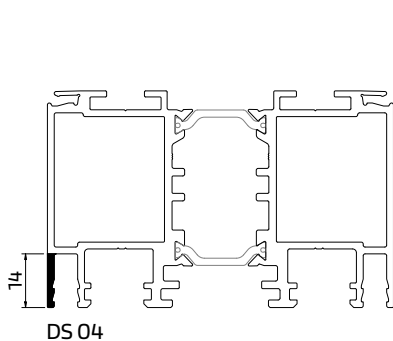
Fresagem em A

Milling in A | Fraisage en A



Fresagem em B

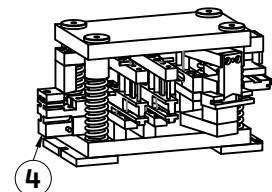
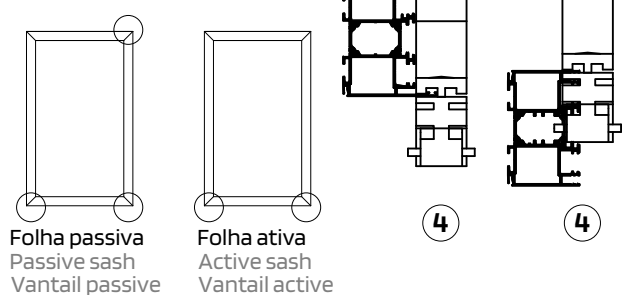
Milling in B | Fraisage en B



FRESAGEM NO PERFIL ARO MÓVEL PARA TIPOLOGIAS DE BATENTE 2 FOLHAS MOBILE FRAME PROFILE MILLING FOR 2 SASHES SIDE-HINGED TYPOLOGIES FRAISAGE DE PROFILÉ OUVRANT POUR LES TYPOLOGIES À BATTANT 2 VANTAUX

Aros móveis

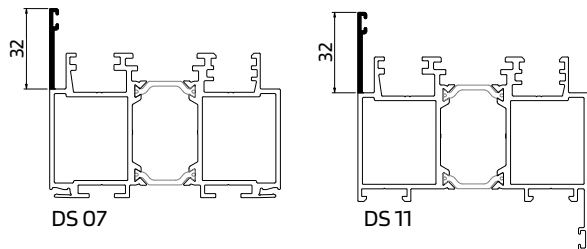
Mobile frames | Cadres ouvrants



Maquinação realizada no Cortante
Machining performed on Punching tool
Usinage réalisée dans l'Outil

Fresagem em C

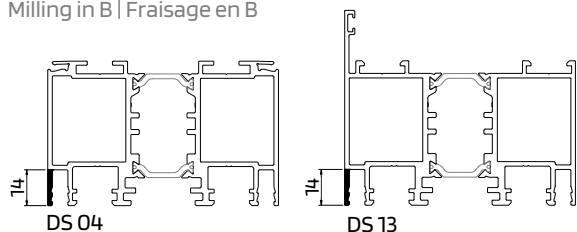
Milling in C | Fraissage en C



Cortes de 32mm c/ disco de corte
32mm cuts with cutting disc
Coupes de 32 mm avec disque de coupe

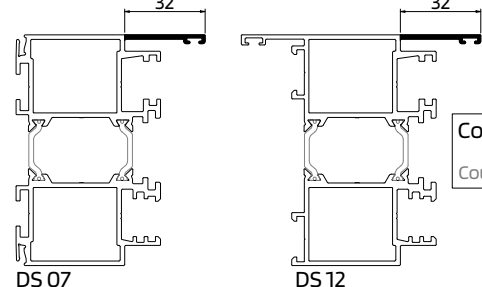
Fresagem em B

Milling in B | Fraissage en B



Fresagem em D

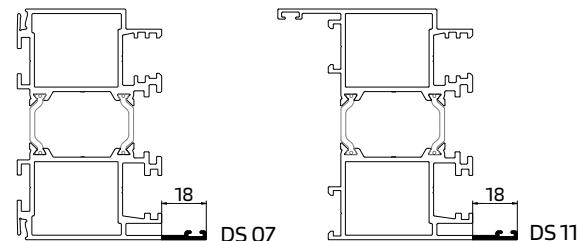
Milling in D | Fraissage en D



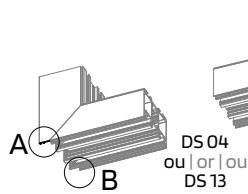
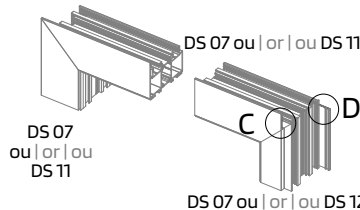
Cortes de 32mm c/ disco de corte
32mm cuts with cutting disc
Coupes de 32 mm avec disque de coupe

Fresagem em A

Milling in A | Fraissage en A

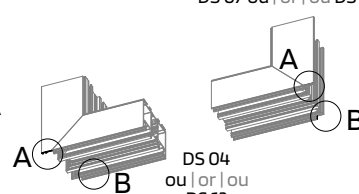
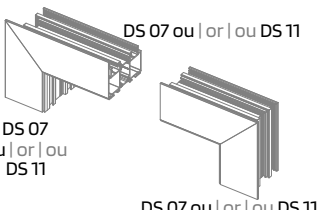


Zona SUPERIOR da folha móvel passiva
UPPER area of the passive movable sash
Zone SUPÉRIEUR de l'ouvrant passiv

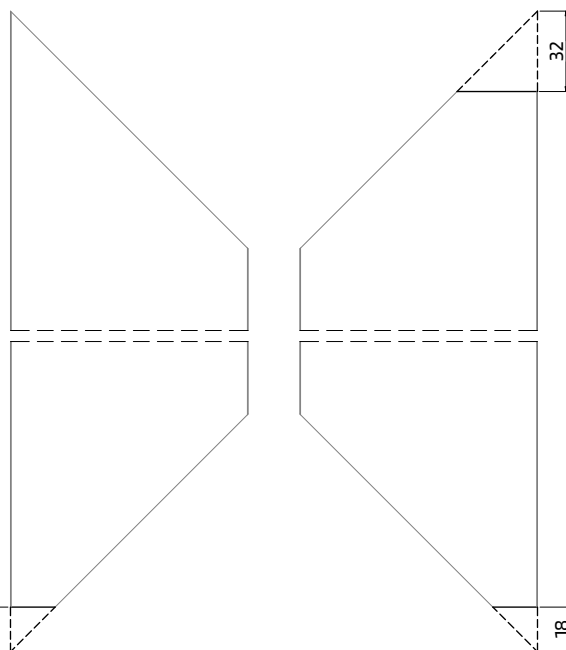
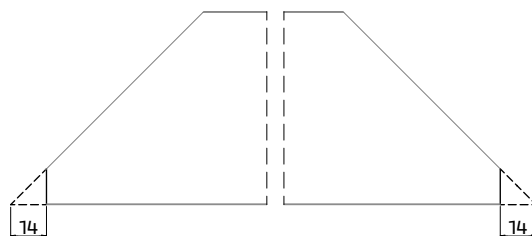
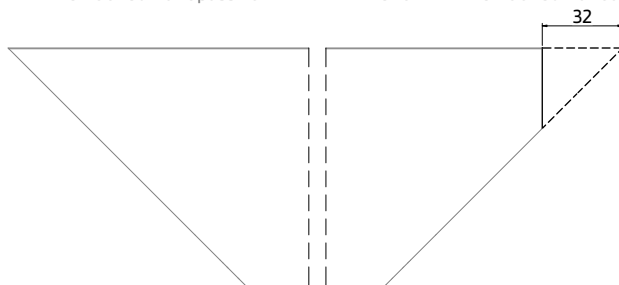


Zona INFERIOR da folha móvel passiva
LOWER area of the passive movable sash
Zone INFÉRIEUR de l'ouvrant passiv

Zona SUPERIOR da folha móvel ativa
UPPER area of the active movable sash
Zone SUPÉRIEUR de l'ouvrant active



Zona INFERIOR da folha móvel ativa
LOWER area of the active movable sash
Zone INFÉRIEUR de l'ouvrant active



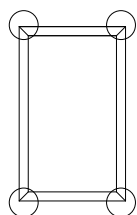
FRESAGEM NO PERFIL PARA TIPOLOGIAS PIVOTANTE 1 FOLHA

MOBILE FRAME PROFILE MILLING FOR 1 SASH PIVOTING TYPOLOGIES

FRAISAGE DE PROFILÉ OUVRANT POUR LES TYPOLOGIES PIVOTANTS À 1 VANTAIL

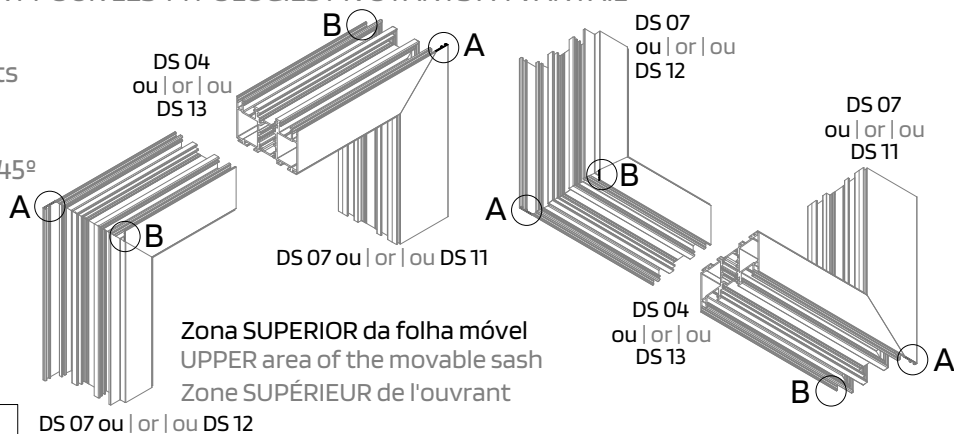
Aros móveis

Mobile frames | Cadres ouvrants

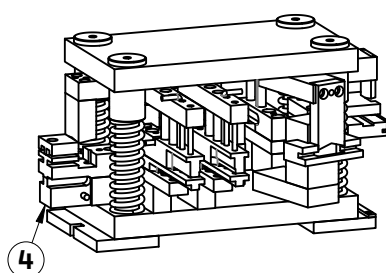


Corte a 45°

45° Cut | Coupe à 45°

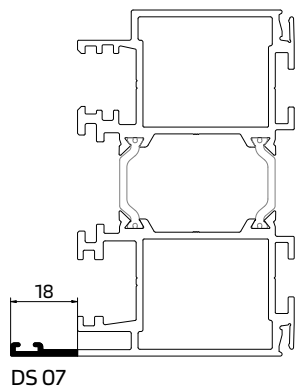


Maquinação realizada no Cortante
Machining performed on Punching tool
Usinage réalisée dans l'Outil

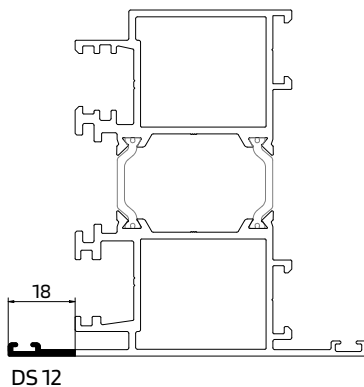


Fresagem em A

Milling in A | Fraisage en A



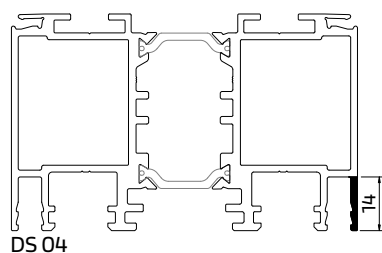
DS 07



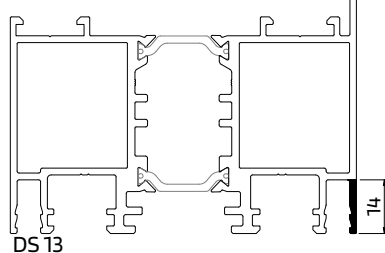
DS 12

Fresagem em B

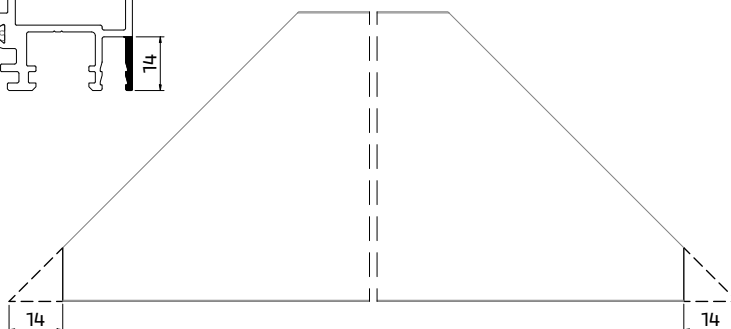
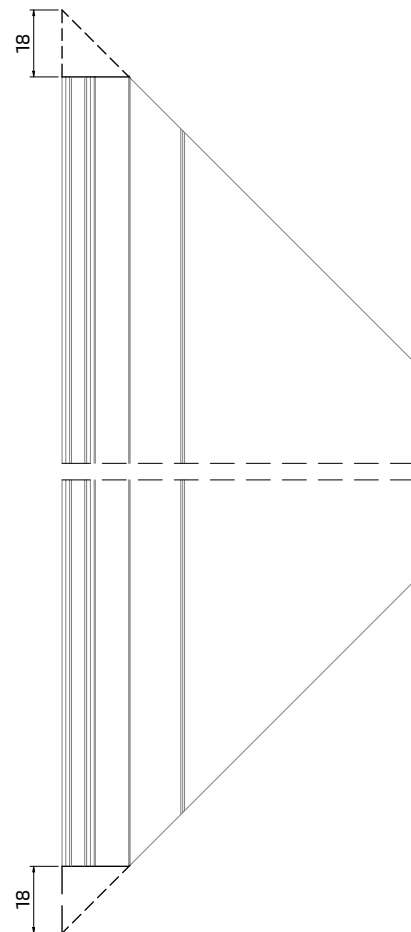
Milling in B | Fraisage en B



DS 04



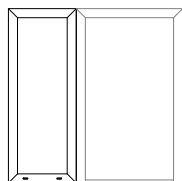
DS 13



EXECUÇÃO DE RASGOS NO PERFIL DS 01 PARA COLOCAÇÃO DAS GOTEIRAS EXECUTION OF SLOTS IN THE DS 01 PROFILE TO FIT THE DRIPS RÉALISATION DE FENTES DANS LE PROFIL DS 01 POUR ADAPTER LES CLAPETS

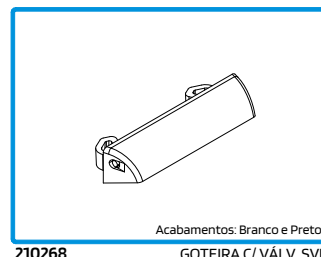
Aros fixos

Fixed frames | Cadres dormants



Corte a 45°
45° Cut | Coupe à 45°

Maquinação realizada em fresa
Machining performed by milling
Usinage réalisée par fraisage



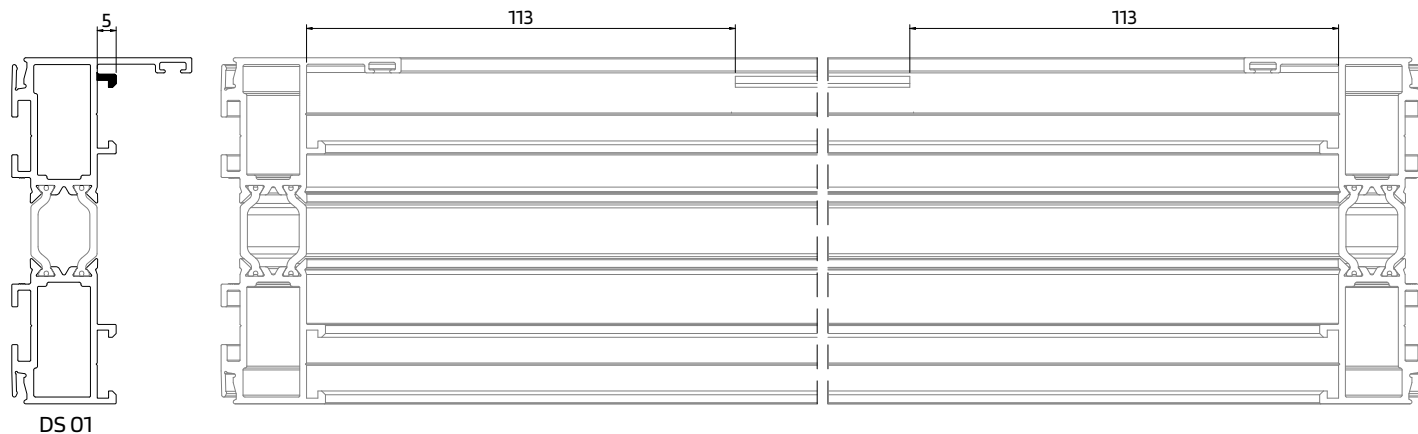
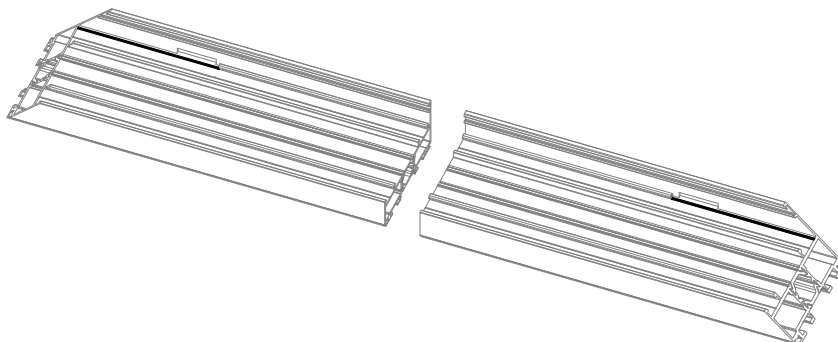
210268

Acabamentos: Branco e Preto
GOTEIRA C/ VÁLV. SVE

Antes de fazer as fresagens para as goteiras, tem de se fresar a aba do perfil no mínimo 113mm

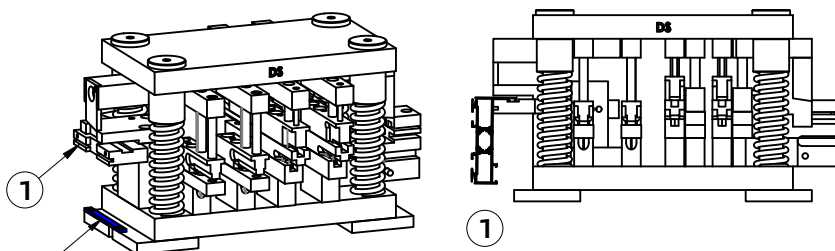
Before milling holes for the drips, the profile flap must be milled to at least 113mm

Avant de fraiser les trous pour les clapets, le profilé doit être fraisé à au moins 113 mm



DS 01

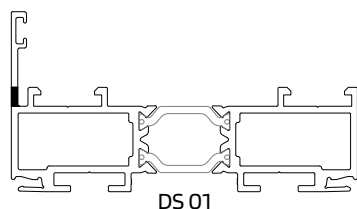
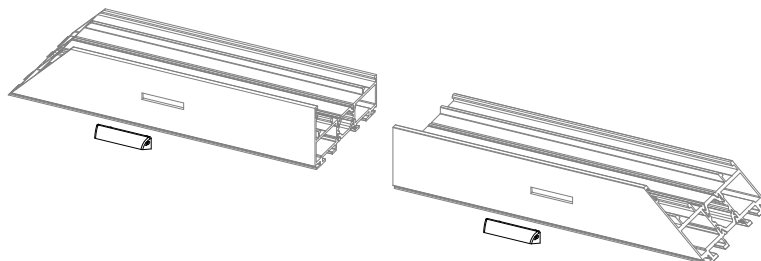
Maquinação realizada no Cortante
Machining performed on Punching tool
Usinage réalisée dans l'Outil



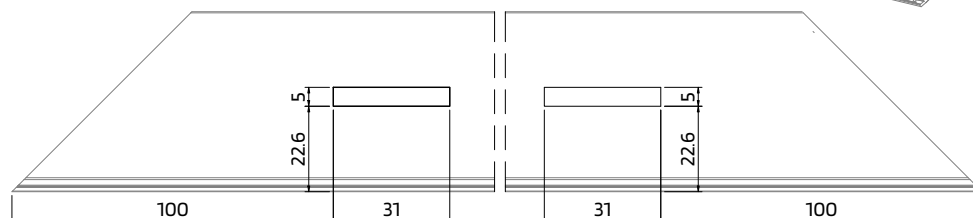
Nota: Para maquinar esta operação é necessário colocar a barra para enchimento em descanso.

Note: To machine this operation it is necessary to place the filling bar at rest.

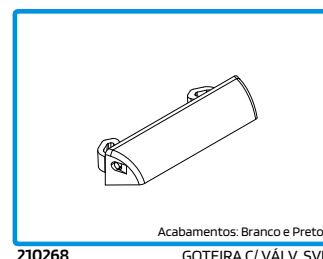
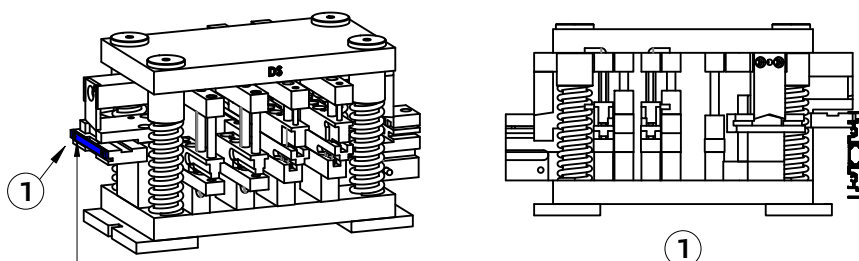
Note: Pour usiner cette opération il est nécessaire de placer la barre pour remplissage au repos.



DS 01

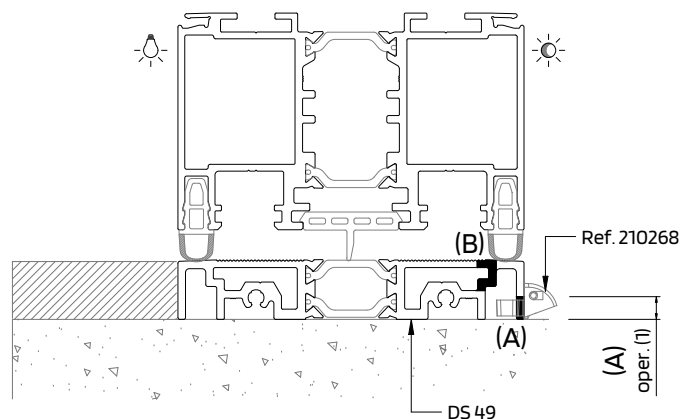


RASGOS PARA DRENAGEM / VENTILAÇÃO
SLOT DRAIN WATER / VENT
FENTES POUR DRAINAGE / VENTILATION

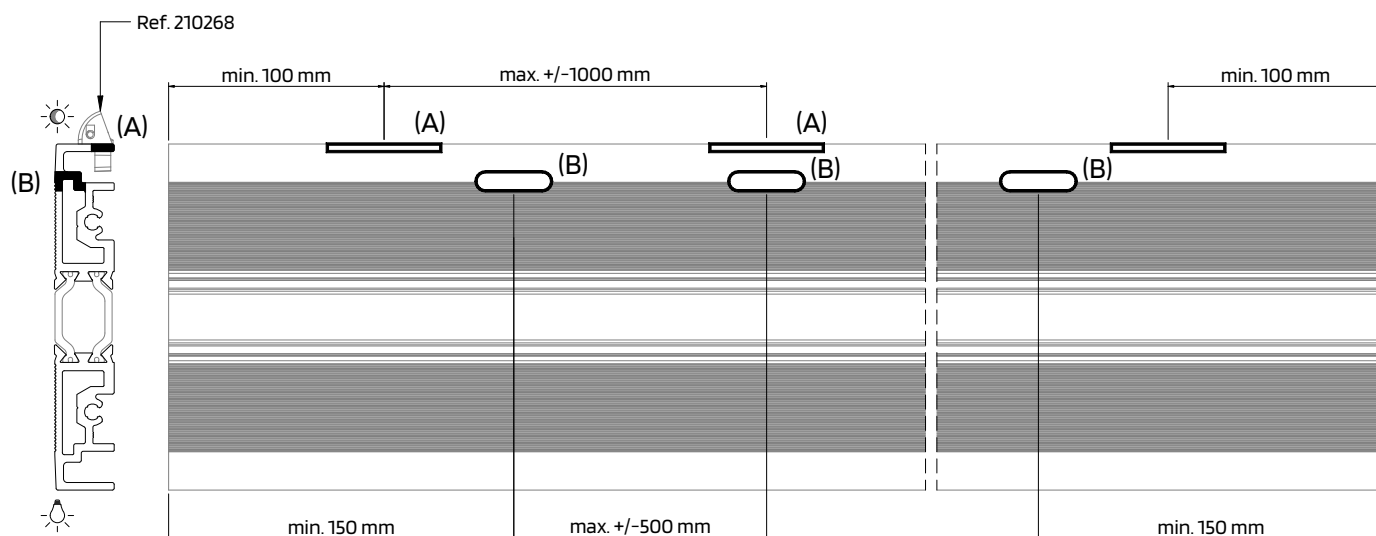
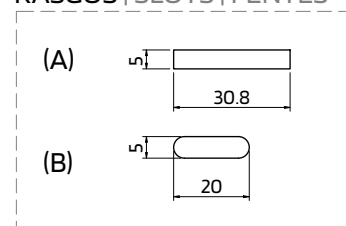


Maquinação realizada no Cortante
Machining performed on Punching tool
Usinage réalisée dans l'Outil

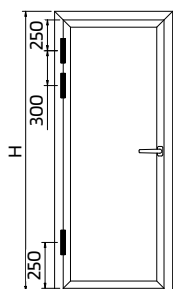
Nota: Para maquinar esta operação é necessário colocar a barra para enchimento na sua posição.
Note: To machine this operation it is necessary to place the filling bar in position.
Note: Pour usiner cette opération il est nécessaire de placer la barre pour remplissage en position.



RASGOS | SLOTS | FENTES



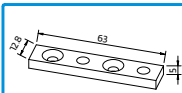
FRESAGENS PARA APLICAÇÃO DA DOBRADIÇA OCULTA
MILLING FOR THE CONCEALED HINGE APPLICATION | FRAISAGE POUR L'APPLICATION DE PAUMELLES CACHÉES



Consultar ábaco para verificar a quantidade de dobradiças a aplicar
Consult the abacus to check the number of hinges to use
Consulter l'abaque pour vérifier le nombre de charnières à utiliser

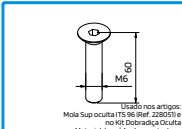


202109 DOBRADIÇA OCULTA SOLID

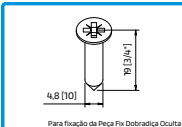


Para aplicar com o Kit Dobradiça Oculta
Material: Inox | Acabamento: Inox

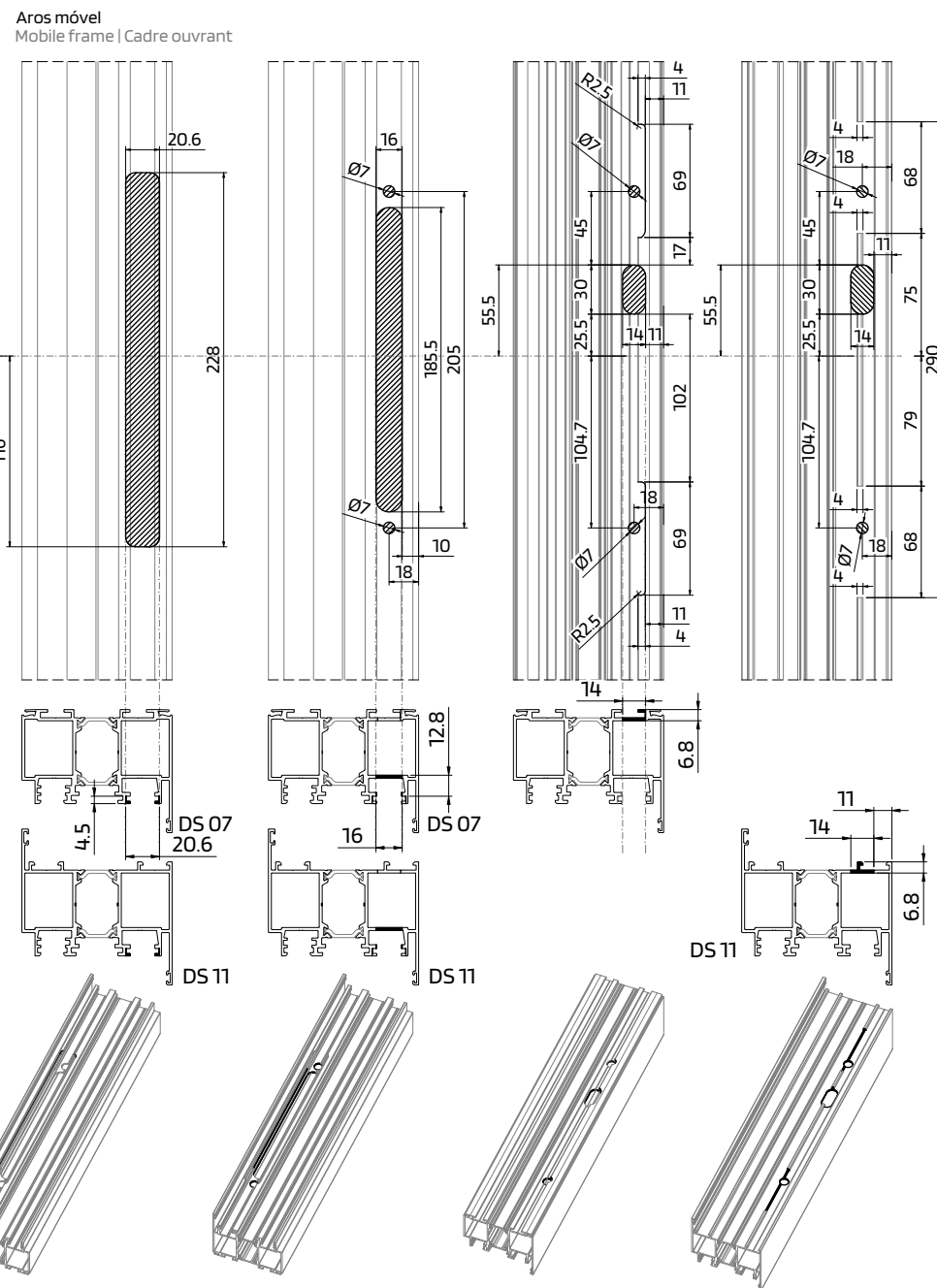
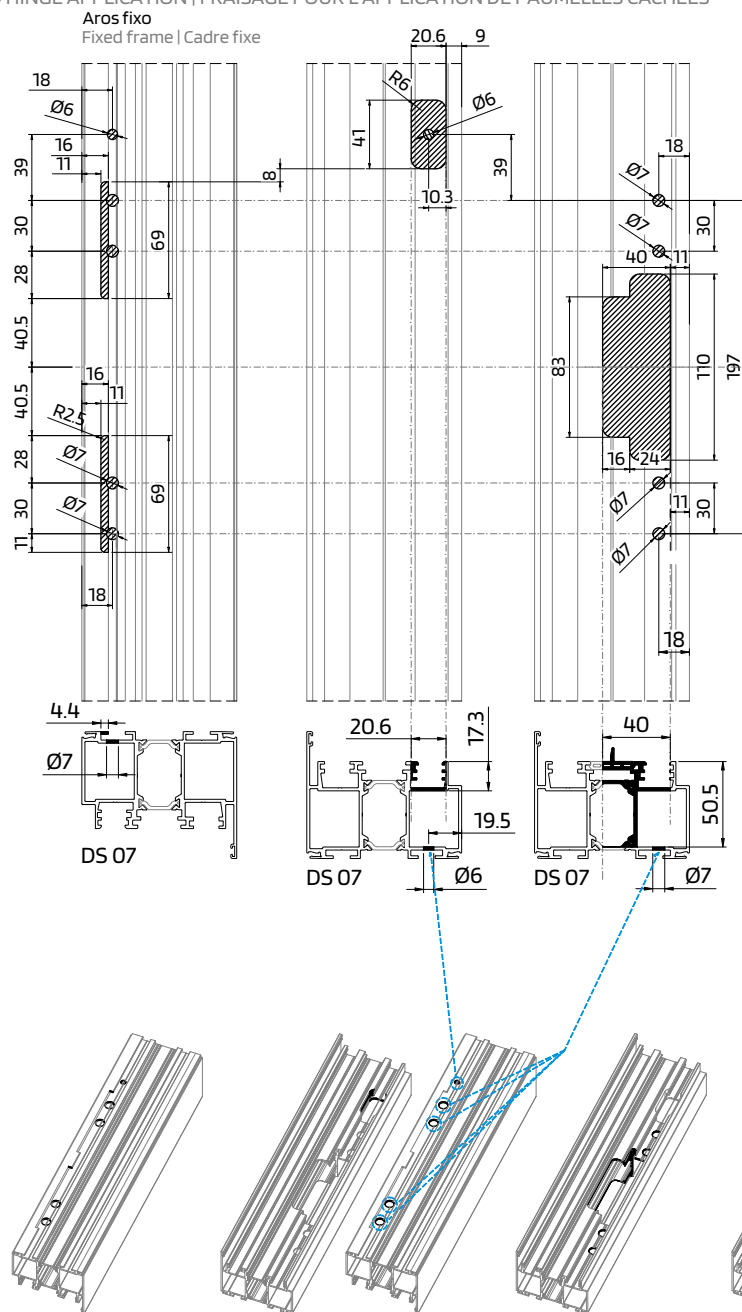
215504 PEÇA FIXAÇÃO DOB. OC. SOLID



290149 PARAFUSO DIN7991 M6X60 INOX A2



290109 PARAFUSO DIN7982 4,8x19 A2

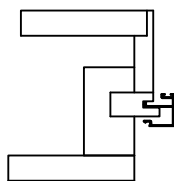
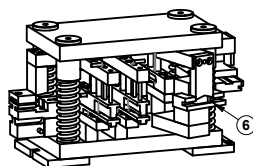


MAQUINAÇÃO DOS PERFIS PARA APLICAÇÃO DAS PEÇAS DE FIXAÇÃO DOBRADIÇA OCULTA SOLID

MACHINING OF PROFILES FOR APPLICATION OF HIDDEN HINGE FIXING PARTS

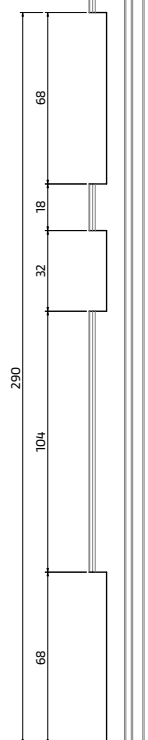
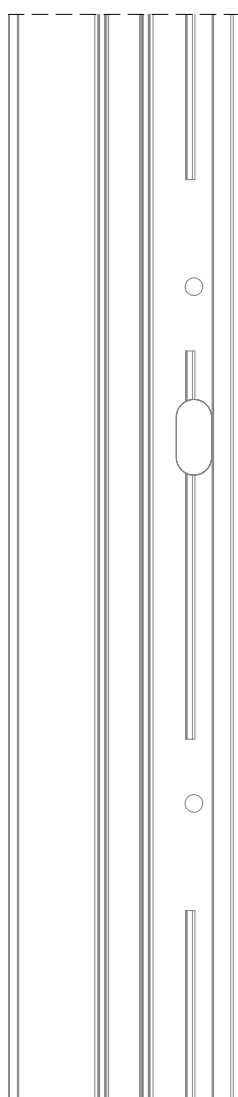
USINAGE DE PROFILÉS POUR L'APPLICATION DE PIÈCES DE FIXATION DE CHANIÈRES CACHÉES

Maquinação realizada no Cortante
Machining performed on Punching tool
Usinage réalisée dans l'Outil

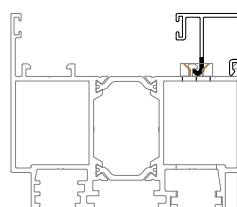


6

AT 92

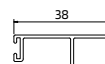


DS 11

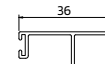


AT 92

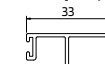
DS 11



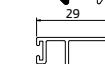
AT 90



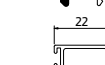
AT 98



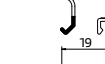
AT 91



AT 89



AT 97



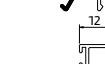
AT 93



AT 94



AT 95



AT 96

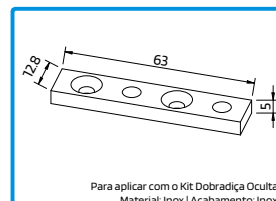


AT 99



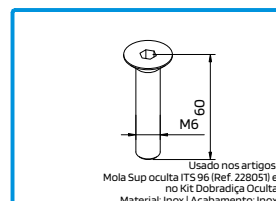
Peso máximo: 2 Dob. = 100Kg | 3 Dob. = 140Kg
Acabamento: Prata

202109 DOBRADIÇA OCULTA SOLID



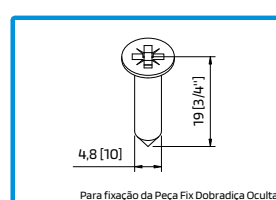
Para aplicar com o Kit Dobradiça Oculta
Material: Inox | Acabamento: Inox

215504 PEÇA FIXAÇÃO DOB. OC. SOLID



Usado nos artigos:
Mola Sup oculta ITS 96 (Ref. 228051) e
no Kit Dobradiça Oculta
Material: Inox | Acabamento: Inox

290149 PARAFUSO DIN7991 M6X60 INOX A2



Para fixação da Peça Fix Dobradiça Oculta
Material: Inox | Acabamento: Inox

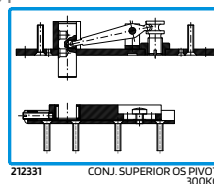
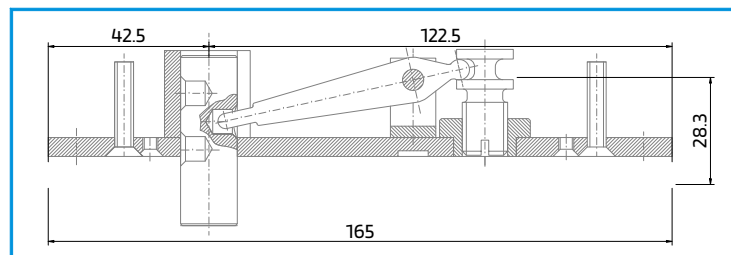
290109 PARAFUSO DIN7982 4,8x19 A2

MAQUINAÇÕES E FIXAÇÕES PARA FERRAGENS PIVOT 300KG - COM RÓTULA INFERIOR

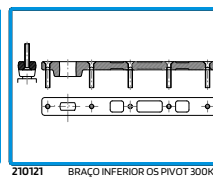
MACHINING AND FIXATIONS FOR 300KG PIVOTING HARDWARE - WITH TOP FLUSH HINGE

USINAGES ET FIXATIONS POUR FERRURES PIVOT 300KG - AVEC FAUX PIVOT

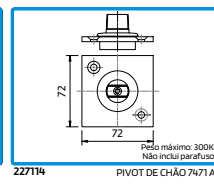
1. PIVOT SUPERIOR | TOP FLUSH HINGE | PIVOT SUPÉRIEUR



CONJ. SUPERIOR OS PIVOT 300KG

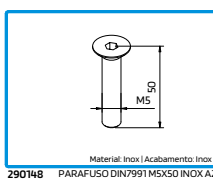
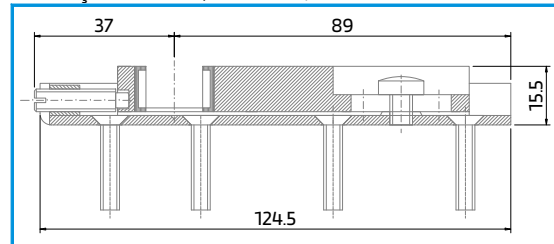


BRAÇO INFERIOR OS PIVOT 300KG

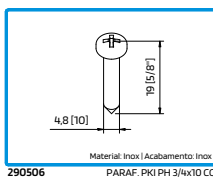


PIVOT DE CHÃO 7x71 AX

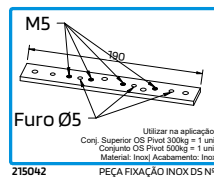
2. BRAÇO SUPERIOR | TOP STRAP | BRAS DU HAUT



PARAFUSO DIN7991 M5X50 INOX A2



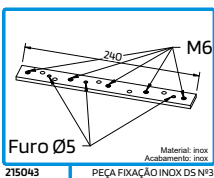
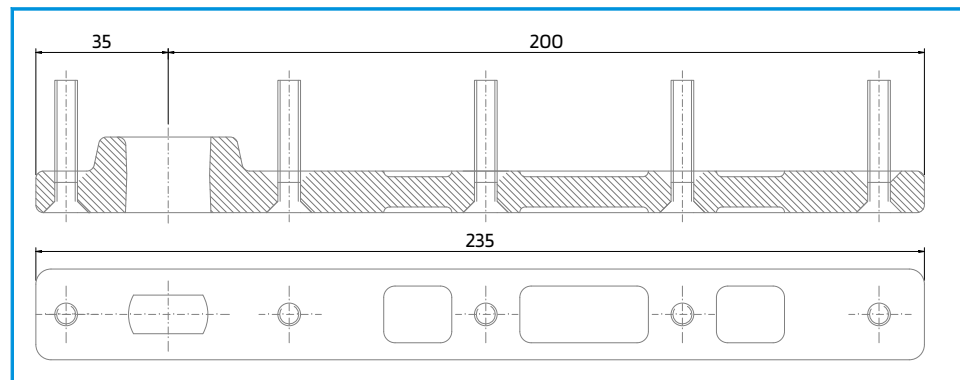
PARAF. PKI PH 3/4x10 CQ



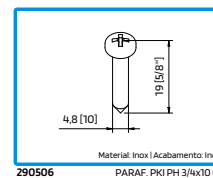
PEÇA FIXAÇÃO INOX DS Nº2

Nota: Este pormenor exemplificativo é válido para as tipologias com vidro.
Note: This illustrative detail is valid for glass types
Note: Ce détail illustratif est valable pour les types de verre

3. BRAÇO INFERIOR | BOTTOM STRAP | BRAS DU BAS

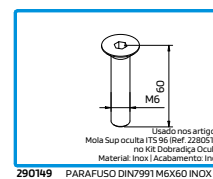
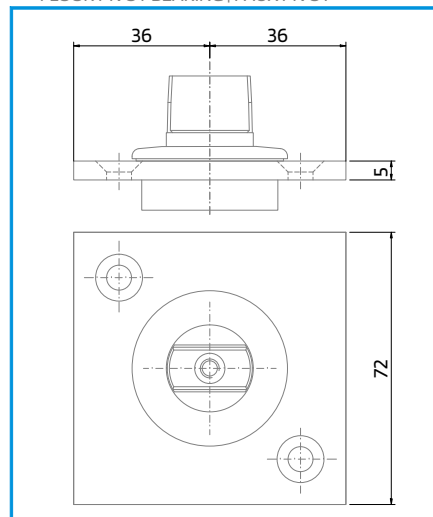


PEÇA FIXAÇÃO INOX DS Nº3

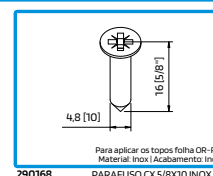


PARAF. PKI PH 3/4x10 CQ

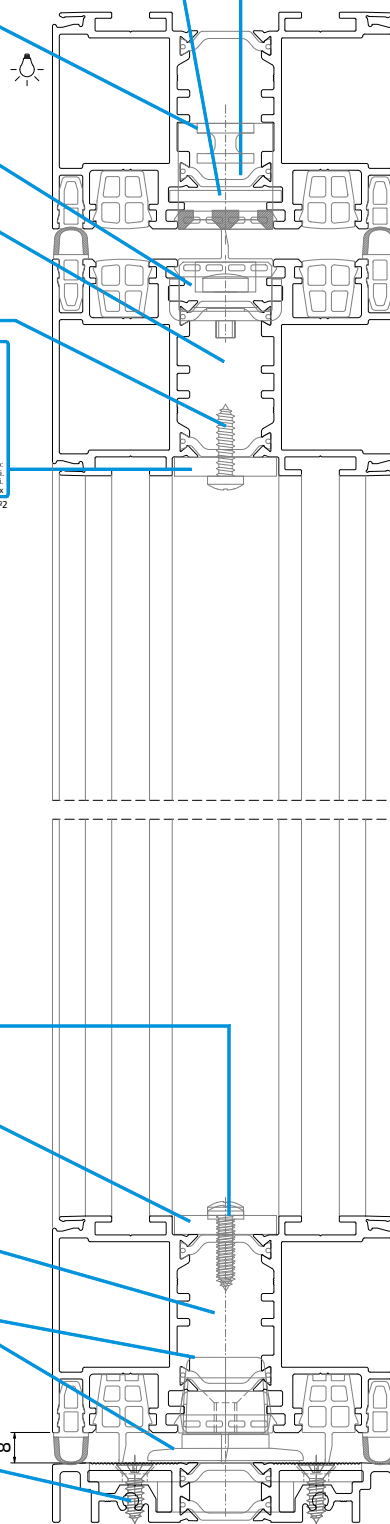
4. RÓTULA INFERIOR | FLOOR PIVOT BEARING | FAUX PIVOT



PARAFUSO DIN7991 M6X60 INOX A2



PARAFUSO CX 5/8x10 INOX A2



MAQUINAÇÕES E FIXAÇÕES PARA FERRAGENS PIVOT 300KG - COM MOLA M750

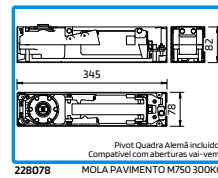
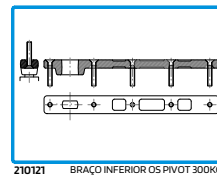
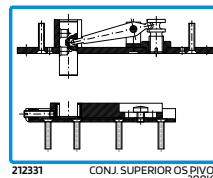
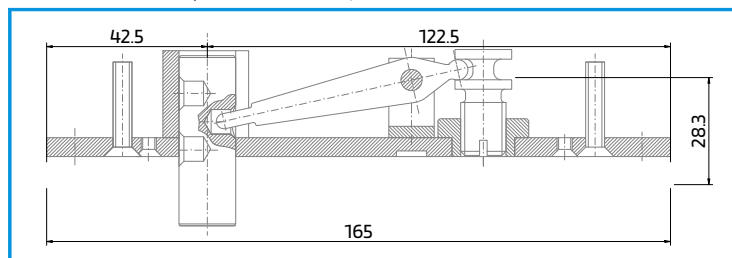
MACHINING AND FIXATIONS FOR 300KG PIVOTING

HARDWARE - WITH M750 FLOOR SPRING

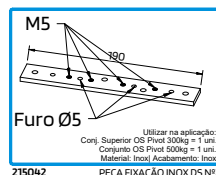
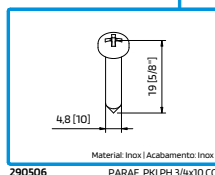
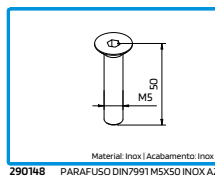
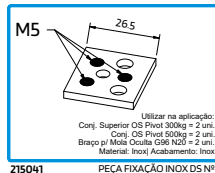
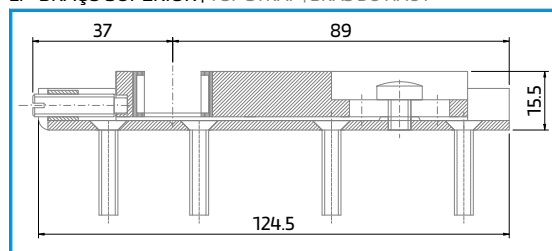
USINAGES ET FIXATIONS POUR FERRURES PIVOT 300KG -

AVEC PIVOT À FREIN M750

1. PIVOT SUPERIOR | TOP FLUSH HINGE | PIVOT SUPÉRIEUR

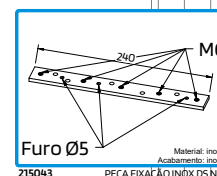
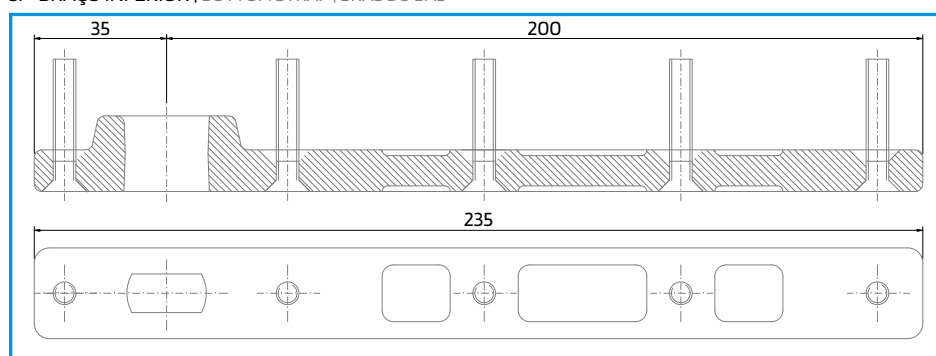


2. BRAÇO SUPERIOR | TOP STRAP | BRAS DU HAUT

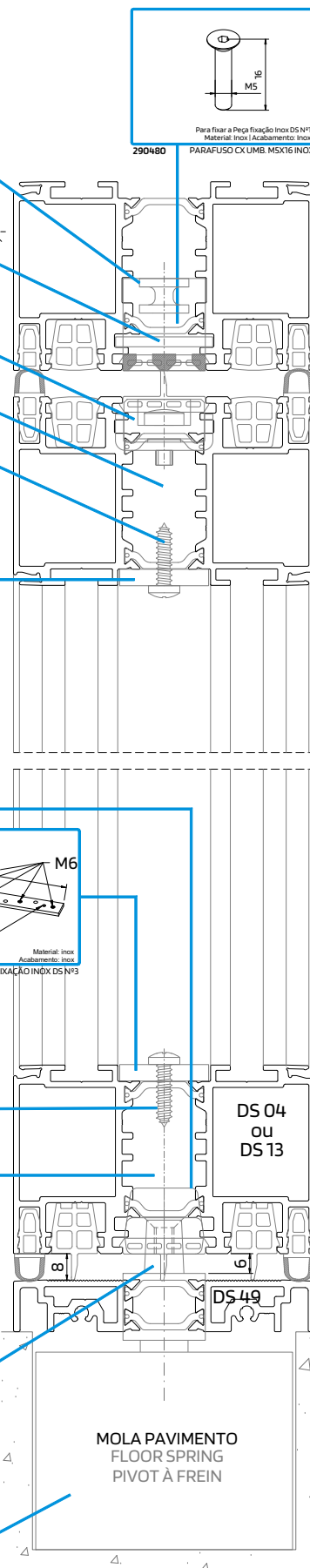
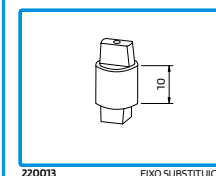
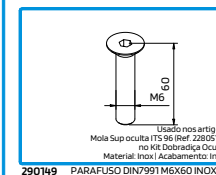
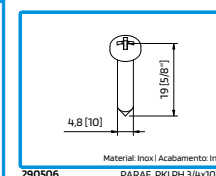
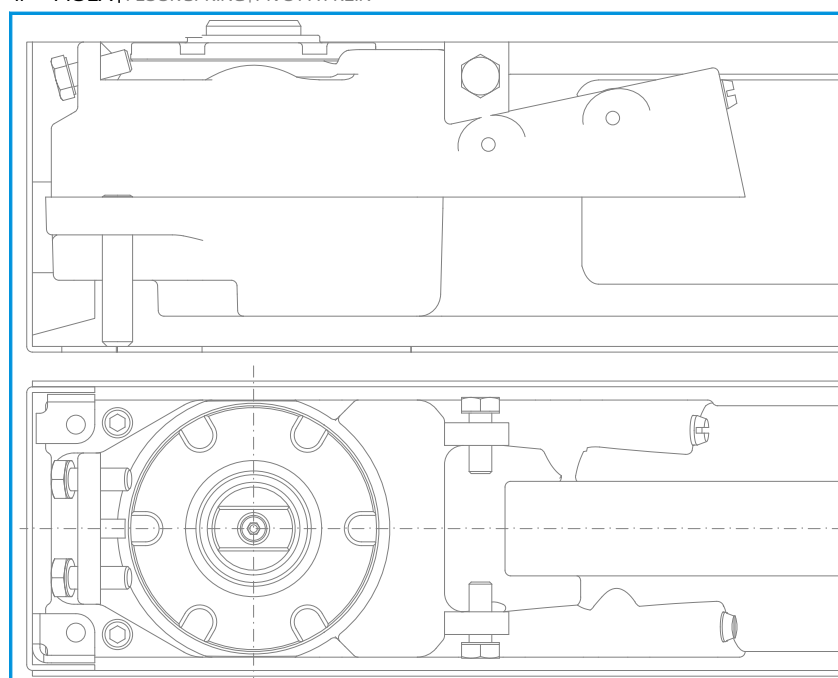


Nota: Este pormenor exemplificativo é válido para as tipologias com vidro.
Note: This illustrative detail is valid for glass types
Note: Ce détail illustratif est valable pour les types de verre

3. BRAÇO INFERIOR | BOTTOM STRAP | BRAS DU BAS



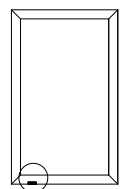
4. MOLA | FLOOR SPRING | PIVOT À FREIN



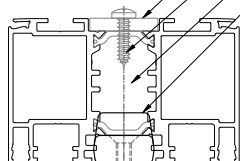
DATA|DATE|DATE: 16-01-2026

USINAGES ET FIXATIONS POUR FERRURES PIVOT 300KG

Mobile frames | Cadres ouvrants

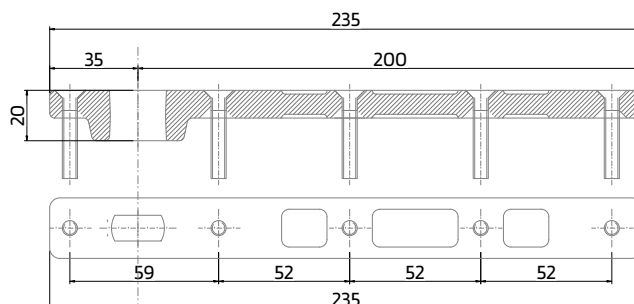


- Ref. 215043
- Ref. 290506
- Ref. 290149
- Ref. 210121



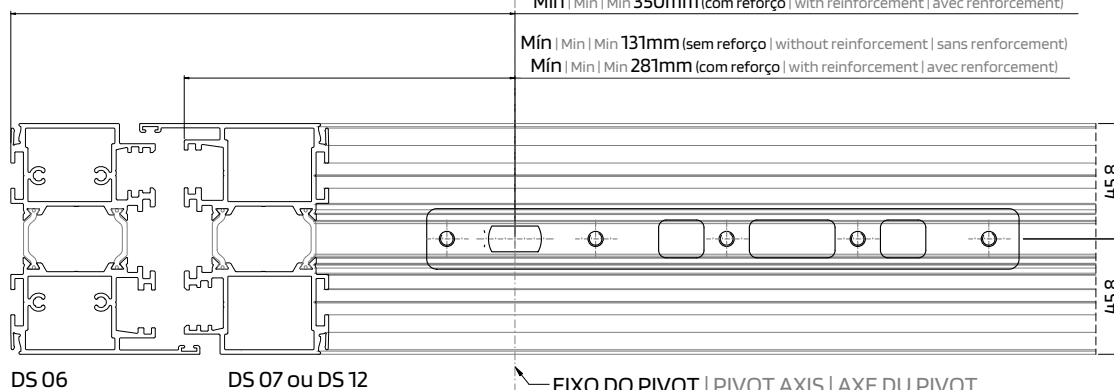
DS 04 ou DS 13

Note: Ce détail illustratif est valable pour les types de verre



Mín | Min | Min **350mm** (com reforço | with reinforcement | avec renforcement)

Mín | Min | Min **281mm** (com reforço | with reinforcement | avec renforcement)

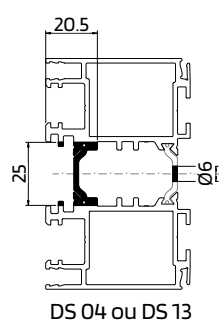


DS 06

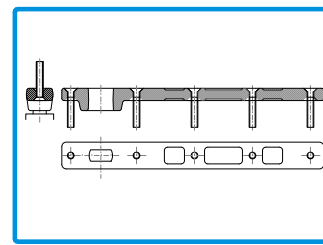
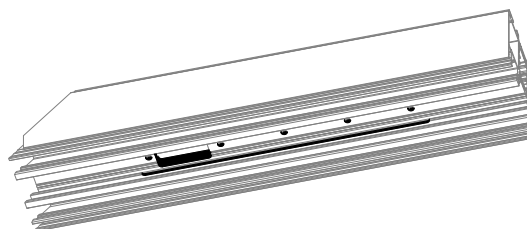
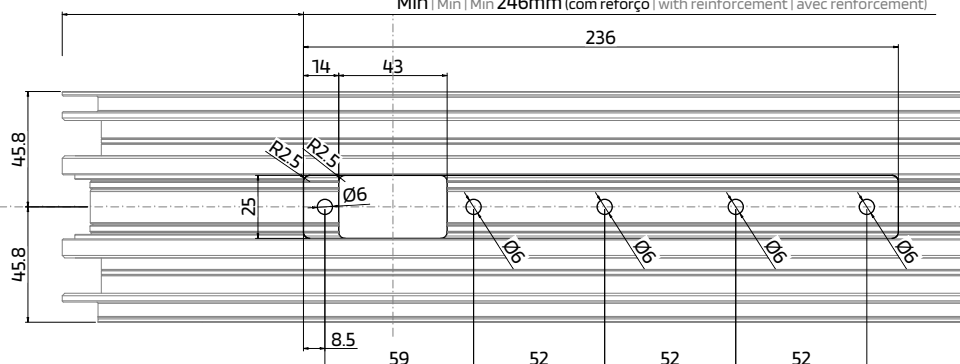
DS 07 ou DS 12

— EIXO DO PIVOT | PIVOT AXIS | AXE DU PIVOT

Mín | Min | Min **246mm** (com reforço | with reinforcement | avec renforcement)



DS 04 ou DS 13



210121

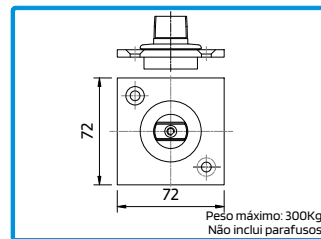
BRACO INFERIOR OS PIVOT 300KG

MAQUINAÇÕES E FIXAÇÕES PARA FERRAGENS PIVOT 300KG
MACHINING AND FIXATIONS FOR 300KG PIVOTING HARDWARE
USINAGES ET FIXATIONS POUR FERRURES PIVOT 300KG

4. a) RÓTULA INFERIOR | FLOOR PIVOT BEARING | FAUX PIVOT

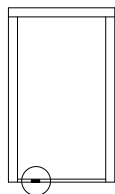
Aros fixos

Fixed frames | Cadres dormants



227114

PIVOT DE CHÃO 7471 AX



Corte a 90°

90° Cut | Coupe à 90°

Ref. 227114

Ref. 290168

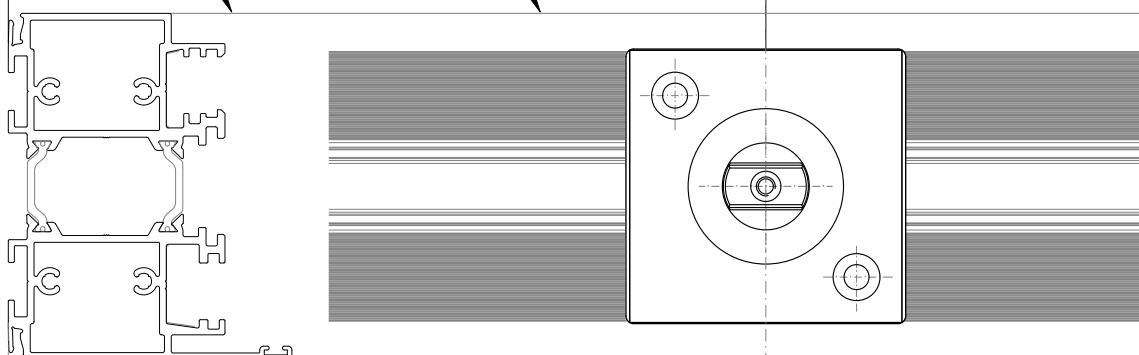
DS 49

Mínimo | Minimum | Minimal 200mm (sem reforço | without reinforcement | sans renforcement)

Mínimo | Minimum | Minimal 350mm (com reforço | with reinforcement | avec renforcement)

Ref. 210512

DS 49

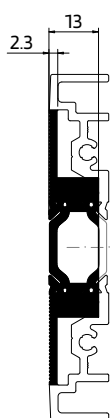


DS 06

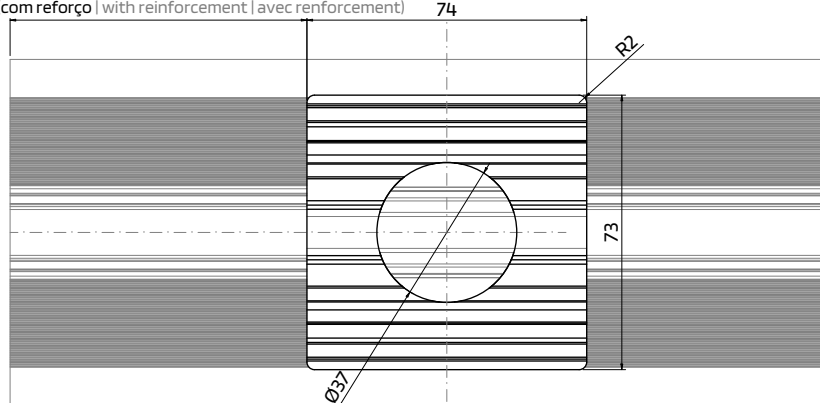
Eixo do Pivot | Pivot axis | Axe du Pivot

Mínimo | Minimum | Minimal 78.5mm (sem reforço | without reinforcement | sans renforcement)

Mínimo | Minimum | Minimal 228.5mm (com reforço | with reinforcement | avec renforcement)

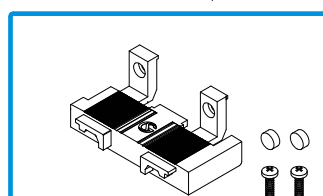


DS 49



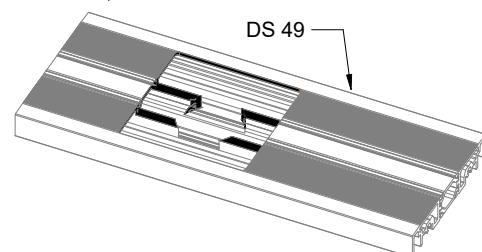
Mínimo | Minimum | Minimal 200mm (sem reforço | without reinforcement | sans renforcement)

Mínimo | Minimum | Minimal 350mm (com reforço | with reinforcement | avec renforcement)



210512

Para o perfil DS 49
Material: Poliamida | Acabamento: Preto
TOPO SOLEIRA DS DIR



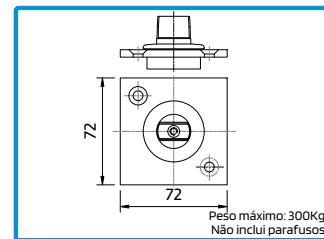
DS 49

MAQUINAÇÕES E FIXAÇÕES PARA FERRAGENS PIVOT 300KG
MACHINING AND FIXATIONS FOR 300KG PIVOTING HARDWARE
USINAGES ET FIXATIONS POUR FERRURES PIVOT 300KG

4. a) RÓTULA INFERIOR | FLOOR PIVOT BEARING | FAUX PIVOT

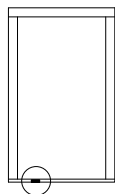
Aros fixos

Fixed frames | Cadres dormants



227114

PIVOT DE CHÃO 7471 AX



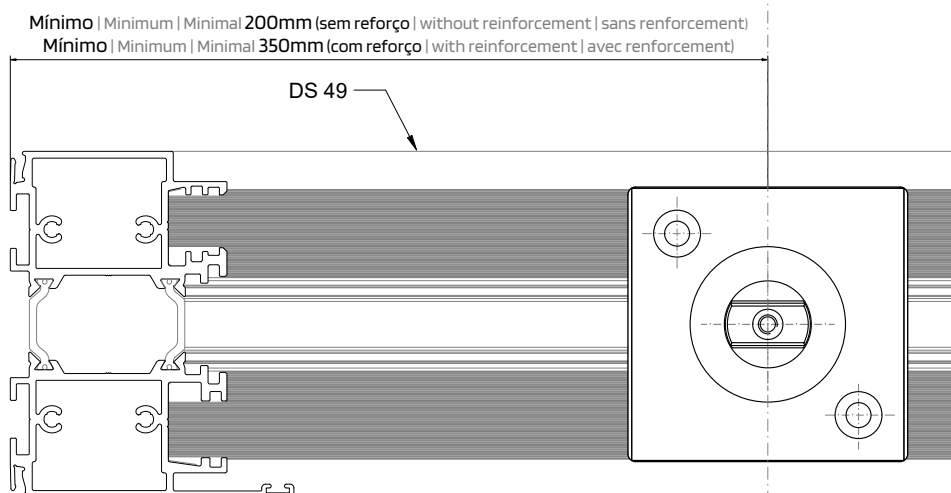
Corte a 90°

90° Cut | Coupe à 90°

Ref. 227114

Ref. 290168

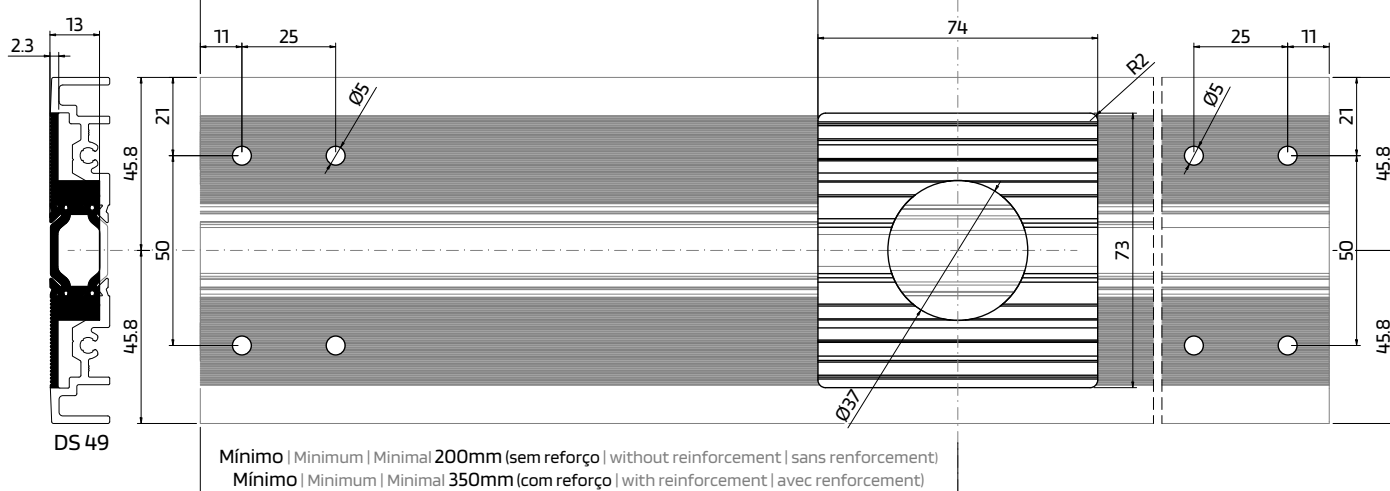
DS 49



DS 06

Eixo do Pivot | Pivot axis | Axe du Pivot

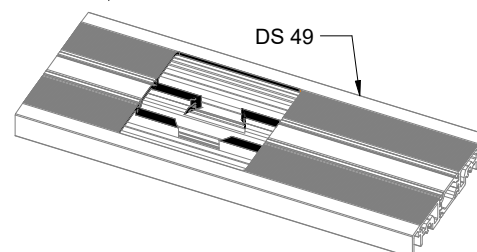
Mínimo | Minimum | Minimal 163mm (sem reforço) | without reinforcement | sans renforcement
Mínimo | Minimum | Minimal 313mm (com reforço) | with reinforcement | avec renforcement



Nota: Esta operação só se aplica caso queira afixar a soleira diretamente às ombreiras.

Note: This operation only applies if you want to attach the sill directly to the jambs.

Note: Cette opération s'applique uniquement si vous souhaitez fixer le seuil directement sur les montants.



DS 49

MAQUINAÇÕES E FIXAÇÕES PARA FERRAGENS PIVOT 300KG

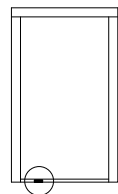
MACHINING AND FIXATIONS FOR 300KG PIVOTING HARDWARE

USINAGES ET FIXATIONS POUR FERRURES PIVOT 300KG

4. b) MOLA DE PAVIMENTO M750 - 300Kg | FLOOR SPRING | PIVOT À FREIN

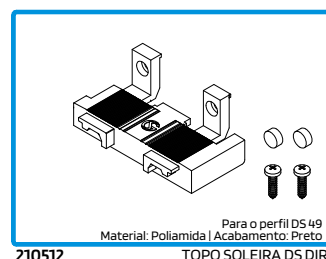
Aros fixos

Fixed frames | Cadres dormants



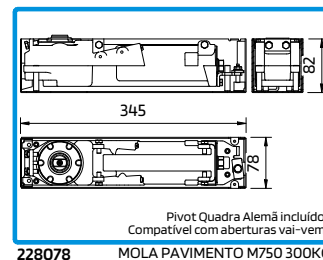
Corte a 90°

90° Cut | Coupe à 90°



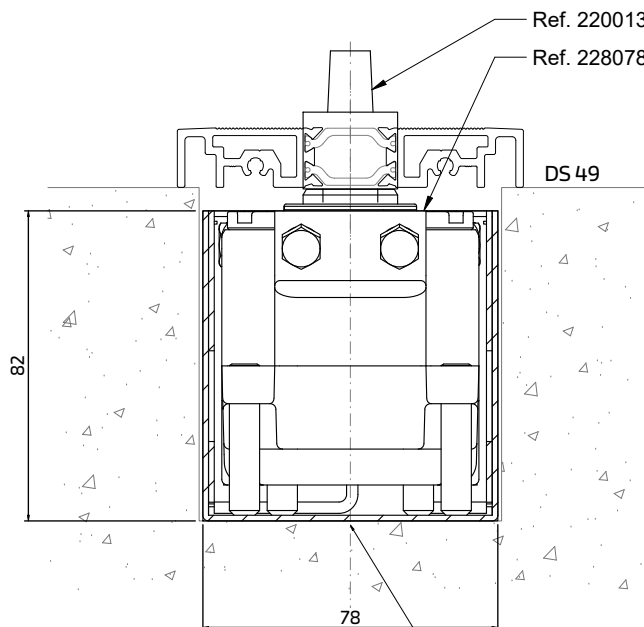
210512

Para o perfil DS 49
Material: Poliamida | Acabamento: Preto
TOPO SOLEIRA DS DIR



228078

Pivot Quadra Alemã incluído
Compatível com aberturas val-ven
MOLA PAVIMENTO M750 300KG



Ref. 220013

Ref. 228078

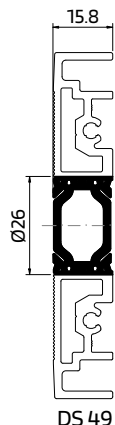
DS 49

78

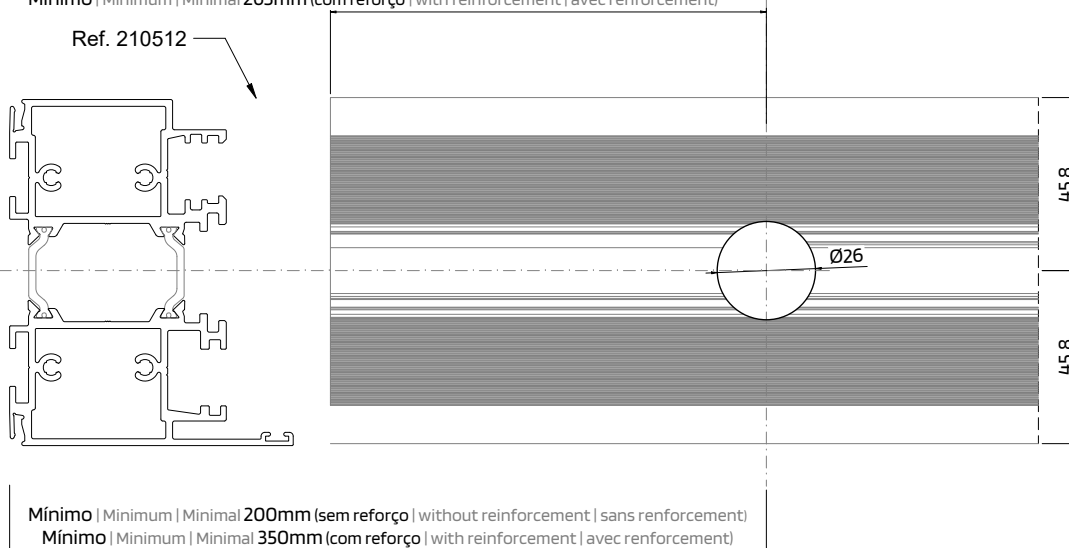
Eixo do Pivot
| Pivot axis
| Axe du Pivot

Mínimo | Minimum | Minimal 115mm (sem reforço | without reinforcement | sans renforcement)
Mínimo | Minimum | Minimal 265mm (com reforço | with reinforcement | avec renforcement)

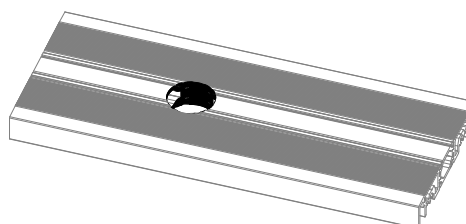
Ref. 210512



DS 49

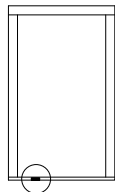


Mínimo | Minimum | Minimal 200mm (sem reforço | without reinforcement | sans renforcement)
Mínimo | Minimum | Minimal 350mm (com reforço | with reinforcement | avec renforcement)



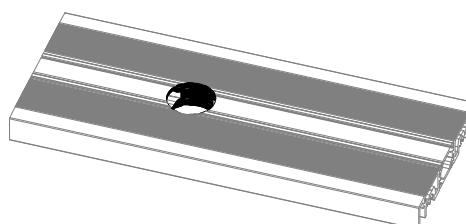
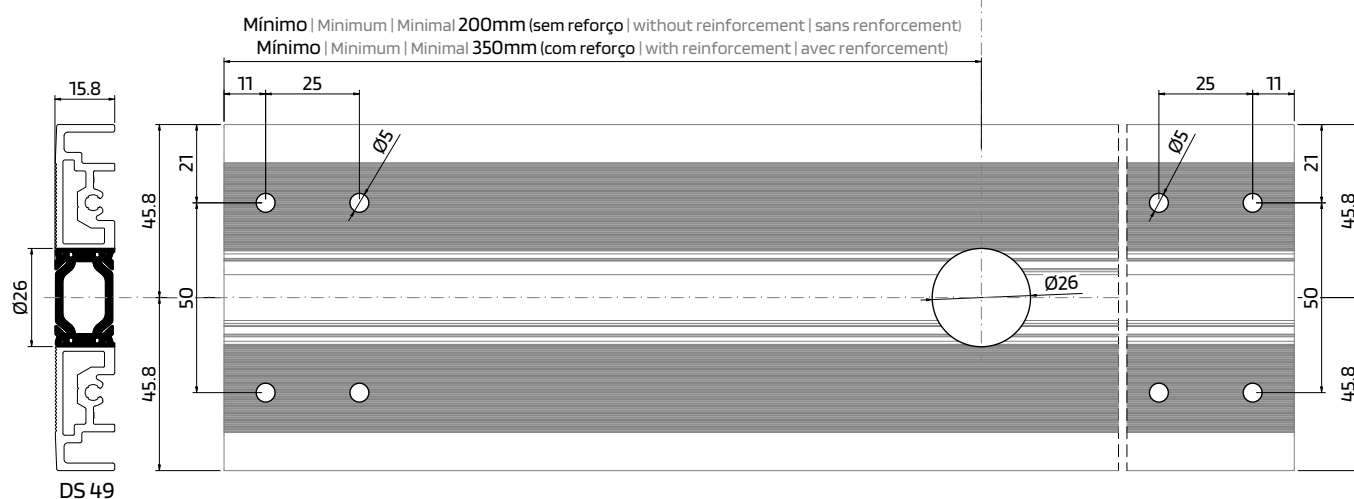
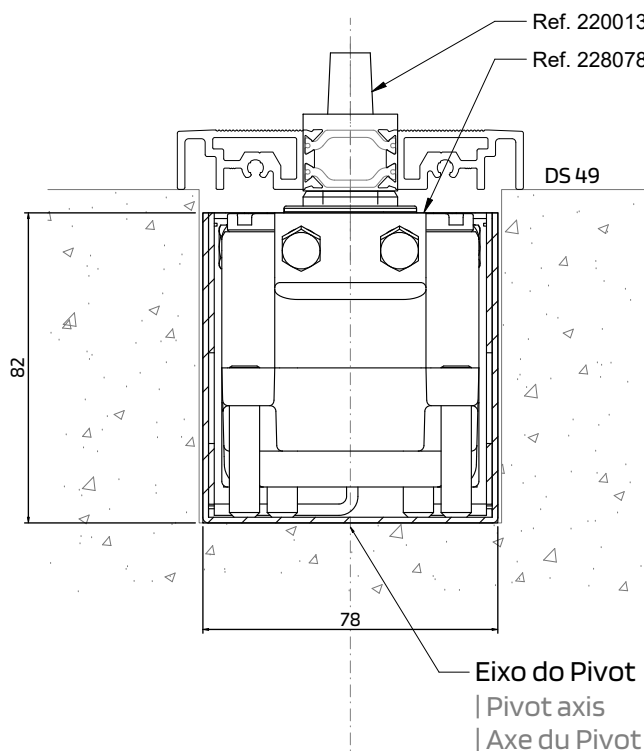
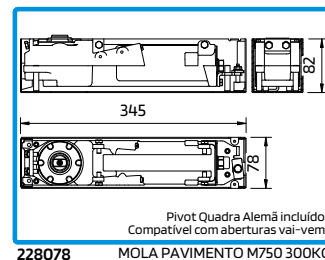
MAQUINAGE ET FIXATIONS POUR 300KG PIVOTING HARDWARE
USINAGES ET FIXATIONS POUR FERRURES PIVOT 300KG

Fixed frames | Cadres dormants



90° Cut | Coupe à 90°

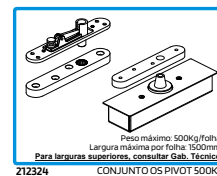
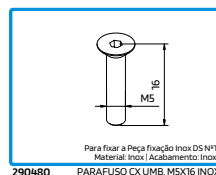
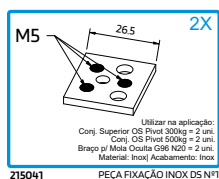
Note: Cette opération s'applique uniquement si vous souhaitez fixer le seuil directement sur les montants.



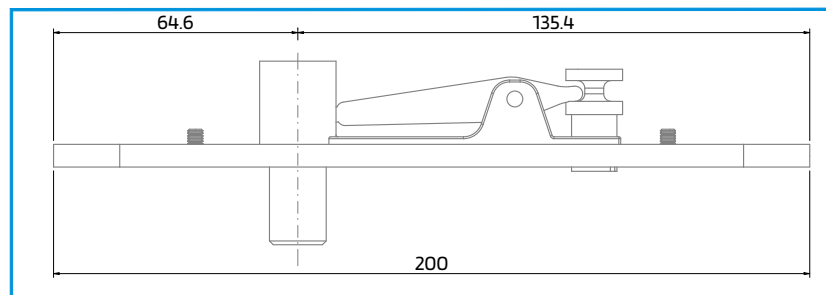
MAQUINAÇÕES E FIXAÇÕES PARA FERRAGENS PIVOT 500KG

MACHINING AND FIXATIONS FOR 500KG PIVOTING HARDWARE

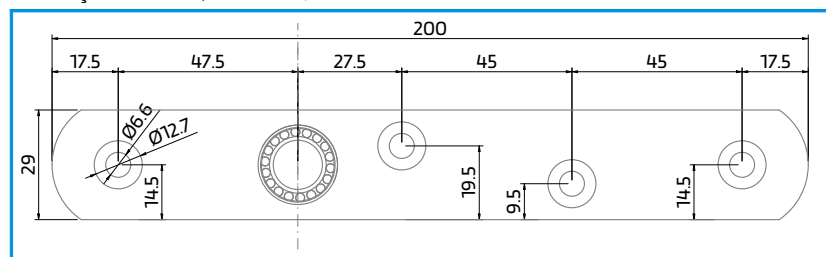
USINAGES ET FIXATIONS POUR FERRURES PIVOT 500KG



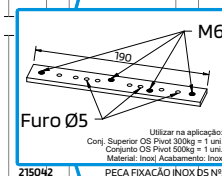
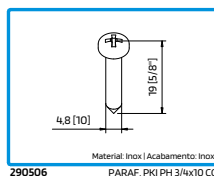
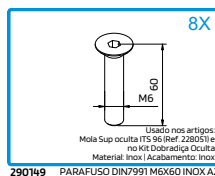
1. PIVOT SUPERIOR | TOP FLUSH HINGE | PIVOT SUPÉRIEUR *



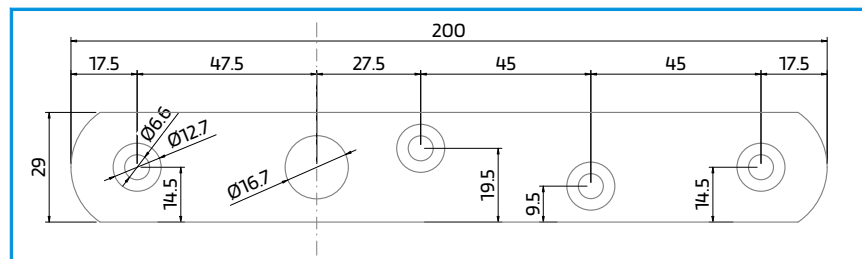
2. BRAÇO SUPERIOR | TOP STRAP | BRAS DU HAUT *



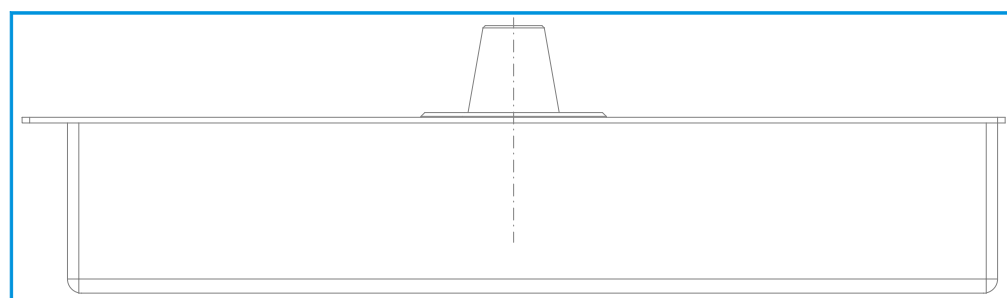
Nota: Este pormenor exemplificativo é válido para as tipologias com vidro.
Note: This illustrative detail is valid for glass types
Note: Ce détail illustratif est valable pour les types de verre



3. BRAÇO INFERIOR | BOTTOM STRAP | BRAS DU BAS *



4. RÓTULA INFERIOR | FLOOR PIVOT BEARING | FAUX PIVOT



* As peças fornecidas pela Sosoares já têm 29mm de largura

The parts supplied by Sosoares already have a width of 29mm | Les pièces fournies par Sosoares ont déjà une largeur de 29 mm

MAQUINAÇÕES E FIXAÇÕES PARA FERRAGENS PIVOT 500KG

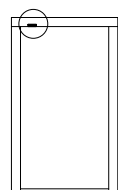
MACHINING AND FIXATIONS FOR 500KG PIVOTING HARDWARE

USINAGES ET FIXATIONS POUR FERRURES PIVOT 500KG

1. PIVOT SUPERIOR | TOP FLUSH HINGE | PIVOT SUPÉRIEUR

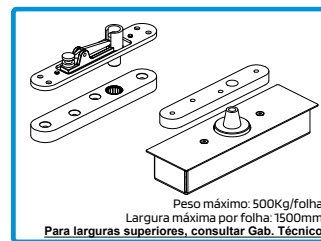
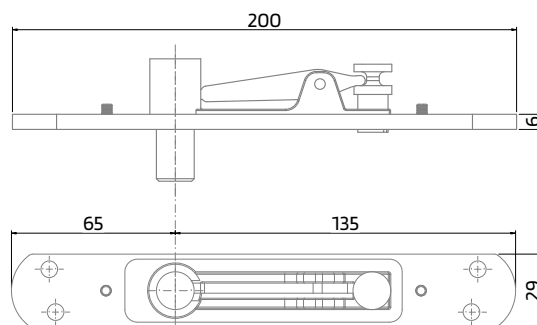
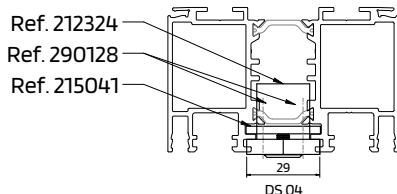
Aros fixos

Fixed frames | Cadres fixes



Corte a 90°

90° Cut | Coupe à 90°

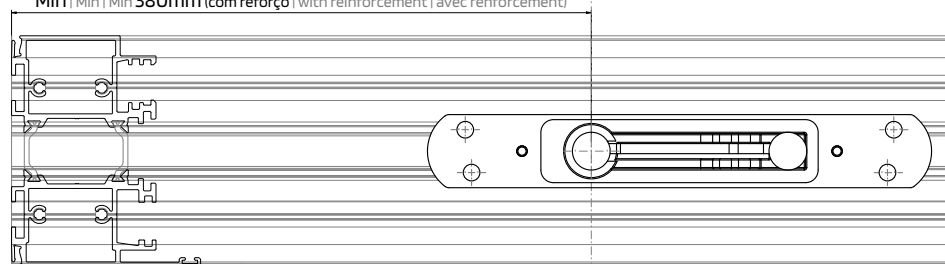


212324

CONJUNTO OS PIVOT 500KG

Mín | Min | Min 230mm (sem reforço | without reinforcement | sans renforcement)

Mín | Min | Min 380mm (com reforço | with reinforcement | avec renforcement)

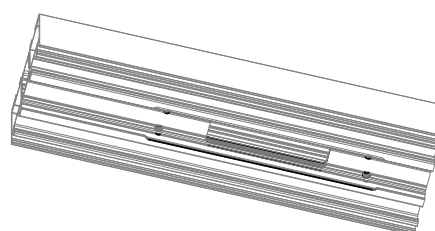
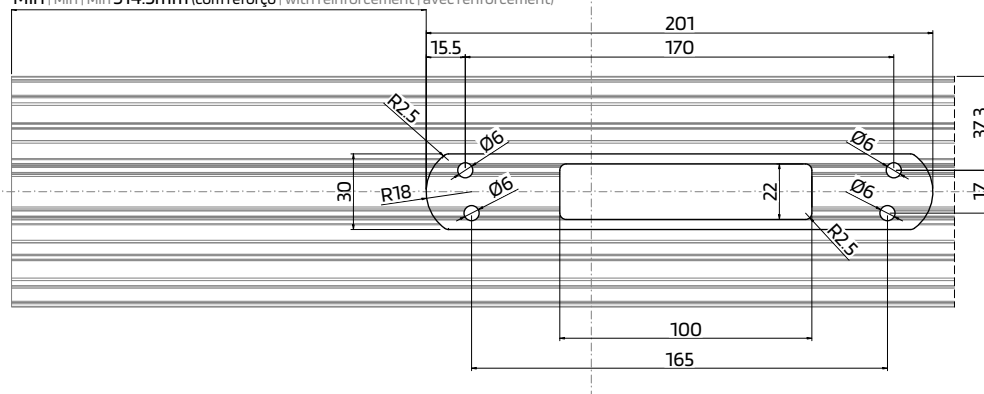
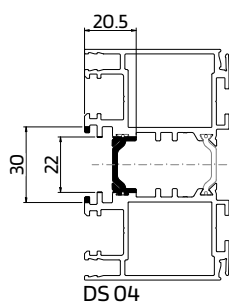


DS 06

Eixo do Pivot | Pivot axis | Axe du Pivot

Mín | Min | Min 164.5mm (sem reforço | without reinforcement | sans renforcement)

Mín | Min | Min 314.5mm (com reforço | with reinforcement | avec renforcement)



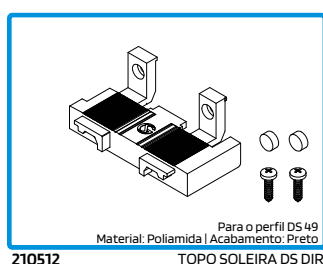
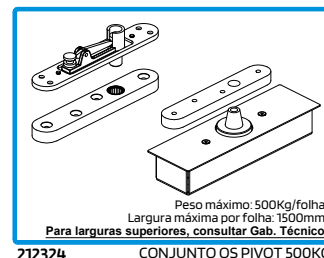
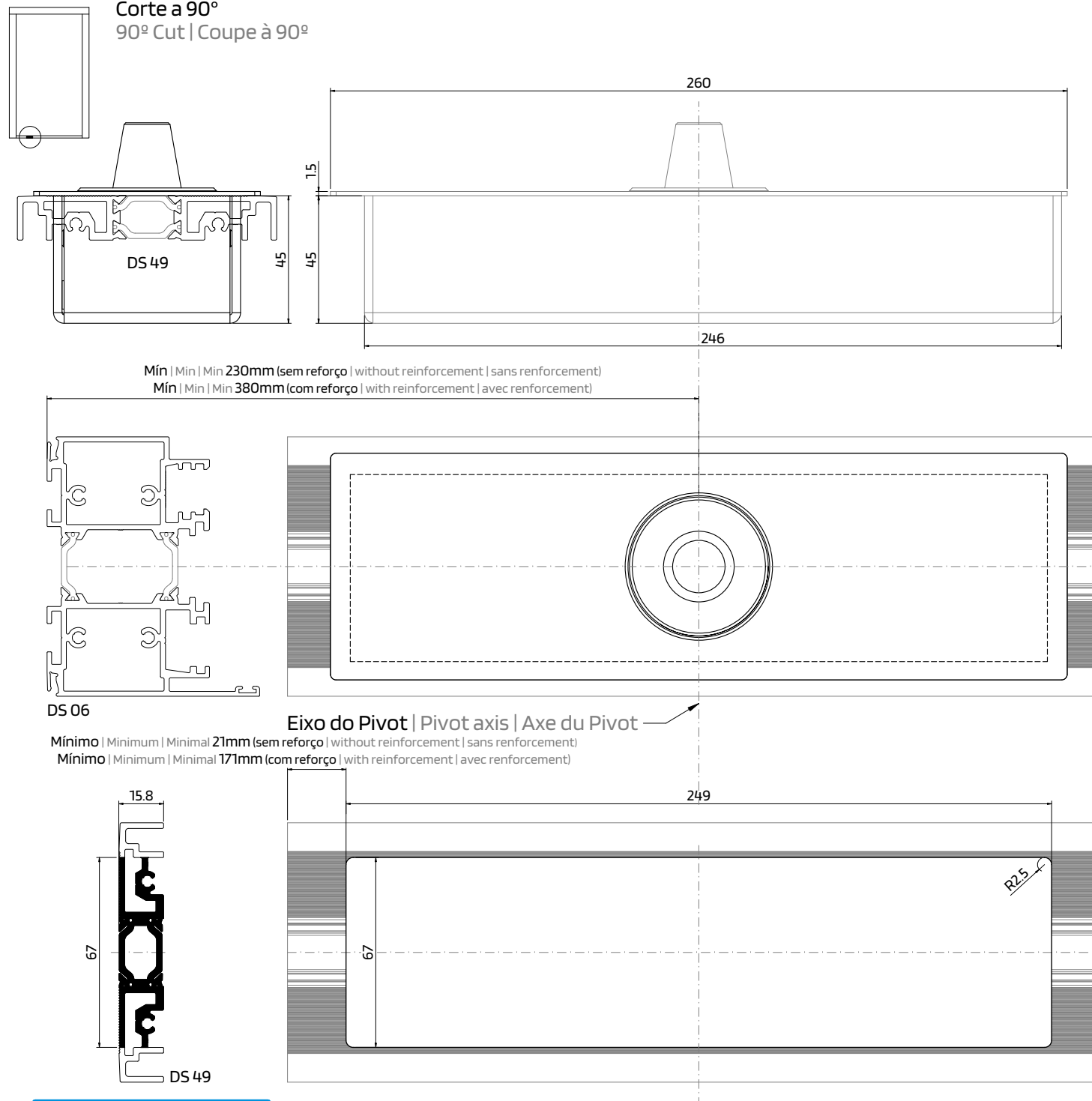
FERRAGENS PIVOT 500KG - MAQUINAÇÕES E FIXAÇÕES
500KG PIVOTING HARDWARE - MACHINING AND FIXATIONS
FERRURES PIVOT 500KG - USINAGES ET FIXATIONS

4. RÓTULA INFERIOR | FLOOR PIVOT BEARING | FAUX PIVOT

Aros fixos

Fixed frames | Cadres dormants

Corte a 90°
90° Cut | Coupe à 90°

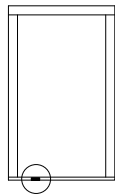


FERRAGENS PIVOT 500KG - MAQUINAÇÕES E FIXAÇÕES
500KG PIVOTING HARDWARE - MACHINING AND FIXATIONS
FERRURES PIVOT 500KG - USINAGES ET FIXATIONS

4. RÓTULA INFERIOR | FLOOR PIVOT BEARING | FAUX PIVOT

Aros fixos

Fixed frames | Cadres dormants

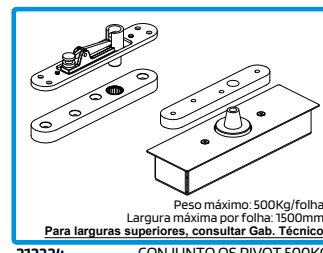


Corte a 90°
90° Cut | Coupe à 90°

Nota: Esta operação só se aplica caso se queira fixar a soleira diretamente às ombreiras.

Note: This operation only applies if you want to fix the sill directly to the jambs.

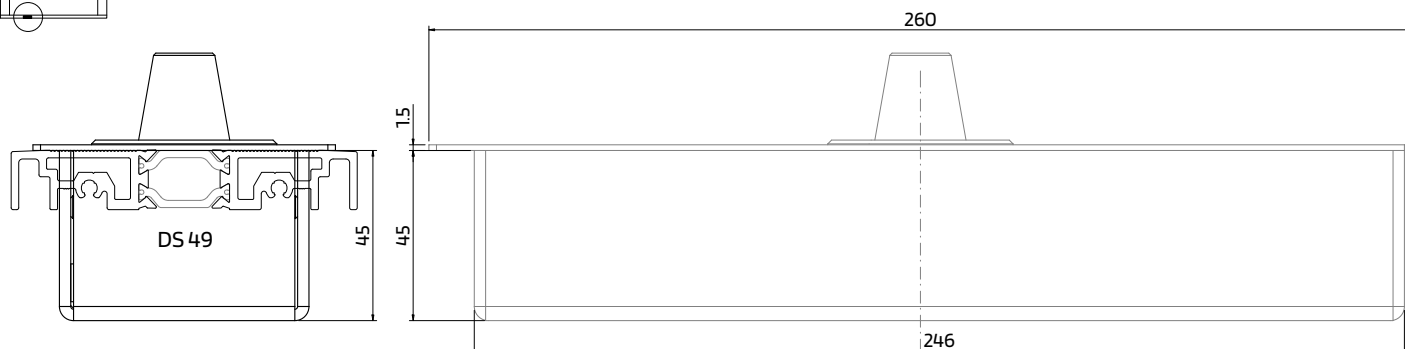
Note: Cette opération s'applique uniquement si vous souhaitez fixer le seuil directement sur les montants.



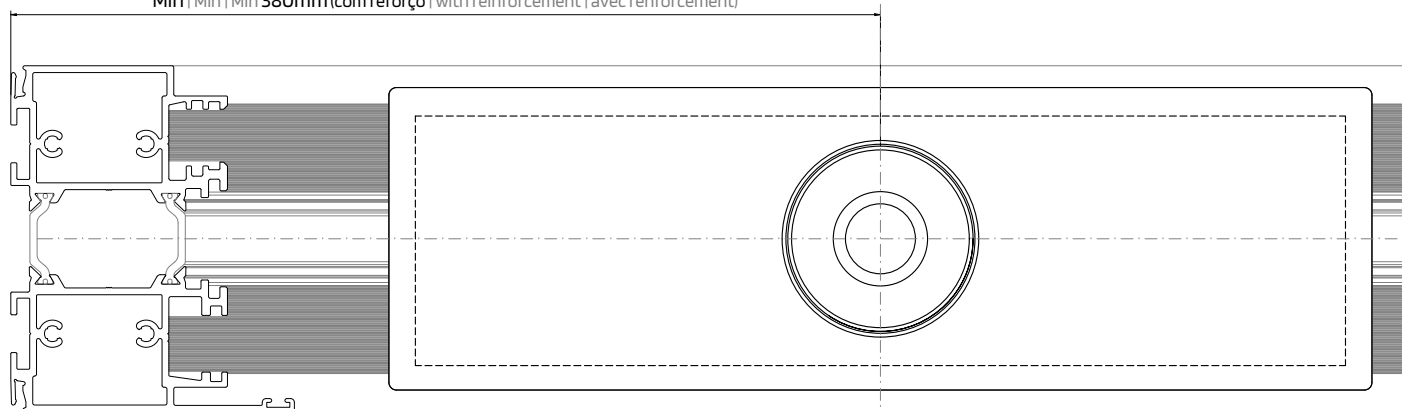
212324

Peso máximo: 500Kg/folha
Largura máxima por folha: 1500mm
Para larguras superiores, consultar Gab. Técnico

CONJUNTO OS PIVOT 500KG



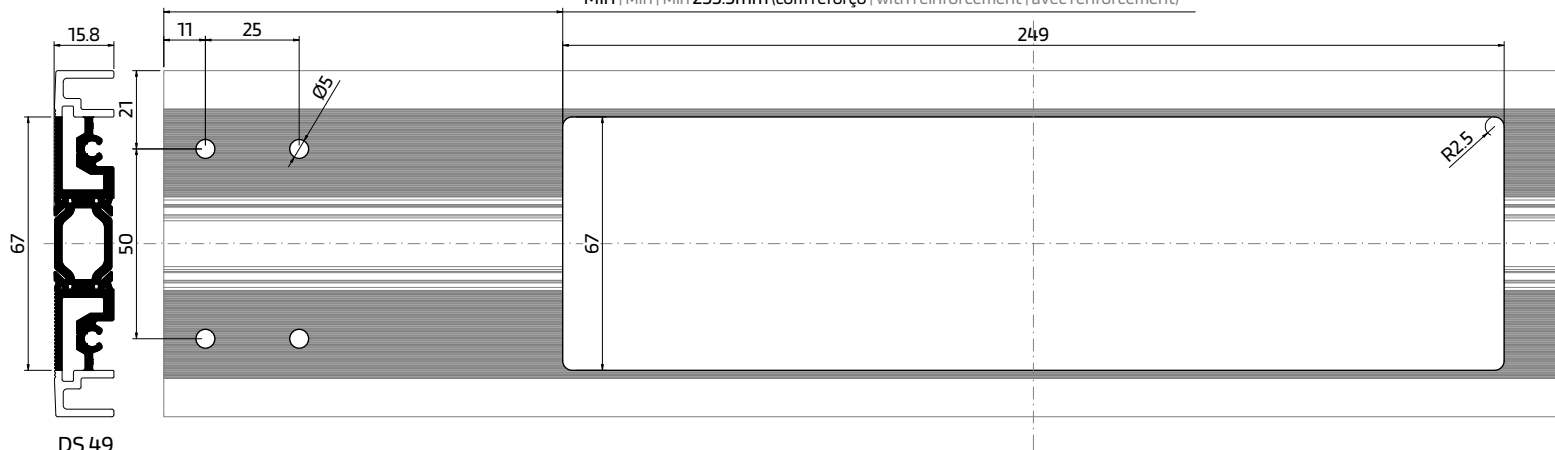
Mín | Min | Min 230mm (sem reforço | without reinforcement | sans renforcement)
Mín | Min | Min 380mm (com reforço | with reinforcement | avec renforcement)



DS 06

Eixo do Pivot | Pivot axis | Axe du Pivot

Mín | Min | Min 105.5mm (sem reforço | without reinforcement | sans renforcement)
Mín | Min | Min 255.5mm (com reforço | with reinforcement | avec renforcement)



DS 49



MAQUINAÇÕES E FIXAÇÕES PARA FERRAGENS PIVOT 500KG

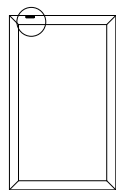
MACHINING AND FIXATIONS FOR 500KG PIVOTING HARDWARE

USINAGES ET FIXATIONS POUR FERRURES PIVOT 500KG

2. BRAÇO SUPERIOR | TOP STRAP | BRAS DU HAUT

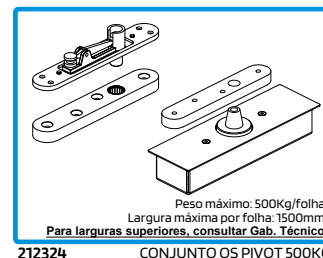
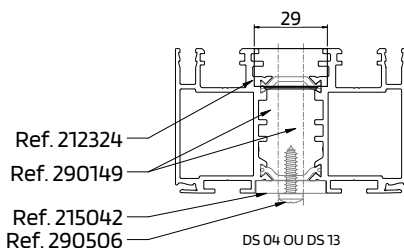
Aros móveis

Mobile frames | Cadres ouvrants



Corte a 45°

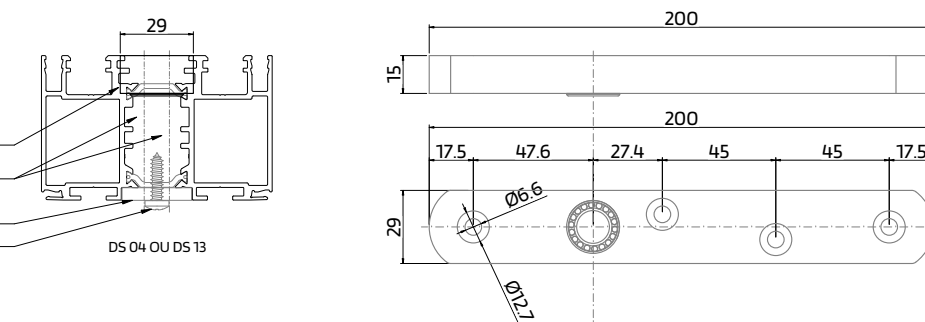
45° Cut | Coupe à 45°



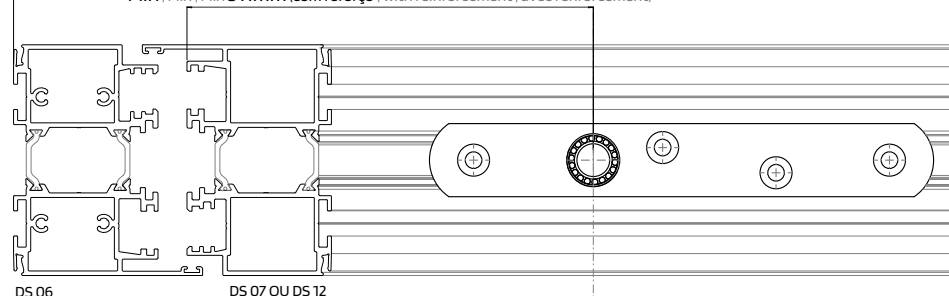
212324

Peso máximo: 500Kg/folha
Largura máxima por folha: 1500mm
Para larguras superiores, consultar Gab. Técnico

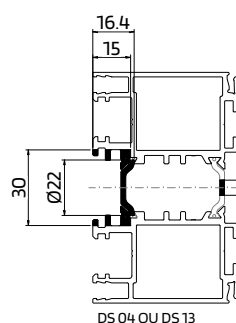
CONJUNTO OS PIVOT 500KG



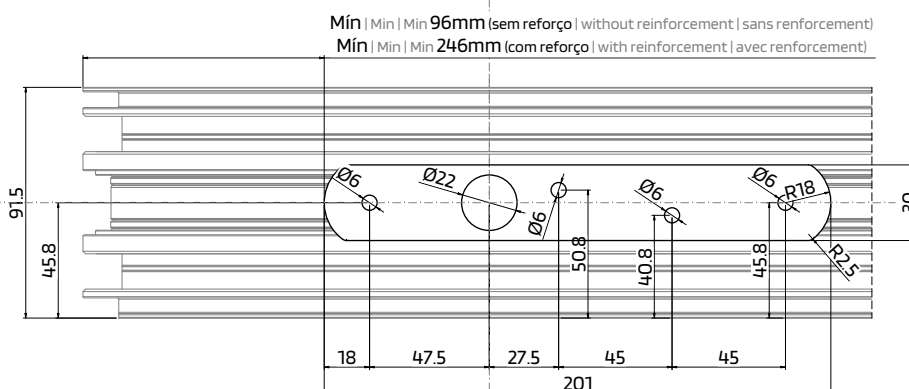
Mín | Min | Min 230mm (sem reforço | without reinforcement | sans renforcement)
Mín | Min | Min 380mm (com reforço | with reinforcement | avec renforcement)
Mín | Min | Min 161mm (sem reforço | without reinforcement | sans renforcement)
Mín | Min | Min 311mm (com reforço | with reinforcement | avec renforcement)



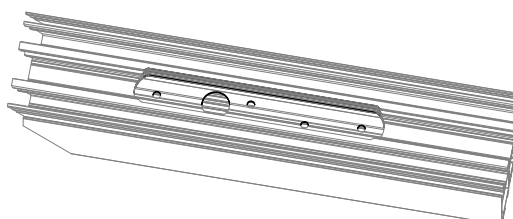
Eixo do Pivot | Pivot axis | Axe du Pivot



DS 04 OU DS 13



Nota: Este pormenor exemplificativo é válido para as tipologias com vidro.
Note: This illustrative detail is valid for glass types
Note: Ce détail illustratif est valable pour les types de verre



MAQUINAÇÕES E FIXAÇÕES PARA FERRAGENS PIVOT 500KG

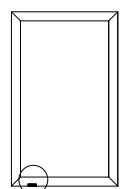
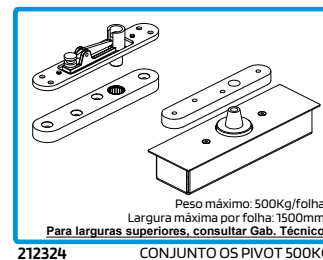
MACHINING AND FIXATIONS FOR 500KG PIVOTING HARDWARE

USINAGES ET FIXATIONS POUR FERRURES PIVOT 500KG

3. BRAÇO INFERIOR | BOTTOM STRAP | BRAS DU BAS

Aros móveis

Mobile frames | Cadres ouvrants



Corte a 45°

45° Cut | Coupe à 45°

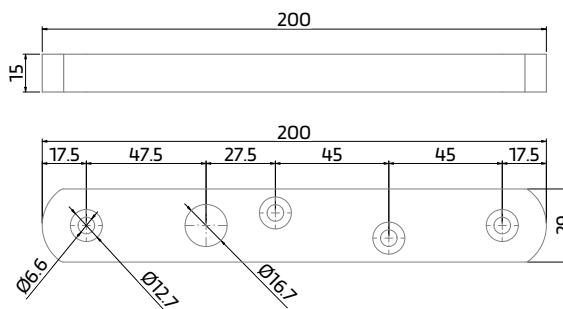
Ref. 215042

Ref. 290506

Ref. 290149

Ref. 212324

DS 04 OU DS 13

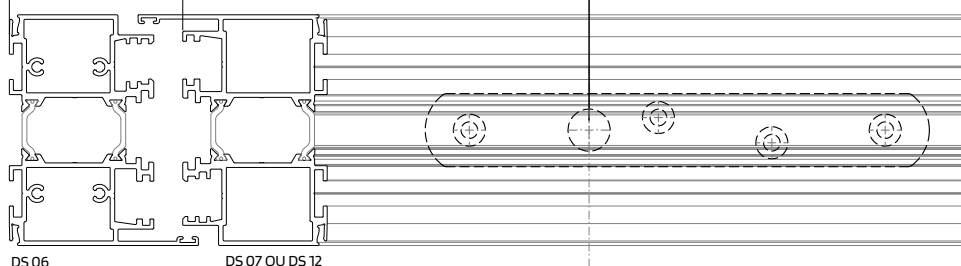


Mín | Min | Min 230mm (sem reforço | without reinforcement | sans renforcement)

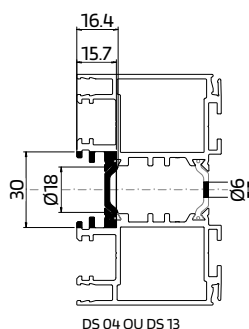
Mín | Min | Min 380mm (com reforço | with reinforcement | avec renforcement)

Mín | Min | Min 161mm (sem reforço | without reinforcement | sans renforcement)

Mín | Min | Min 311mm (com reforço | with reinforcement | avec renforcement)



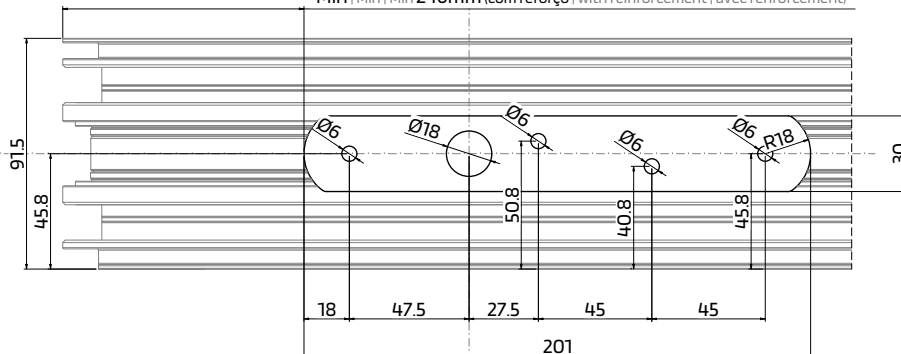
Eixo do Pivot | Pivot axis | Axe du Pivot



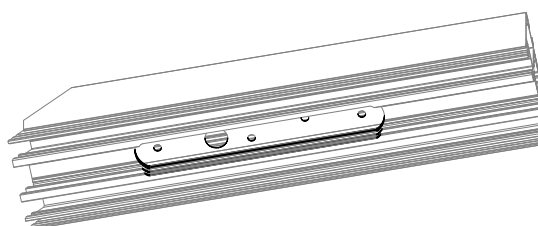
DS 04 OU DS 13

Mín | Min | Min 96mm (sem reforço | without reinforcement | sans renforcement)

Mín | Min | Min 246mm (com reforço | with reinforcement | avec renforcement)



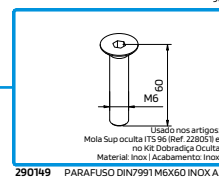
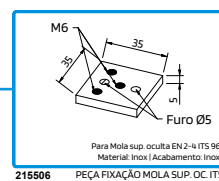
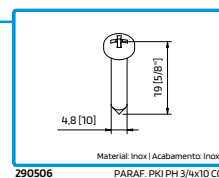
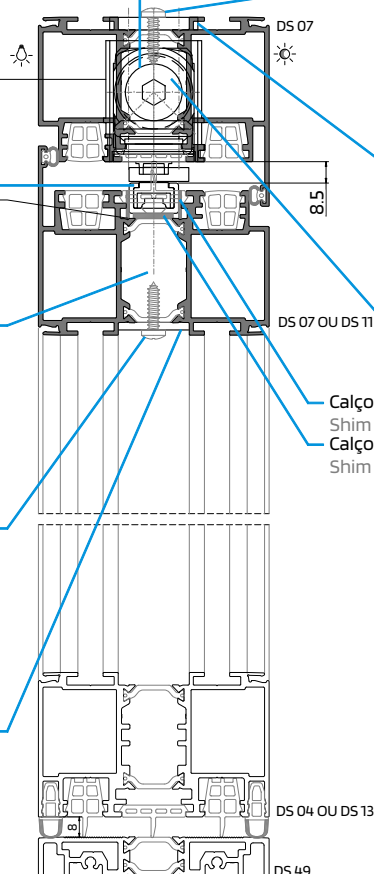
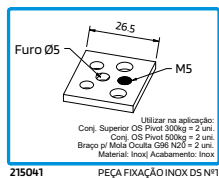
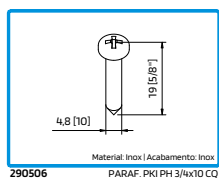
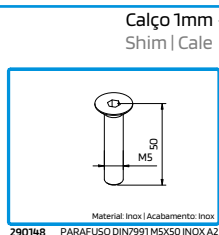
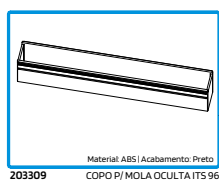
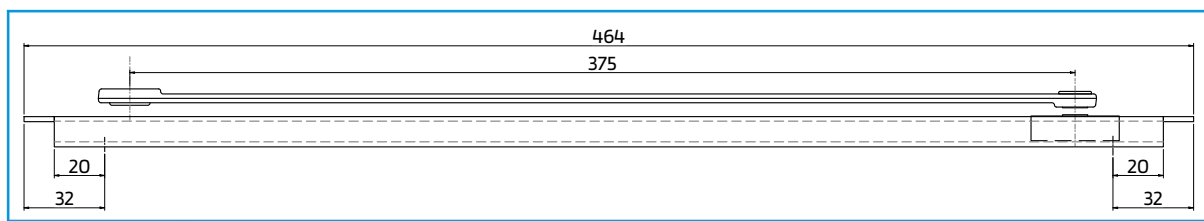
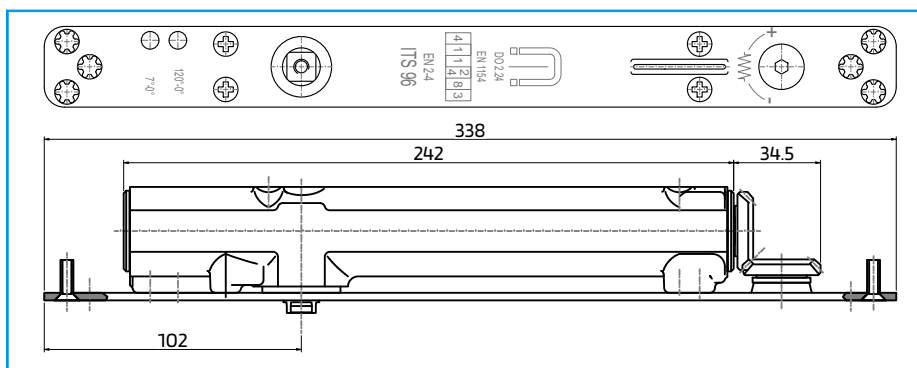
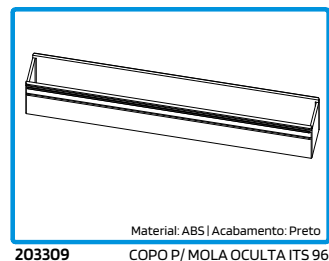
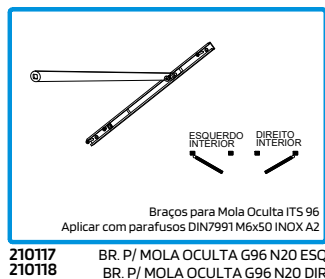
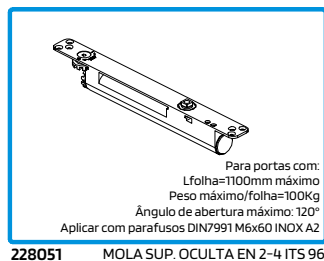
Nota: Este pormenor exemplificativo é válido para as tipologias com vidro.
Note: This illustrative detail is valid for glass types
Note: Ce détail illustratif est valable pour les types de verre



MAQUINAÇÕES E FIXAÇÕES PARA MOLA SUPERIOR OCULTA EN 2-4 ITS 96

MACHINING AND FIXATIONS FOR EN 2-4 ITS 96 UPPER CONCEALED DOOR CLOSER

USINAGES ET FIXATIONS POUR FERME-PORTES SUPÉRIEUR D'ENCASTRÉ EN 2-4 ITS 96



Nota: Este pormenor exemplificativo é válido para as tipologias com vidro.
Note: This illustrative detail is valid for glass types
Note: Ce détail illustratif est valable pour les types de verre

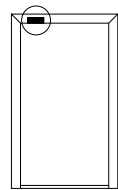
MAQUINAÇÕES E FIXAÇÕES PARA MOLA SUPERIOR OCULTA EN 2-4 ITS 96

MACHINING AND FIXATIONS FOR EN 2-4 ITS 96 UPPER CONCEALED DOOR CLOSER

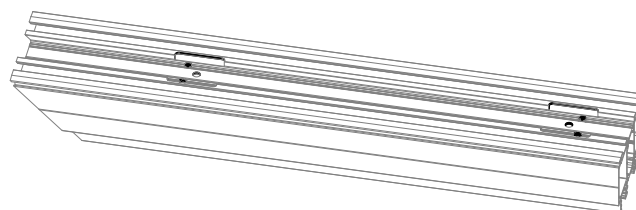
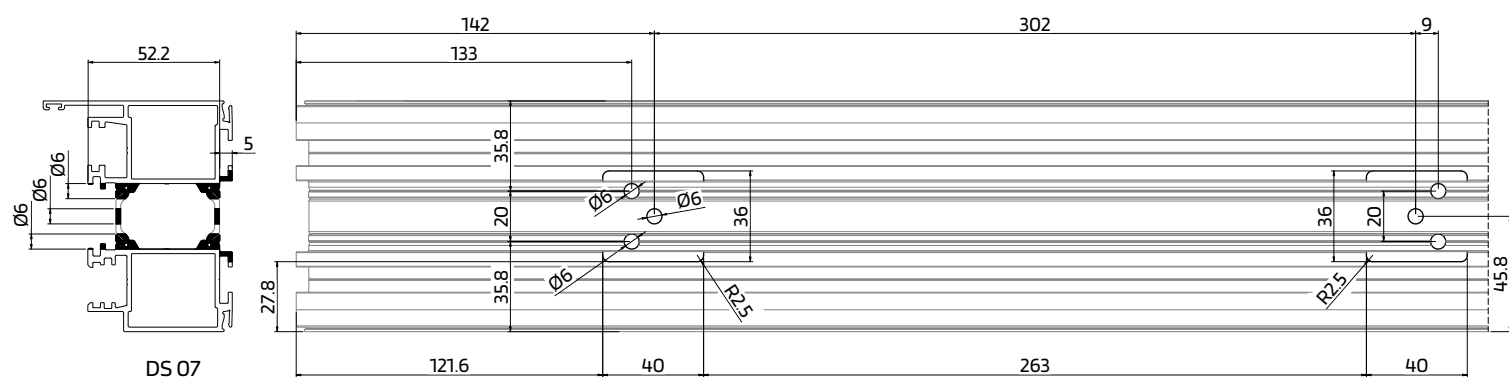
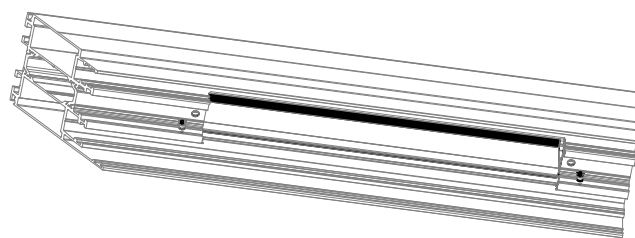
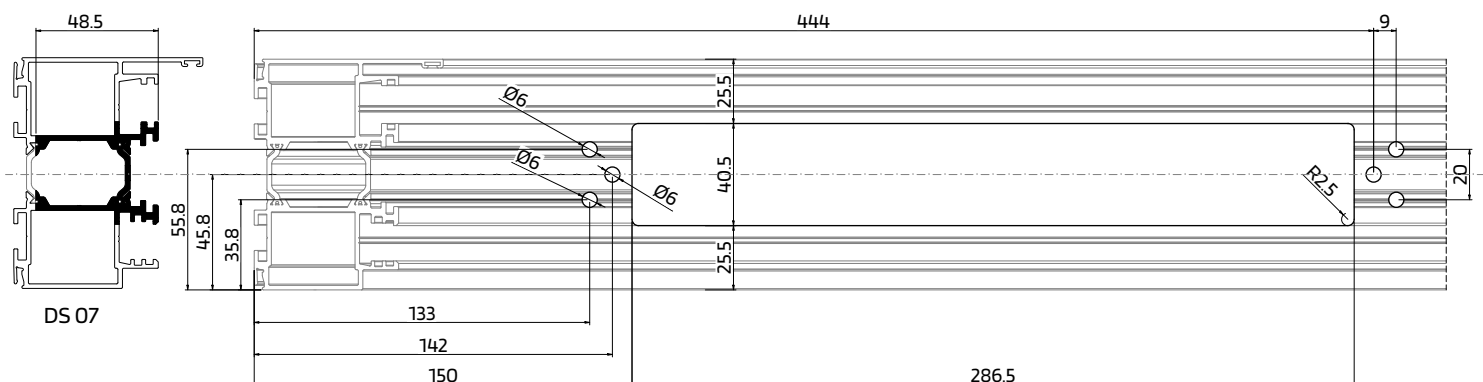
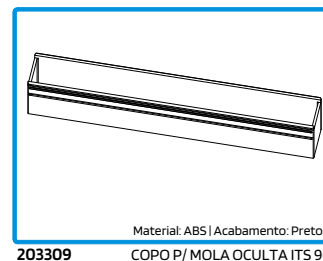
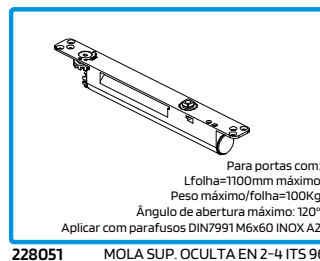
USINAGES ET FIXATIONS POUR FERME-PORTES SUPÉRIEUR D'ENCASTRÉ EN 2-4 ITS 96

Aros fixos

Fixed frames | Cadres fixes



Corte a 45°
45° Cut | Coupe à 45°



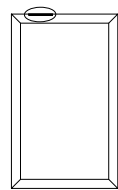
MAQUINAÇÕES E FIXAÇÕES PARA MOLA SUPERIOR OCULTA EN 2-4 ITS 96

MACHINING AND FIXATIONS FOR EN 2-4 ITS 96 UPPER CONCEALED DOOR CLOSER

USINAGES ET FIXATIONS POUR FERME-PORTES SUPÉRIEUR D'ENCASTRÉ EN 2-4 ITS 96

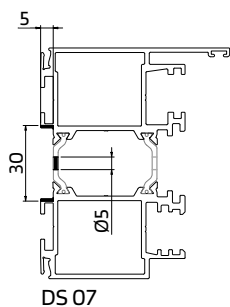
Aros móveis

Mobile frames | Cadres ouvrants

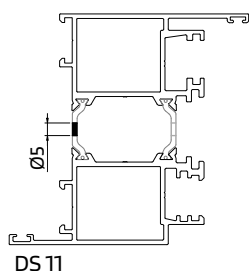


Corte a 45°

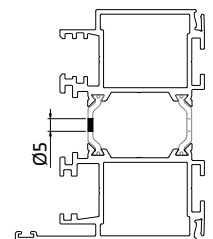
45° Cut | Coupe à 45°



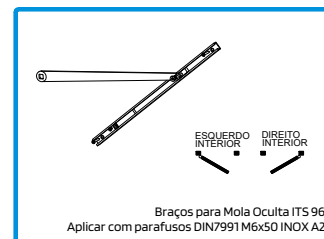
DS 07



DS 11

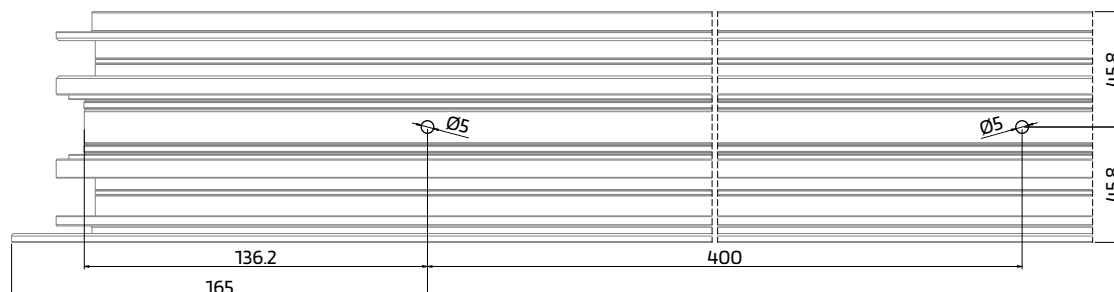
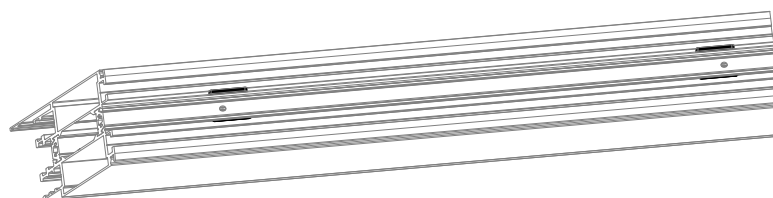
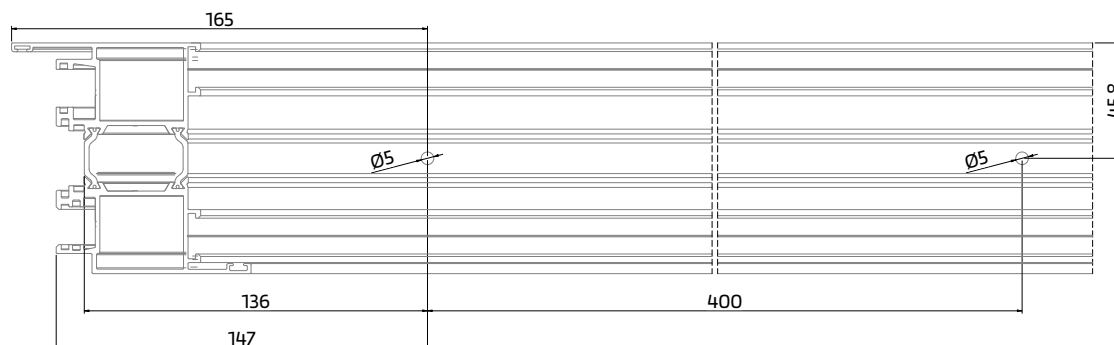
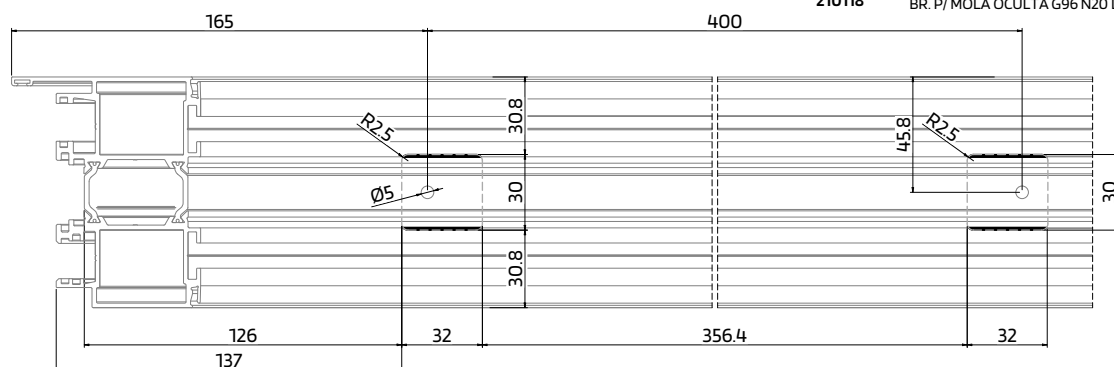


DS 07 OU DS 11



210117
210118

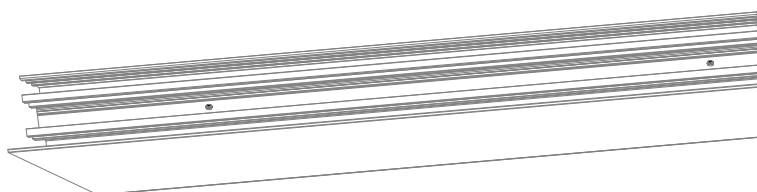
BR. P/ MOLA OCULTA G96 N20 ESQ.
BR. P/ MOLA OCULTA G96 N20 DIR.



Nota: Este pormenor exemplificativo é válido para as tipologias com vidro.

Note: This illustrative detail is valid for glass types

Note: Ce détail illustratif est valable pour les types de verre



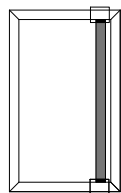
MAQUINAÇÕES PARA FIXAÇÃO DO PERFIL SO 81

MACHINING FOR FIXING THE SO 81 PROFILE

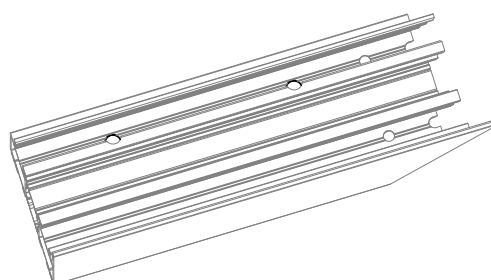
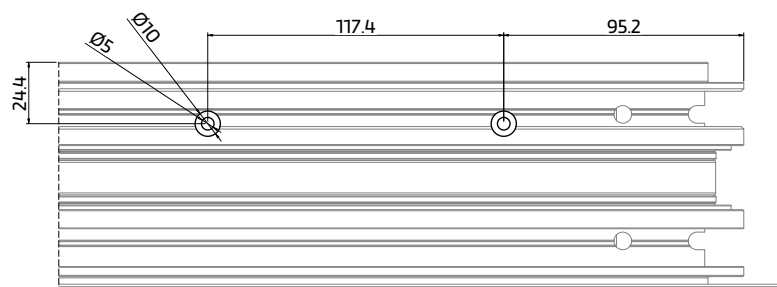
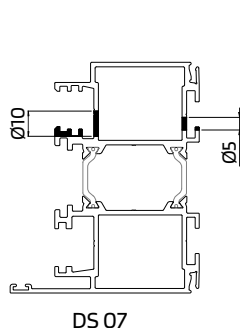
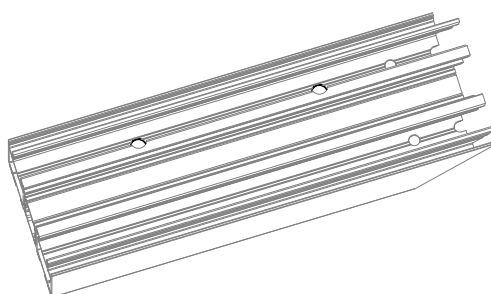
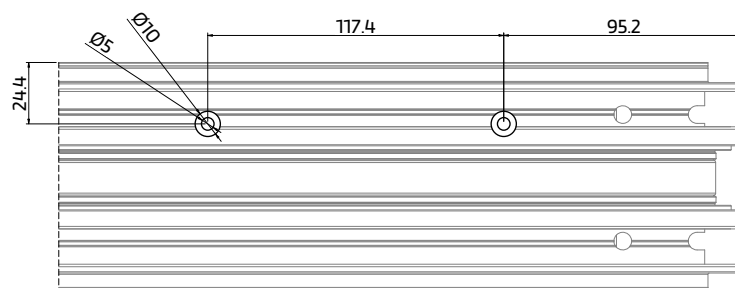
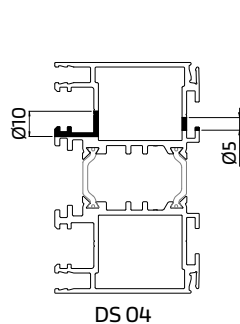
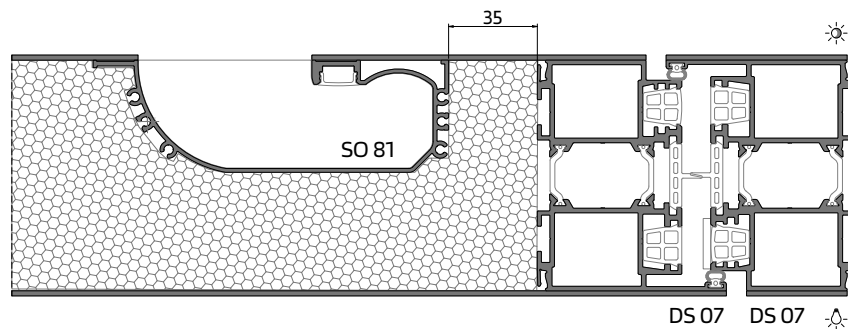
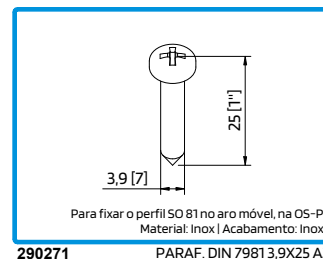
USINAGE POUR LA FIXATION DU PROFILÉ SO 81

Aros móveis

Mobile frames | Cadres ouvrants



Corte a 45°
45° Cut | Coupe à 45°



MAQUINAÇÃO PARA A FECHADURA 3 PONTOS M2 35mm

MACHINING FOR 3 POINTS M2 35mm LOCK

USINAGE POUR SERRURE 3 POINTS M2 35mm

PORTAS DE ABERTURA PARA INTERIOR E EXTERIOR

PARA TIPOLOGIAS COM DOBRADIÇA OCULTA E TIPOLOGIAS PIVOTANTES

INWARD AND OUTWARD OPENING DOORS - WITH CONCEALED HINGE

FOR TYPOLOGIES WITH CONCEALED HINGE AND PIVOTING TYPOLOGIES

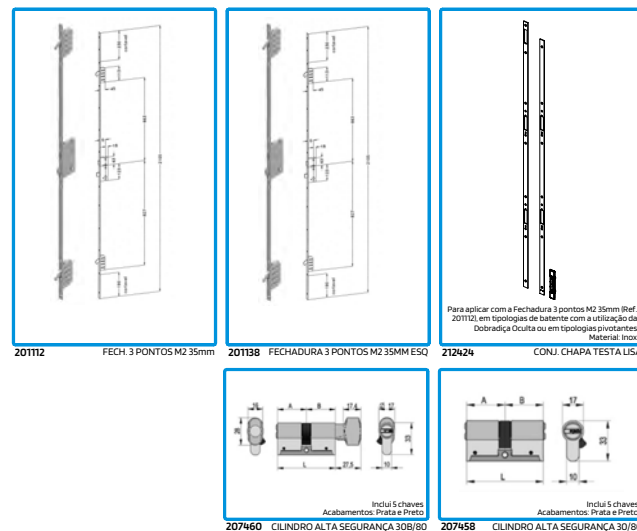
PORTES D'OUVERTURE VERS L'INTÉRIEUR ET L'EXTÉRIEUR

POUR LES TYPOLOGIES AVEC PAUMELLE CACHÉE ET LES TYPOLOGIES PIVOTANTES

Nota: Este pormenor exemplificativo é válido para as tipologias com vidro.

Note: This illustrative detail is valid for glass typologies

Note: Ce détail illustratif est valable pour les typologies de verre



IMPORTANTE | IMPORTANT | IMPORTANT:

A maquinação para aplicação da Fechadura tem de ser feita a partir da parte inferior do aro fixo:

The Lock must be machined from the bottom of the fixed frame and the mobile sash:

La Serrure doit être usinée à partir du bas du dormant et de l'ouvrant:

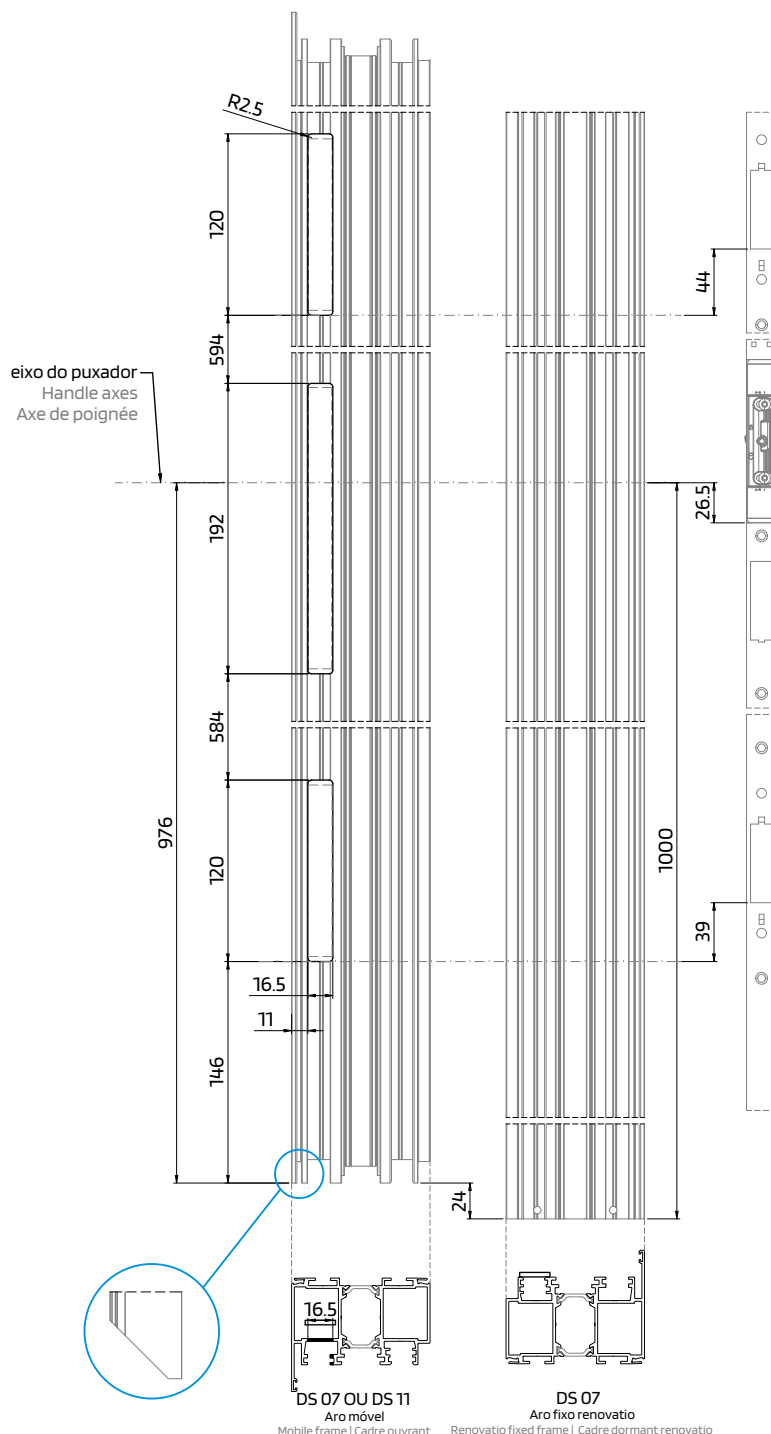
- As medidas estão calculadas para aplicação do cremone a **1000mm** de altura
The measurements are calculated for the handle application at a height of **1000mm**
Les mesures sont calculées pour une application de la crémone à une hauteur de **1000mm**
- Para **2000mm** de altura ou superior, a Fechadura de 3 pontos tem de ser cortada **143mm** em baixo e **195mm** em cima;
For **2000mm** high or higher, the 3-point lock must be cut **143mm** at the bottom and **195mm** at the top;
Pour **2000 mm** de haut ou plus, la serrure à 3 points doit être coupée à **143mm** en bas et à **195mm** en haut;
- Para **2100mm** de altura, a Fechadura de 3 pontos tem de ser cortada **143mm** em baixo **95mm** e em cima;
For **2100 mm** high, the 3-point lock must be cut **143mm** at the bottom **95mm** at the top;
Pour **2100 mm** de haut, la serrure à 3 points doit être coupée à **143mm** en bas et à **95mm** en haut;
- Para **2200mm** de altura, a Fechadura de 3 pontos tem de ser cortada **apena 143mm** em baixo.
For **2200 mm** high, the 3-point lock must be cut **only 143mm** at the bottom
Pour **2200 mm** de haut, la serrure à 3 points doit être coupée à **143mm** en bas

Corte do Conjunto chapa testa lisa (Ref. 212424):

Cut of the Stricking plate kit:

Découpe du kit de Gâche:

- Para **2000 mm** de altura ou superior, o Conjunto de chapa testa lisa tem de ser cortado **102mm** em baixo e **157mm** em cima;
For **2000mm** high or higher, the Stricking plate kit must be cut **102mm** at the bottom and **157mm** at the top;
Pour **2000 mm** de haut ou plus, le Kit de gâche doit être coupée à **102mm** en bas et à **157mm** en haut;
- Para **2100 mm** de altura, a fechadura de 3 pontos tem de ser cortada **102mm** em baixo **57mm** e em cima;
For **2100 mm** high, the Stricking plate kit must be cut **102mm** at the bottom **57mm** at the top;
Pour **2100 mm** de haut, le Kit de gâche doit être coupée à **102mm** en bas et à **57mm** en haut;
- Para **2200 mm** de altura, a fechadura de 3 pontos tem de ser cortada **só 102mm** em baixo.
For **2200 mm** high, the Stricking plate kit must be cut **only 102mm** at the bottom.
Pour **2200 mm** de haut, le Kit de gâche doit être coupée à **102mm** en bas.



MAQUINAÇÃO PARA A FECHADURA 3 PONTOS M2 35mm

MACHINING FOR 3 POINTS M2 35mm LOCK

USINAGE POUR SERRURE 3 POINTS M2 35mm

PORTA DE ABERTURA PARA INTERIOR E EXTERIOR

COM DOBRADIÇA DS 2D E DOBRADIÇA MECHANICA

INWARD AND OUTWARD OPENING DOOR

WITH DOOR HING DS 2L AND MECHANICAL HINGES

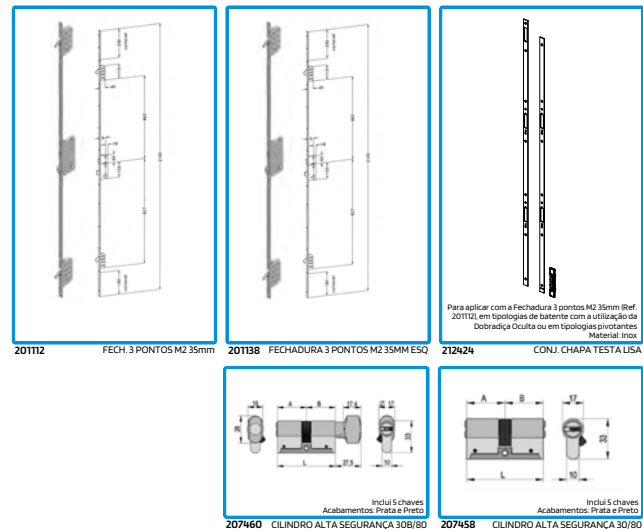
PORTE D'OUVERTURE VERS L'INTÉRIEUR ET L'EXTÉRIEUR

AVEC PAUMELLE PORTE DS 2L ET PAUMELLE MECHANICA

Nota: Este pormenor exemplificativo é válido para as tipologias com vidro.

Note: This illustrative detail is valid for glass types

Note: Ce détail illustratif est valable pour les types de verre



IMPORTANTE | IMPORTANT | IMPORTANT:

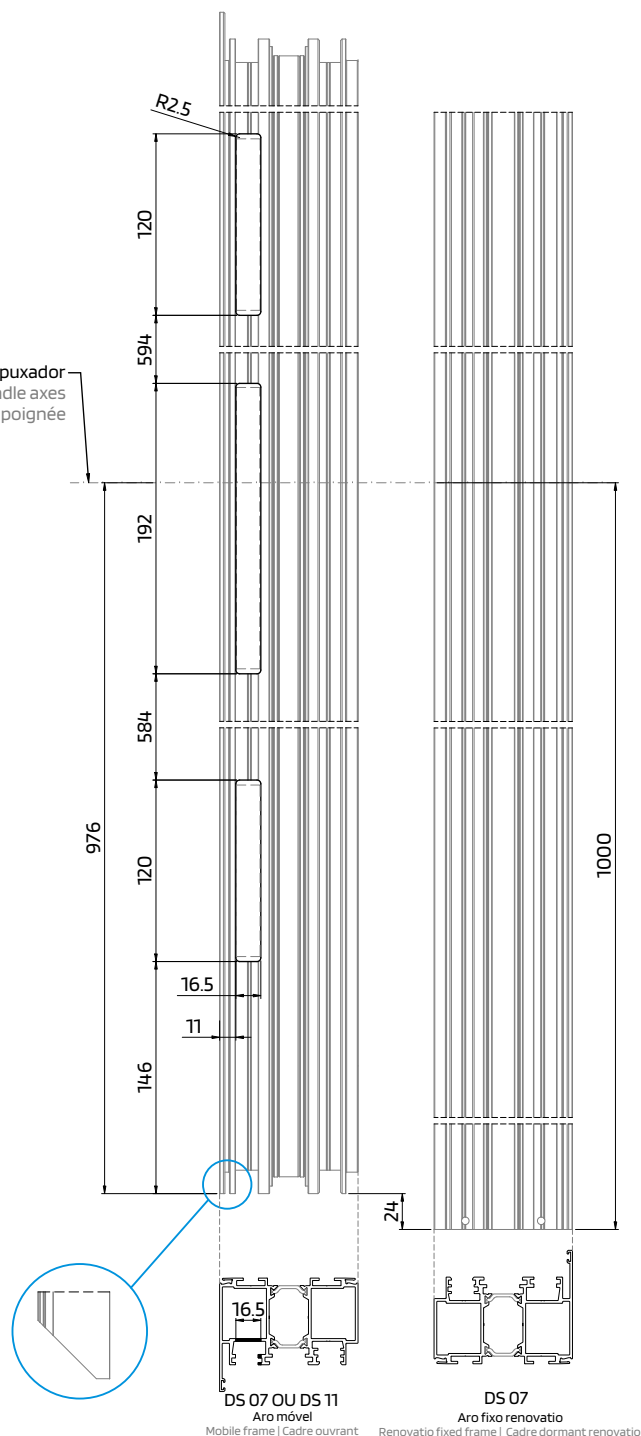
A maquinação para aplicação da fechadura tem de ser feita a partir da parte inferior do aro fixo e da folha móvel:

The lock must be machined from the bottom of the fixed frame and the mobile sash:

La serrure doit être usinée à partir du bas du dormant et de l'ouvrant:

- Para 2200 mm de altura ou superior, a fechadura de 3 pontos tem de ser cortada 145mm em baixo;
For 2200 mm high or higher, the 3-point lock must be cut 145mm at the bottom;
Pour 2200 mm de haut ou plus, la serrure à 3 points doit être coupée à 145 mm en bas;
- Para 2100 mm de altura, a fechadura de 3 pontos tem de ser cortada 95mm em baixo 145mm e em cima;
For 2100 mm high, the 3-point lock must be cut 95mm at the bottom 145mm at the top;
Pour 2100 mm de haut, la serrure à 3 points doit être coupée à 95 mm en bas et à 145 mm en haut;
- Para 2000 mm de altura, a fechadura de 3 pontos tem de ser cortada 195mm em baixo 145mm e em cima
For 2000 mm high, the 3-point lock must be cut 195mm at the bottom 145mm at the top
Pour 2000 mm de haut, la serrure à 3 points doit être coupée à 195 mm en bas et à 145 mm en haut.

eixo do puxador
Handle axes
Axe de poignée



MAQUINAÇÃO PARA A FECHADURA DE TRANCAS

MACHINING FOR BAR LOCK

USINAGE POUR SERRURE AVEC BARRES

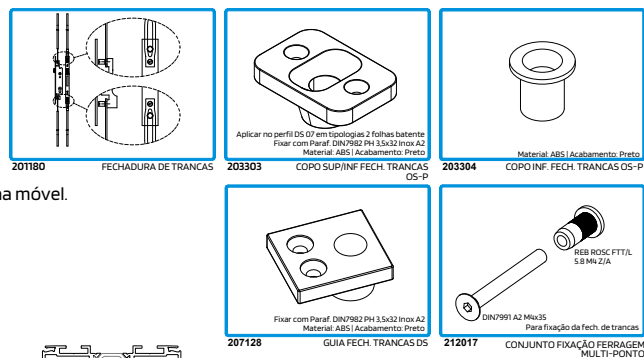
IMPORTANTE | IMPORTANT | IMPORTANT:

A maquinação para aplicação da fechadura tem de ser feita a partir da parte inferior da folha móvel.
The lock must be machined from the bottom of the mobile sash.
La serrure doit être usinée à partir du bas de l'ouvrant.

Nota: Este pormenor exemplificativo é válido para as tipologias com vidro.

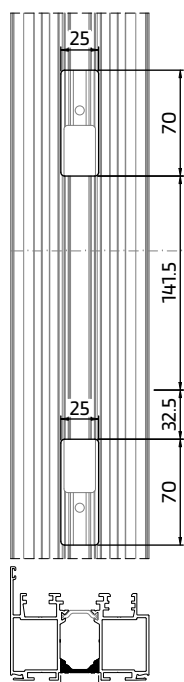
Note: This illustrative detail is valid for glass types

Note: Ce détail illustratif est valable pour les types de verre



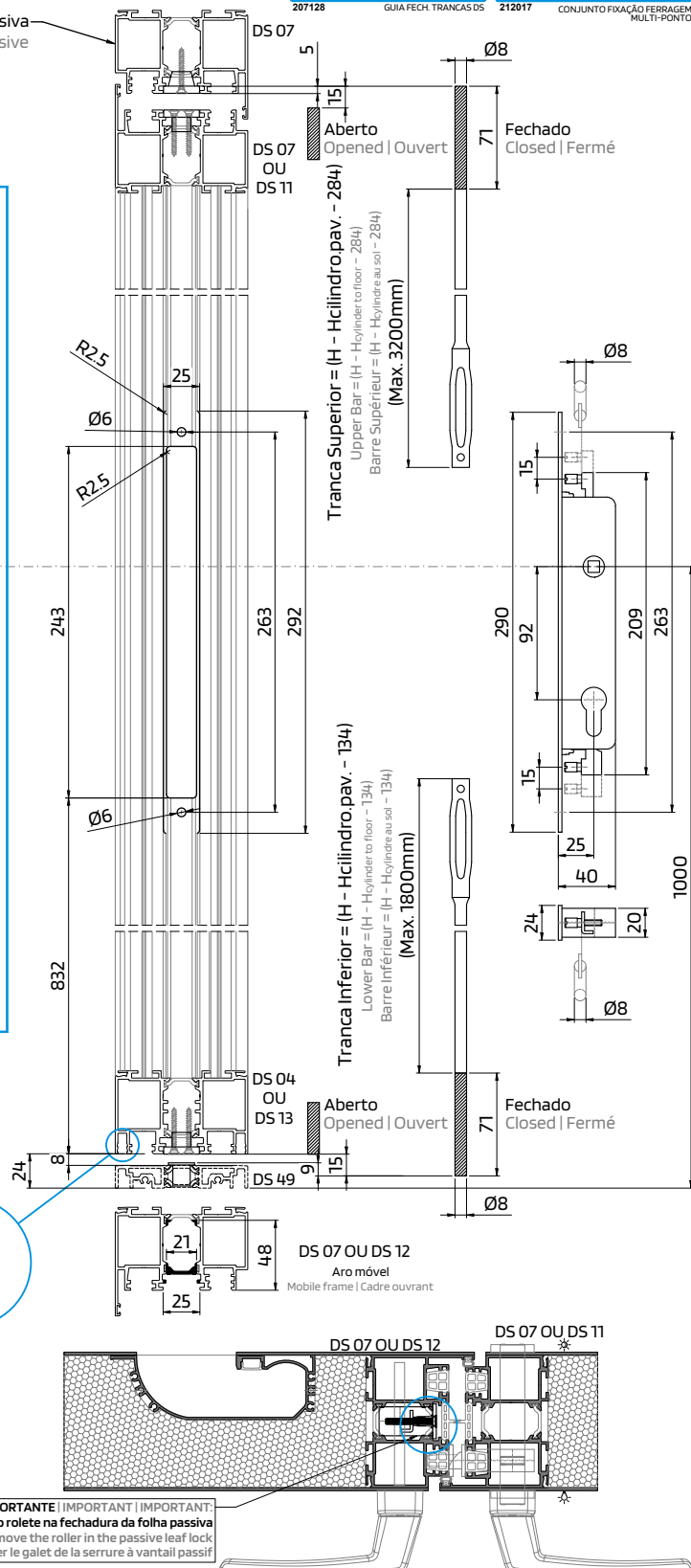
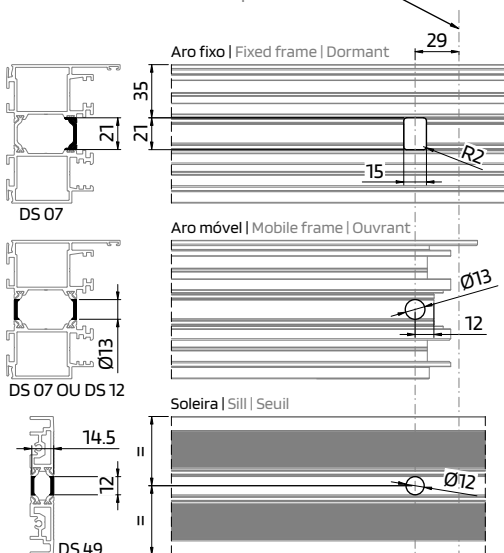
Folha passiva
Passive sash | Vantail passivé

Maquinação suplementar para aperto das trancas
Additional machining for Tightening the bars
Usinage supplémentaire pour le serrage des barres

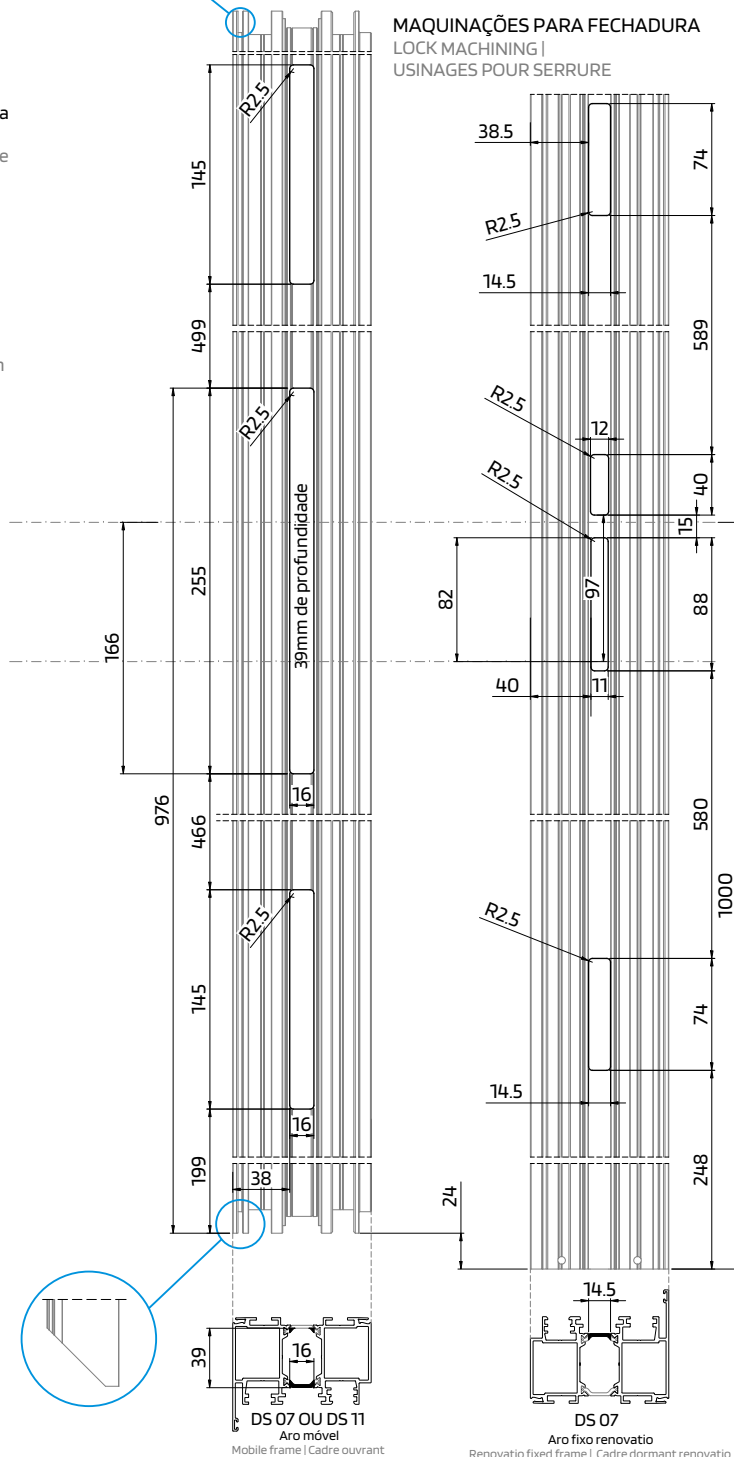
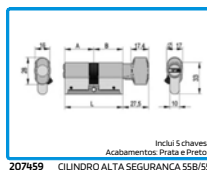


DS 07 OU DS 12

Centro do vão
Centre of the span
Centre de la portée



IMPORTANTE | IMPORTANT | IMPORTANT:
Necessário remover o rolete na fechadura da folha passiva
Need to remove the roller in the passive leaf lock
Il faut retirer le galet de la serrure à vantail passif



- 2100 mm de altura, a fechadura de 3 pontos tem de ser cortada 70mm em cima
2100 mm high, the 3-point lock has to be cut 70mm at the top
2100 mm de hauteur, la serrure à 3 points doit être coupée à 70 mm en haut.
- 2000 mm de altura, a fechadura de 3 pontos tem de ser cortada 170mm em cima
2000 mm high, the 3-point lock has to be cut 170mm at the top
2000 mm de hauteur, la serrure à 3 points doit être coupée à 170 mm en haut.

MAQUINAÇÕES PARA PUXADORES DE PORTA CUBIC

CUBIC DOOR HANDLE MACHINING

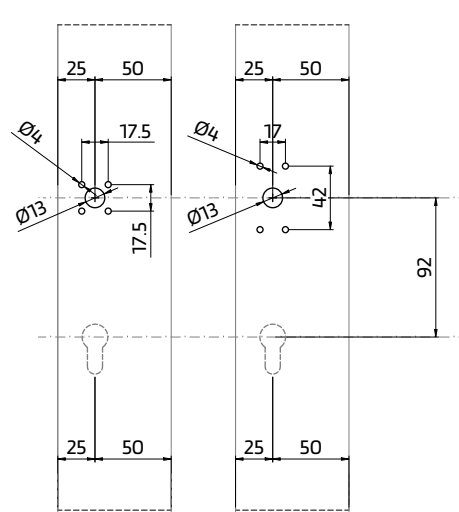
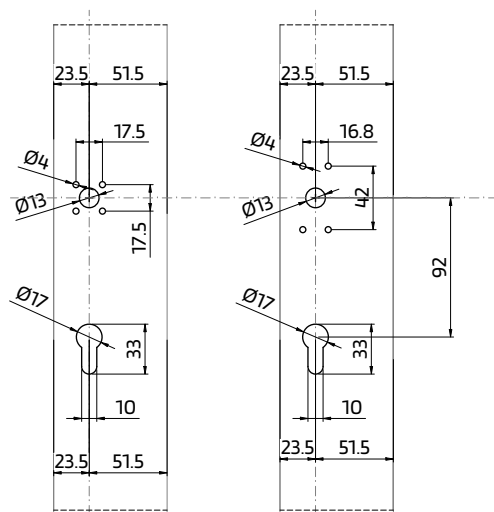
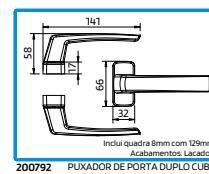
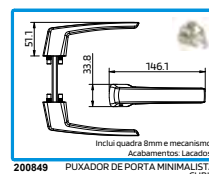
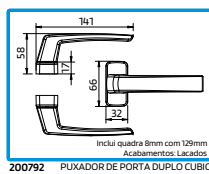
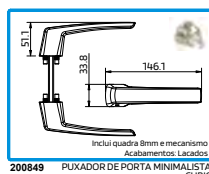
USINAGES POUR POIGNÉE DE PORTE CUBIC

FECHADURA 3 PONTOS M2 35mm | 3 POINTS M2 35mm LOCK | SERRURE 3 POINTS M2 35mm

Para aplicar com | To apply with the | Pour appliquer avec:

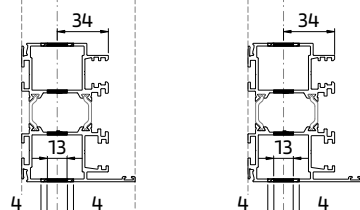
FECHADURA 3 PONTOS M2 35mm | 3 POINTS M2 35mm LOCK | SERRURE 3 POINTS M2 35mm

FECHADURA 3 PONTOS 7799X35 | 3 POINTS 7799x35 LOCK | SERRURE 3 POINTS 7799x35



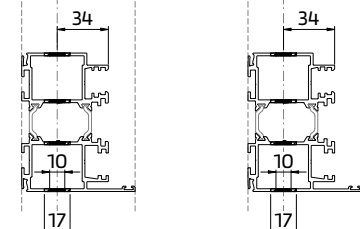
Furações para Puxadores
Handles drillings
Trous des poignées

DS 07 OU DS 11



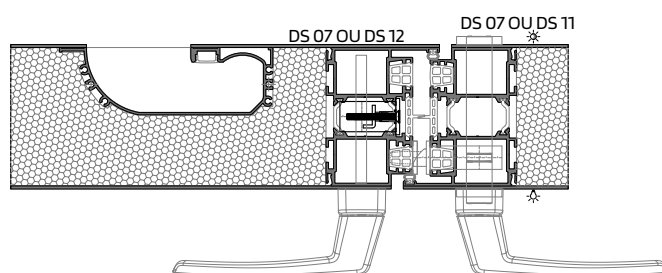
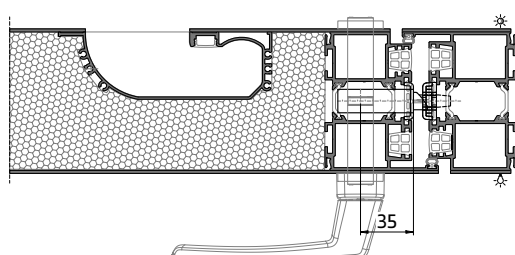
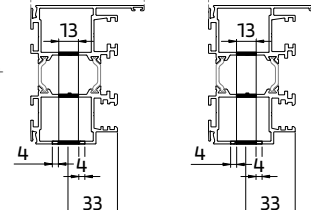
Furações para Cilindro
Cylinder holes
Trous pour cylindres

DS 07 OU DS 11



Furações para
Puxadores + Quadra
Handles drillings +
Square rod
Trous des poignées +
Tige carré

DS 07 OU DS 12



VI

MONTAGENS
ASSEMBLIES
ASSEMBLAGES

Perfis
Profiles
Profilés

VI.1

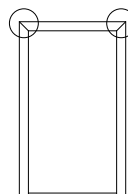
Ferragens e acessórios
Hardware and accessories
Ferrures et accessoires

VI.2

MONTAGEM DE PERFIS - APLICAÇÃO DE ESQUADROS EM AROS FIXOS
PROFILES ASSEMBLY - CORNER CLEATS APPLICATION IN FIXED FRAMES
ASSEMBLAGE DES PROFILÉS - APPLICATION D'ÉQUERRRES SUR LES DORMANTS

Aros fixos

Fixed frames | Cadres fixes

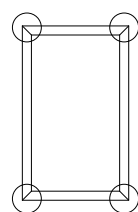
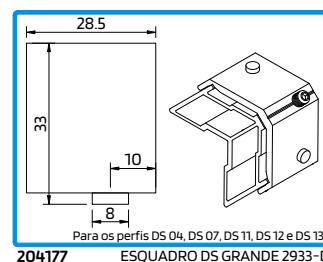
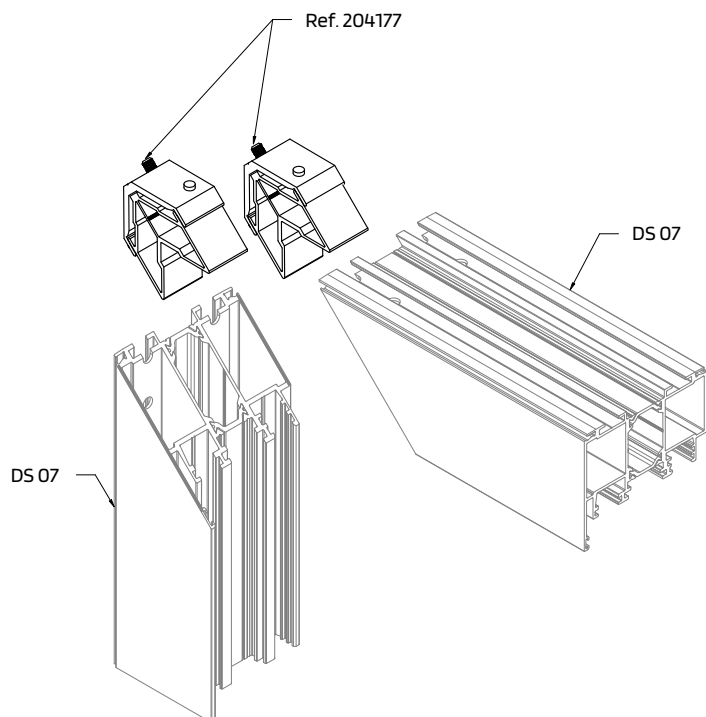


Corte a 45°

45° Cut | Coupe à 45°

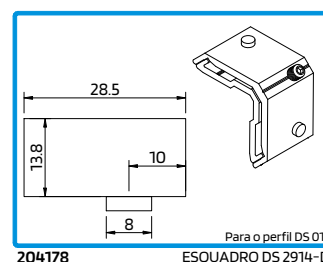
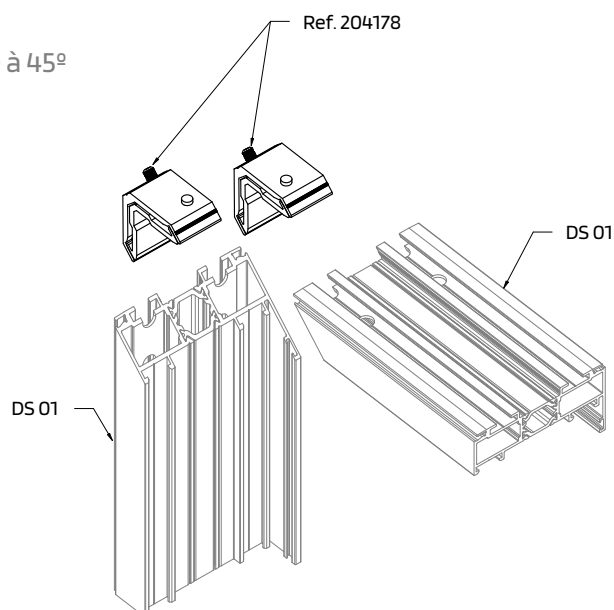
SELAR AS ESQUADRIAS COM COLA E VEDA

SEAL THE MITER JOINTS WITH SEALANT
SCELLER LES CHANFRAINS AVEC MASTIC



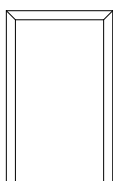
Corte a 45°

45° Cut | Coupe à 45°

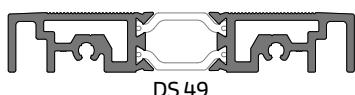


MONTAGEM DE PERFIS E ACESSÓRIOS NO ARO FIXO - TIPOLOGIAS DE BATENTE
ASSEMBLY OF PROFILES AND ACCESSORIES IN THE FIXED FRAME- **SIDE-HINGED TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS ET DES ACCESSOIRES DANS LE CADRE FIXE - **TIPOLOGIES À BATTANT**

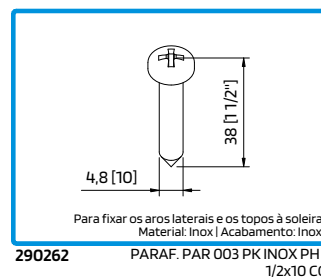
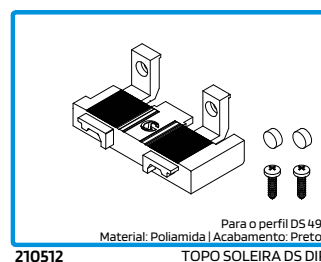
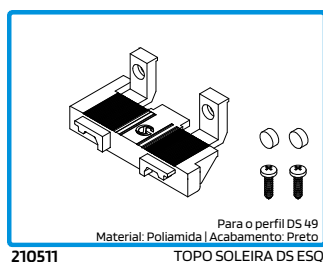
Aros fixos
Fixed frames | Cadres fixes



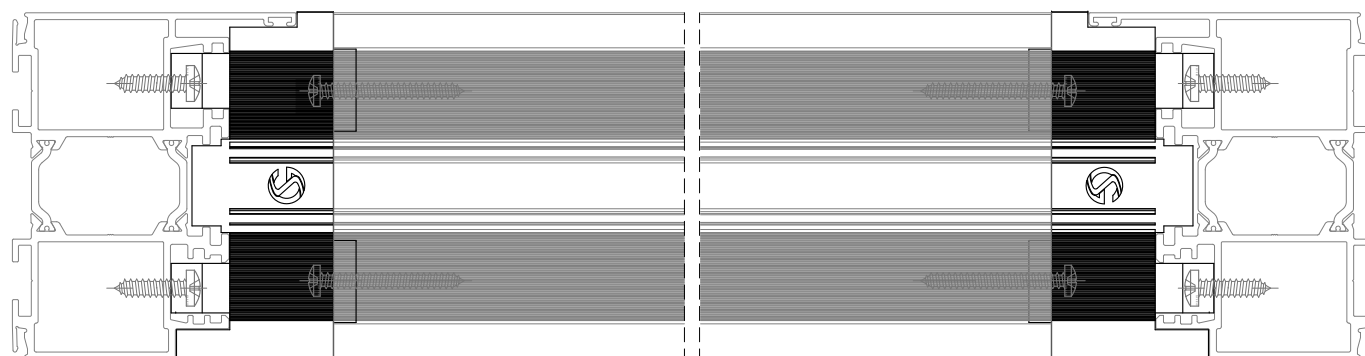
Corte a 45°
45° Cut
Coupe à 45°



DS 49



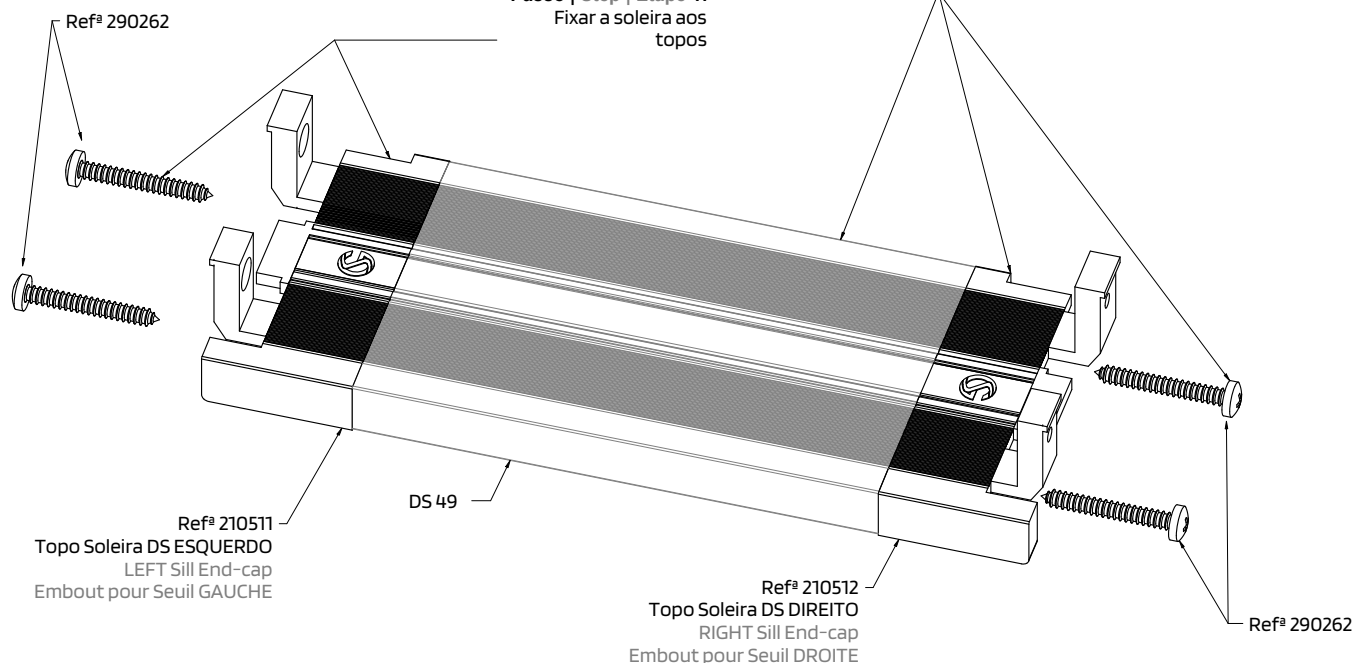
Tipologias de batente | Side-hinged typologies | Typologies à battant



Refª 210511
Topo Soleira DS ESQUERDO
LEFT Sill End-cap
Embout pour Seuil GAUCHE

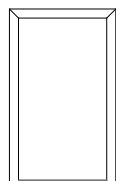
Refª 210512
Topo Soleira DS DIREITO
RIGHT Sill End-cap
Embout pour Seuil DROITE

Passo | Step | Étape 1:
Fixar a soleira aos topos



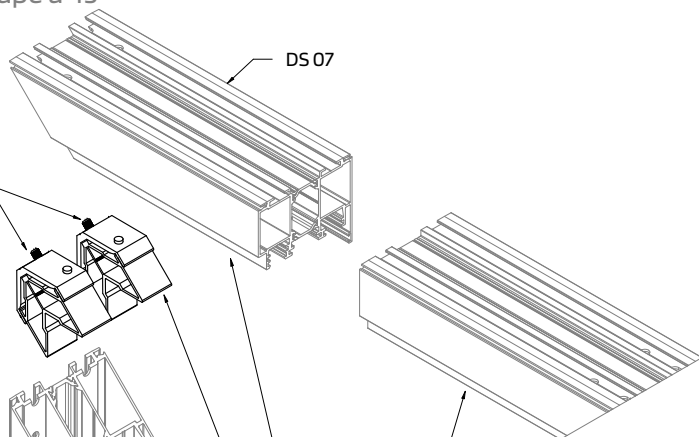
MONTAGEM DE PERFIS E ACESSÓRIOS NO ARO FIXO - TIPOLOGIAS DE BATENTE
ASSEMBLY OF PROFILES AND ACCESSORIES IN THE FIXED FRAME- **SIDE-HINGED TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS ET DES ACCESSOIRES DANS LE CADRE FIXE - **TYPOLGIES À BATTANT**

Aros fixos
Fixed frames | Cadres fixes



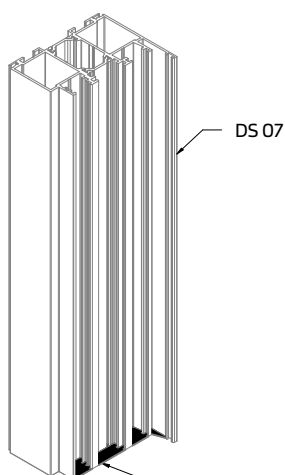
Corte a 45°
45° Cut | Coupe à 45°

Ref. 204177

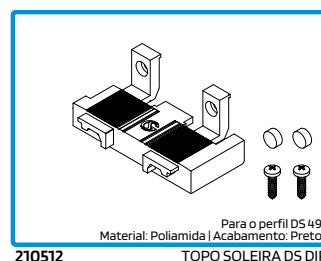
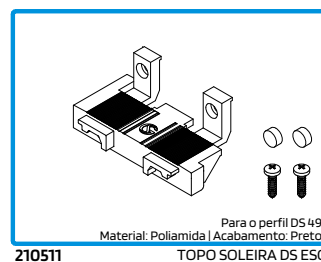
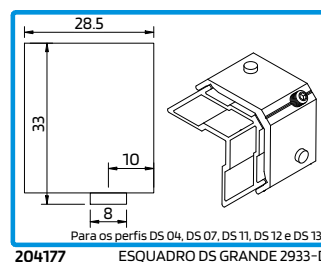
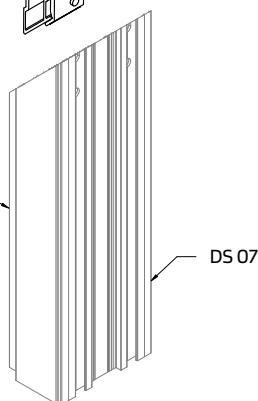


Passo | Step | Étape 2:

Fixar a padieira às ombreiras com os esquadros de aperto
Fix the lintel to the jambs with the corner cleats
Fixer le pied de lit aux jambages à l'aide des équerres

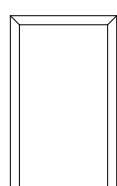


SILICONE NEUTRO
NEUTRAL SILICONE
SILICONE NEUTRE

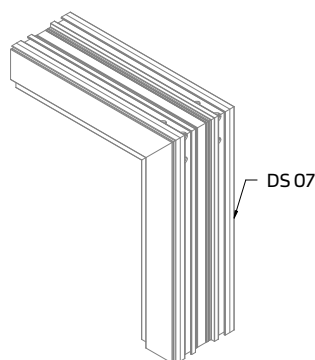
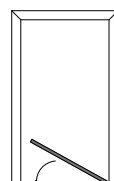
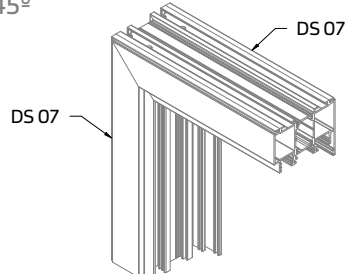


MONTAGEM DE PERFIS E ACESSÓRIOS NO ARO FIXO - TIPOLOGIAS DE BATENTE
ASSEMBLY OF PROFILES AND ACCESSORIES IN THE FIXED FRAME - **SIDE-HINGED TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS ET DES ACCESSOIRES DANS LE CADRE FIXE - **TYPOLOGIES À BATTANT**

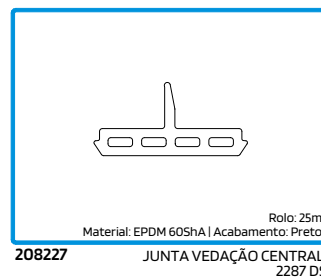
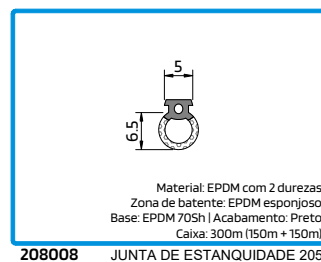
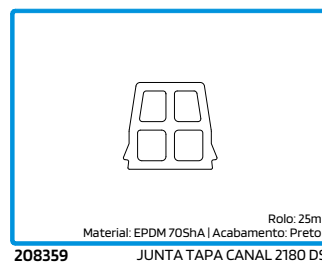
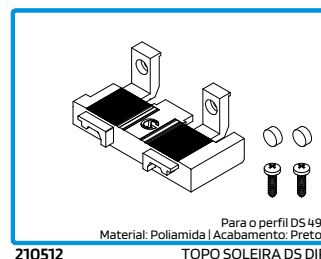
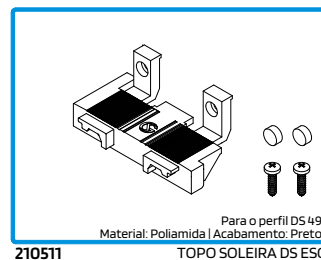
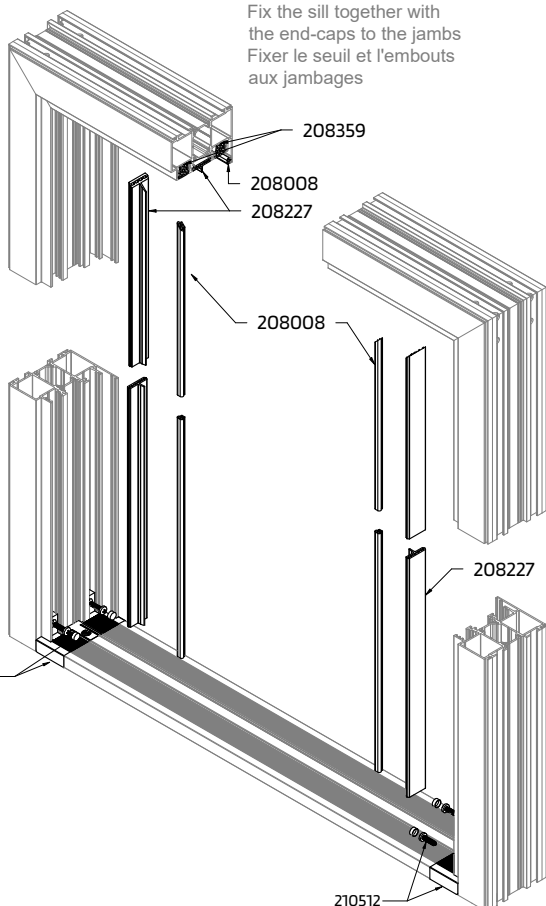
Aros fixos
Fixed frames | Cadres fixes



Corte a 45°
45° Cut
Coupe à 45°

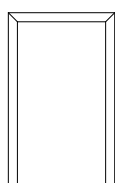


Passo | Step | Étape 3:
Fixar a soleira juntamente com os topos às ombreiras
Fix the sill together with the end-caps to the jambs
Fixer le seuil et l'embouts aux jambages

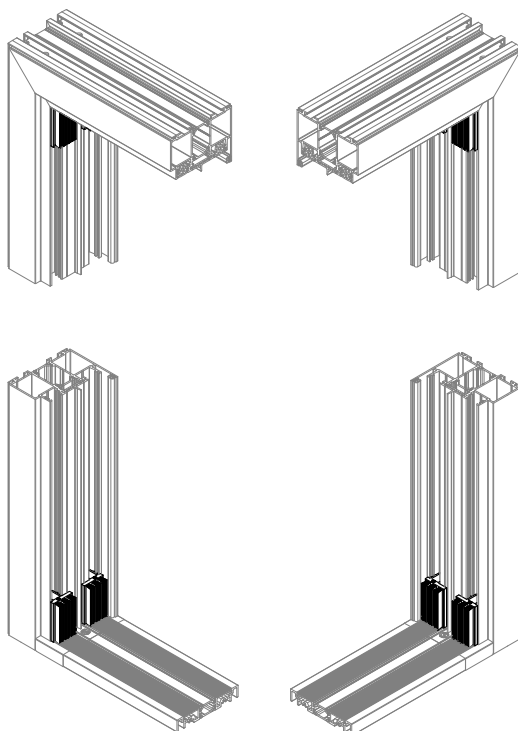
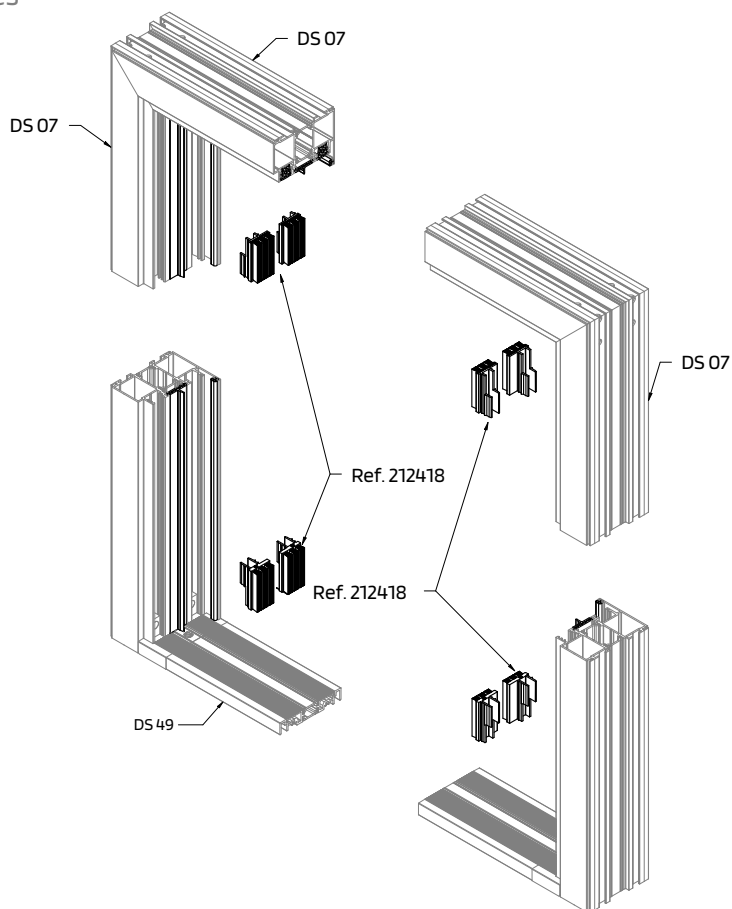


MONTAGEM DE PERFIS E ACESSÓRIOS NO ARO FIXO - TIPOLOGIAS DE BATENTE
ASSEMBLY OF PROFILES AND ACCESSORIES IN THE FIXED FRAME- **SIDE-HINGED TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS ET DES ACCESSOIRES DANS LE CADRE FIXE - **TIPOLOGIES À BATTANT**

Aros fixos
Fixed frames | Cadres fixes

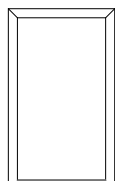


Corte a 45°
45° Cut
Coupe à 45°

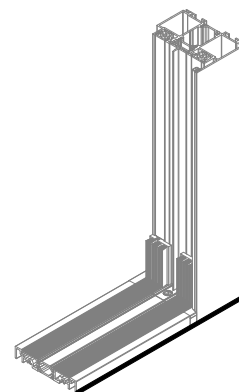
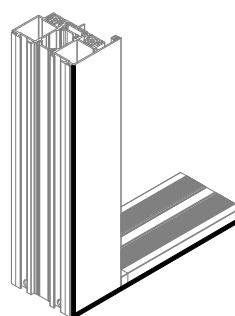
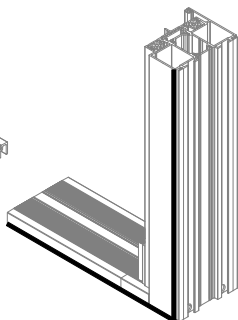
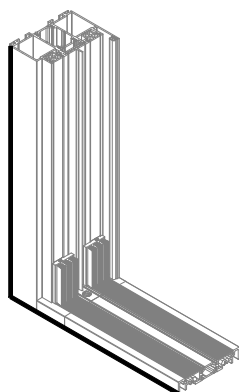
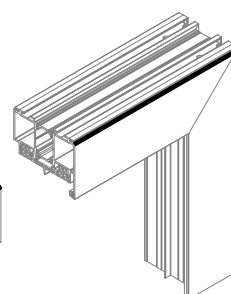
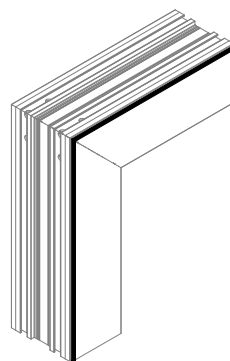
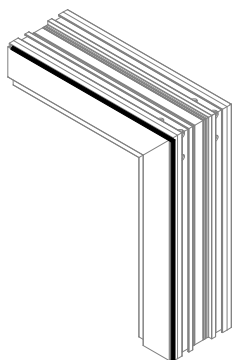
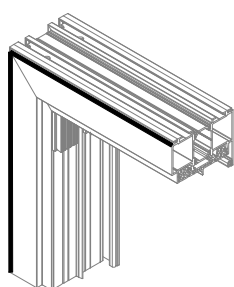
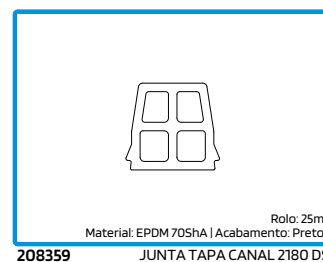
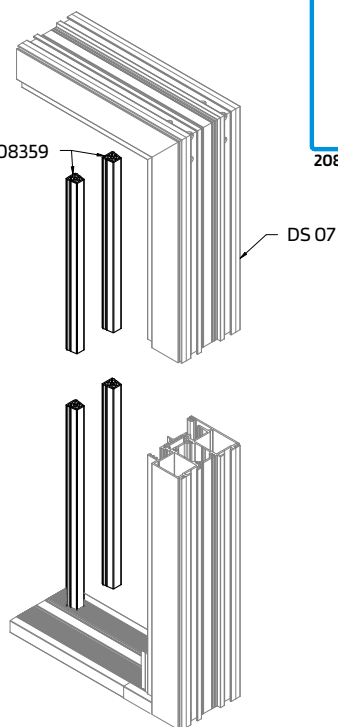
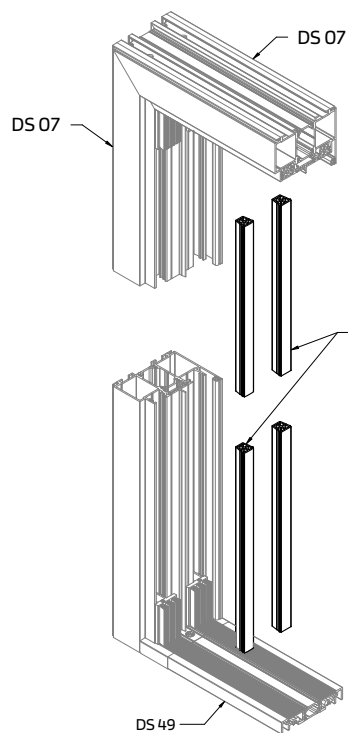


MONTAGEM DE PERFIS E ACESSÓRIOS NO ARO FIXO - TIPOLOGIAS DE BATENTE
ASSEMBLY OF PROFILES AND ACCESSORIES IN THE FIXED FRAME - **SIDE-HINGED TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS ET DES ACCESSOIRES DANS LE CADRE FIXE - **TIPOLOGIES À BATTANT**

Aros fixos
Fixed frames | Cadres fixes



Corte a 45°
45° Cut
Coupe à 45°



vista interior

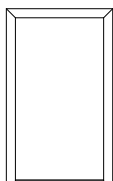
vista exterior

IMPORTANTE | IMPORTANT | IMPORTANT:

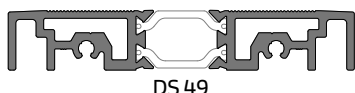
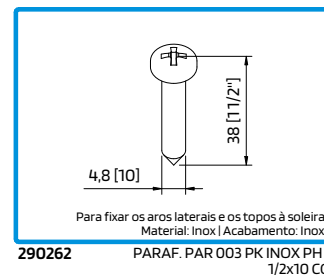
Encher as câmaras com silicone antes de fixar a soleira às ombreiras. Aplicar silicone à cor do perfil ou silicone neutro na zona das esquadrias.
Fill the chambers with silicone before fixing the sill to the jambs. Apply silicone in the colour of the profile or neutral silicone in the corner area
Remplir les chambres de silicone avant de fixer le seuil aux jambages. Appliquer du silicone à la couleur du profilé ou du silicone neutre dans la zone des cadres.

MONTAGEM DE PERFIS E ACESSÓRIOS NO ARO FIXO - TIPOLOGIAS DE BATENTE
ASSEMBLY OF PROFILES AND ACCESSORIES IN THE FIXED FRAME- **SIDE-HINGED TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS ET DES ACCESSOIRES DANS LE CADRE FIXE - **TYPLOGIES À BATTANT**

Aros fixos
Fixed frames | Cadres fixes



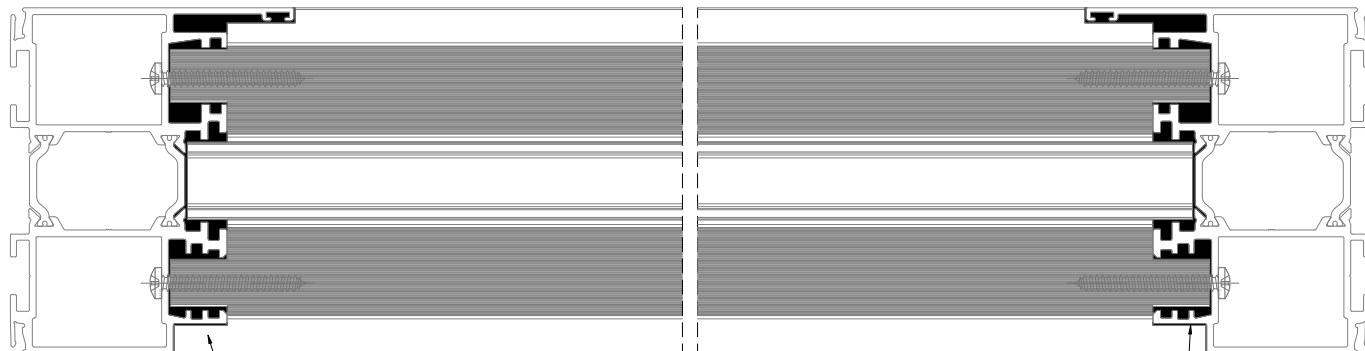
Corte a 45°
45° Cut
Coupe à 45°



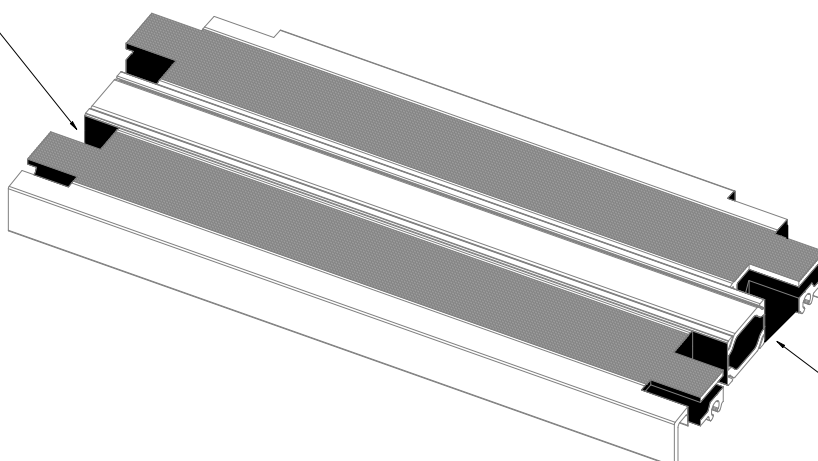
DS 49

Nota: Estas operações só se aplicam caso queira fixar a soleira diretamente às ombreiras.
Note: This operations only applies if you want to attach the sill directly to the jambs.
Note: Cettes opérations s'applique uniquement si vous souhaitez fixer le seuil directement sur les montants.

Tipologias de batente | Side-hinged typologies | Typologies à battant



SILICONE NEUTRO
NEUTRAL SILICONE
SILICONE NEUTRE



SILICONE NEUTRO
NEUTRAL SILICONE
SILICONE NEUTRE



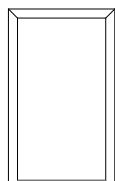
IMPORTANTE | IMPORTANT | IMPORTANT:

Encher as câmaras com silicone antes de fixar a soleira às ombreiras. Aplicar silicone à cor do perfil ou silicone neutro na zona das esquadrias.
Fill the chambers with silicone before fixing the sill to the jambs. Apply silicone in the colour of the profile or neutral silicone in the corner area
Remplir les chambres de silicone avant de fixer le seuil aux jambages. Appliquer du silicone à la couleur du profilé ou du silicone neutre dans la zone des cadres.

MONTAGEM DE PERFIS E ACESSÓRIOS NO ARO FIXO - TIPOLOGIAS DE BATENTE
ASSEMBLY OF PROFILES AND ACCESSORIES IN THE FIXED FRAME- **SIDE-HINGED TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS ET DES ACCESSOIRES DANS LE CADRE FIXE - **TIPOLOGIES À BATTANT**

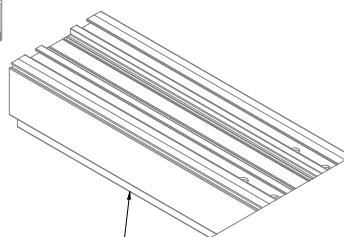
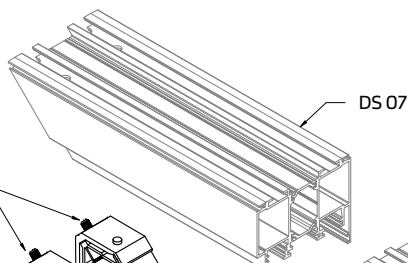
Aros fixos

Fixed frames | Cadres fixes

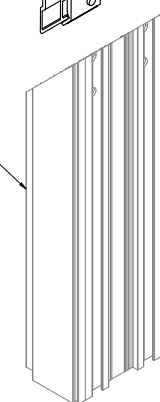


Corte a 45°
45° Cut | Coupe à 45°

Ref. 204177

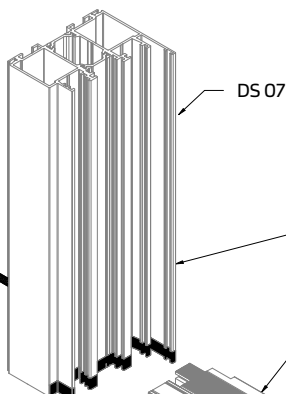


Ref. 204177



Passo | Step | Étape 3:

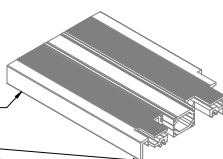
Fixar a padieira às ombreiras com os esquadros de aperto
Fix the lintel to the jambs with the corner cleats
Fixer le pied de lit aux jambages à l'aide des équerres



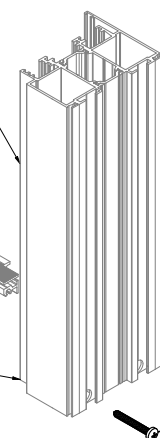
Ref. 290262

Passo | Step | Étape 1:
Colocar silicone neutro
Mettre du silicone neutre
Apply neutral silicone

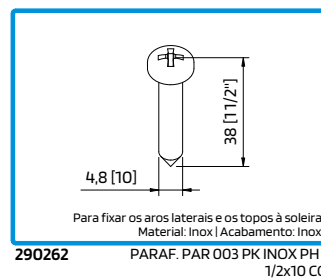
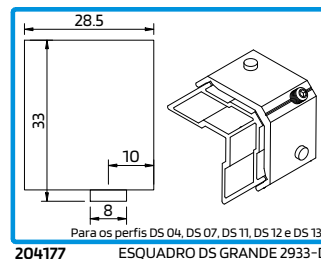
DS 49



Passo | Step | Étape 2:
Fixar a soleira às ombreiras
Fix the sill with the jambs
Fixer le seuil aux jambages

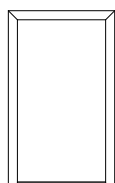


Ref. 290262

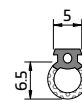
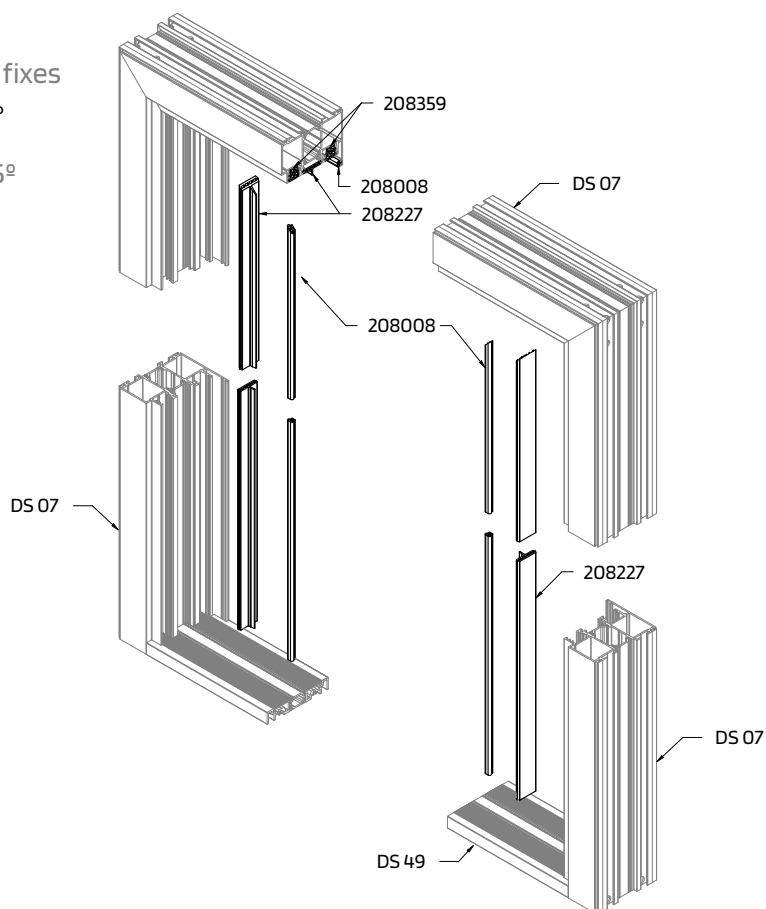


MONTAGEM DE PERFIS E ACESSÓRIOS NO ARO FIXO - TIPOLOGIAS DE BATENTE
ASSEMBLY OF PROFILES AND ACCESSORIES IN THE FIXED FRAME- **SIDE-HINGED TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS ET DES ACCESSOIRES DANS LE CADRE FIXE - **TIPOLOGIES À BATTANT**

Aros fixos
Fixed frames | Cadres fixes

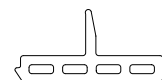


Corte a 45°
45° Cut
Coupe à 45°



Material: EPDM com 2 durezas
Zona de batente: EPDM esponjoso
Base: EPDM 70Sh | Acabamento: Preto
Caixa: 300m (150m + 150m)

208008 JUNTA DE ESTANQUIDADE 2051



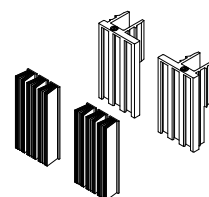
Rolo: 25m
Material: EPDM 60ShA | Acabamento: Preto

208227 JUNTA VEDAÇÃO CENTRAL 2287 DS

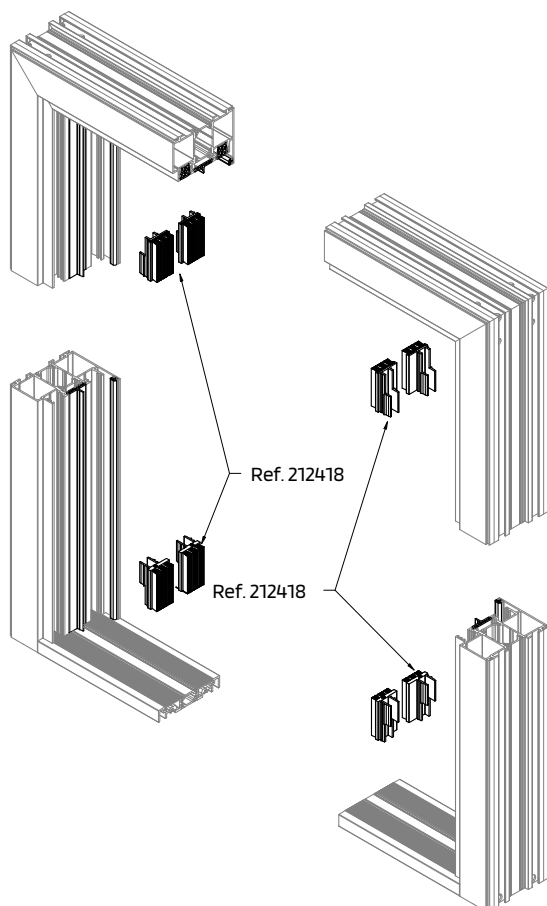


Rolo: 25m
Material: EPDM 70ShA | Acabamento: Preto

208359 JUNTA TAPA CANAL 2180 DS

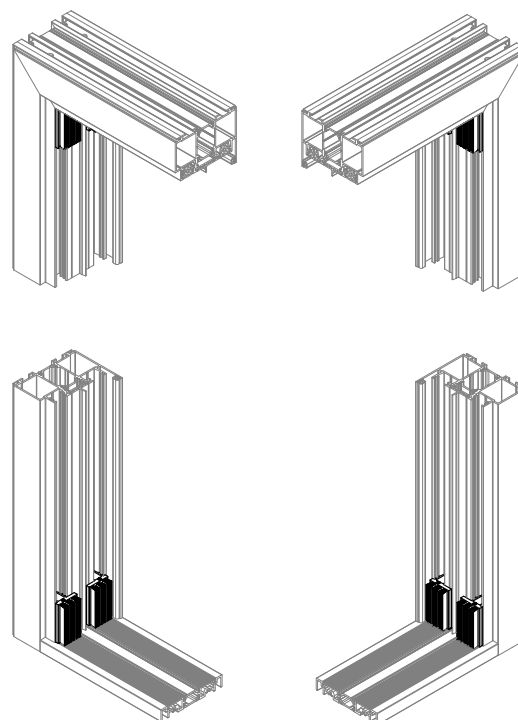


212418 CONJ. TOPOS ARO FIXO DS



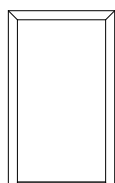
Ref. 212418

Ref. 212418

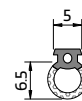
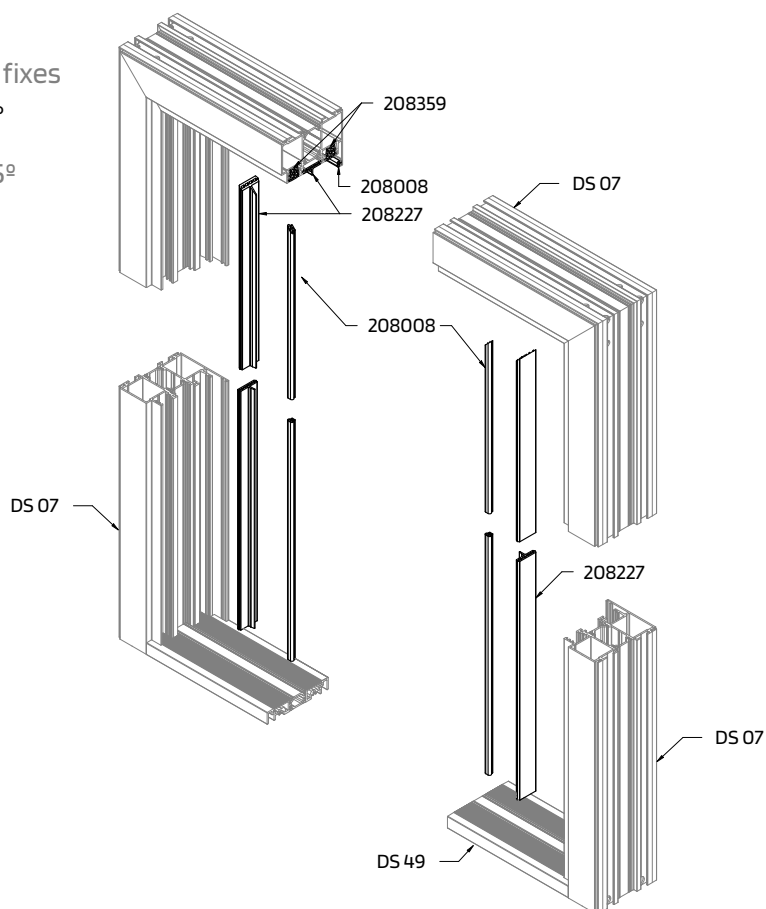


MONTAGEM DE PERFIS E ACESSÓRIOS NO ARO FIXO - TIPOLOGIAS DE BATENTE
ASSEMBLY OF PROFILES AND ACCESSORIES IN THE FIXED FRAME- **SIDE-HINGED TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS ET DES ACCESSOIRES DANS LE CADRE FIXE - **TIPOLOGIES À BATTANT**

Aros fixos
Fixed frames | Cadres fixes

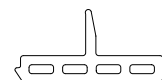


Corte a 45°
45° Cut
Coupe à 45°



Material: EPDM com 2 durezas
Zona de batente: EPDM esponjoso
Base: EPDM 70Sh | Acabamento: Preto
Caixa: 300m (150m + 150m)

208008 JUNTA DE ESTANQUIDADE 2051



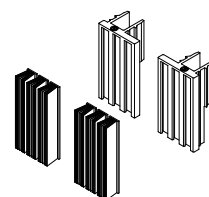
Rolo: 25m
Material: EPDM 60ShA | Acabamento: Preto

208227 JUNTA VEDAÇÃO CENTRAL 2287 DS

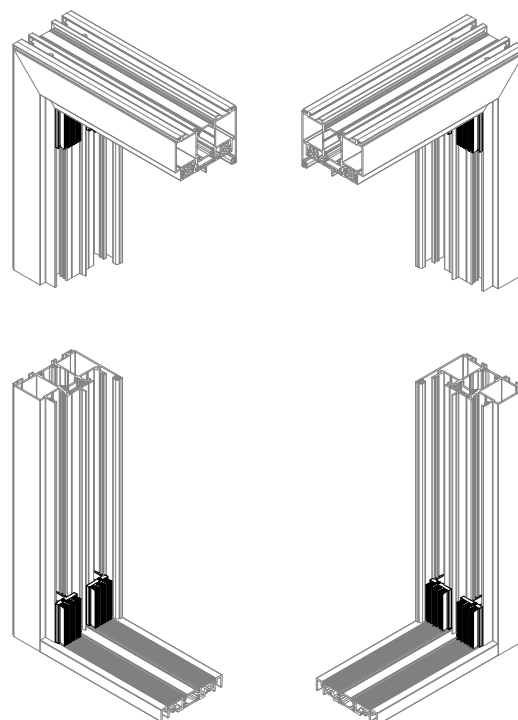
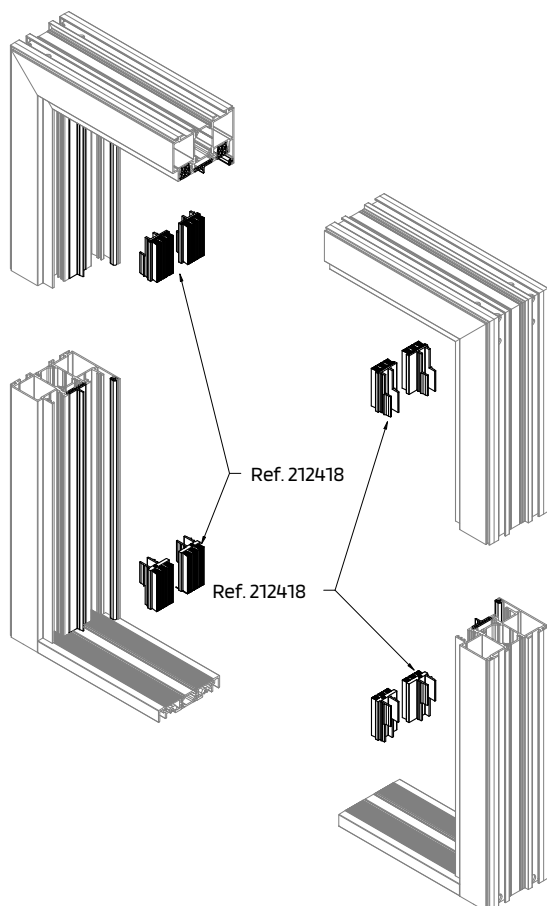


Rolo: 25m
Material: EPDM 70ShA | Acabamento: Preto

208359 JUNTA TAPA CANAL 2180 DS

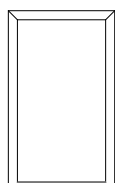


212418 CONJ. TOPOS ARO FIXO DS

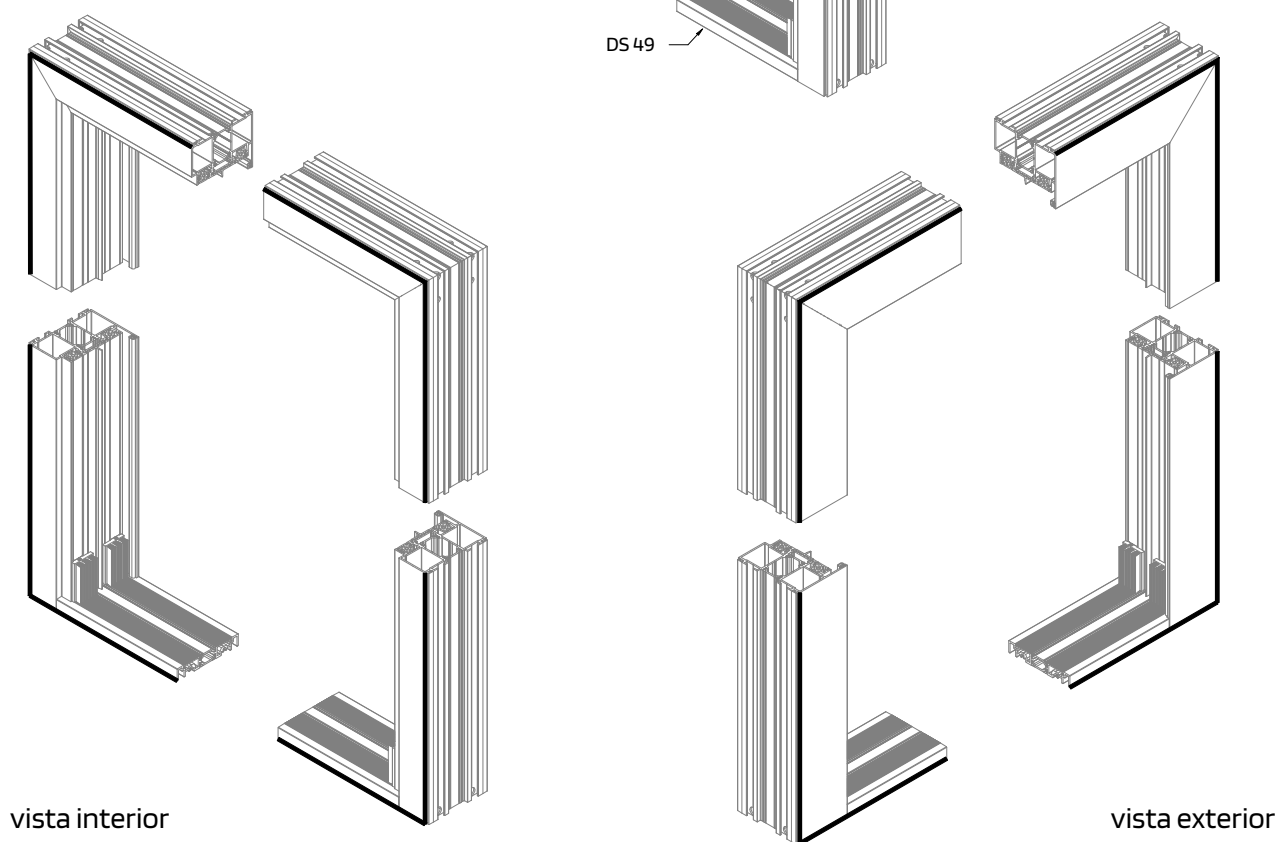
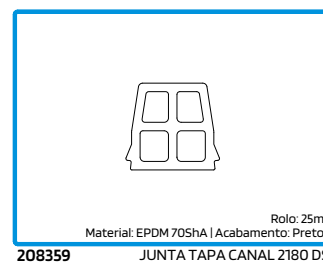
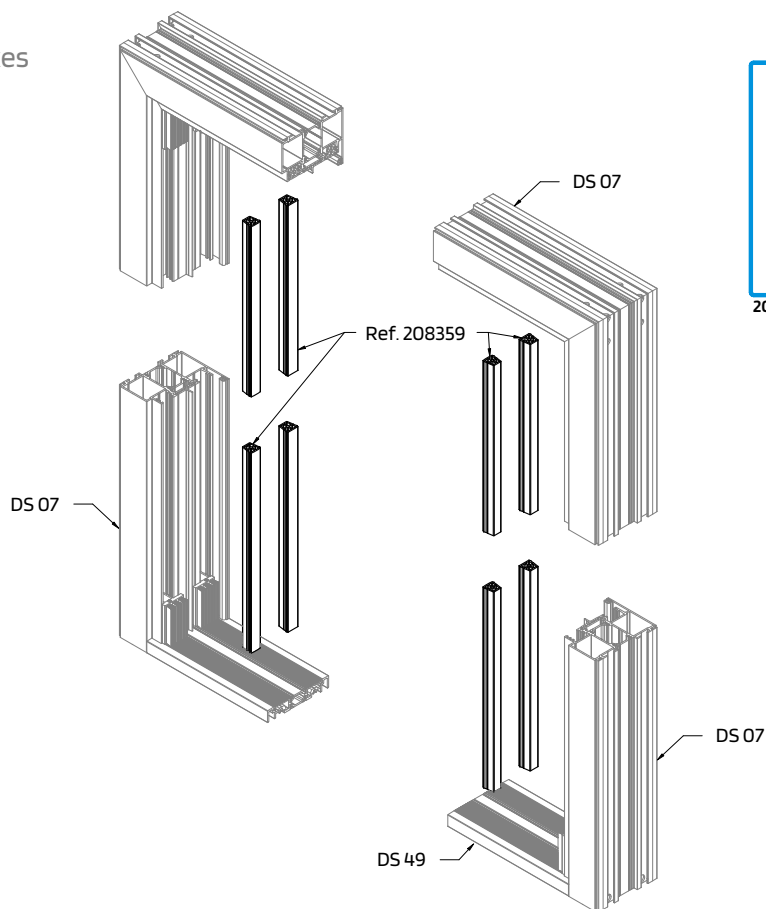


MONTAGEM DE PERFIS E ACESSÓRIOS NO ARO FIXO - TIPOLOGIAS DE BATENTE
ASSEMBLY OF PROFILES AND ACCESSORIES IN THE FIXED FRAME- **SIDE-HINGED TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS ET DES ACCESSOIRES DANS LE CADRE FIXE - **TIPOLOGIES À BATTANT**

Aros fixos
Fixed frames | Cadres fixes



Corte a 45°
45° Cut
Coupe à 45°



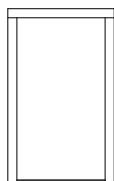
IMPORTANTE | IMPORTANT | IMPORTANT:

Encher as câmaras com silicone antes de fixar a soleira às ombreiras. Aplicar silicone à cor do perfil ou silicone neutro na zona das esquadrias.
Fill the chambers with silicone before fixing the sill to the jambs. Apply silicone in the colour of the profile or neutral silicone in the corner area
Remplir les chambres de silicone avant de fixer le seuil aux jambages. Appliquer du silicone à la couleur du profilé ou du silicone neutre dans la zone des cadres.

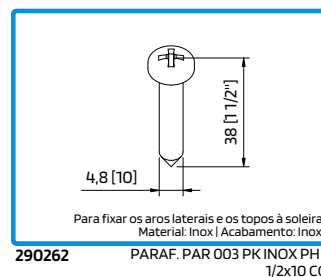
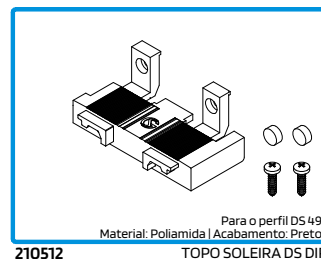
MONTAGEM DE PERFIS - APLICAÇÃO DOS TOPOS NO PERFIL DE SOLEIRA - TIPOLOGIAS PIVOTANTES
PROFILES ASSEMBLY - END-CAPS APPLICATION TO THE SILL PROFILE - **PIVOTING TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS - APPLICATION D'EMBOUTS DANS LES SEUILS - **TYPOLOGIES PIVOTANTES**

Aros fixos

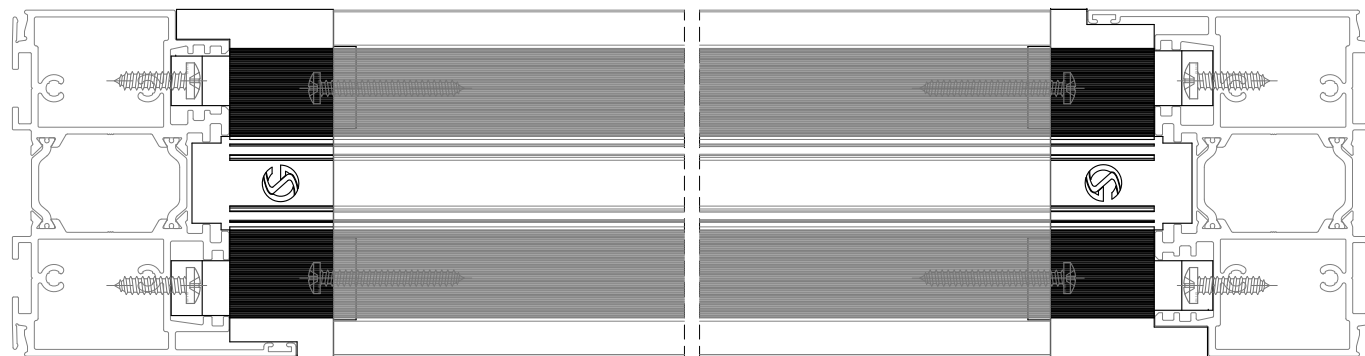
Fixed frames | Cadres fixes



Corte a 90°
90° Cut
Coupe à 90°

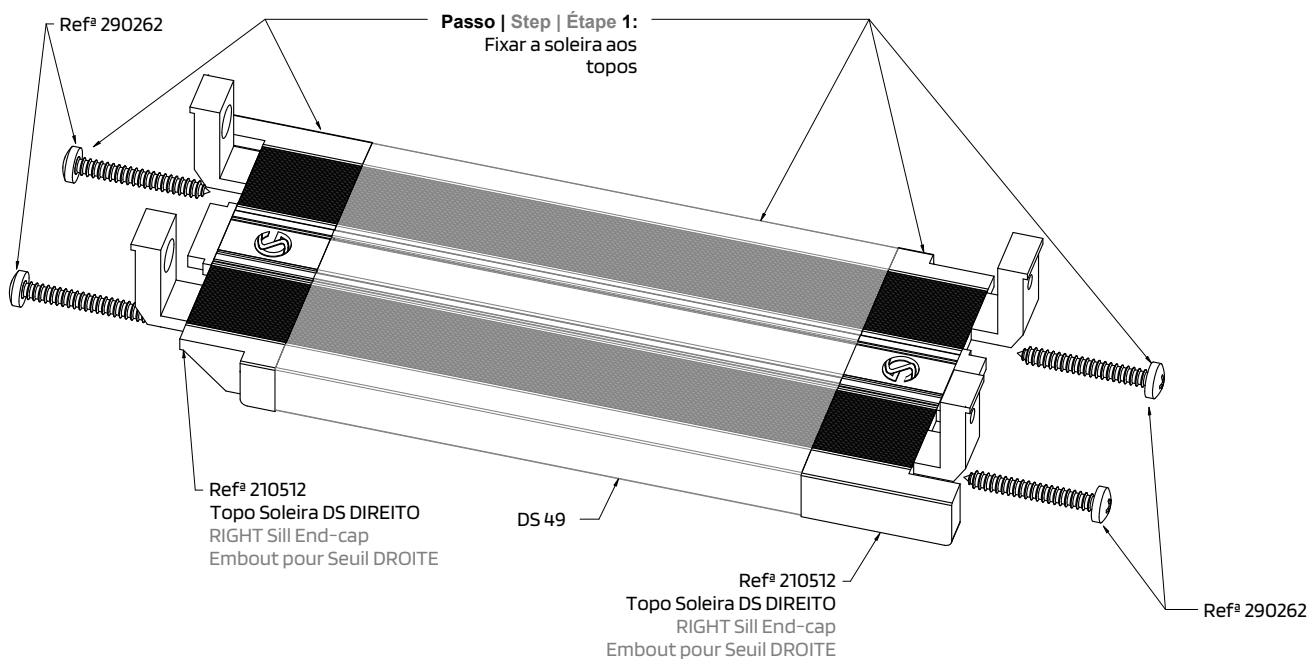


Tipologias pivotantes | Pivoting typologies | Typologies à pivotante



Refª 210512
Topo Soleira DS DIREITO
RIGHT Sill End-cap
Embout pour Seuil DROITE

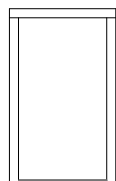
Refª 210512
Topo Soleira DS DIREITO
RIGHT Sill End-cap
Embout pour Seuil DROITE



MONTAGEM DE PERFIS - APLICAÇÃO DOS TOPOS NO PERFIL DE SOLEIRA - TIPOLOGIAS PIVOTANTES
PROFILES ASSEMBLY - END-CAPS APPLICATION TO THE SILL PROFILE - **PIVOTING TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS - APPLICATION D'EMBOUTS DANS LES SEUILS - **TYPOLOGIES PIVOTANTES**

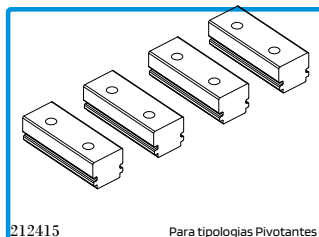
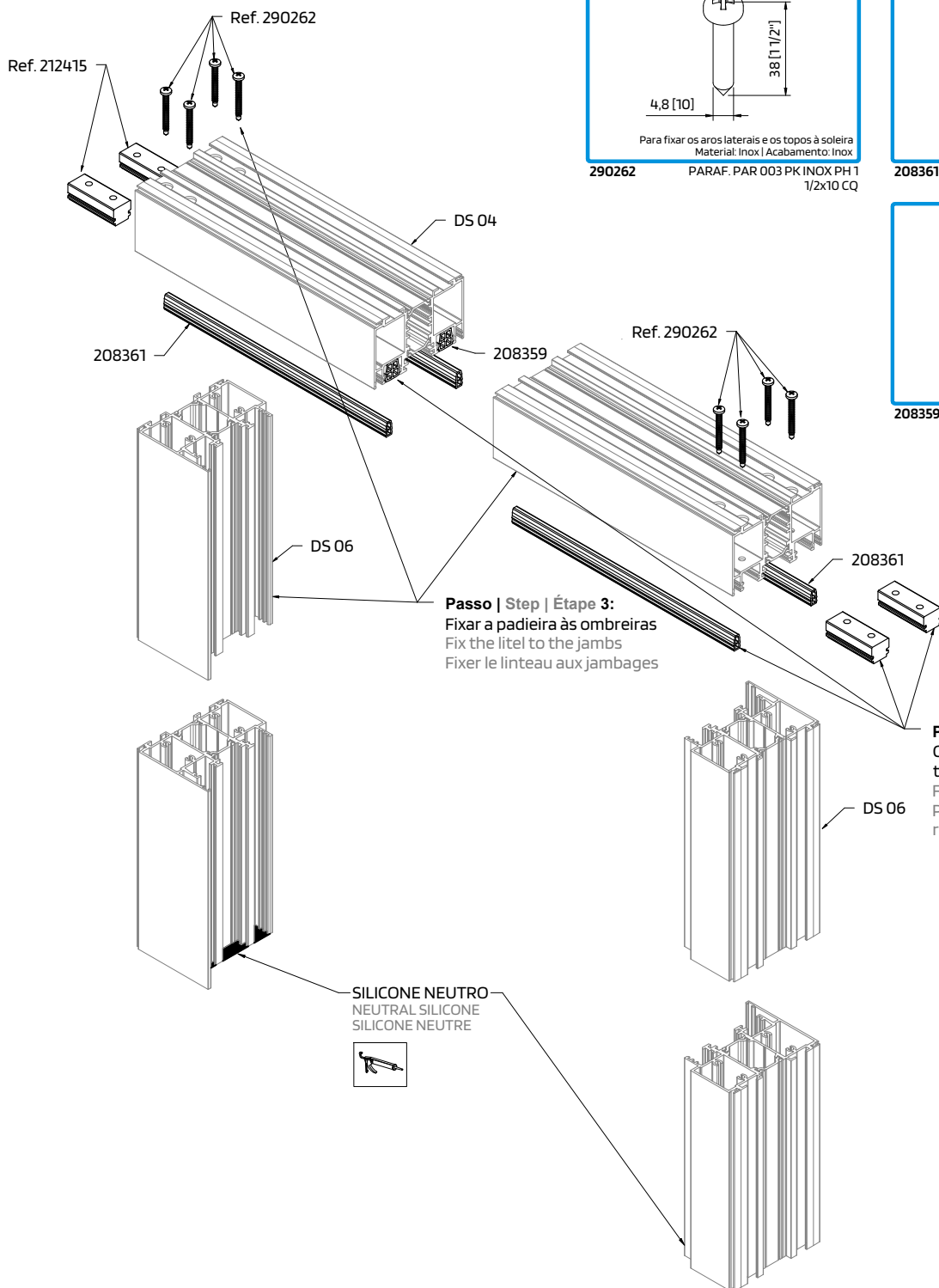
Aros fixos

Fixed frames | Cadres fixes

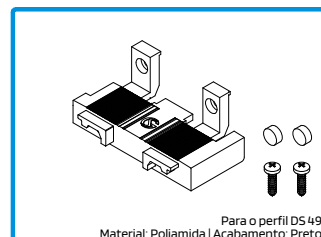


Corte a 90°
90° Cut | Coupe à 90°

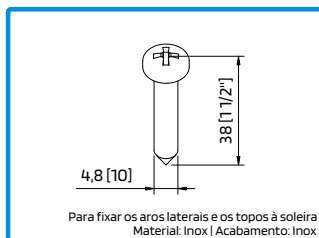
SELAR AS ESQUADRIAS COM COLA E VEDA
SEAL THE MITER JOINTS WITH SEALANT
SCELLER LES CHANFRAINS AVEC MASTIC



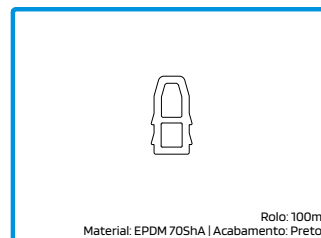
212415 Para tipologias Pivotantes
CONJ. CALÇOS FIXAÇÃO PADIEIRA OMBREIRA DS



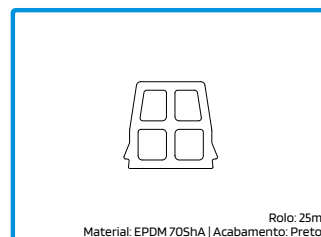
210512 Para o perfil DS 49
Material: Poliamida | Acabamento: Preto
TOPO SOLEIRA DS DIR



290262 Para fixar os aros laterais e os topos à soleira
Material: Inox | Acabamento: Inox
PARAF. PAR 003 PK INOX PH 1 1/2x10 CQ



208361 Rolo: 100m
Material: EPDM 70ShA | Acabamento: Preto
JUNTA TAPA CANAL Z182 DS

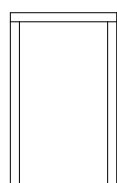


208359 Rolo: 25m
Material: EPDM 70ShA | Acabamento: Preto
JUNTA TAPA CANAL Z180 DS

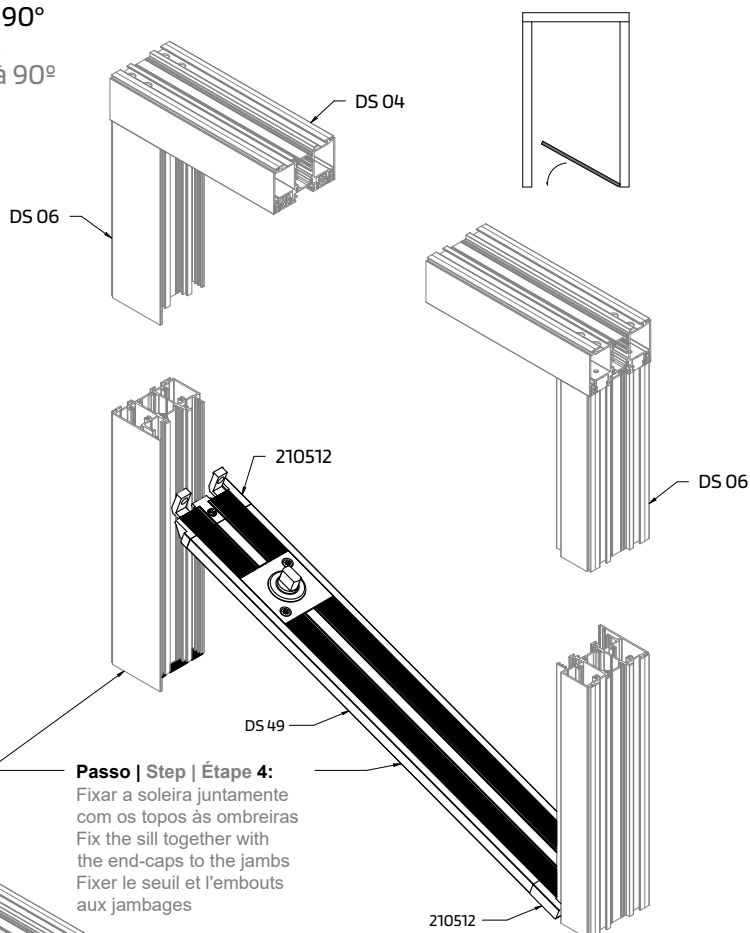
MONTAGEM DE PERFIS - APLICAÇÃO DOS TOPOS NO PERFIL DE SOLEIRA - TIPOLOGIAS PIVOTANTES
PROFILES ASSEMBLY - END-CAPS APPLICATION TO THE SILL PROFILE - **PIVOTING TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS - APPLICATION D'EMBOUTS DANS LES SEUILS - **TIPOLOGIES PIVOTANTES**

Aros fixos

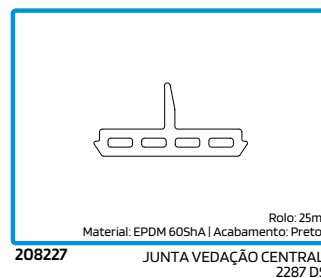
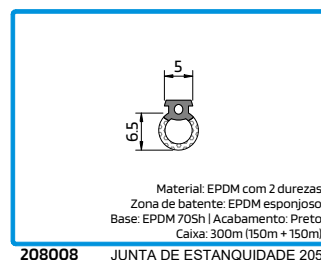
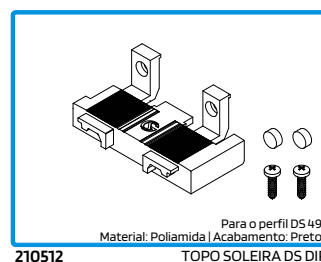
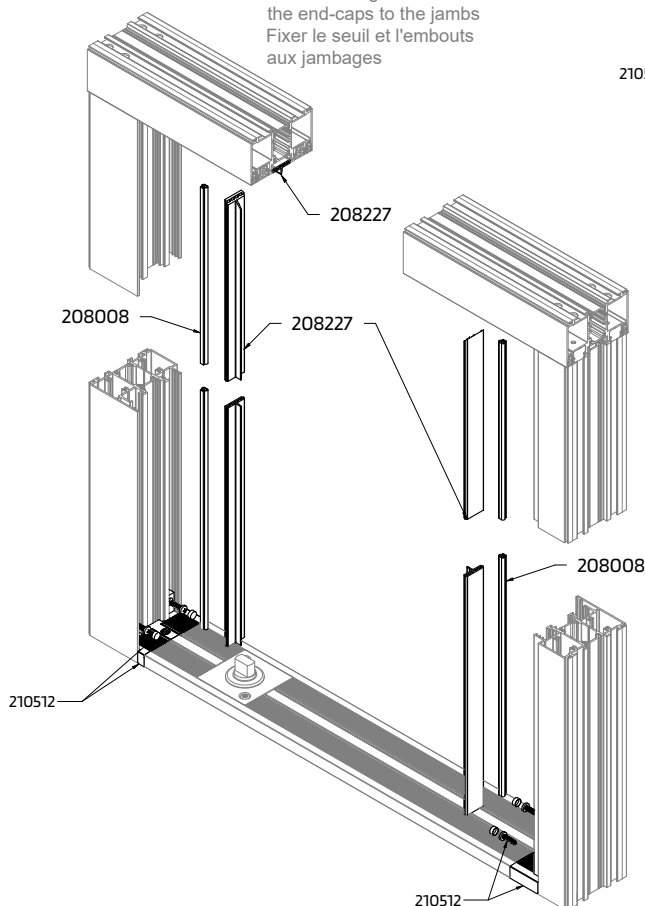
Fixed frames | Cadres fixes



Corte a 90°
90° Cut
Coupe à 90°

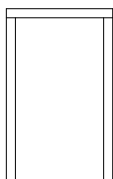


Passo | Step | Étape 4:
Fixar a soleira juntamente
com os topos às ombreiras
Fix the sill together with
the end-caps to the jambs
Fixer le seuil et l'embouts
aux jambages

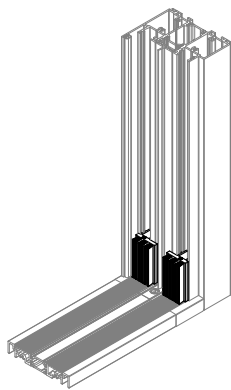
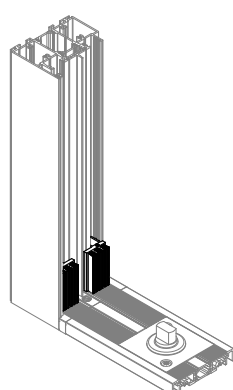
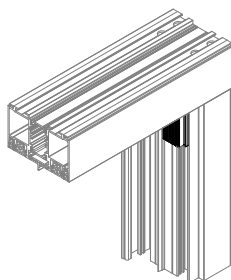
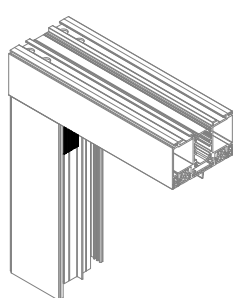
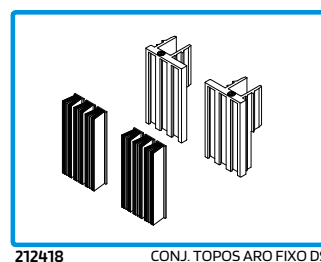
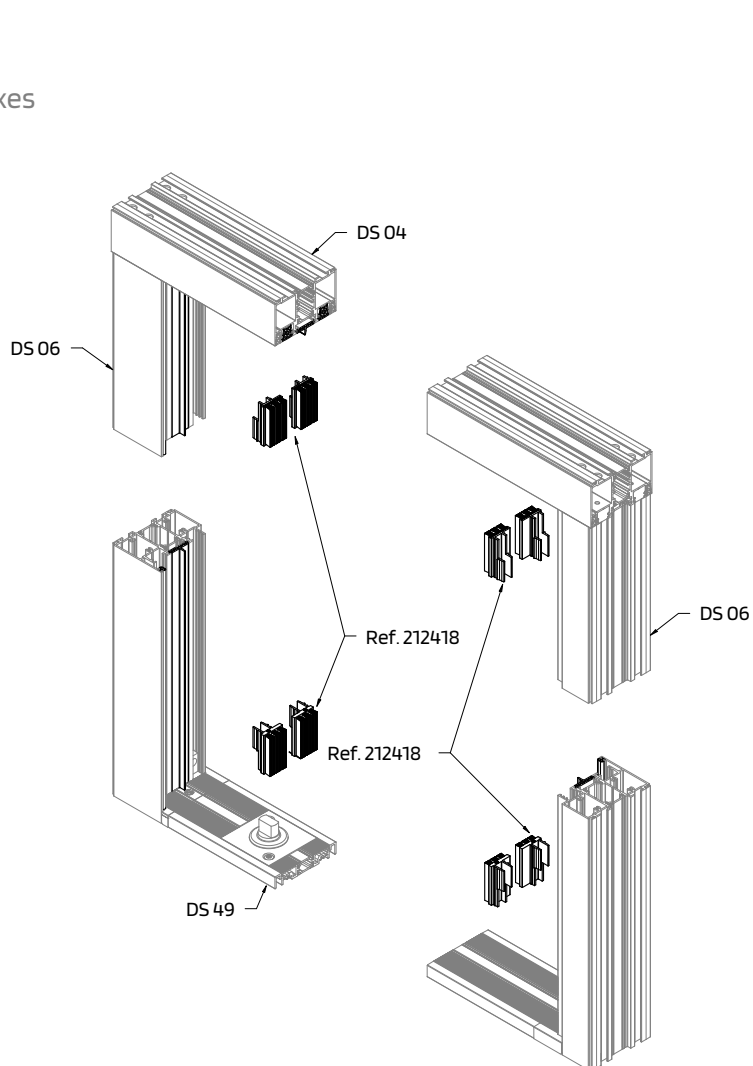


MONTAGEM DE PERFIS - APLICAÇÃO DOS TOPOS NO PERFIL DE SOLEIRA - TIPOLOGIAS PIVOTANTES
PROFILES ASSEMBLY - END-CAPS APPLICATION TO THE SILL PROFILE - **PIVOTING TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS - APPLICATION D'EMBOUTS DANS LES SEUILS - **TYPLOGIES PIVOTANTES**

Aros fixos
Fixed frames | Cadres fixes



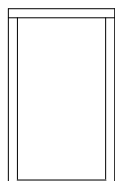
Corte a 90°
90° Cut
Coupe à 90°



MONTAGEM DE PERFIS - APLICAÇÃO DOS TOPOS NO PERFIL DE SOLEIRA - TIPOLOGIAS PIVOTANTES
PROFILES ASSEMBLY - END-CAPS APPLICATION TO THE SILL PROFILE - **PIVOTING TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS - APPLICATION D'EMBOUTS DANS LES SEUILS - **TYPOLOGIES PIVOTANTES**

Aros fixos

Fixed frames | Cadres fixes



Corte a 90°
90° Cut
Coupe à 90°

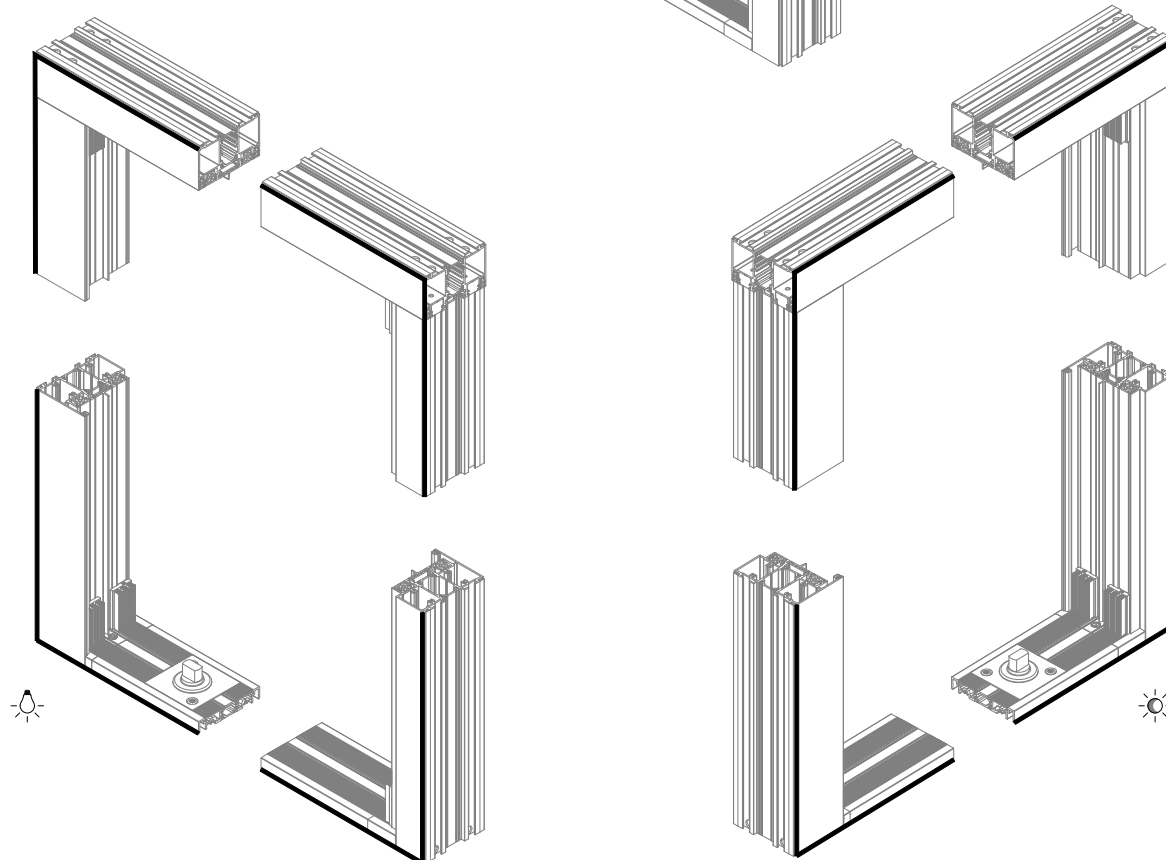
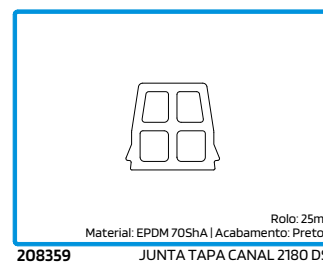
DS 06

DS 04

Ref. 208359

DS 06

DS 49



IMPORTANTE | IMPORTANT | IMPORTANT:

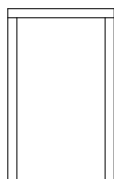
Encher as câmaras com silicone antes de fixar a soleira às ombreiras. Aplicar silicone à cor do perfil ou silicone neutro na zona das esquadrias.

Fill the chambers with silicone before fixing the sill to the jambs. Apply silicone in the colour of the profile or neutral silicone in the corner area

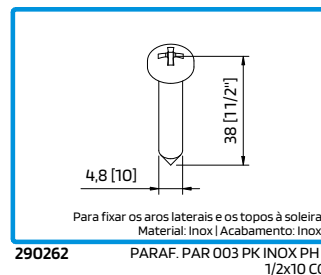
Remplir les chambres de silicone avant de fixer le seuil aux jambages. Appliquer du silicone à la couleur du profilé ou du silicone neutre dans la zone des cadres.

MONTAGEM DE PERFIS - APLICAÇÃO SEM OS TOPOS NO PERFIL DE SOLEIRA - TIPOLOGIAS PIVOTANTES
PROFILES ASSEMBLY - WITHOUT END-CAPS APPLICATION TO THE SILL PROFILE - **PIVOTING TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS - SANS L'APPLICATION D'EMBOUTS DANS LES SEUILS - **TYPOLOGIES PIVOTANTES**

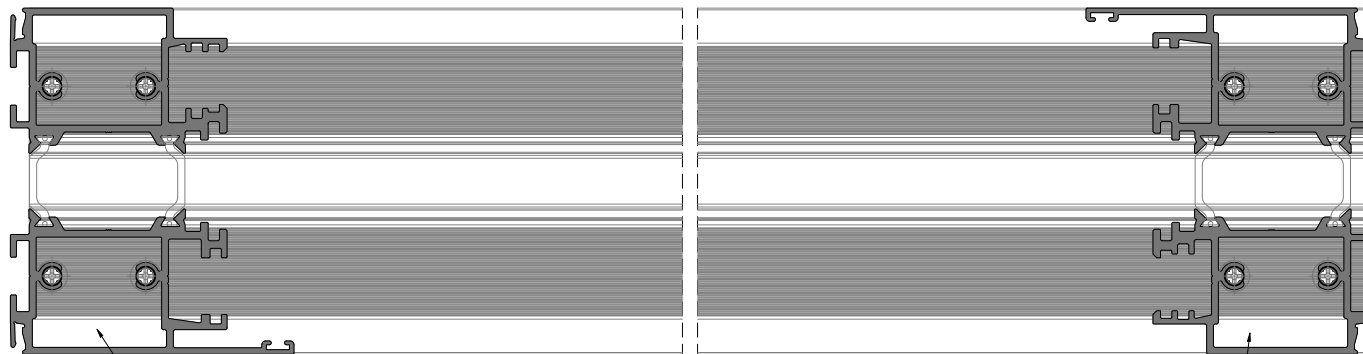
Aros fixos
Fixed frames | Cadres fixes



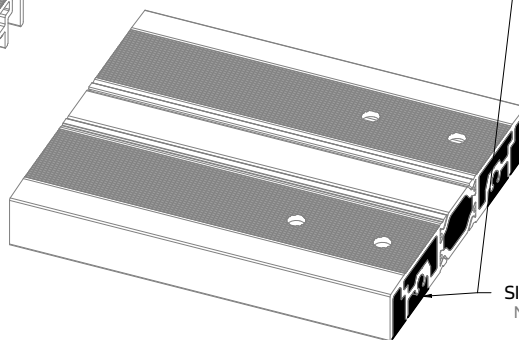
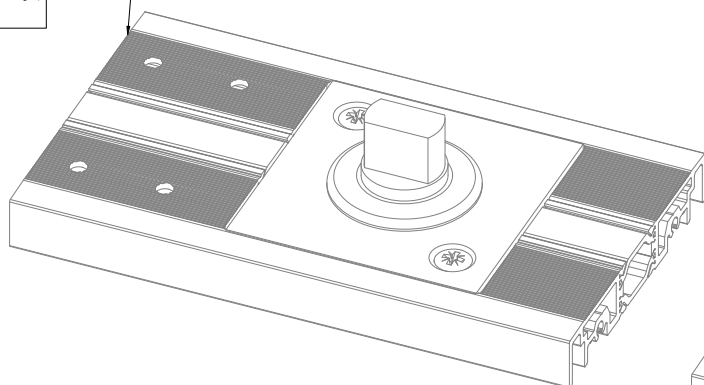
Corte a 90°
90° Cut
Coupe à 90°



Tipologias pivotantes | Pivoting typologies | Typologies à pivotante



SILICONE NEUTRO
NEUTRAL SILICONE
SILICONE NEUTRE



SILICONE NEUTRO
NEUTRAL SILICONE
SILICONE NEUTRE



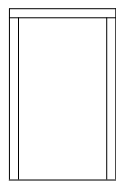
IMPORTANTE | IMPORTANT | IMPORTANT:

Encher as câmaras com silicone antes de fixar a soleira às ombreiras. Aplicar silicone à cor do perfil ou silicone neutro na zona das esquadrias.
Fill the chambers with silicone before fixing the sill to the jambs. Apply silicone in the colour of the profile or neutral silicone in the corner area
Remplir les chambres de silicone avant de fixer le seuil aux jambages. Appliquer du silicone à la couleur du profilé ou du silicone neutre dans la zone des cadres.

MONTAGEM DO ARO FIXO - TIPOLOGIAS PIVOTANTES
FIXED FRAME ASSEMBLY - PIVOTING TYPOLOGIES
ASSEMBLAGE DES DORMANTS - TYPOLOGIES PIVOTANTES

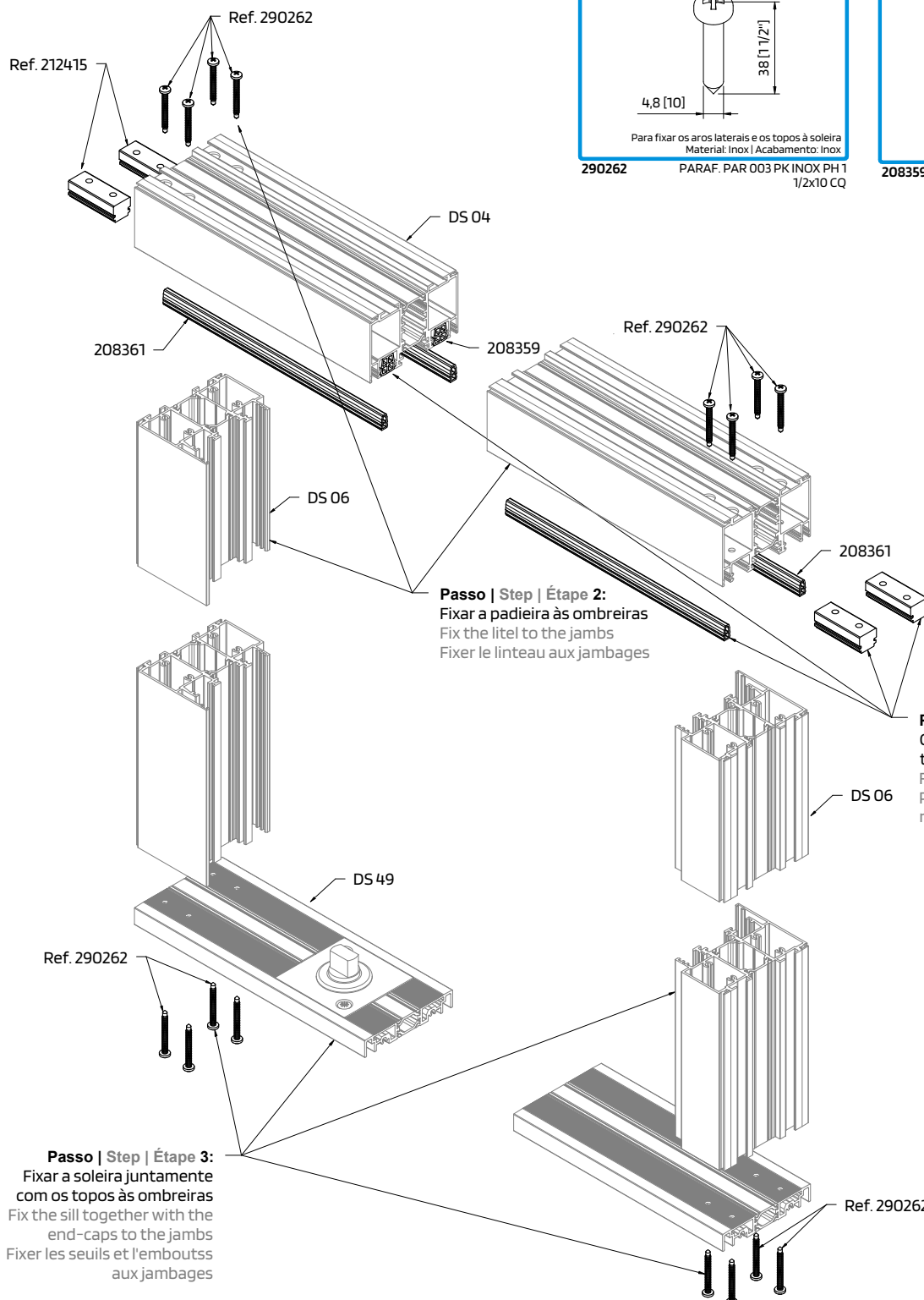
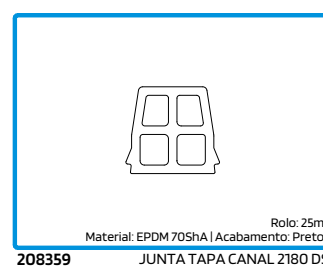
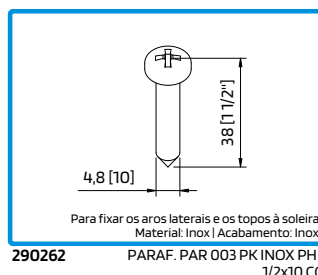
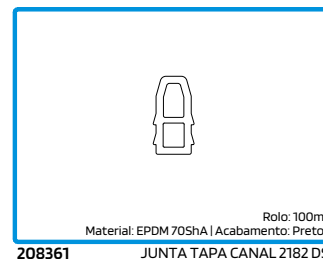
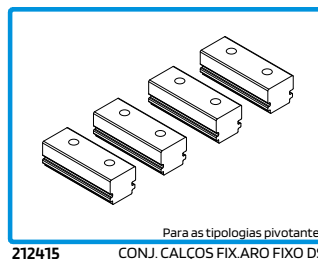
Aros fixos

Fixed frames | Cadres fixes



Corte a 90°
90° Cut | Coupe à 90°

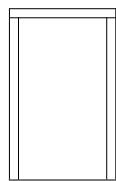
SELAR AS ESQUADRIAS COM COLA E VEDA
SEAL THE MITER JOINTS WITH SEALANT
SCELLER LES CHANFRAINS AVEC MASTIC



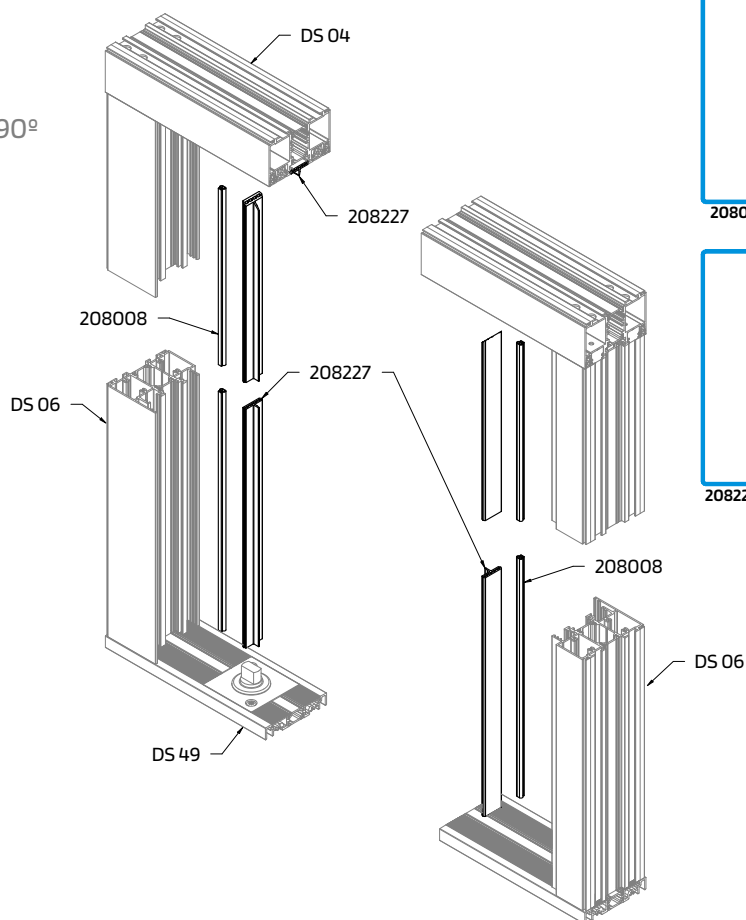
MONTAGEM DE PERFIS E ACESSÓRIOS NO ARO FIXO - TIPOLOGIAS PIVOTANTES
ASSEMBLY OF PROFILES AND ACCESSORIES IN THE FIXED FRAME - **PIVOTING TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS ET DES ACCESSOIRES DANS LE CADRE FIXE - **TYPOLOGIES PIVOTANTES**

Aros fixos

Fixed frames | Cadres fixes



Corte a 90°
90° Cut | Coupe à 90°



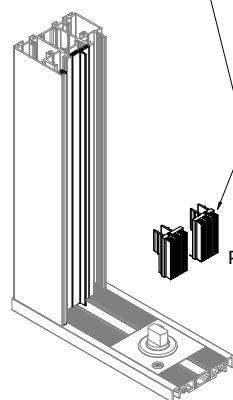
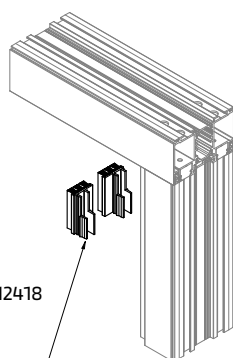
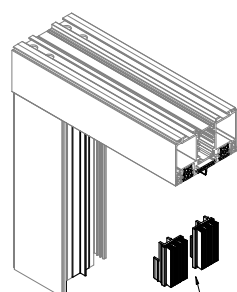
Material: EPDM com 2 durezas
Zona de batente: EPDM esponjoso
Base: EPDM 70Sh | Acabamento: Preto
Caixa: 300m (150m + 150m)

208008 JUNTA DE ESTANQUIDADE 2051



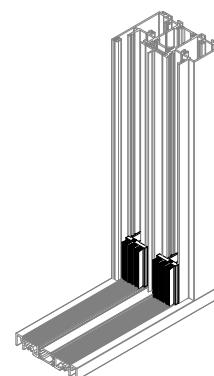
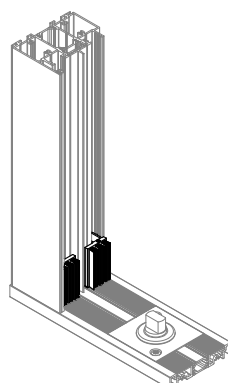
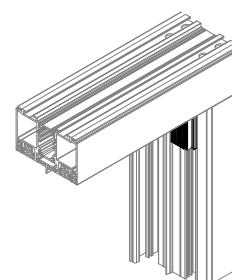
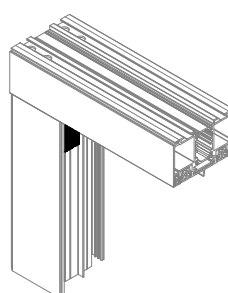
Rolo: 25m
Material: EPDM 60ShA | Acabamento: Preto

208227 JUNTA VEDAÇÃO CENTRAL 2287 DS



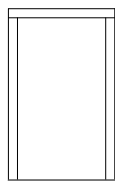
Ref. 212418

Ref. 212418

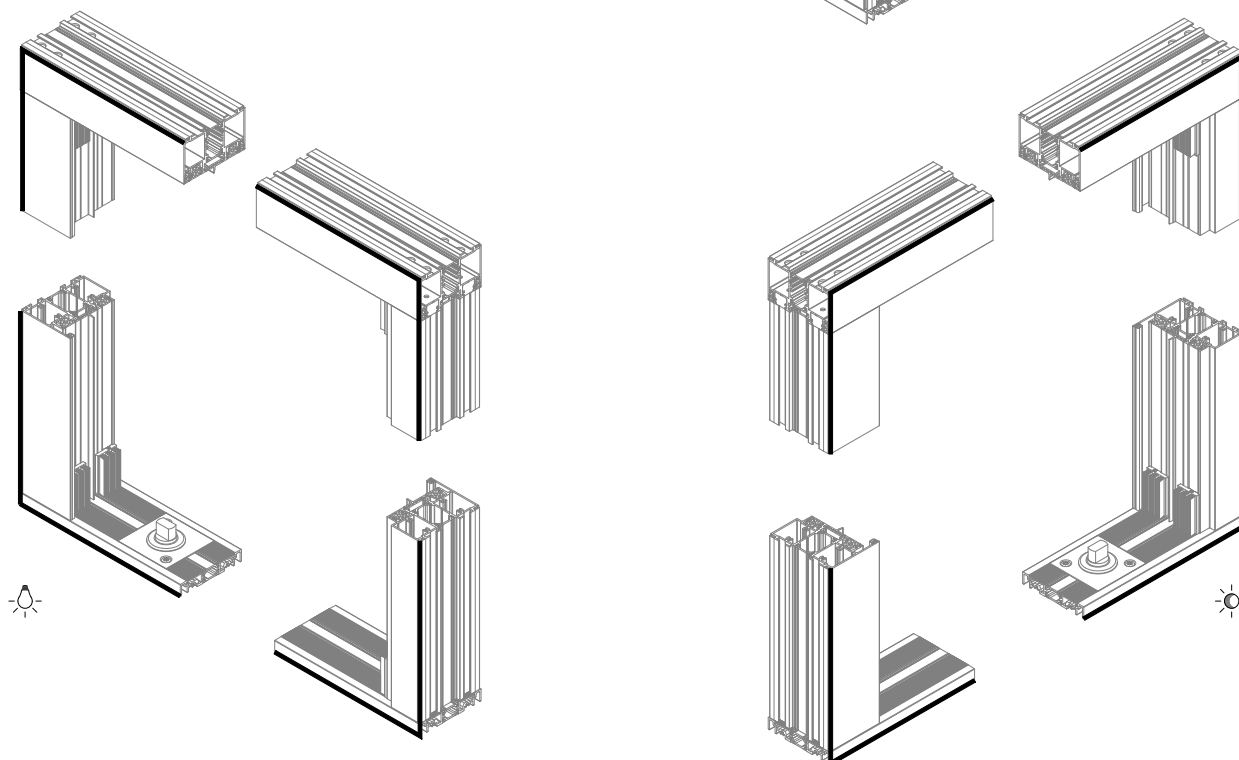
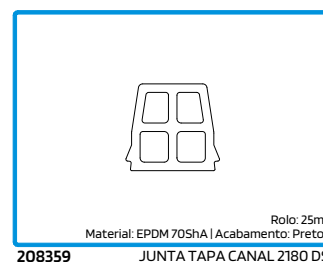
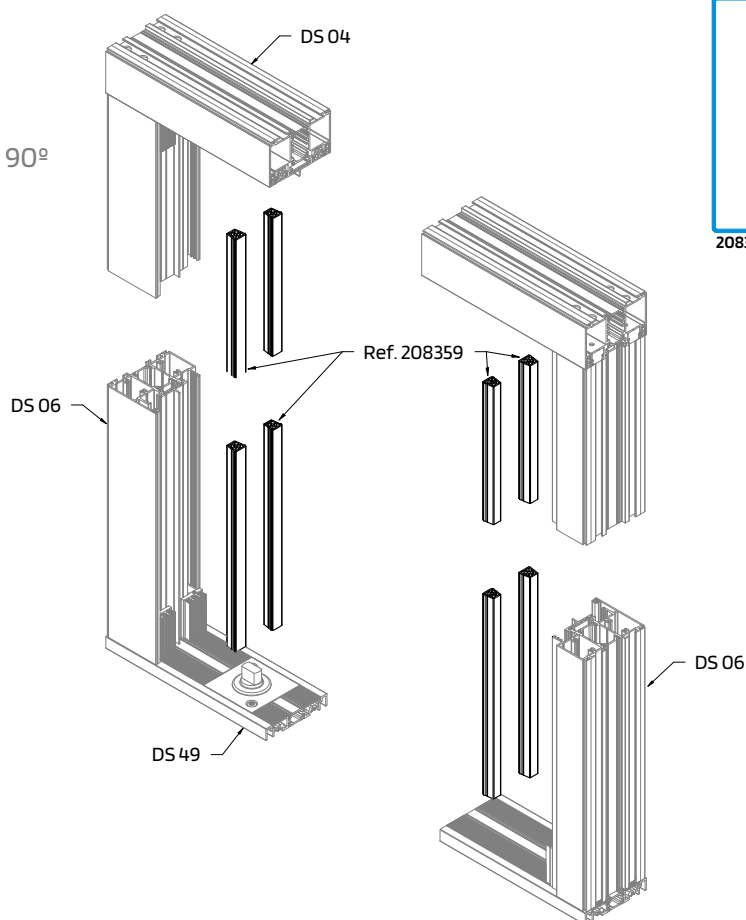


MONTAGEM DE PERFIS E ACESSÓRIOS NO ARO FIXO - TIPOLOGIAS PIVOTANTES
ASSEMBLY OF PROFILES AND ACCESSORIES IN THE FIXED FRAME - **PIVOTING TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS ET DES ACCESSOIRES DANS LE CADRE FIXE - **TIPOLOGIES PIVOTANTES**

Aros fixos
Fixed frames | Cadres fixes



Corte a 90°
90° Cut | Coupe à 90°

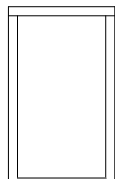


IMPORTANTE | IMPORTANT | IMPORTANT:
Colocar sempre silicone, **à cor ou neutro**, pelo interior e exterior
Always apply silicone, coloured or neutral, inside and outside
Toujours appliquer du silicone, coloré ou neutre, à l'intérieur et à l'extérieur

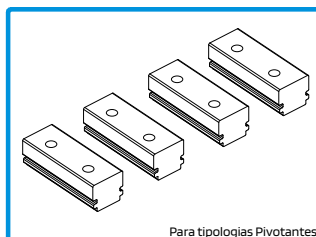
MONTAGEM DO ARO FIXO - TIPOLOGIAS PIVOTANTES
FIXED FRAME ASSEMBLY - PIVOTING TYPOLOGIES
ASSEMBLAGE DES DORMANTS - TYPOLOGIES PIVOTANTES

Aros fixos

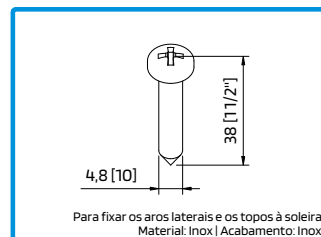
Fixed frames | Cadres fixes



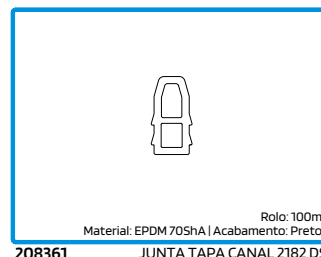
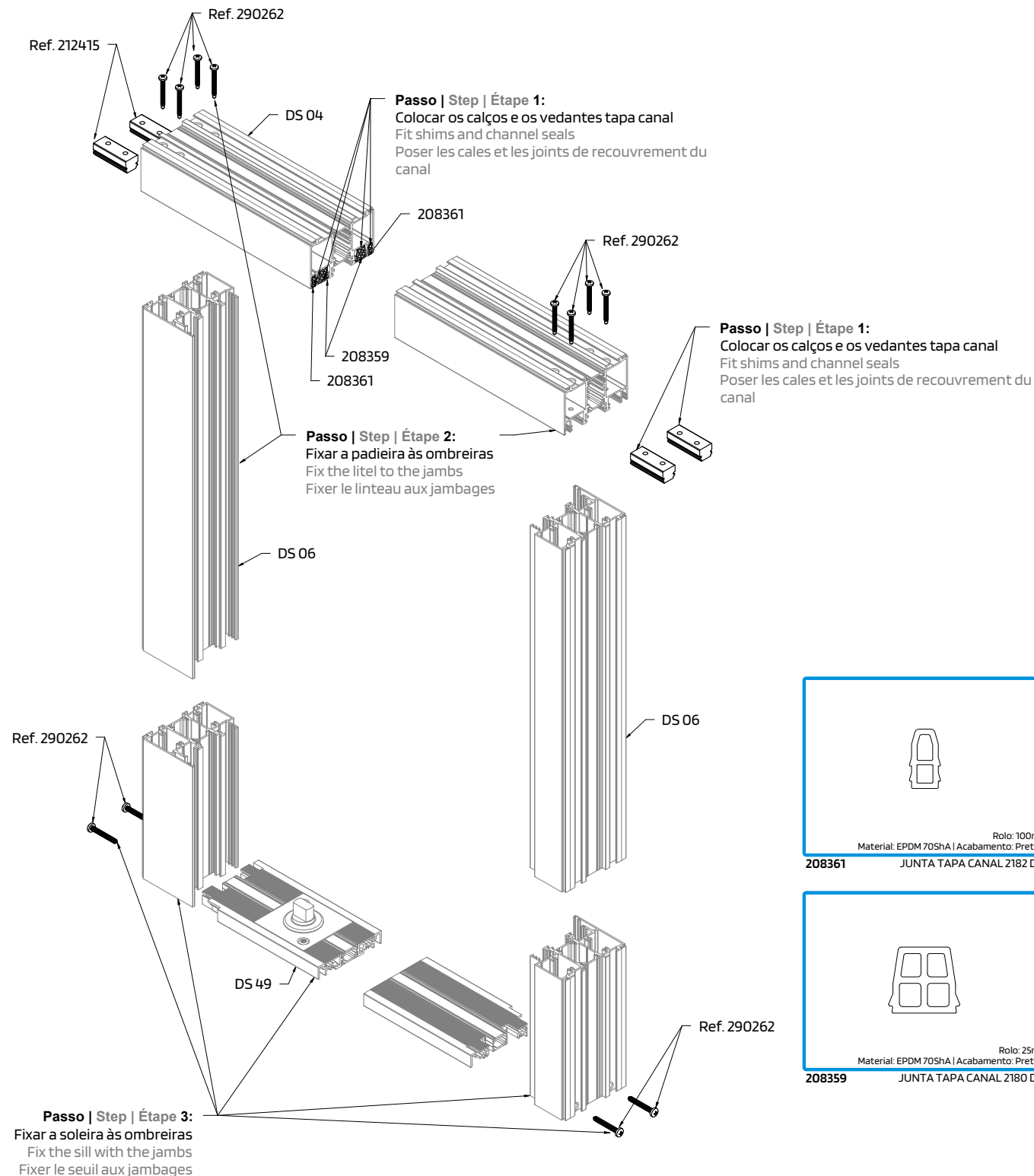
Corte a 90°
90° Cut | Coupe à 90°



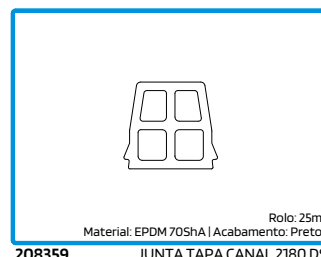
212415 CONJ. CALÇOS FIXAÇÃO PADIEIRA OMBREIRA DS



290262 PARAF. PAR 003 PK INOX PH1 1/2x10 CQ



208361 JUNTA TAPA CANAL 2182 DS



208359 JUNTA TAPA CANAL 2180 DS

MONTAGEM DE PERFIS - APLICAÇÃO DE ESQUADROS EM AROS MÓVEIS

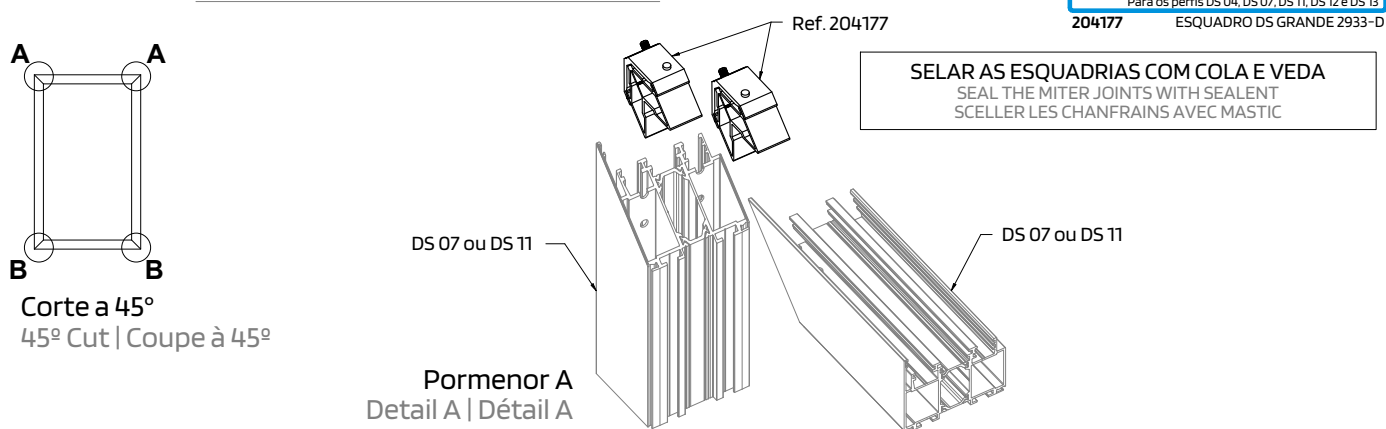
PROFILES ASSEMBLY - CORNER CLEATS APPLICATION IN MOBILE FRAMES

ASSEMBLAGE DES PROFILÉS - APPLICATION D'ÉQUERRRES SUR L'OUVRANTS

Aros móveis - TIPOLOGIAS DE BATENTE 1 FOLHA

Mobile frames - 1 SASH SIDE-HINGED TYPOLOGIES

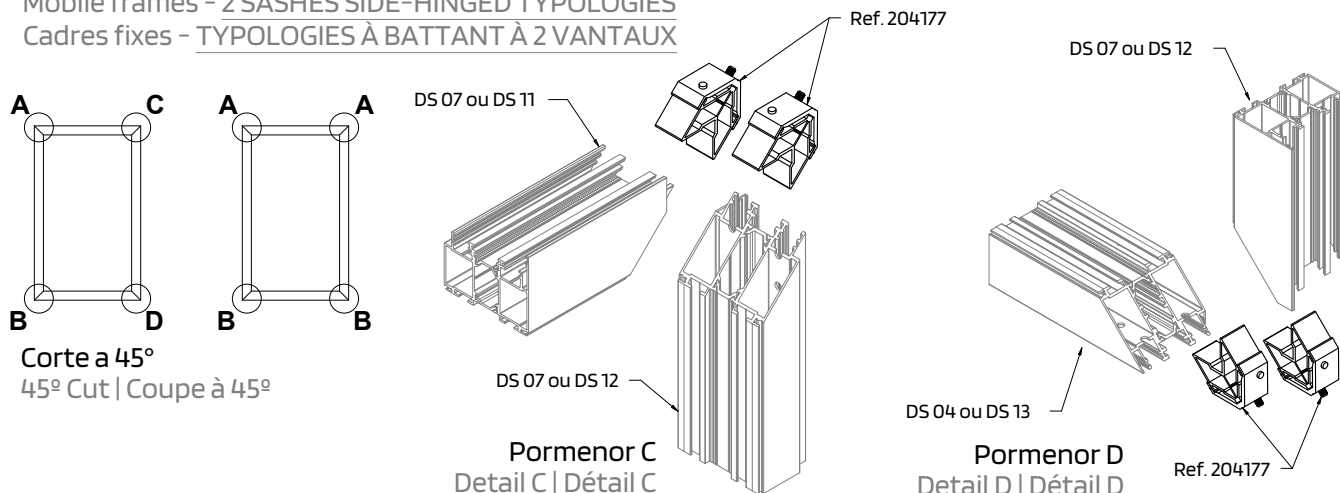
Cadres fixes - TYPOLOGIES À BATTANT À 1 VANTAIL



Aros móveis - TIPOLOGIAS DE BATENTE 2 FOLHAS

Mobile frames - 2 SASHES SIDE-HINGED TYPOLOGIES

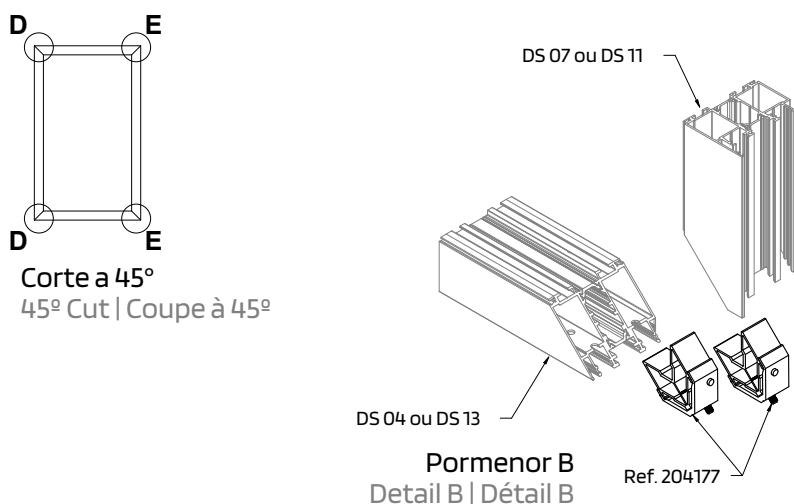
Cadres fixes - TYPOLOGIES À BATTANT À 2 VANTAUX



Aros móveis - TIPOLOGIAS PIVOTANTES

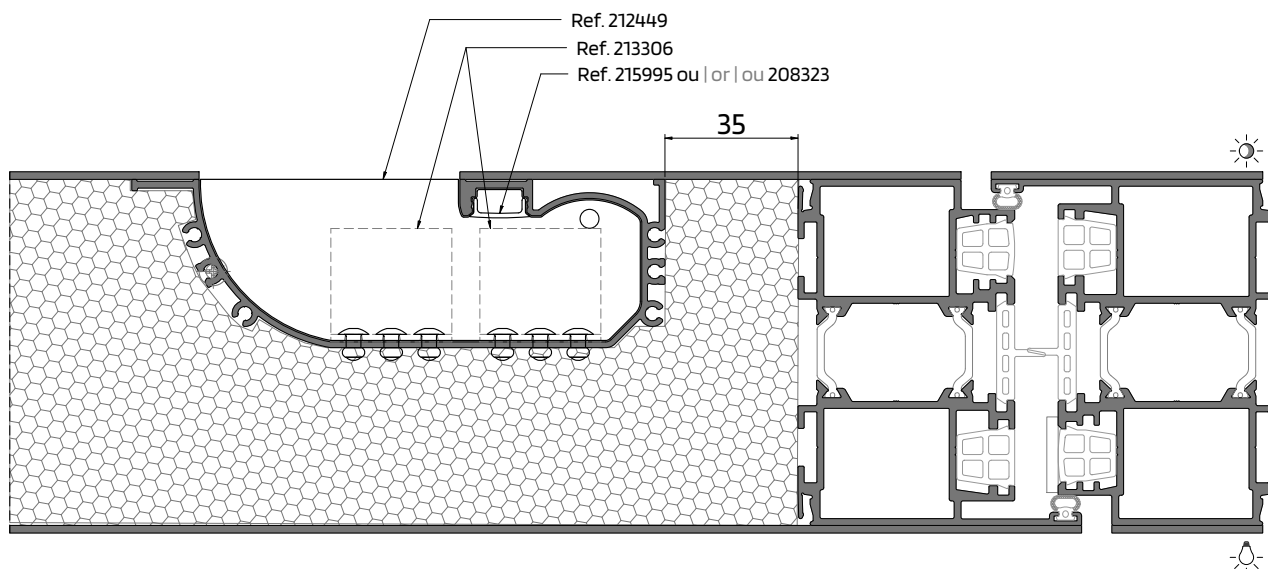
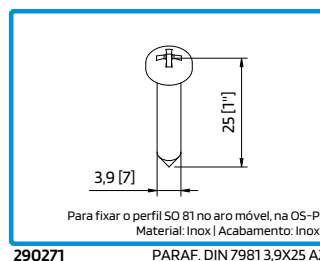
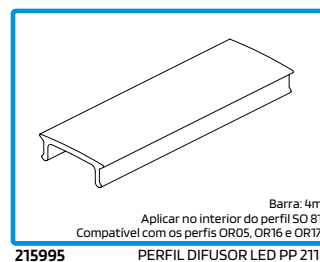
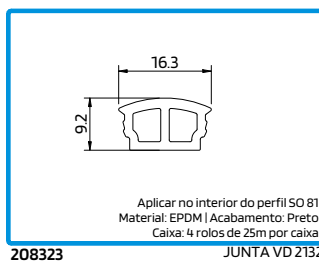
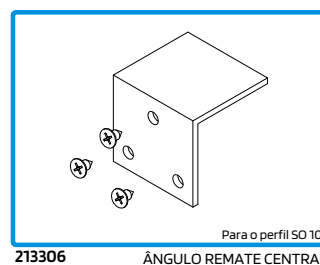
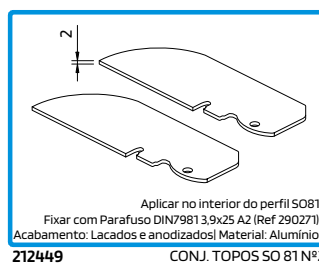
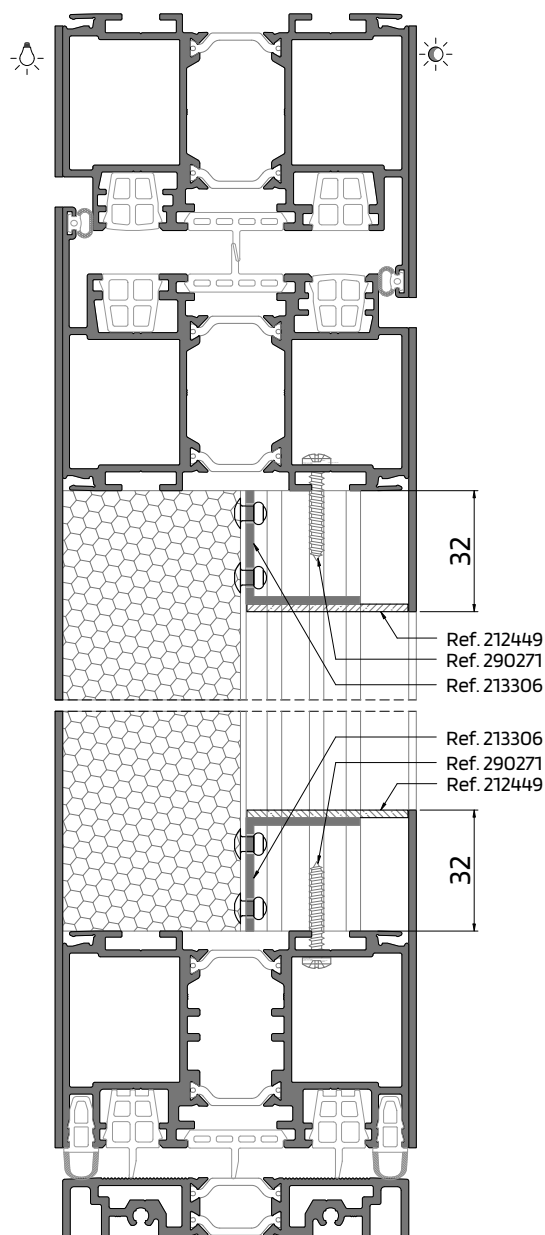
Mobile frames - PIVOTING TYPOLOGIES

Cadres fixes - TYPOLOGIES PIVOTANTES



Nota: Estes pormenores exemplificativos é válido para as tipologias com vidro.
Note: These exemplary details are valid for glass typologies
Note: Ces détails exemplaires sont valables pour les typologies de verre

MONTAGEM DO PERFIL SO 81
SO 81 PROFILE ASSEMBLY
ASSAMBLAGE DU PROFILÉ SO 81



MONTAGEM DO PERFIL SO 81

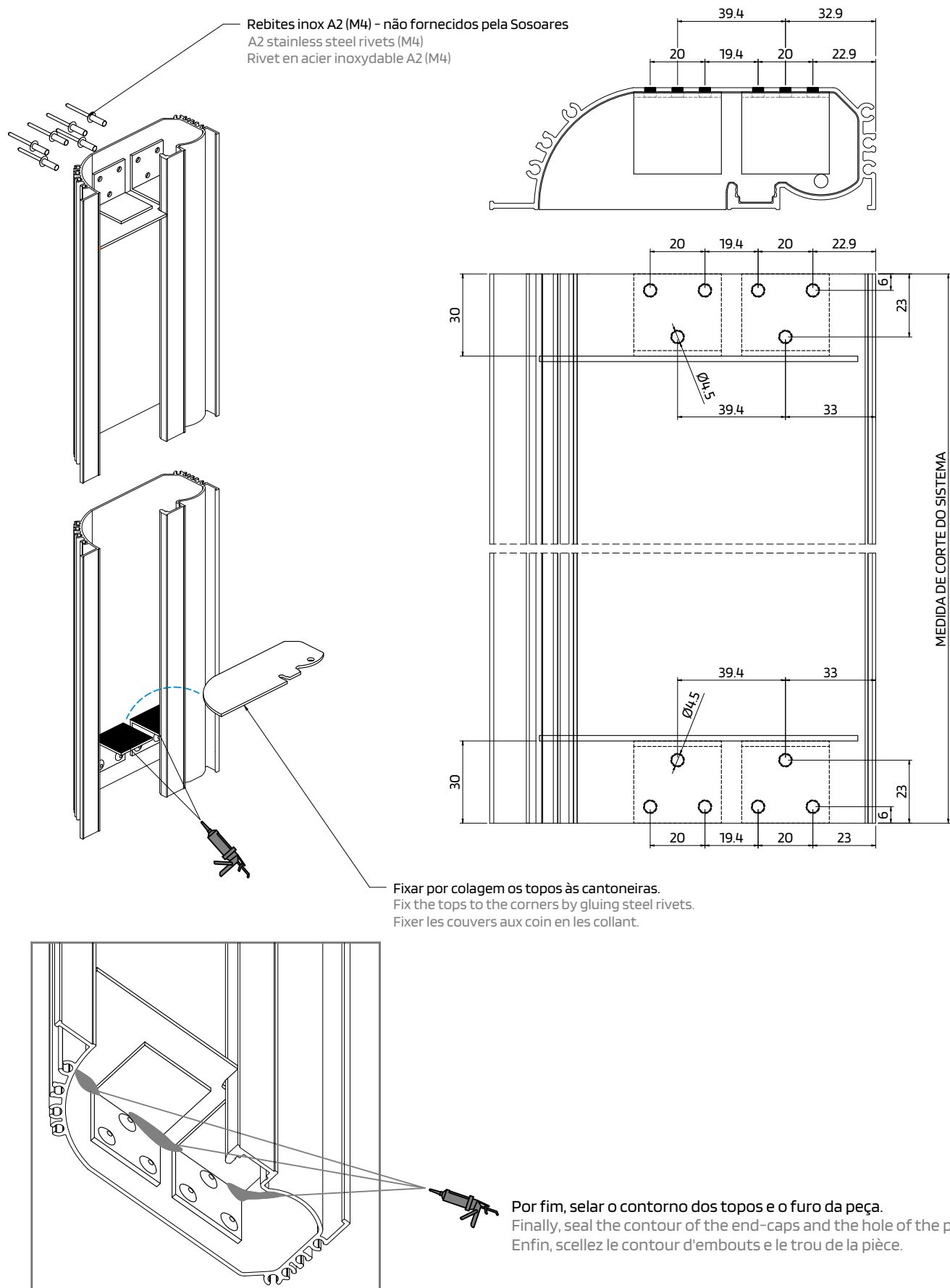
SO 81 PROFILE ASSEMBLY

ASSAMBLAGE DU PROFILÉ SO 81

Esquema de aplicação dos topos e cantoneiras de fixação

Application diagram of fixing top ends and corner

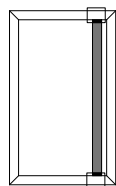
Schéma d'application des extrémités et des coins de fixation



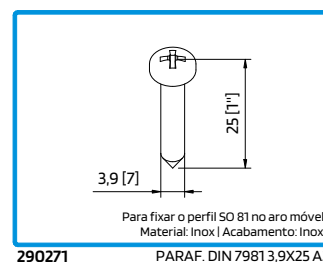
MONTAGEM DO PERFIL SO 81
SO 81 PROFILE ASSEMBLY
ASSAMBLAGE DU PROFILÉ SO 81

Aros móveis

Mobile frames | Cadres ouvrants

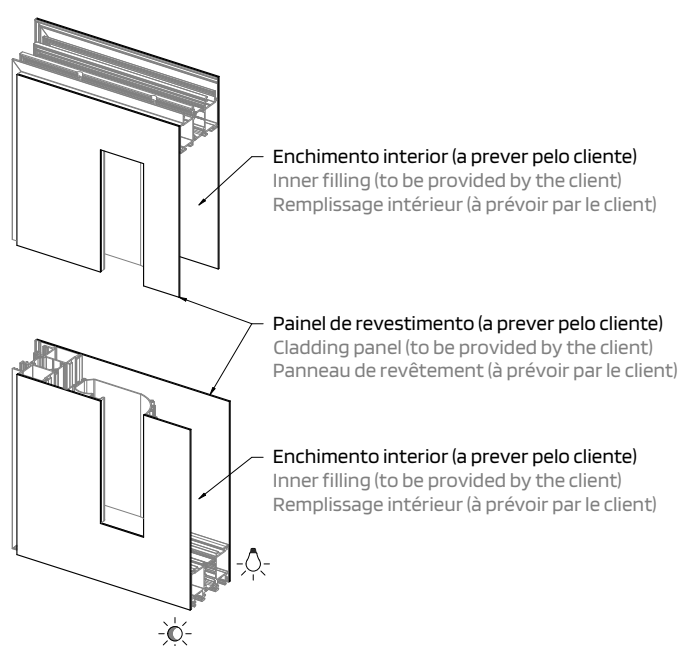
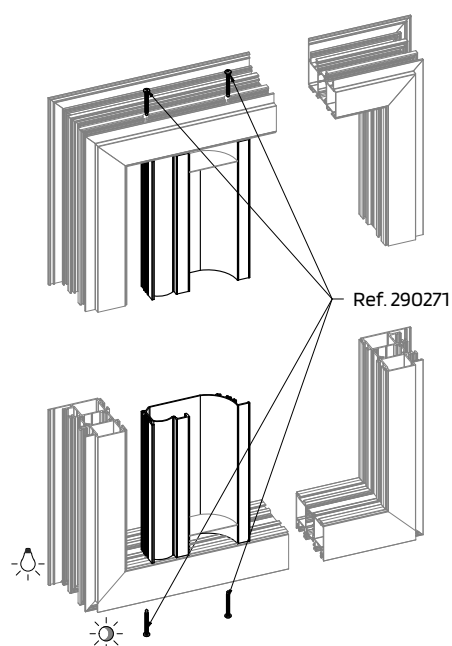


Corte a 45°
45° Cut | Coupe à 45°



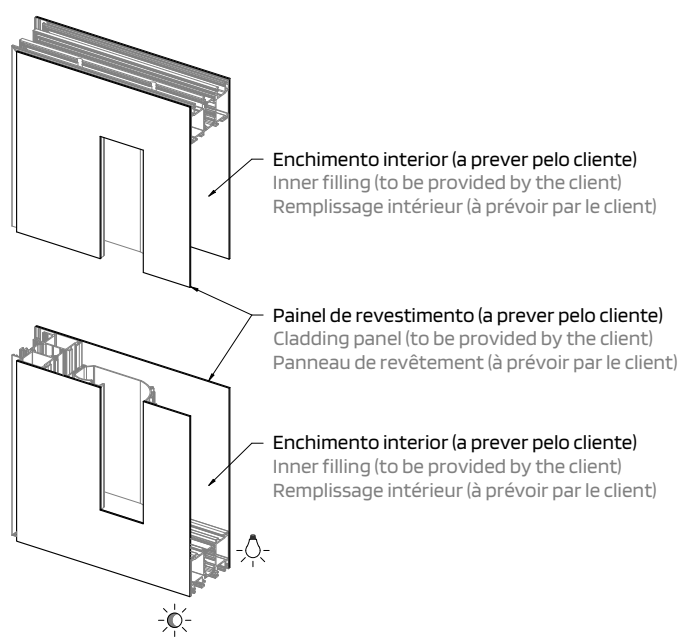
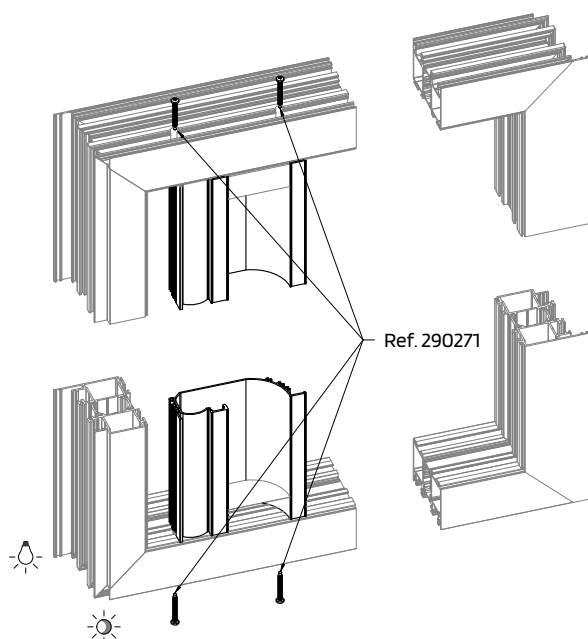
Tipologias de batente

Side-hinged typologies | Typologies à battant



Tipologias pivotantes

Pivoting typologies | Typologies pivotantes



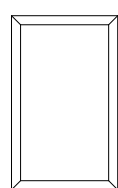
APLICAÇÃO DOS VEDANTES E TOPOS NAS FOLHAS MÓVEIS - PARA TIPOLOGIAS DE BATENTE 1 FOLHA

SEALS AND END-CAPS APPLICATION ON MOBILE SASHES - FOR 1 SASH SIDE-HINGED TYPOLOGIES

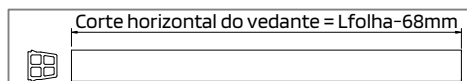
APPLICATION DE JOINTS ET D'EMBOUS SUR LES CADRES OUVRANTS - POUR TYPOLOGIES À BATTANT 1 VANTAIL

Aros móveis - TIPOLOGIAS DE BATENTE

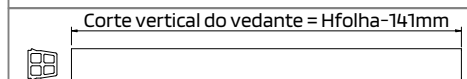
Mobile frames - SIDE-HINGED TYPOLOGIES | Cadres ouvrants - TYPOLOGIES À BATTANT



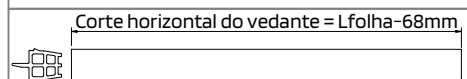
Corte a 45°
45° Cut | Coupe à 45°



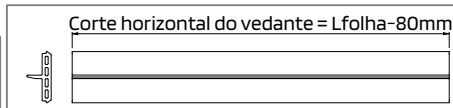
Ref. 208359



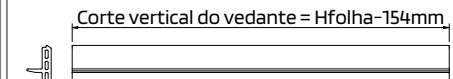
Ref. 208359



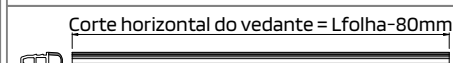
Ref. 208360



Ref. 208227



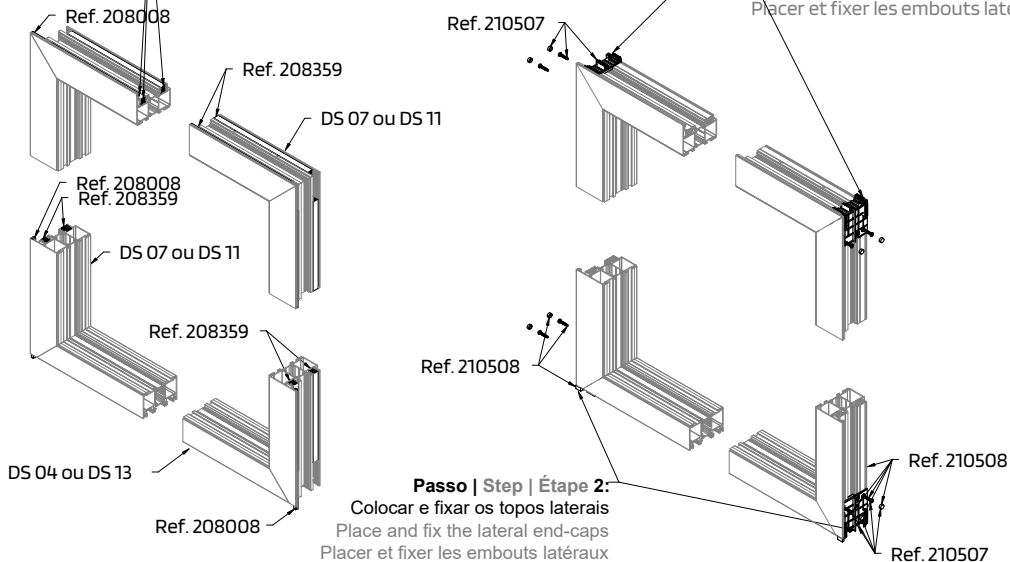
Ref. 208227



Ref. 208353

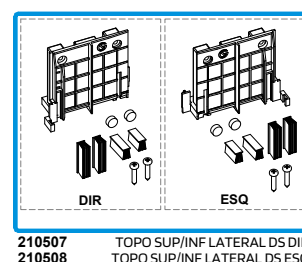
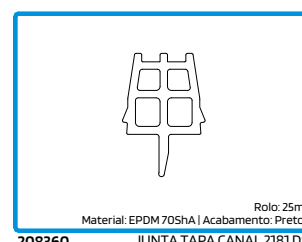
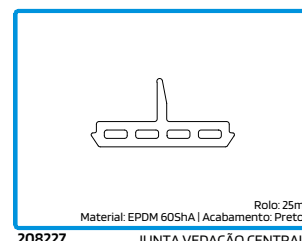
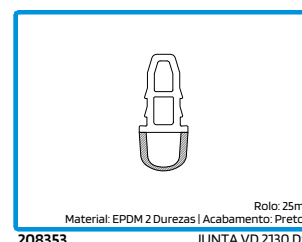
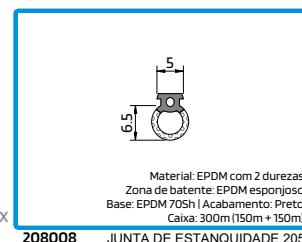
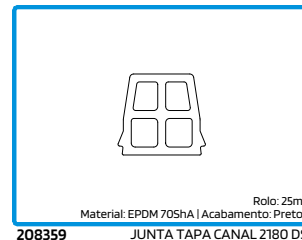
Passo | Step | Étape 1:
Colocar os 2 vedantes mencionados
Place the 2 seals mentioned
Placer les 2 joints mentionnés

Passo | Step | Étape 2:
Colocar e fixar os topos laterais
Place and fix the lateral end-caps
Placer et fixer les embouts latéraux



Passo | Step | Étape 2:
Colocar e fixar os topos laterais
Place and fix the lateral end-caps
Placer et fixer les embouts latéraux

Passo | Step | Étape 2:
Colocar e fixar os topos laterais
Place and fix the lateral end-caps
Placer et fixer les embouts latéraux



APLICAÇÃO DOS TOPOS LATERAIS - NO ARO MÓVEL

LATERAL END-CAPS APPLICATION - MOBILE FRAME

ASSEMBLAGE D'EMBOUITS LATÉRAUX - CADRE OUVRANT

Para tipologias de batente 1 folha

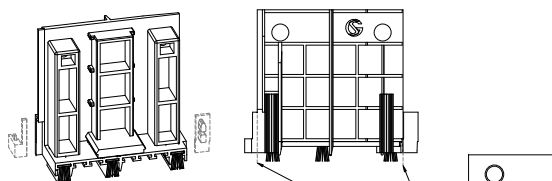
For 1 sash side-hinged typologies

Pour typologies à battant 1 vantail

Nas tipologias de batente os topos superiores terão de ser cortados

In hinged typologies, the tops must be cut off

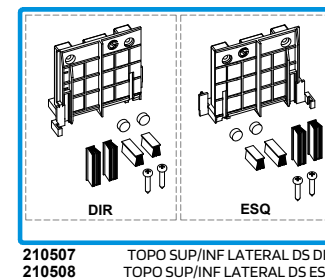
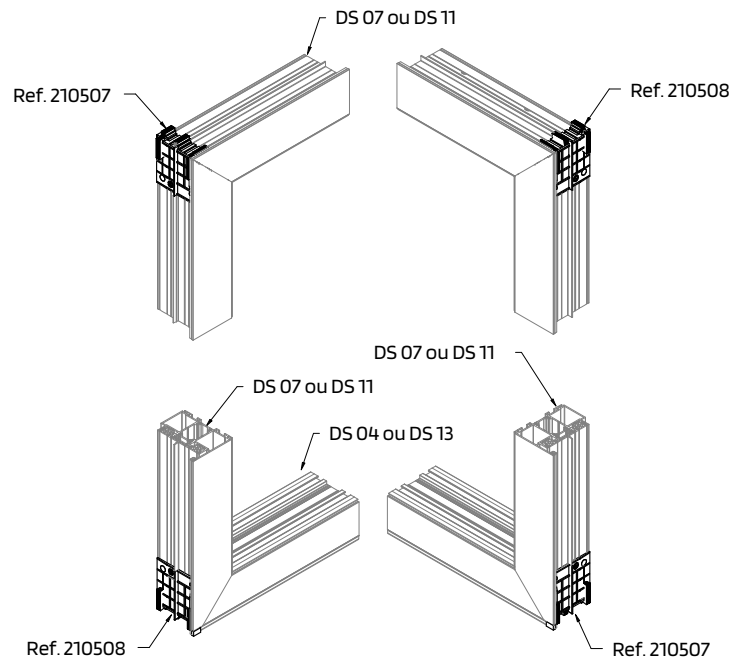
Pour les types à battant, l'embouts supérieurs doivent être coupés.



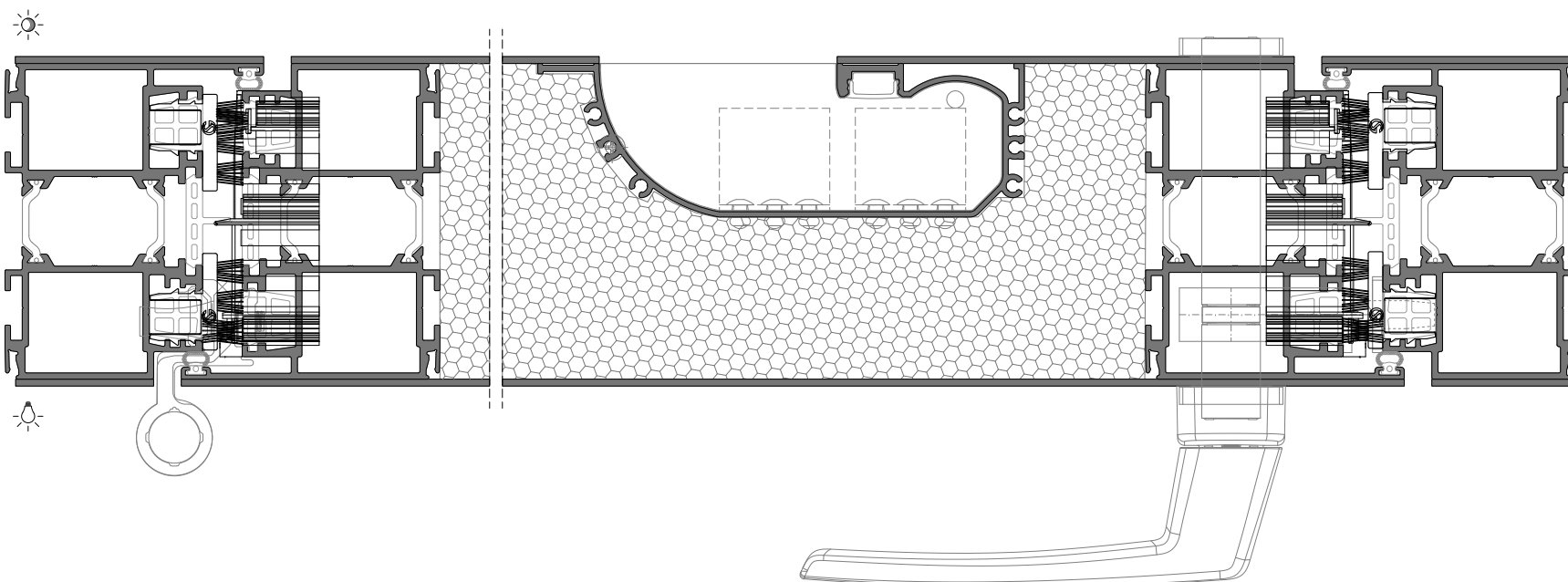
Para cada topo oortar as pelúcias:
2x 31mm | 1x 22mm | 1x 18mm



CORTAR POR AQUI
CUT HERE | COUPER ICI



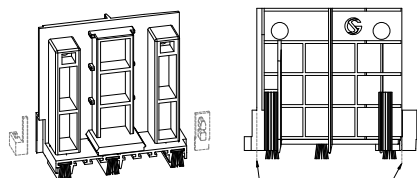
210507 TOPO SUP/INF LATERAL DS DIR
210508 TOPO SUP/INF LATERAL DS ESQ



APLICAÇÃO DOS TOPOS LATERAIS - NO ARO MÓVEL LATERAL END-CAPS APPLICATION - MOBILE FRAME ASSEMBLAGE D'EMBOUITS LATÉRAUX - CADRE OUVRANT

Para tipologias de batente 2 folhas
 For 2 sashes side-hinged typologies
 Pour typologies à battant 2 vantaux

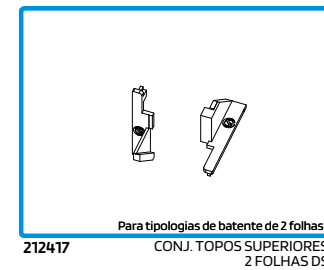
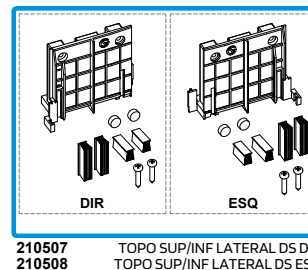
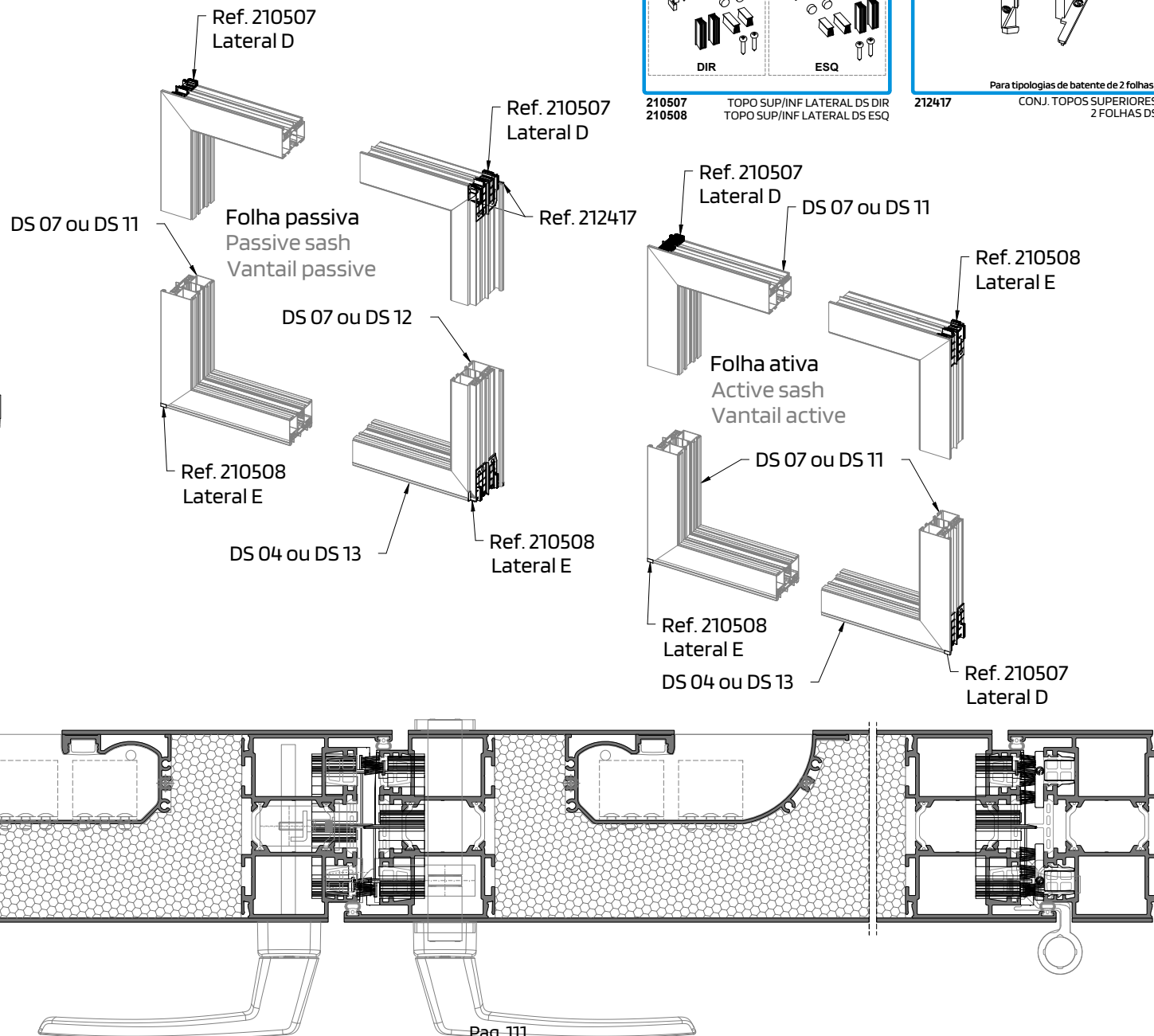
Nas tipologias de batente os topos superiores terão de ser cortados
In hinged typologies, the tops must be cut off
Pour les types à battant, l'embouts supérieurs doivent être coupés.



Para cada topo cortar as pelúcias:
 2x 31mm | 1x 22mm | 1x 18mm



CORTAR POR AQUI
 CUT HERE | COUPER ICI



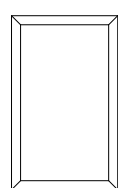
APLICAÇÃO DOS VEDANTES E TOPOS NAS FOLHAS MÓVEIS - PARA TIPOLOGIAS DE BATENTE 1 FOLHA

SEALS AND END-CAPS APPLICATION ON MOBILE SASHES - FOR 1 SASH SIDE-HINGED TYPOLOGIES

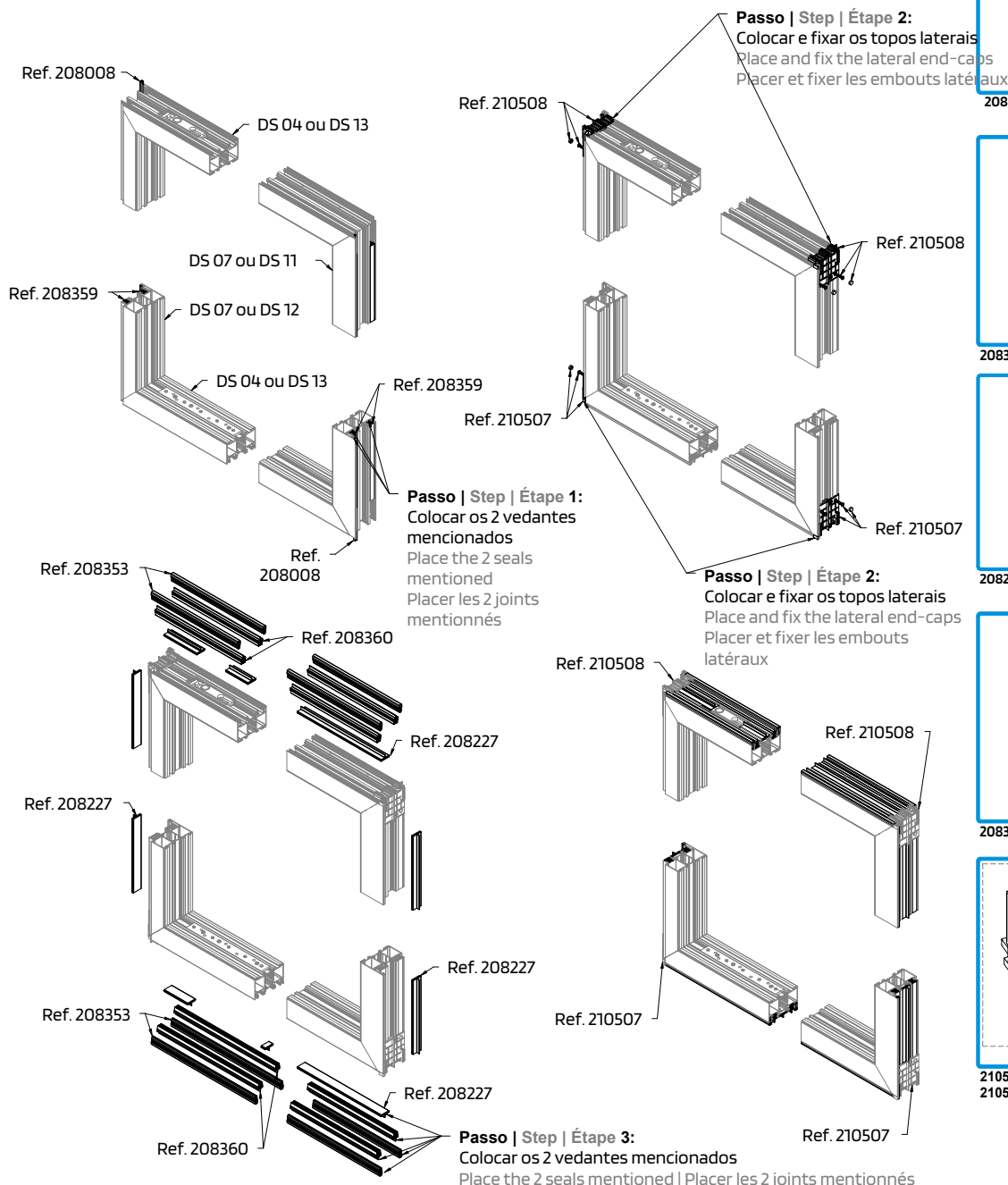
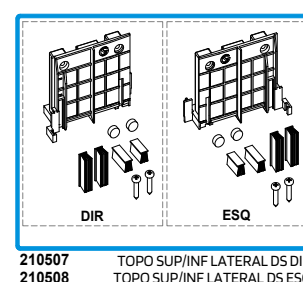
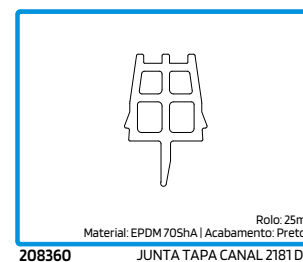
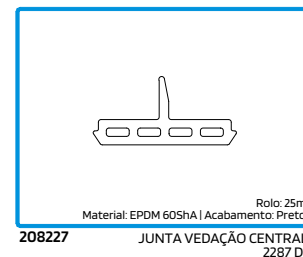
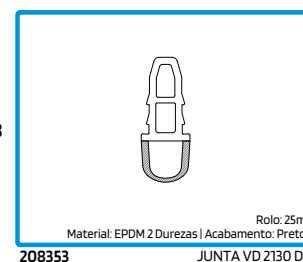
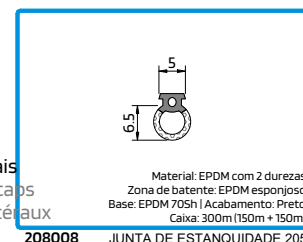
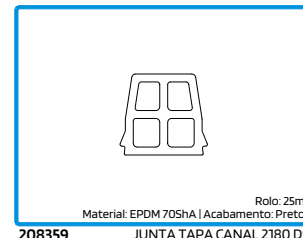
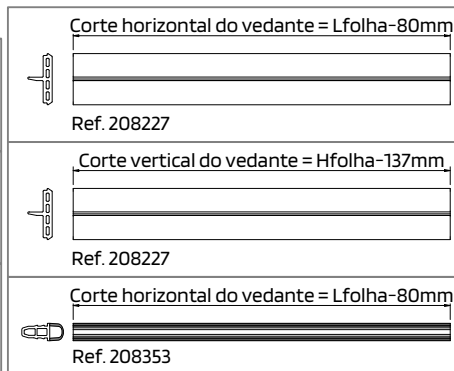
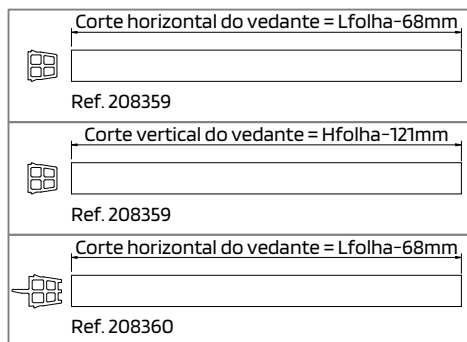
APPLICATION DE JOINTS ET D'EMBOUS SUR LES CADRES OUVRANTS - POUR TYPOLOGIES À BATTANT 1 VANTAIL

Aros móveis - TIPOLOGIAS PIVOTANTES

Mobile frames - PIVOTING TYPOLOGIES | Cadres ouvrants - TYPOLOGIES PIVOTANTES

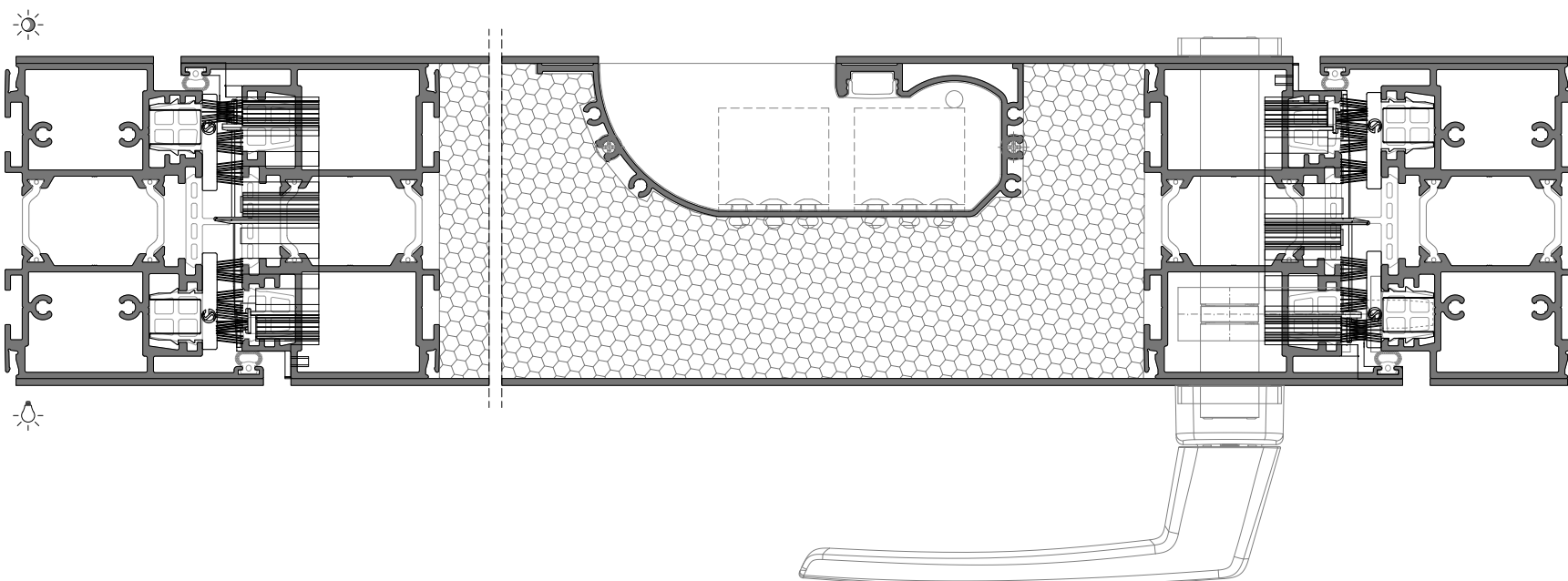
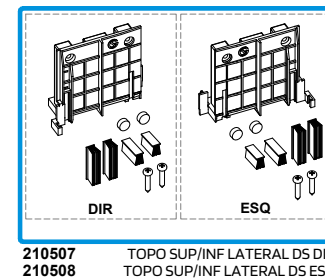
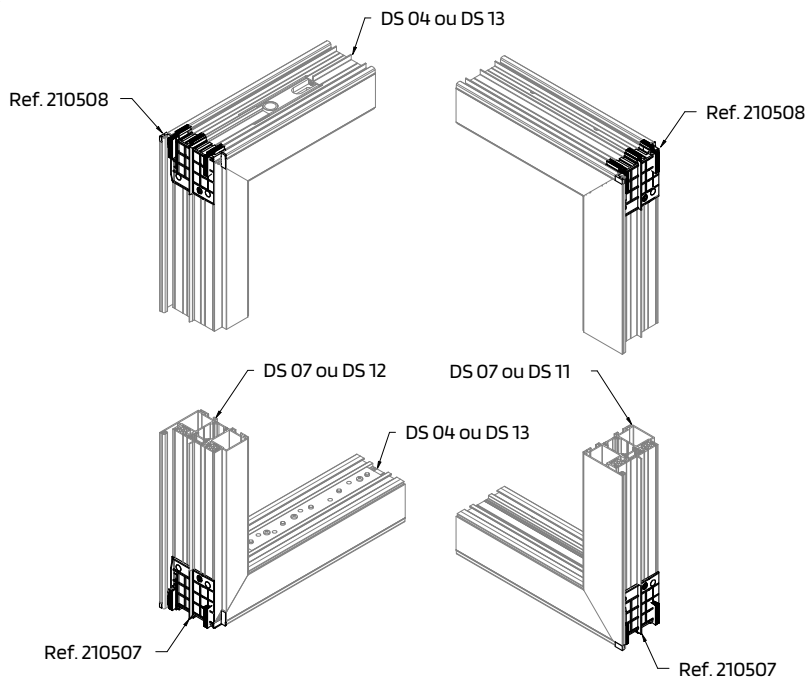


Corte a 45°
45° Cut | Coupe à 45°



APLICAÇÃO DOS TOPOS LATERAIS - NO ARO MÓVEL
LATERAL END-CAPS APPLICATION - MOBILE FRAME
ASSEMBLAGE D'EMBOUITS LATÉRAUX - CADRE OUVRANT

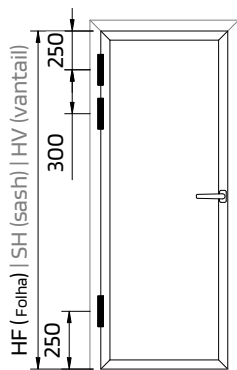
Para tipologias pivotantes
For pivoting typologies
Pour typologies pivotantes



MONTAGEM DA DOBRADIÇA OCULTA

CONCEALED HING ASSEMBLY

ASSEMBLAGE DE LA PAUMELLE CACHÉE



HF > 2200 mm: 3 dobradiças
HF > 2500 mm: 4 dobradiças
Com fechadura: ≥ 3 dobradiças

Peso máximo:

- 100 Kg: 2 dobradiças
- 140 Kg: 3 dobradiças

SH > 2200 mm: 3 hinges

SH > 2500 mm: 4 hinges

With lock: ≥ 3 hinges

Maximum weight:

- 100 Kg: 2 hinges
- 140 Kg: 3 hinges

HV > 2200 mm: 3 paumelles

HV > 2500 mm: 4 paumelles

With lock: ≥ paumelles

Poids maximal:

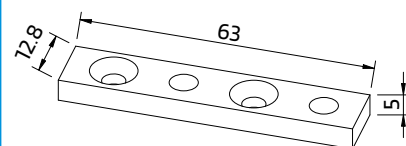
- 100 Kg: 2 paumelles
- 140 Kg: 3 paumelles



Peso máximo: 2 Dob. = 100Kg | 3 Dob. = 140Kg
Acabamento: Prata

202109

DOBRADIÇA OCULTA SOLID



Para aplicar com o Kit Dobradiça Oculta
Material: Inox | Acabamento: Inox

215504

PEÇA FIXAÇÃO DOB. OC. SOLID

Tabela de carga máxima por folha

Maximum load table per sash

Tableau de charge maximale par vantaill

ALTURA/folha (m) HEIGHT/sash (m) HAUTEUR/vantaill (m)	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400
3000													
2950													
2900													
2850													
2800													
2750													-4%
2700													-7%
2650											-4%	-11%	
2600											-7%	-14%	
2550										-4%	-11%	-18%	
2500										-8%	-15%	-21%	
2450								-4%	-12%	-19%	-25%		
2400								-8%	-15%	-22%	-29%		
2350							-4%	-12%	-19%	-26%	-32%		
2300							-8%	-16%	-23%	-30%	-36%		
2250						-4%	-13%	-20%	-27%	-33%	-39%		
2200						-9%	-17%	-24%	-31%	-37%	-43%		
2150						-5%	-13%	-21%	-28%	-35%	-41%	-46%	
2100						-9%	-17%	-25%	-32%	-38%	-44%	-50%	
2050					-5%	-14%	-22%	-29%	-36%	-42%	-48%	-54%	
2000					-10%	-18%	-26%	-33%	-40%	-46%	-52%	-57%	
1950				-5%	-14%	-23%	-30%	-38%	-44%	-50%	-56%	-61%	
1900				-10%	-19%	-27%	-35%	-42%	-48%	-54%	-59%	-64%	
1850			-5%	-15%	-24%	-32%	-39%	-46%	-52%	-58%	-63%	-68%	
1800			-11%	-20%	-29%	-36%	-43%	-50%	-56%	-62%	-67%	-71%	

LARGURA/folha (mm)

WIDTH/sash (mm) | LARGEUR/vantaill (mm)

- % Dimensão de dedução
Deduction dimension
Taille de la déduction

 2 dobradiças
2 hinges
2 paumelles

 3 dobradiças
3 hinges
3 paumelles

 4 dobradiças
4 hinges
4 paumelles

MONTAGEM DA DOBRADIÇA OCULTA - APLICAÇÃO NO ARO FIXO

CONCEALED HING ASSEMBLY - APPLICATION ON FIXED FRAME

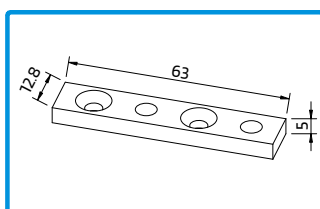
ASSEMBLAGE DE LA PAUMELLE CACHÉE - APPLICATION SUR LE CADRE FIXE



202109

DOBRADIÇA OCULTA SOLID

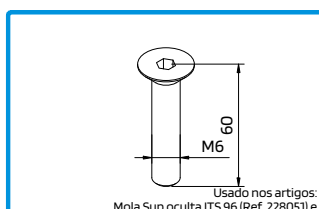
Peso máximo: 2 Dob. = 100Kg | 3 Dob. = 140Kg
Acabamento: Prata



215504

PEÇA FIXAÇÃO DOB. OC. SOLID

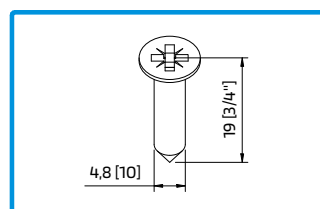
Para aplicar com o Kit Dobradiça Oculta
Material: Inox | Acabamento: Inox



290149

PARAFUSO DIN7991 M6X60 INOX A2

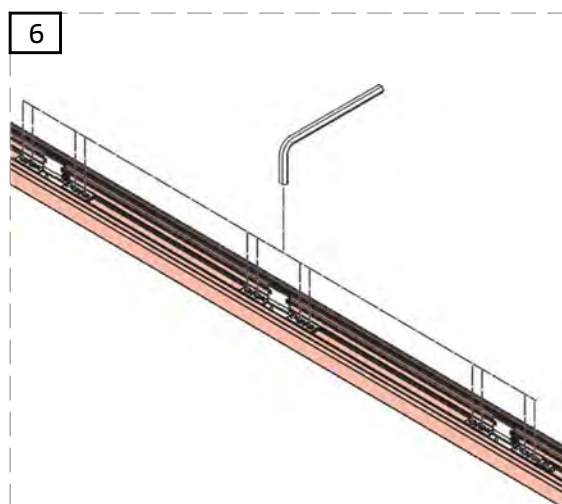
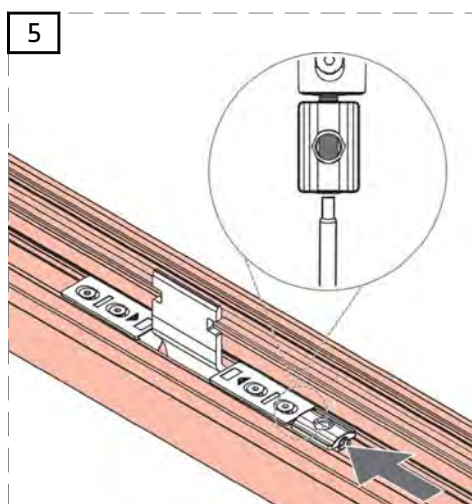
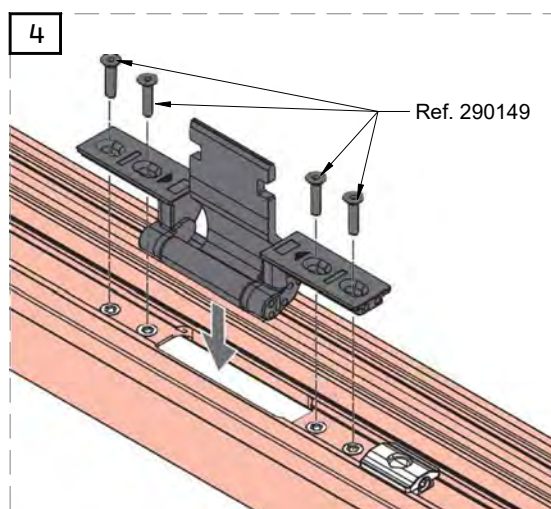
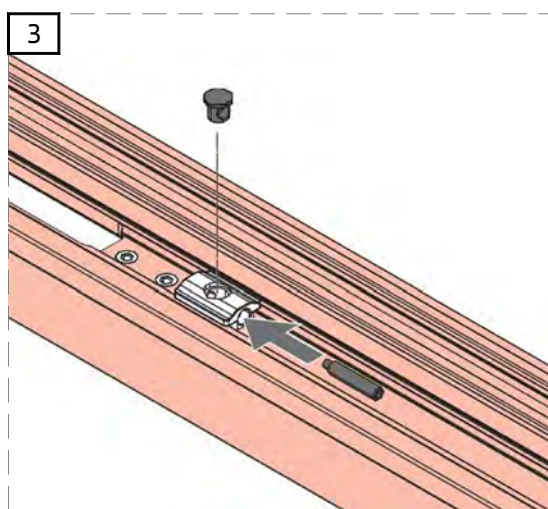
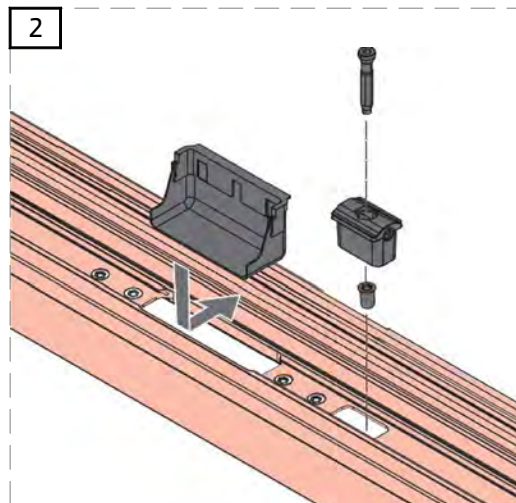
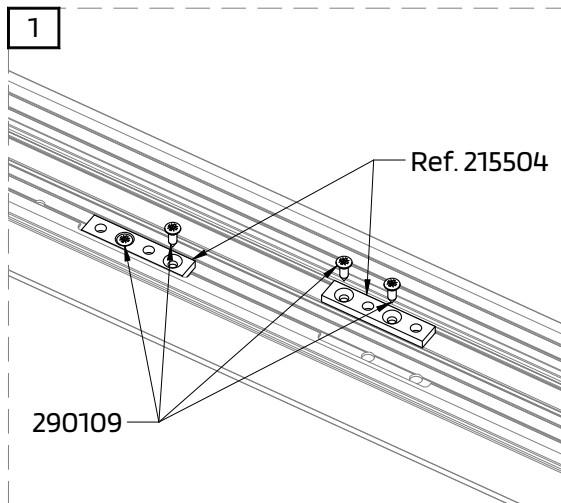
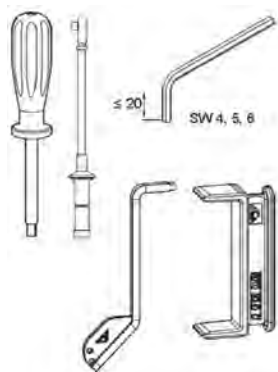
Usado nos artigos:
Mola Sup oculta ITS 96 (Ref. 228051) e
no Kit Dobradiça Oculta
Material: Inox | Acabamento: Inox



290109

PARAFUSO DIN7982 4,8x19 A2

Para fixação da Peça Fix Dobradiça Oculta
Material: Inox | Acabamento: Inox



MONTAGEM DA DOBRADIÇA OCULTA - APLICAÇÃO NO ARO MÓVEL

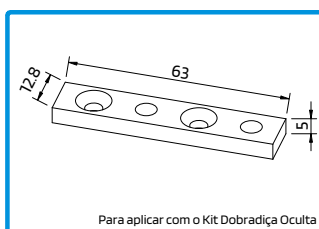
CONCEALED HING ASSEMBLY - APPLICATION ON MOBILE FRAME

ASSEMBLAGE DE LA PAUMELLE CACHÉE - APPLICATION SUR LE CADRE OUVRANT



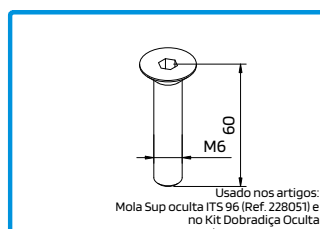
202109

DOBRADIÇA OCULTA SOLID



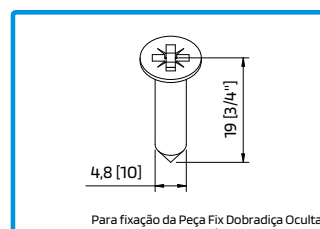
215504

PEÇA FIXAÇÃO DOB. OC. SOLID



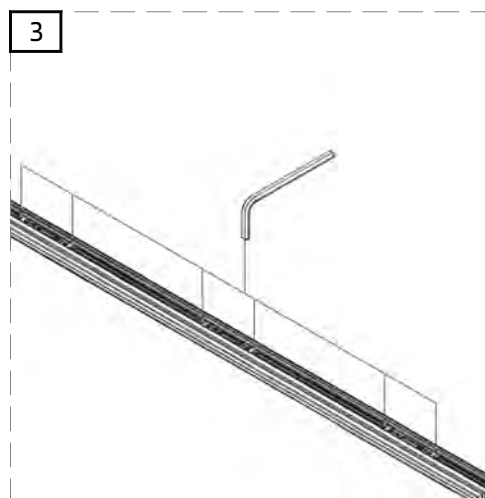
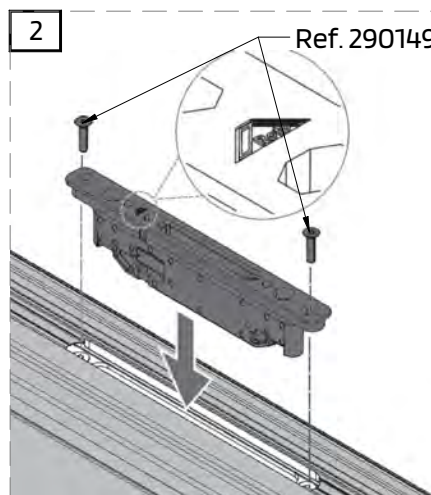
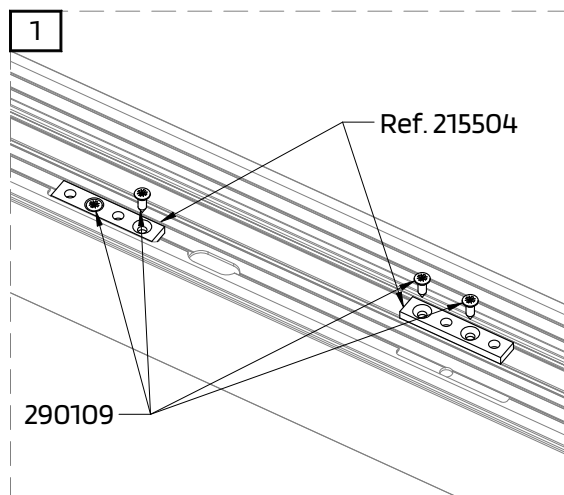
290149

PARAFUSO DIN7991 M6X60 INOX A2



290109

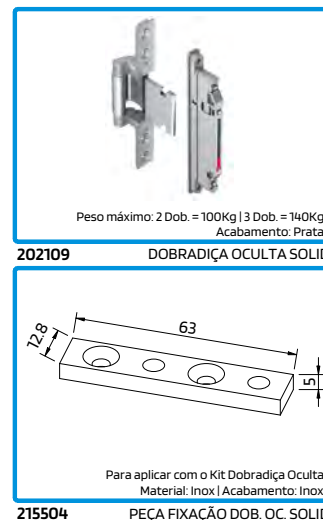
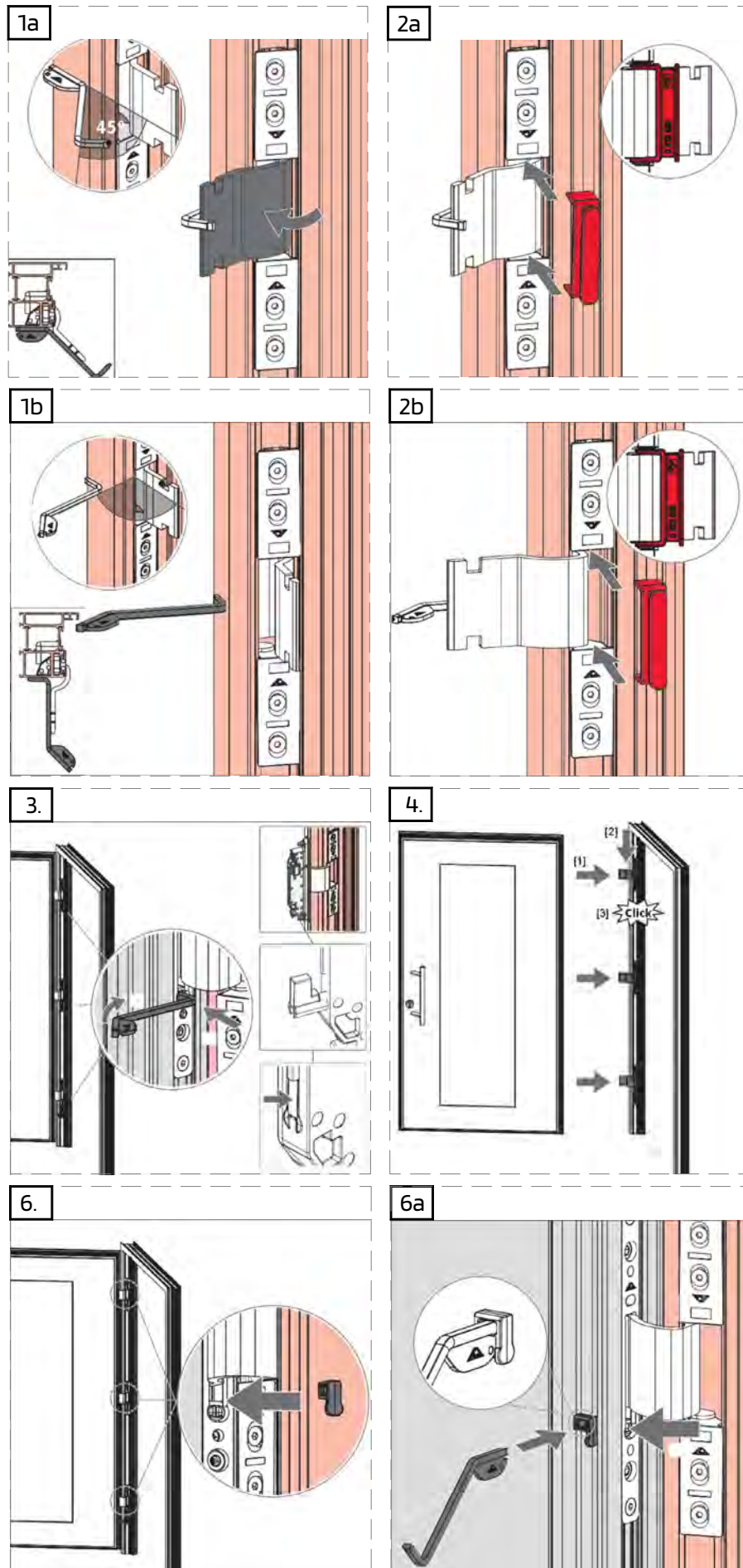
PARAFUSO DIN7982 4,8x19 A2



MONTAGEM DA DOBRADIÇA OCULTA - AFINAÇÕES DA DOBRADIÇA

CONCEALED HING ASSEMBLY - HINGE TUNINGS

ASSEMBLAGE DE LA PAUMELLE CACHÉE - RÉGLAGES DE LA PAUMELLE

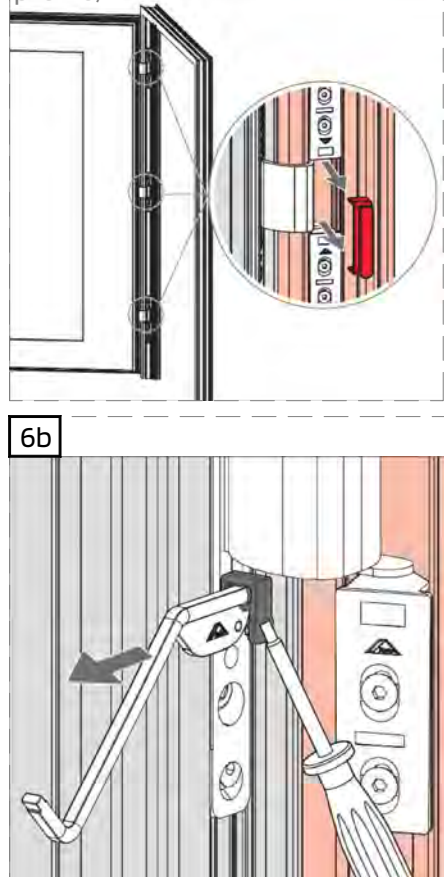


NOTA | NOTE | NOTE

Usar um batente de porta ou um limitador de abertura para evitar a colisão entre a folha e o aro (ângulo de abertura depende do perfil).

Use a door stopper or an opening limiter to prevent the sash from colliding with the frame (opening angle depends on the profile).

Utilisez un arrêt de porte ou un limiteur d'ouverture pour éviter que le vantail ne heurte le cadre (l'angle d'ouverture dépend du profilé).



MONTAGEM DA DOBRADIÇA OCULTA - AJUSTES

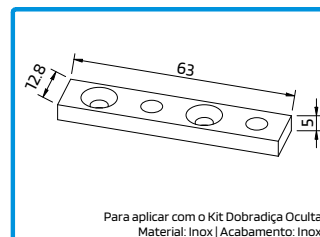
CONCEALED HING ASSEMBLY - ADJUSTMENTS

ASSEMBLAGE DE LA PAUMELLE CACHÉE - AJUSTEMENTS



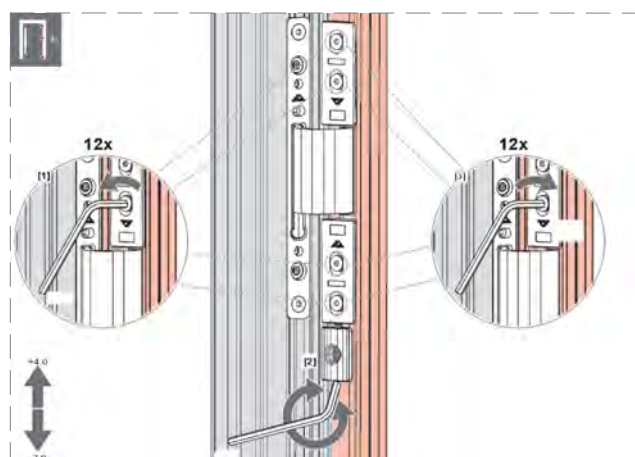
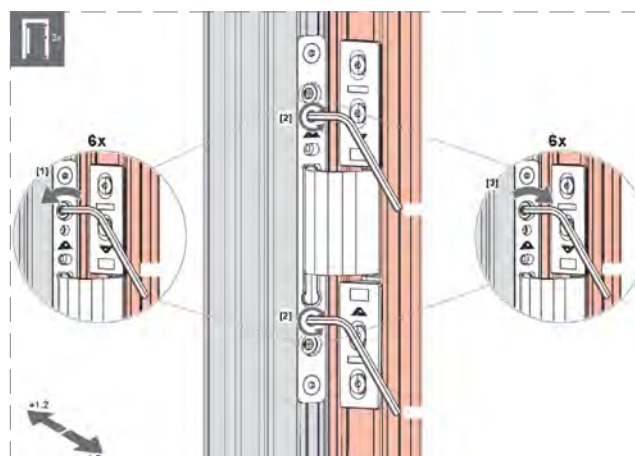
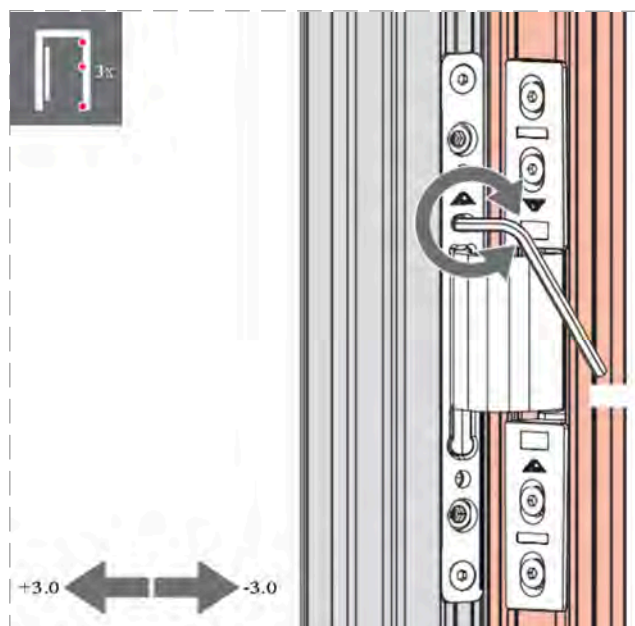
202109

DOBRADIÇA OCULTA SOLID



215504

PEÇA FIXAÇÃO DOB. OC. SOLID



MONTAGEM DA DOBRADIÇA OCULTA - DESMONTAGEM

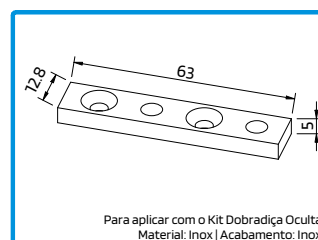
CONCEALED HING ASSEMBLY - DISMANTLING

ASSEMBLAGE DE LA PAUMELLE CACHÉE - DÉMONTAGE



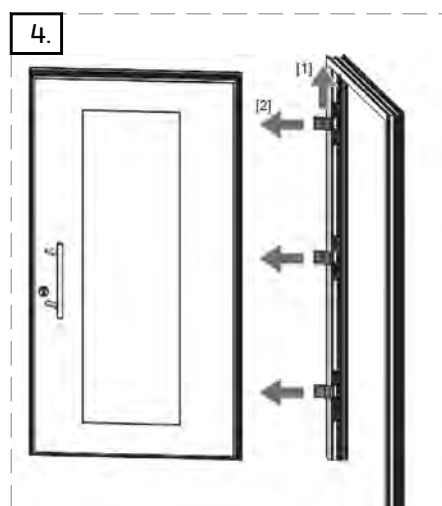
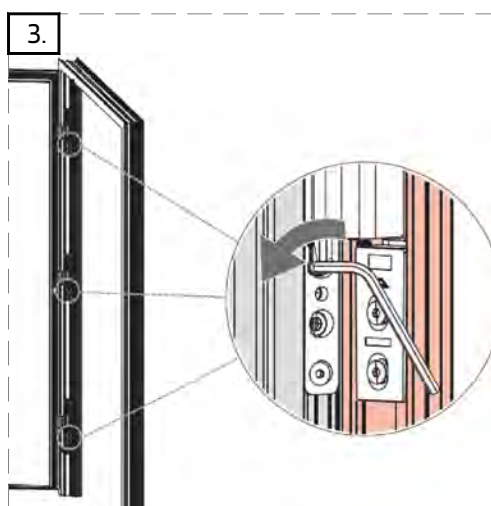
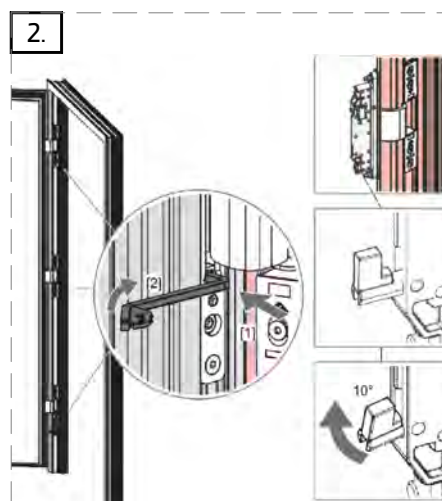
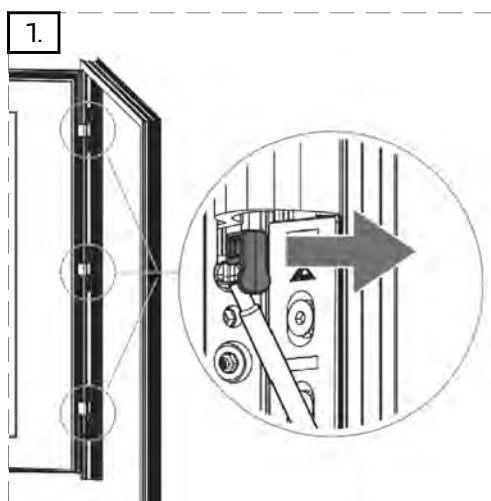
202109

DOBRADIÇA OCULTA SOLID



215504

PEÇA FIXAÇÃO DOB. OC. SOLID



APLICAÇÃO DA DOBRADIÇA PORTA DS 2L COM REGULAÇÃO 3D

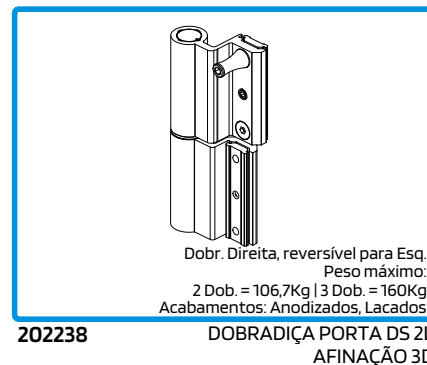
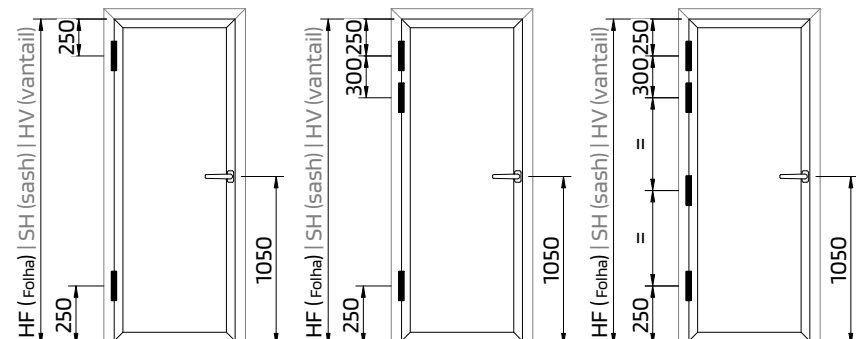
DOOR HINGE DS 2L WITH 3D TUNING APPLICATION

APPLICATION DE LA PAUMELLE POUR PORTE DS 2L AVEC RÉGLAGE 3D

Dobradiça para portas até 160 Kg - Dobradiças Classe 7

Hinge for doors up to 160kg - Hinges Class 7

Paumelles pour portes jusqu'à 160kg - Paumelles de classe 7



Nº de dobradiças para portas até 106,7 Kg

No. of hinges for doors up to 106.7 kg

No. de charnières pour les portes jusqu'à 106,7 kg

2600													
2500													
2400													
2300													
2200													
2100													
2000													
	600	800	900	1000	1050	1100	1150	1200	1250	1300	1400		

2 dobradiças
 2 hinges
 2 paumelles

3 dobradiças
 3 hinges
 3 paumelles

4 dobradiças
 4 hinges
 4 paumelles

Nº de dobradiças para portas de 106,7 Kg até 160 Kg

No. of hinges for doors from 106.7 Kg to 160 Kg

No. de paumelles pour portes de 106,7 Kg à 160 Kg

2600													
2500													
2400													
2300													
2200													
2100													
2000													
	600	800	900	1000	1050	1100	1150	1200	1250	1300	1400		

3 dobradiças
 3 hinges
 3 paumelles

4 dobradiças
 4 hinges
 4 paumelles

5 dobradiças
 5 hinges
 5 paumelles

Valores com sobrecarga

Values with overload

Valeurs avec surcharge

		Portas para uso residencial Doors for residential use Portes à usage résidentiel	120 Kg
		Portas para uso público Doors for public use Portes à usage public	110 Kg
		Portas para uso público com mola Doors for public use with door closer Portes pour l'usage public avec ferme-porte	90 Kg
		Portas para uso público com mola aérea Doors for public use with overhead spring Portes pour l'usage public avec ressorts	80 Kg

HF ≤ 2200mm: 2 dobradiças
 2200mm < HF ≤ 2500mm: 3 dobradiças
 HF > 2500mm: 4 dobradiças

HF ≤ 2200mm: 2 hinges
 2200mm < HF ≤ 2500mm: 3 hinges
 HF > 2500mm: 4 hinges

HF ≤ 2200mm: 2 paumelles
 2200mm < HF ≤ 2500mm: 3 paumelles
 HF > 2500mm: 4 paumelles

Peso/folha < 106,7Kg: 2 dobradiças
 106,7Kg < Peso/folha < 160Kg: 3 dobradiças

Weight/sash < 106,7Kg: 2 hinges
 106,7Kg < Weight/sash < 160Kg: 3 hinges

Poids/vantail < 106,7Kg: 2 paumelles
 106,7Kg < Poids/vantail < 160Kg: 3 paumelles

Nota:

A norma EN 1935:2009 sugere que uma dobradiça seja carregada com 2/3 do peso declarado no certificado CE, por isso recomenda o uso de 3 dobradiças por folha.

Note:

The EN 1935:2009 standard suggests that a hinge should be loaded with 2/3 of the weight stated on the CE certificate. This is why it recommends using 3 hinges per sash.

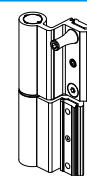
Note:

La norme EN 1935:2009 suggère qu'une paumelle doit être chargée à 2/3 du poids indiqué sur le certificat CE. C'est pourquoi elle recommande d'utiliser 3 paumelles par vantail.

APLICAÇÃO DA DOBRADIÇA PORTA DS 2L COM REGULAÇÃO 3D

DOOR HINGE DS 2L WITH 3D TUNING APPLICATION

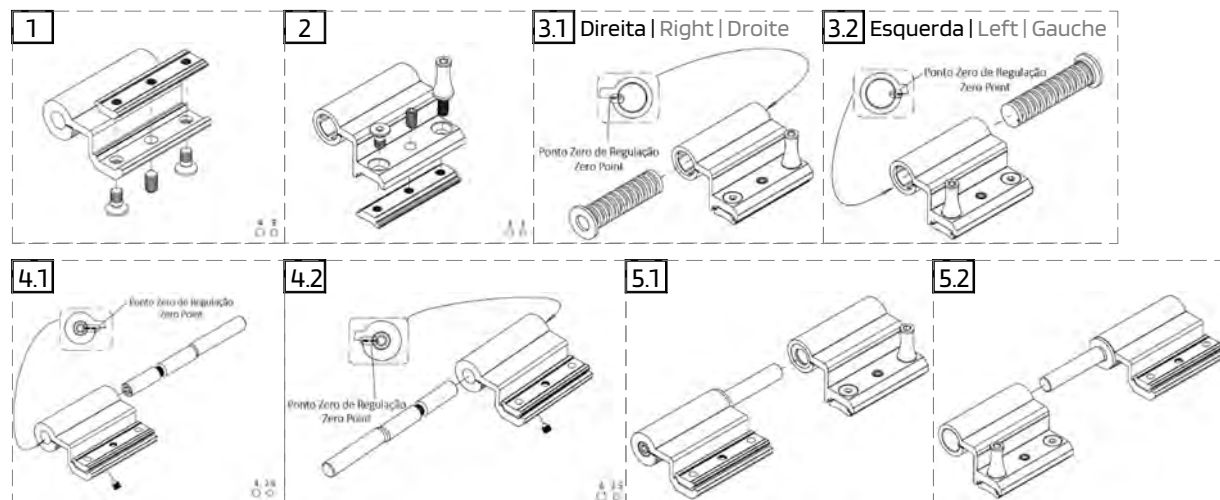
APPLICATION DE LA PAUMELLE POUR PORTE DS 2L AVEC RÉGLAGE 3D



Dobr. Direita, reversível para Esq.
Peso máximo:
2 Dob. = 106,7Kg | 3 Dob. = 160Kg
Acabamentos: Anodizados, Lacados

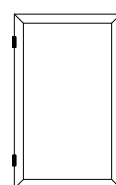
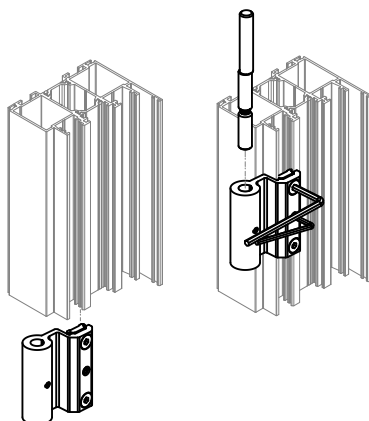
202238

DOBRADIÇA PORTA DS 2L
AFINAÇÃO 3D



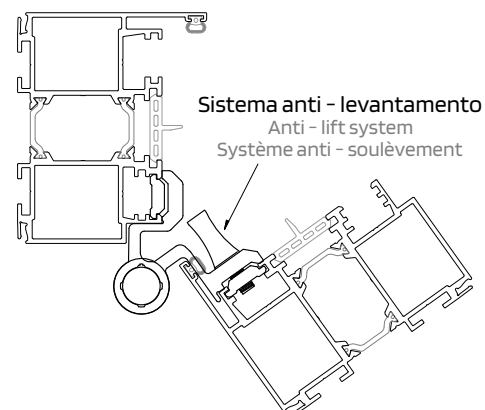
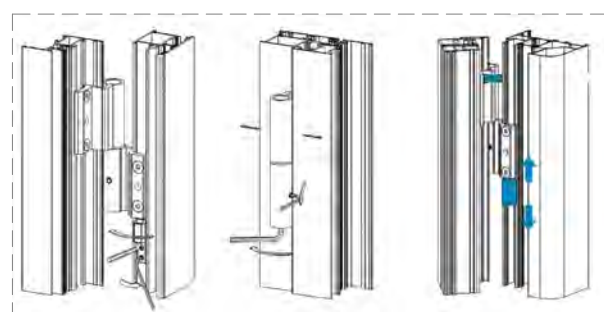
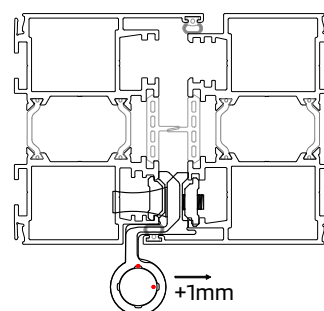
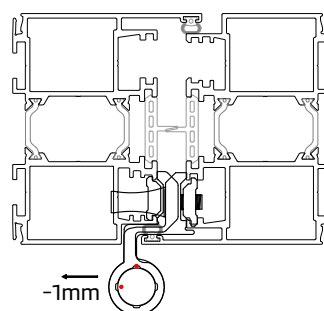
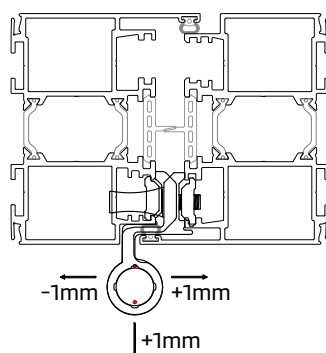
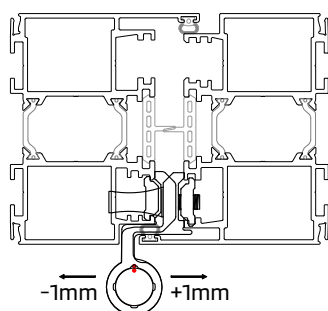
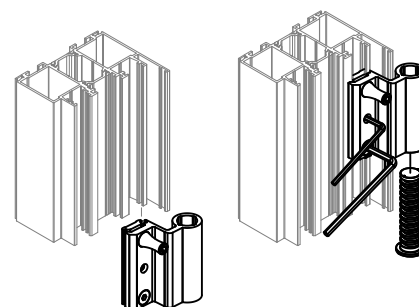
Aros fixos
Fixed frames
Cadres fixes

DS 07



Aros móveis
Mobile frames
Cadres ouvrants

DS 07 ou DS 11

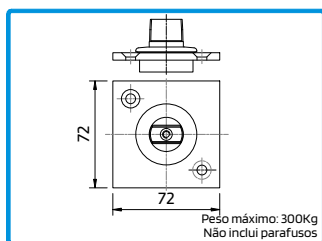


Sistema anti - levantamento
Anti - lift system
Système anti - soulèvement

MONTAGEM DA FERRAGEM PIVOT 300KG - NO ARO FIXO

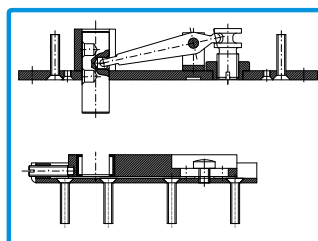
300KG PIVOTING HARDWARE ASSEMBLY - FIXED FRAME

ASSAMBLAGE DE FERRURE PIVOT 300KG - CADRE DORMANT



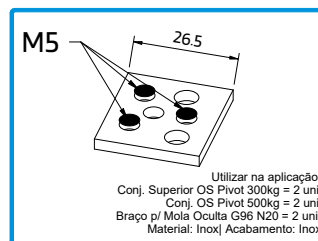
227114

PIVOT DE CHÃO 7471 AX



212331

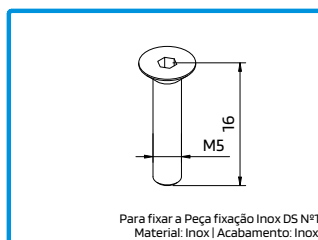
CONJ. SUPERIOR OS PIVOT 300KG



215041

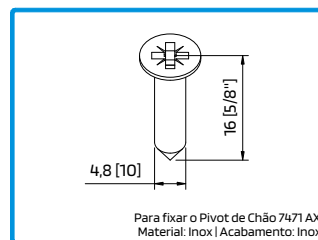
PEÇA FIXAÇÃO INOX DS Nº1

Nota: Este pormenor exemplificativo é válido para as tipologias com vidro.
Note: This illustrative detail is valid for glass types
Note: Ce détail illustratif est valable pour les types de verre



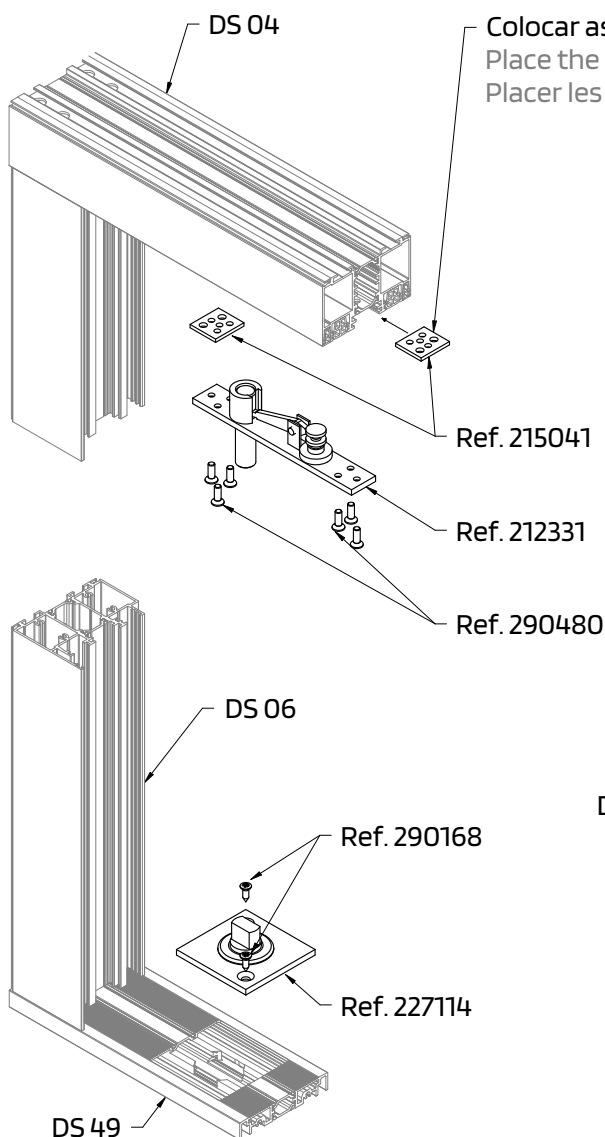
290480

Para fixar a Peça fixação Inox DS Nº1
Material: Inox | Acabamento: Inox

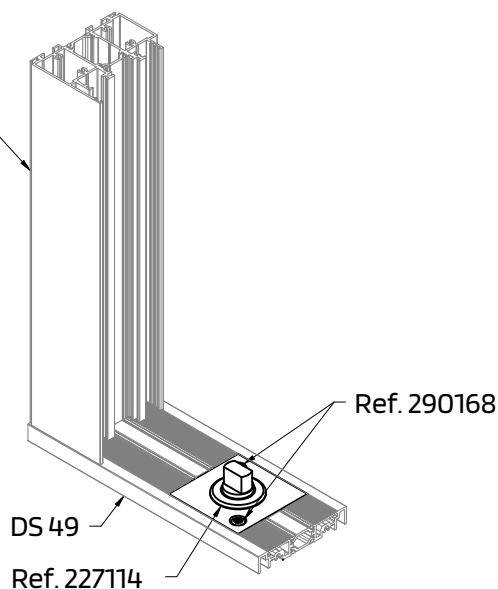
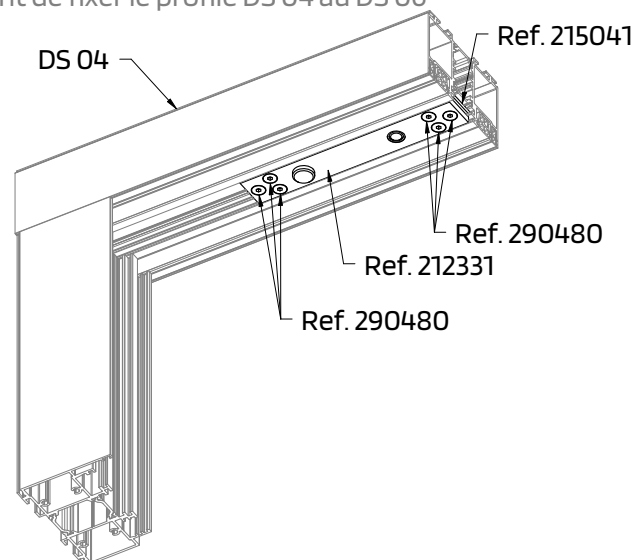


290168

Para fixar o Pivot de Chão 7471 AX
Material: Inox | Acabamento: Inox



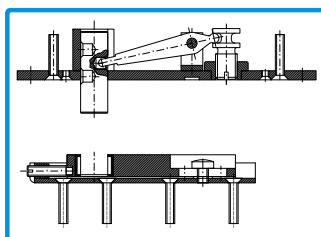
Colocar as peças antes de se fixar o perfil DS 04 ao DS 06
Place the parts before attaching the DS 04 profile to DS 06
Placer les pièces avant de fixer le profilé DS 04 au DS 06



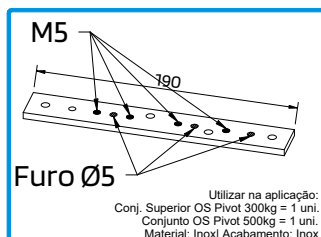
MONTAGEM DA FERRAGEM PIVOT 300KG - NO ARO MÓVEL

300KG PIVOTING HARDWARE ASSEMBLY - MOBILE FRAME

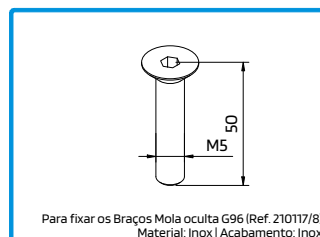
ASSAMBLAGE DE FERRURE PIVOT 300KG - CADRE OUVRANT



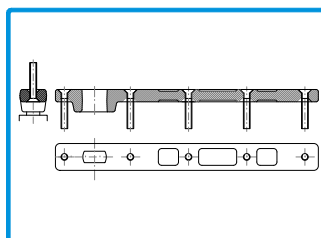
212331 CONJ. SUPERIOR OS PIVOT 300KG



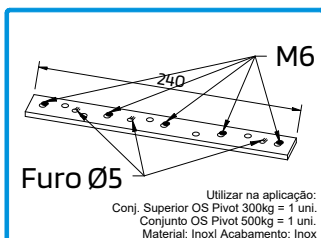
215042 PEÇA FIXAÇÃO INOX DS Nº2



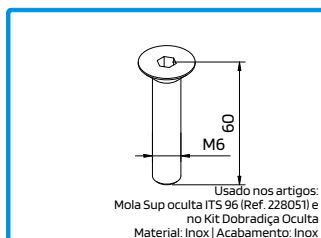
290148 PARAFUSO DIN7991 M5X50 INOX A2



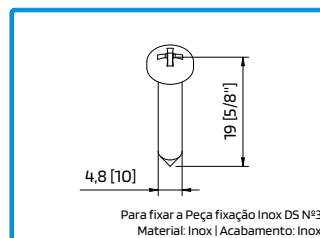
210121 BRAÇO INFERIOR OS PIVOT 300KG



215043 PEÇA FIXAÇÃO INOX DS Nº3

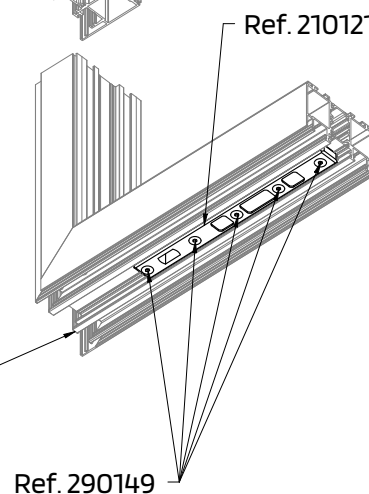
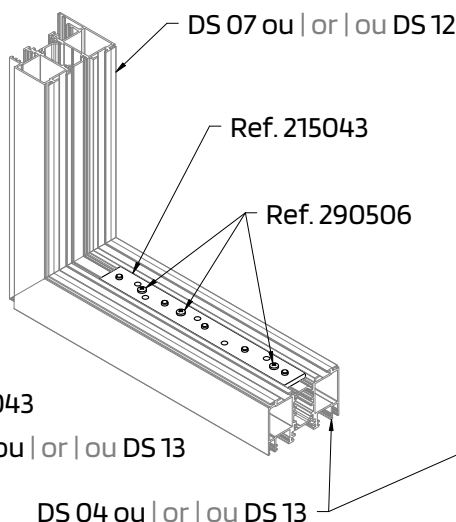
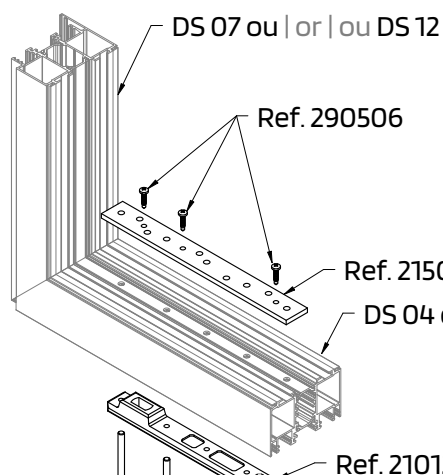
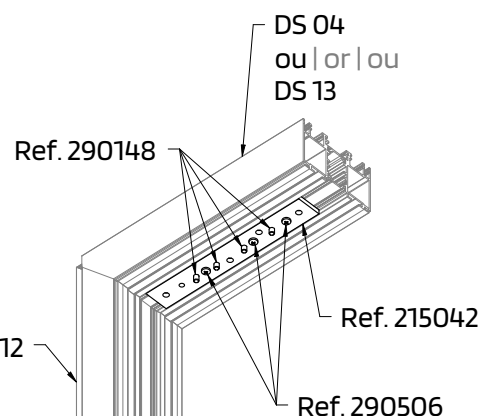
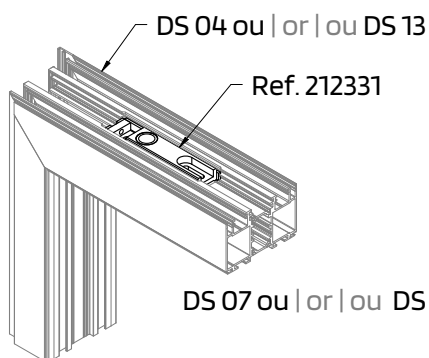
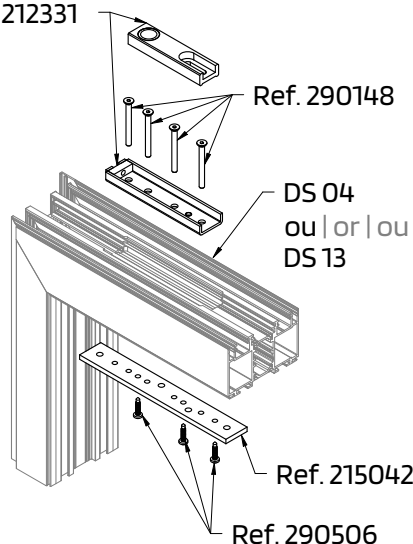


290149 PARAFUSO DIN7991 M6X60 INOX A2



290506 PARAF. PKI PH 3/4x10 CQ

Ref. 212331



Ref. 290149

Nota: Este pormenor exemplificativo é válido para as tipologias com vidro.
Note: This illustrative detail is valid for glass types
Note: Ce détail illustratif est valable pour les types de verre

MOLA DE PAVIMENTO M750

FLOOR SPRING M750

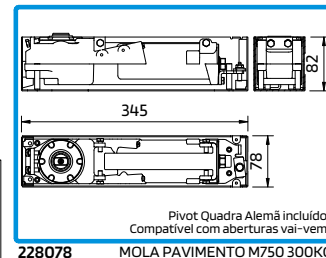
PIVOT À FREIN M750

IMPORTANTE | IMPORTANT | IMPORTANT:

Não manipular as válvulas sem ler o manual de instruções de montagem ou esta informação.

Do not operate the valves without reading the assembly instructions or this information

Ne pas manipuler les valves sans avoir lu les instructions d'assemblage ou ces informations.



CARACTERÍSTICAS

FEATURES | CARACTÉRISTIQUES

- Peso máximo: 300Kg**
Maximum weight: 300Kg
Poids maximal: 300Kg
- Direção de abertura da porta: Universal (aberturas esquerda e direita)**
Door opening direction: Universal (left and right openings)
Direction d'ouverture de la porte: Universel (ouvertures gauche et droite)
- Potência regulável EN 3-6 por meio de regulador contínuo**
Adjustable power EN 3-6 by means of stepless governor
Puissance réglable EN 3-6 au moyen d'un régulateur progressif
- Dois válvulas termostáticas independentes para uma regulação precisa da velocidade de fecho geral, do fecho final ou do amortecimento final.**
Two independent thermostatic valves for precise adjustment of general closing speed, final latch or final damping.
Deux vannes thermostatiques indépendantes pour un réglage précis de la vitesse de fermeture générale, du verrouillage final ou de l'amortissement final
- Abertura com retenção a 90°, 105° ou sem retenção**
Hold open at 90°, 105° or non hold open
Maintien en position ouverte à 90°, 105° ou sans maintien en position ouverte
- Ação de fecho retardado (opcional) entre aprox. 175° e 80° controlada por válvula hidráulica. Com esta opção, o fecho final não é efectuado**
Delayed closing action (optional) between approx. 175° and 80° controlled by hydraulic valve. With this option final latch is not performed
Action de fermeture retardée (en option) entre environ 175° et 80° contrôlée par une valve hydraulique. Avec cette option, le verrouillage final n'est pas effectué
- Eixo intercambiável (Italiano, Francês e Alemão) de 0 a +30 mm**
Interchangeable spindle (Italian, French and German) from 0 to +30 mm
Axe interchangeable de (Italien, français et Allemand) 0 à +30 mm
- Válvula de alívio de pressão para proteger a unidade contra abusos**
Overpressure relief valve to protect unit against abuse
Soupape de surpression pour protéger l'unité contre les abus
- Grande margem de regulação dentro da caixa para cimento, para resolver eventuais problemas de alinhamento no local sem desmontar a porta**
Wide margin of adjustment inside the cement box, to solve any alignment problems on site without dismantling the door
Large espace de réglage à l'intérieur de la boîte pour ciment, pour résoudre tout problème d'alignement sur place sans démonter la porte.

Força mínima

Minimum force

Force minimale

3 = 24 Nm

Força máxima

Maximum force

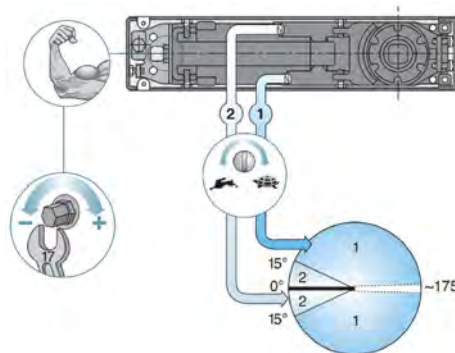
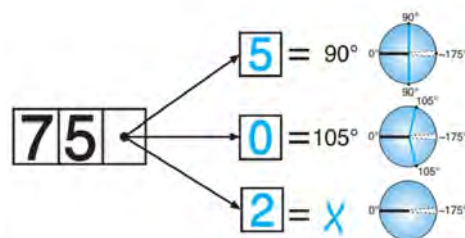
Force maximale

6 = 60 Nm



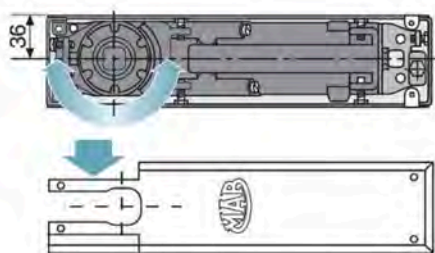
min. 850 x 2300 Kg 300

max. 1400 x 2500 Kg 300



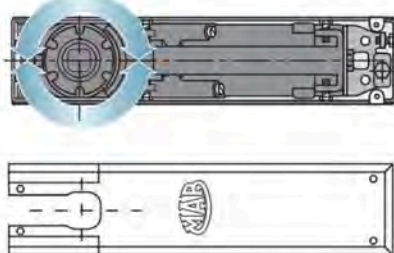
Direita

Right | Droite



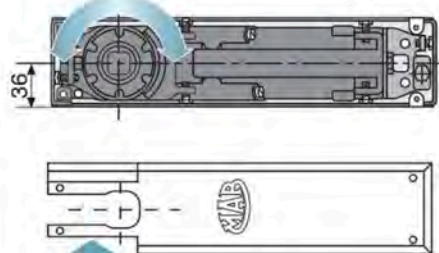
Dupla ação

Double action | Double action



Esquerda

Left | Gauche



ACABAMENTOS

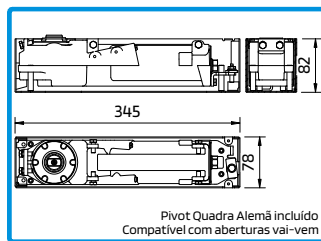
FINISHING | FINITIONS

- Placa de cobertura em aço polido, acetinado ou latão polido**
Coverplate in polishes stainless steel, satin or polished brass
Plaque de recouvrement en acier inoxydable poli, en laiton satiné ou poli

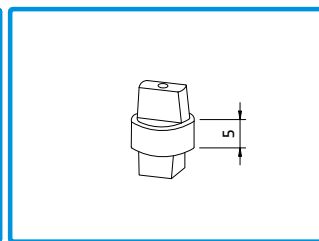
MOLA DE PAVIMENTO BTS 80

FLOOR SPRING BTS 80

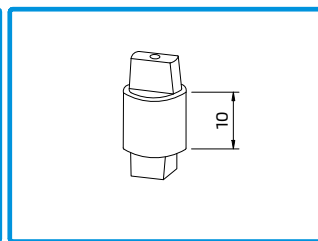
PIVOT À FREIN BTS 80



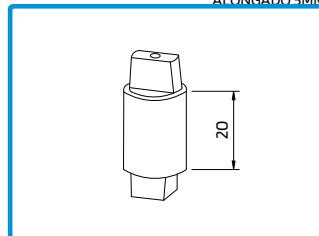
228078 MOLA PAVIMENTO M750 300KG



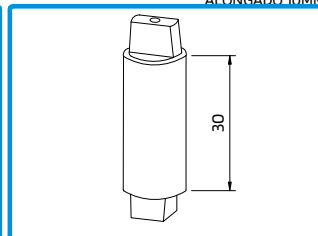
220012 EIXO SUBSTITUIÇÃO ALONGADO 5MM



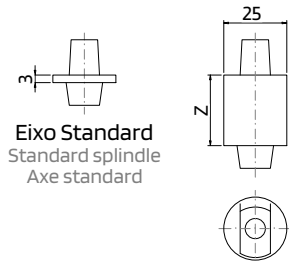
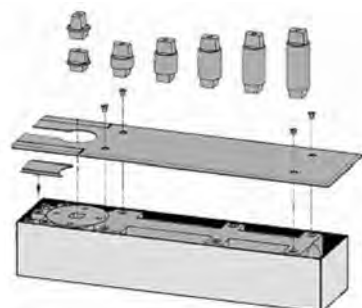
220013 EIXO SUBSTITUIÇÃO ALONGADO 10MM



220014 EIXO SUBSTITUIÇÃO ALONGADO 20MM

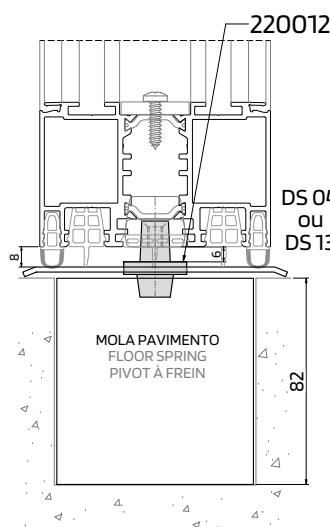


220015 EIXO SUBSTITUIÇÃO ALONGADO 30MM

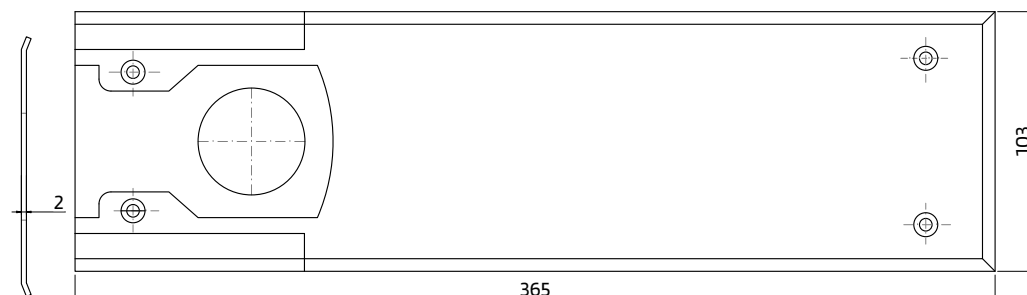
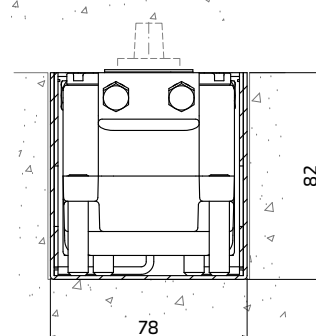
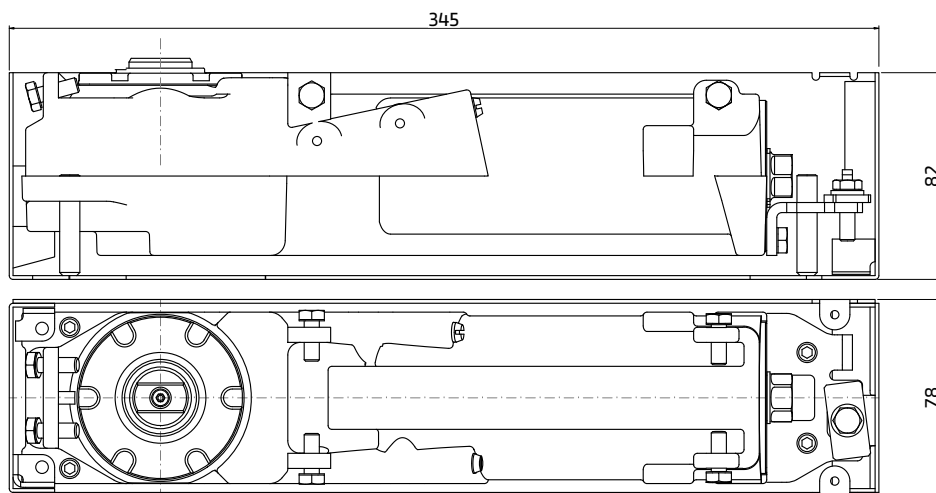
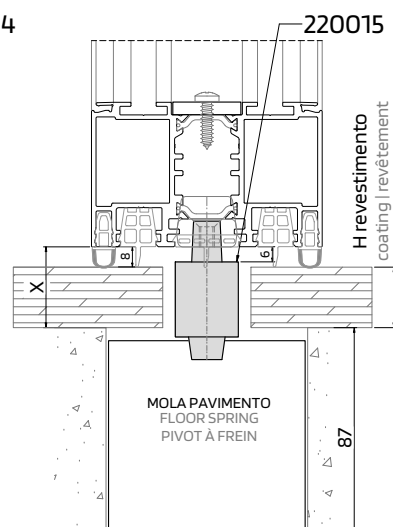
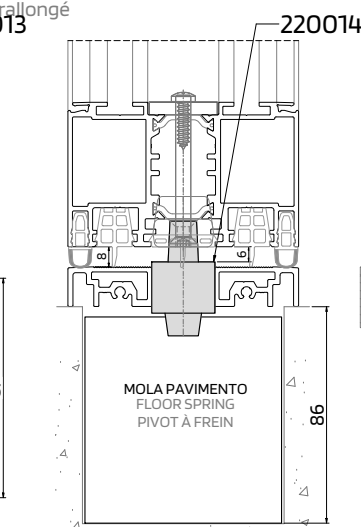
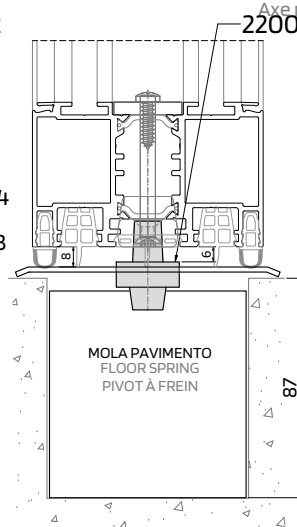


Eixo Standard
Standard spindle
Axe standard

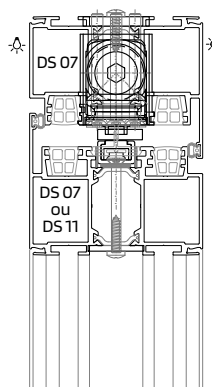
Eixo Alongado
Extended spindle
Axe rallongé



DS 04
ou
DS 13

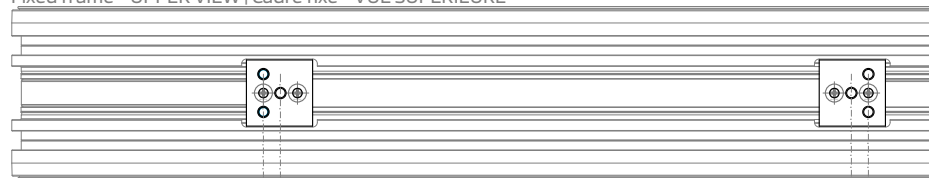


APLICAÇÃO DA MOLA SUPERIOR OCULTA EN 2-4 ITS 96 E DO BRAÇO PARA MOLA OCULTA
EN 2-4 ITS 96 UPPER CONCEALED DOOR CLOSER AND TOP STRAP APPLICATION
APPLICATION FERME-PORTES SUPÉRIEUR D'ENCASTRÉ EN 2-4 ITS 96 ET DU BRAS DU HAUT

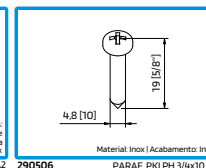
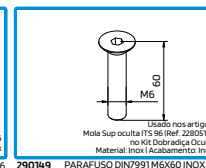
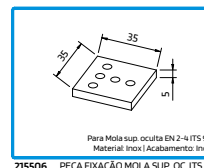


Aro fixo - VISTA SUPERIOR

Fixed frame - UPPER VIEW | Cadre fixe - VUE SUPÉRIEURE

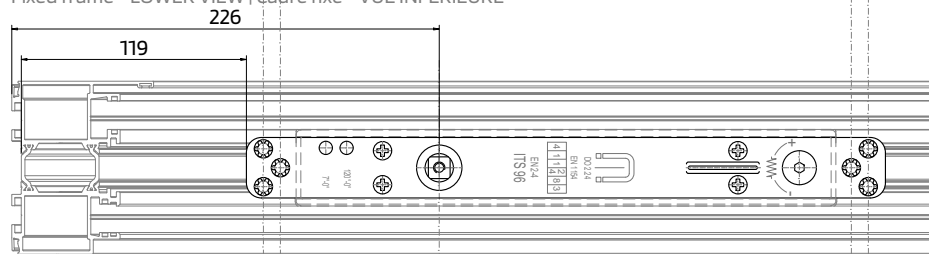


DS 07

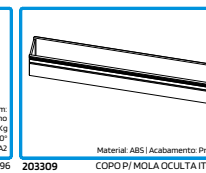
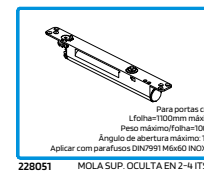


Aro fixo - VISTA INFERIOR

Fixed frame - LOWER VIEW | Cadre fixe - VUE INFÉRIEURE

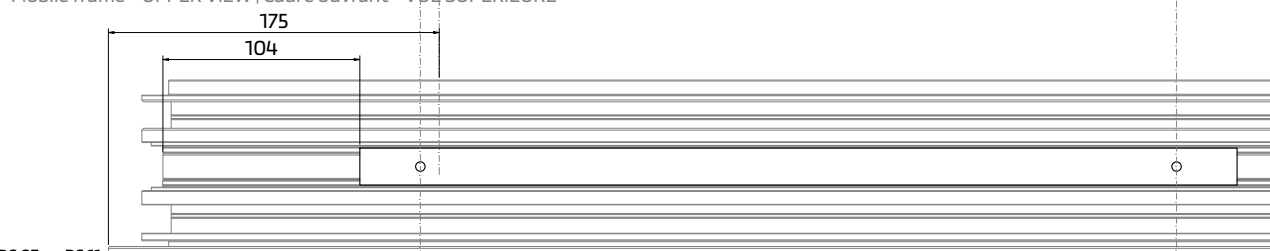


DS 07

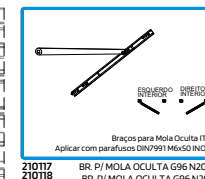


Aro móvel - VISTA SUPERIOR

Mobile frame - UPPER VIEW | Cadre ouvrant - VUE SUPÉRIEURE

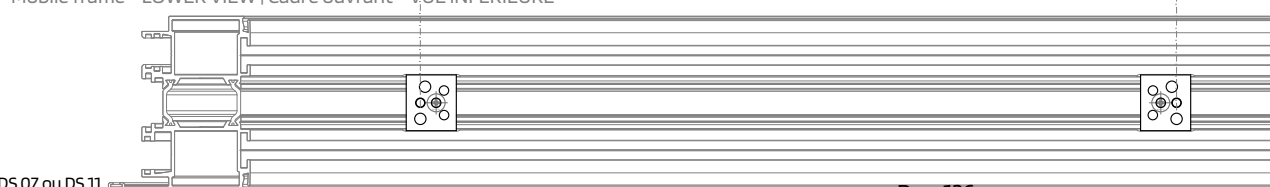


DS 07 ou DS 11

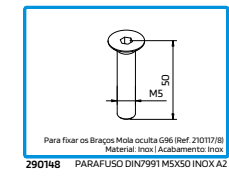
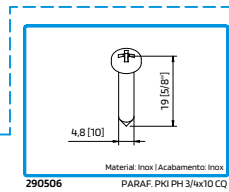
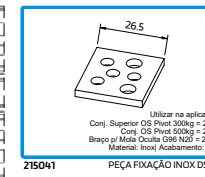


Aro móvel - VISTA INFERIOR

Mobile frame - LOWER VIEW | Cadre ouvrant - VUE INFÉRIEURE



DS 07 ou DS 11



MONTAGEM DA FECHADURA DE TRANCAS E ACESSÓRIOS - NO ARO FIXO

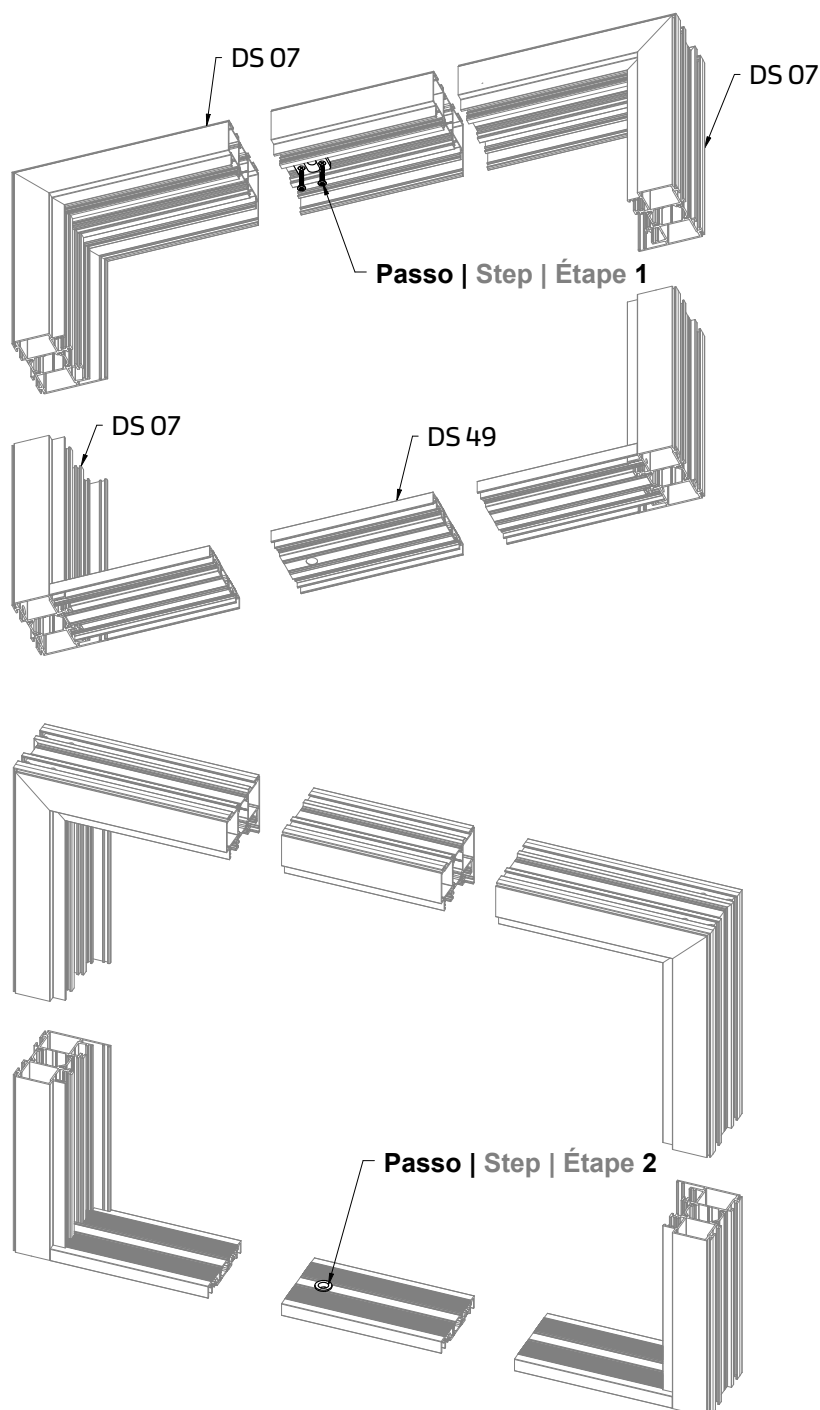
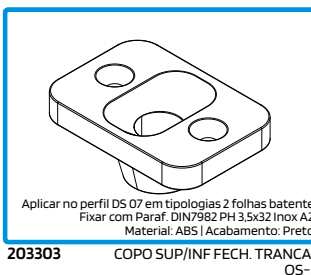
LOCKING HARDWARE AND ACCESSORIES ASSEMBLY - FIXED FRAME

ASSAMBLAGE DE SERRURE ET ACCESSOIRES - CADRE DORMANT

Aplicação dos copos inferior e superior no aro fixo.

For 1 sash side-hinged typologies

Pour typologies à battant 1 vantail



MONTAGEM DA FECHADURA DE TRANCAS E ACESSÓRIOS - NO ARO FIXO E FOLHA PASSIVA

LOCKING HARDWARE AND ACCESSORIES ASSEMBLY - FIXED FRAME AND PASSIVE SASH

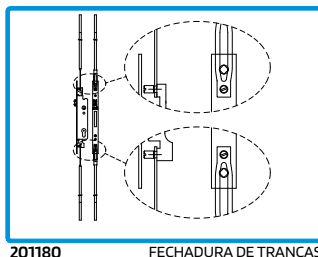
ASSAMBLAGE DE SERRURE ET ACCESSOIRES - CADRE DORMANT ET VANTAIL PASSIVE

Aplicação e fixação da fechadura de tranças e colocação das varetas na folha passiva

Application and fixing of the locking hardware and placement of the rods in the passive sash

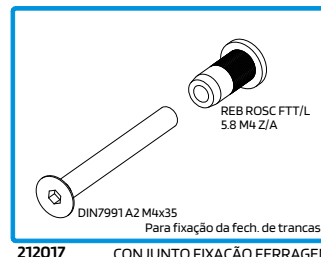
Application et fixation de la serrure et mise en place des tiges dans l'ouvrant passif

Nota: Este pormenor exemplificativo é válido para as tipologias com vidro.
Note: This illustrative detail is valid for glass types
Note: Ce détail illustratif est valable pour les types de verre



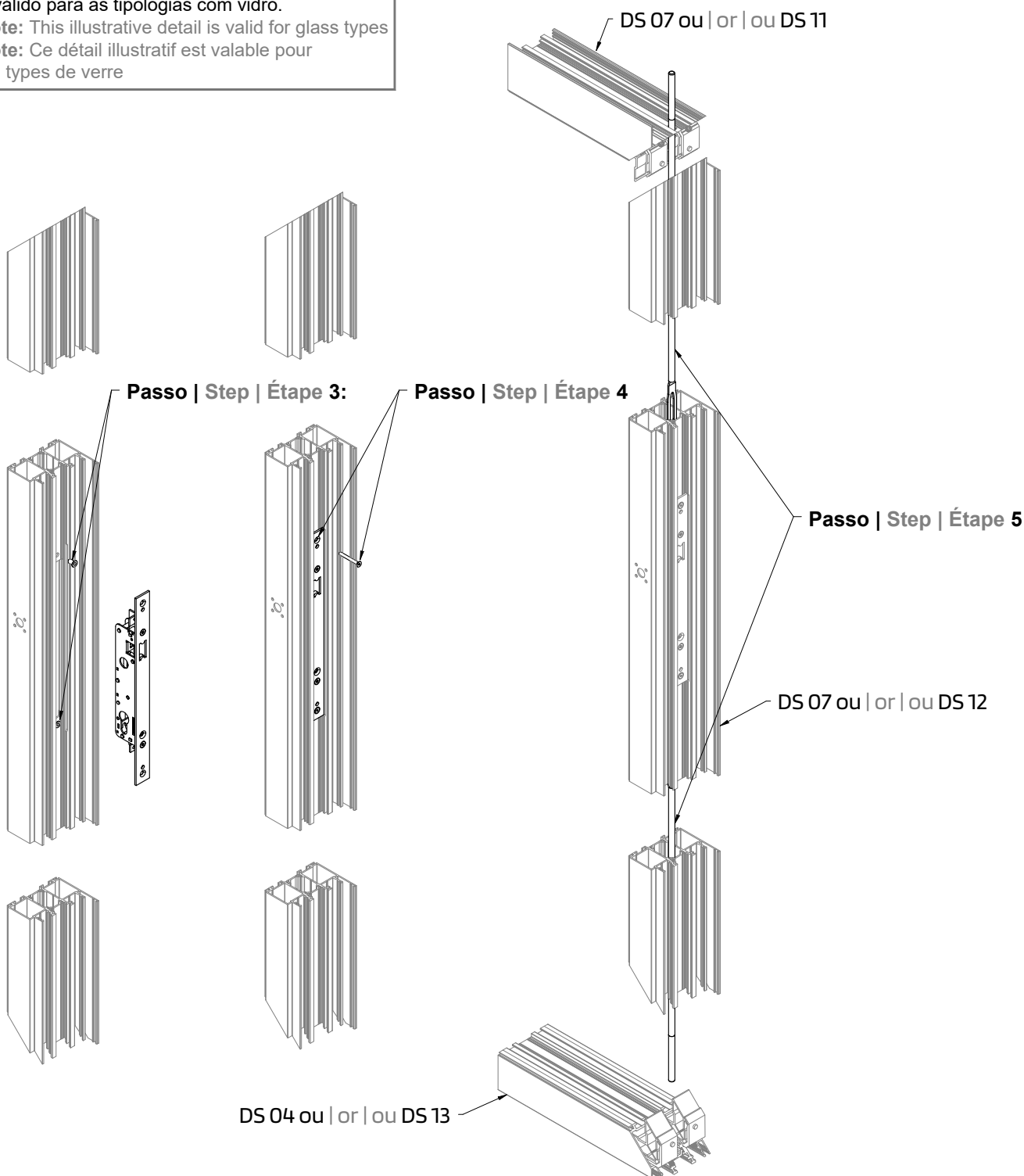
201180

FECHADURA DE TRANCAS



212017

CONJUNTO FIXAÇÃO FERRAGEM MULTI-PONTO



MONTAGEM DA FECHADURA DE TRANCAS E ACESSÓRIOS - NO ARO FIXO E FOLHA PASSIVA

LOCKING HARDWARE AND ACCESSORIES ASSEMBLY - FIXED FRAME AND PASSIVE SASH

ASSAMBLAGE DE SERRURE ET ACCESSOIRES - CADRE DORMANT ET VANTAIL PASSIVE

Aplicação e fixação da fechadura de tranças e colocação das varetas na folha passiva

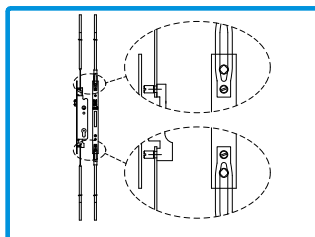
Application and fixing of the locking hardware and placement of the rods in the passive sash

Application et fixation de la serrure et mise en place des tiges dans l'ouvrant passif

Nota: Este pormenor exemplificativo é válido para as tipologias com vidro.

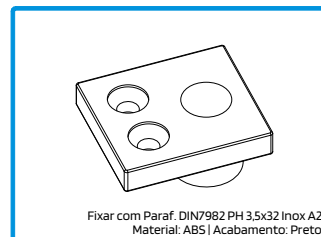
Note: This illustrative detail is valid for glass types

Note: Ce détail illustratif est valable pour les types de verre



201180

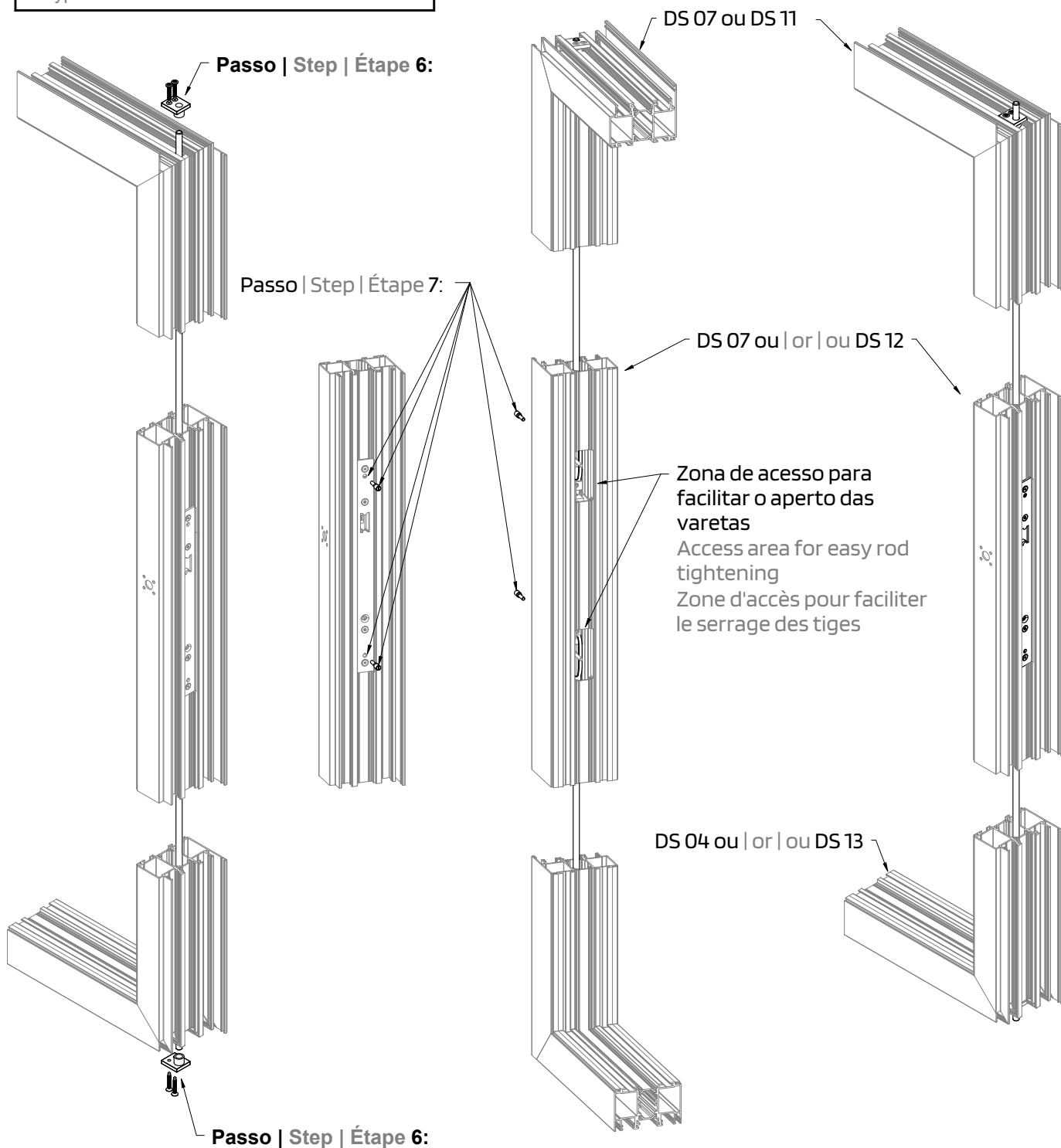
FECHADURA DE TRANCAS



207128

GUIA FECH. TRANCAS DS

Fixar com Paraf. DIN7982 PH 3.5x32 Inox A2
Material: ABS | Acabamento: Preto



APLICAÇÃO DA FECHADURA 3 PONTOS M2 35mm

3 POINTS M2 35mm LOCK APPLICATION

APPLICATION DE LA SERRURE 3 POINTS M2 35mm

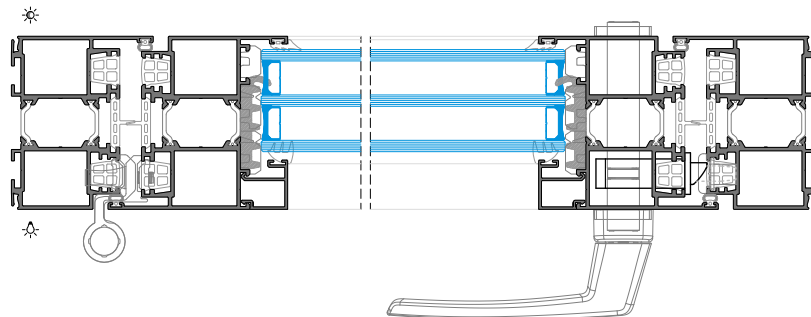
Aplicar a Fechadura Ref. 201138 (Esquerda) nas seguintes tipologias:

Apply Lock Ref. 201138 (Left) to the following typologies:

Appliquez la Serrure réf. 201138 (Gauche) aux typologies suivantes :

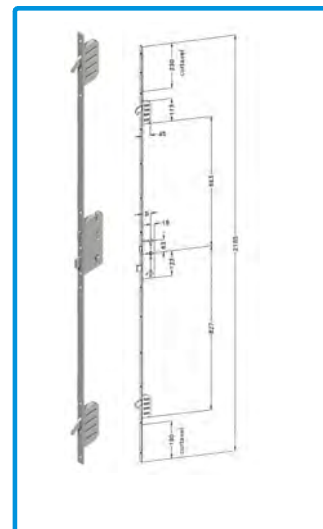
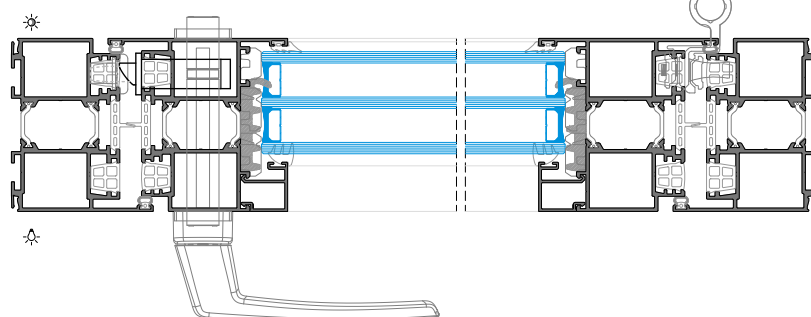
Porta de abertura para interior

Inward opening door | Porte d'ouverture vers l'intérieur



Porta de abertura para o exterior

Outward opening door | Porte d'ouverture vers l'extérieur



201138 FECHADURA 3 PONTOS M2 35MM ESQ

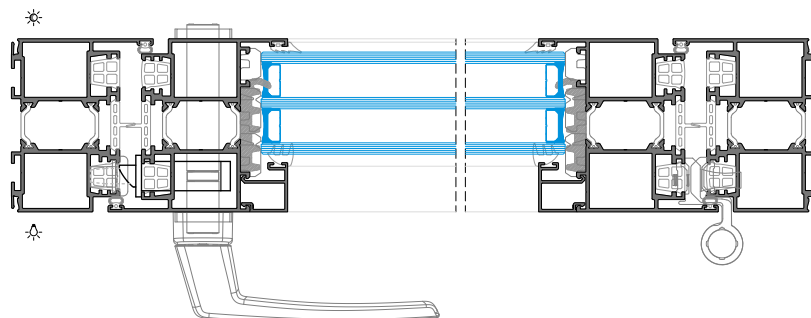
Aplicar a Fechadura Ref. 201112 (Direita) nas seguintes tipologias:

Apply Lock Ref. 201138 (Direita) to the following typologies:

Appliquez la Serrure réf. 201138 (Droite) aux typologies suivantes :

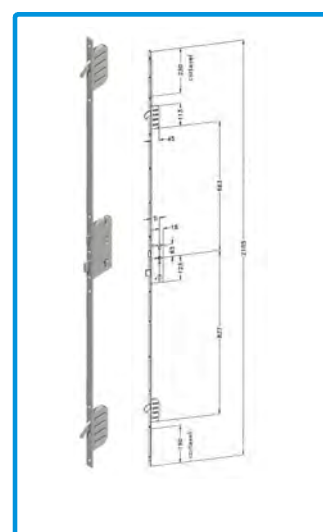
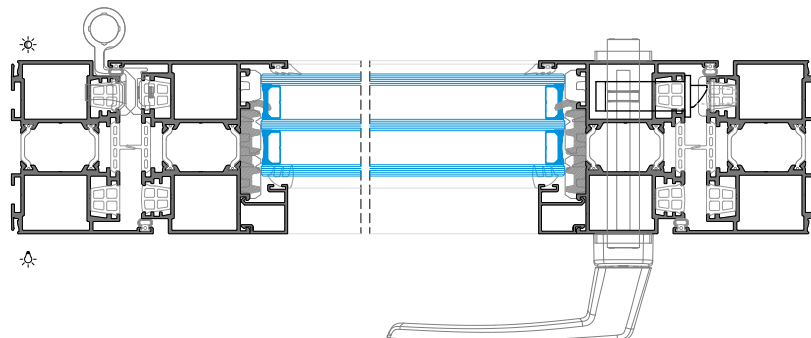
Porta de abertura para interior

Inward opening door | Porte d'ouverture vers l'intérieur



Porta de abertura para o exterior

Outward opening door | Porte d'ouverture vers l'extérieur



201112 FECH. 3 PONTOS M2 35mm

APLICAÇÃO DA TESTA CENTRAL E DA TESTA INF./ SUP. FECHADURA M2

M2 CENTRAL AND LOWER/UPPER STRICKING PLATE APPLICATION

APPLICATION DES GÂCHE CENTRALE ET INF./SUP. M2

Aplicar as Testas Ref. 280042 e Ref. 280043 nas seguintes tipologias:

Apply Stricking plates Ref. 280042 and Ref. 280043 to the following typologies:

Appliquez les Gâches Réf. 280042 et Réf. 280043 aux typologies suivants :



280042 TESTA CENTRAL FECHADURA M2

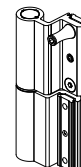
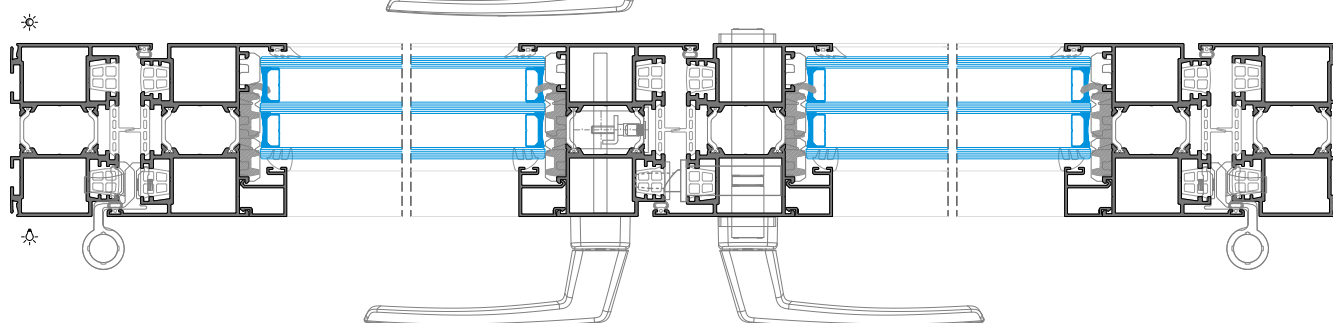
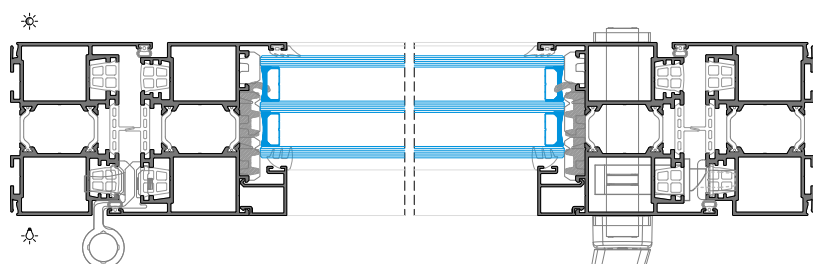


280043 TESTA INF./SUP. FECHADURA M2

Porta de abertura para interior - com Dobradiça Ref. 202238

Inward opening door - with Hing Ref. 202238

Porte d'ouverture vers l'intérieur - avec Paumelle Ref. 202238



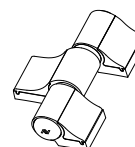
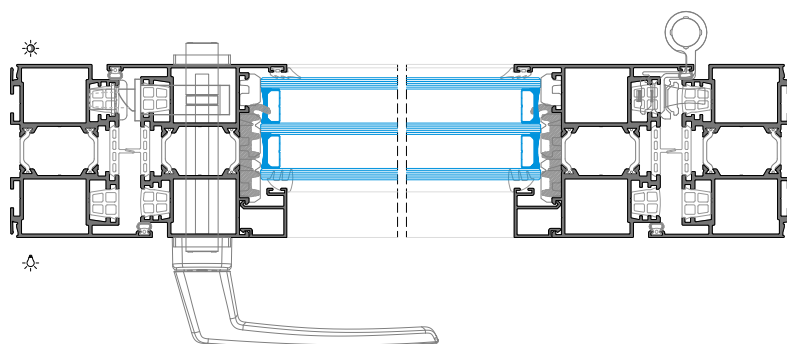
Dobr. Direita, reversível para Esq.
Peso máximo:
2 Dob. = 106,7Kg | 3 Dob. = 160Kg
Acabamentos: Anodizados, Lacados

202238 DOBRADIÇA PORTA DS 2L
AFINAÇÃO 3D

Porta de abertura para o exterior - com Dobradiças *Mechanica*

Outward opening door - with *Mechanica* hinges

Porte d'ouverture vers l'extérieur - avec Paumelles *Mechanica*



Dobradiças com
regulação nos 3 eixos
Fixar com 1 Kit T1145.715

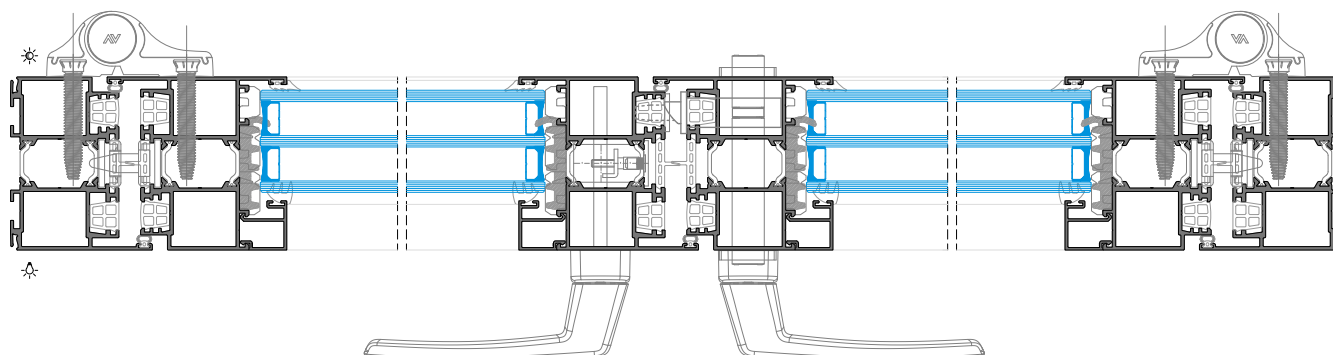
Dobradiça T1145.3/60:
distância entre eixos = 60mm
2 Dobradiças=160Kg
3 Dobradiças=180Kg

202610 DOB. MECHANICA 3 ABAS T1145.3/60



Dobradiça com regulação nos 3 eixos
Distância entre eixos = 60mm
Dobradiça certificada para peso máx.=160Kg
Fixar com 1 Kit T1145.705

202010 DOB. MECHANICA 2 ABAS T1145/60



APLICAÇÃO DO CONJUNTO CHAPAS TESTAS LISA

STRICKING PLATE KIT APPLICATION

APPLICATION DU KIT DE GÂCHES

Aplicar o Conjunto Ref. 212424 nas seguintes tipologias:

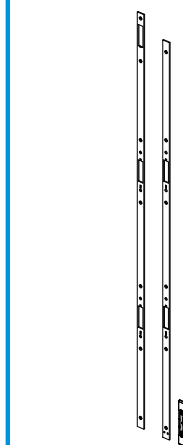
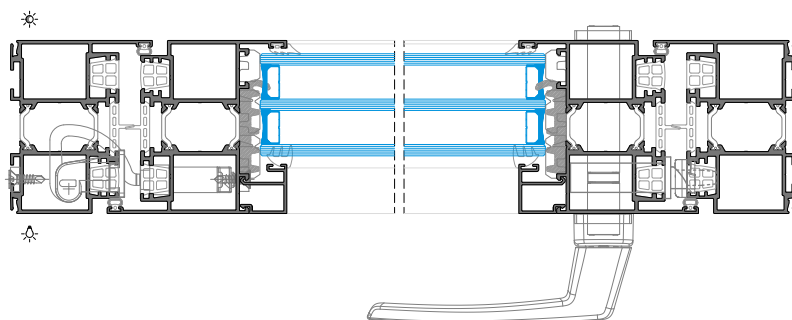
Apply the kit Ref. 212424 to the following typologies:

Appliquez le Kit Réf. 212424 aux typologies suivantes :

Porta de abertura para interior - com Dobradiça Ref. 202109

Inward opening door - with Hing Ref. 202109

Porte d'ouverture vers l'intérieur - avec Paumelle Ref. 202109



Para aplicar com a Fechadura 3 pontos M2 35mm (Ref. 201112), em tipologias de batente com a utilização da Dobradiça Oculta ou em tipologias pivotantes
Material: Inox

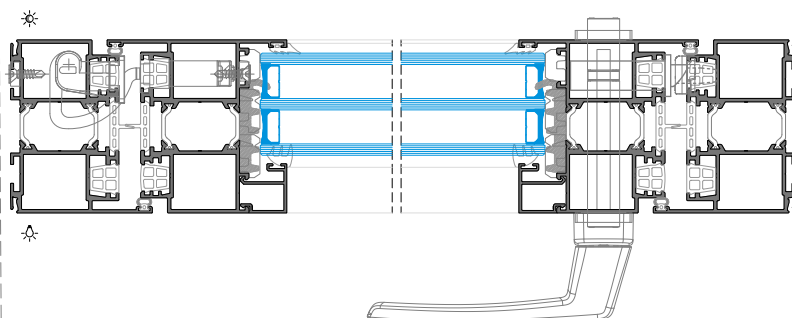
212424

CONJ. CHAPA TESTA LISA

Porta de abertura para o exterior - com Dobradiça Ref. 202109

Outward opening door - with Hing Ref. 202109

Porte d'ouverture vers l'extérieur - avec Paumelle Ref. 202109



Peso máximo: 2 Dob. = 100Kg | 3 Dob. = 140Kg
Acabamento: Prata

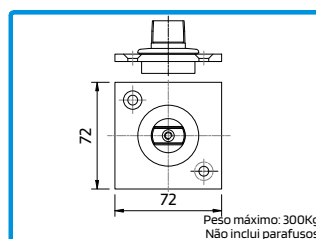
202109

DOBRADIÇA OCULTA SOLID

Porta pivotante

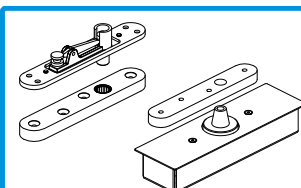
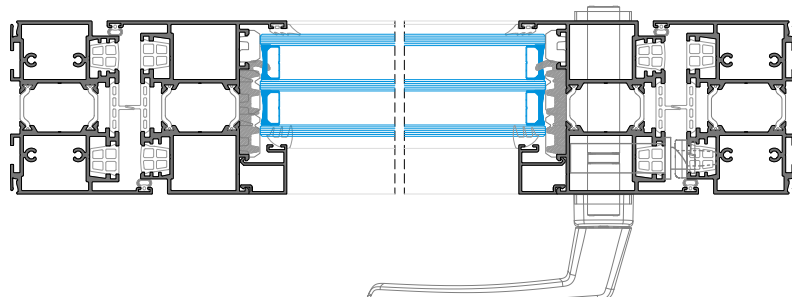
Pivoting door

Porte pivotant



227114

PIVOT DE CHÃO 7471 AX



Peso máximo: 500Kg/folha
Largura máxima por folha: 1500mm
Para larguras superiores, consultar Gab. Técnico

212324

CONJUNTO OS PIVOT 500KG

VII

ANOTAÇÕES
ANNOTATIONS | REMARQUES

ATUALIZAÇÕES REALIZADAS NESTA VERSÃO UPDATES DONE IN THIS VERSION LES MISES À JOUR EFFECTUÉES DANS CETTE VERSION	
1	CAP VI - MONTAGENS Acrescentada informação sobre a Fechadura 3 pontos M2 35 (Refs. 201138 e 201112), aplicação das testas central (Ref. 280042) e inf/sup (Ref. 280043) e aplicação do Conjunto chapa testa lisa (Ref. 212424). CHAPTER VI - ASSEMBLIES Added information about the M2 35 3-point Lock (Ref. 201138 and 201112), application of the Striking plates (Ref. 280042) and lower/upper Striking plate (Ref. 280043) and application of the Striking plate kit (Ref. 212424) CHAPITRE VI - ASSEMBLAGES Ajout d'informations sur la Serrure à 3 points M2 35 (réf. 201138 et 201112), l'application des gâches (réf. 280042) et des gâches inférieure/supérieure (réf. 280043) et l'application du kit de gâches (réf. 212424).

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