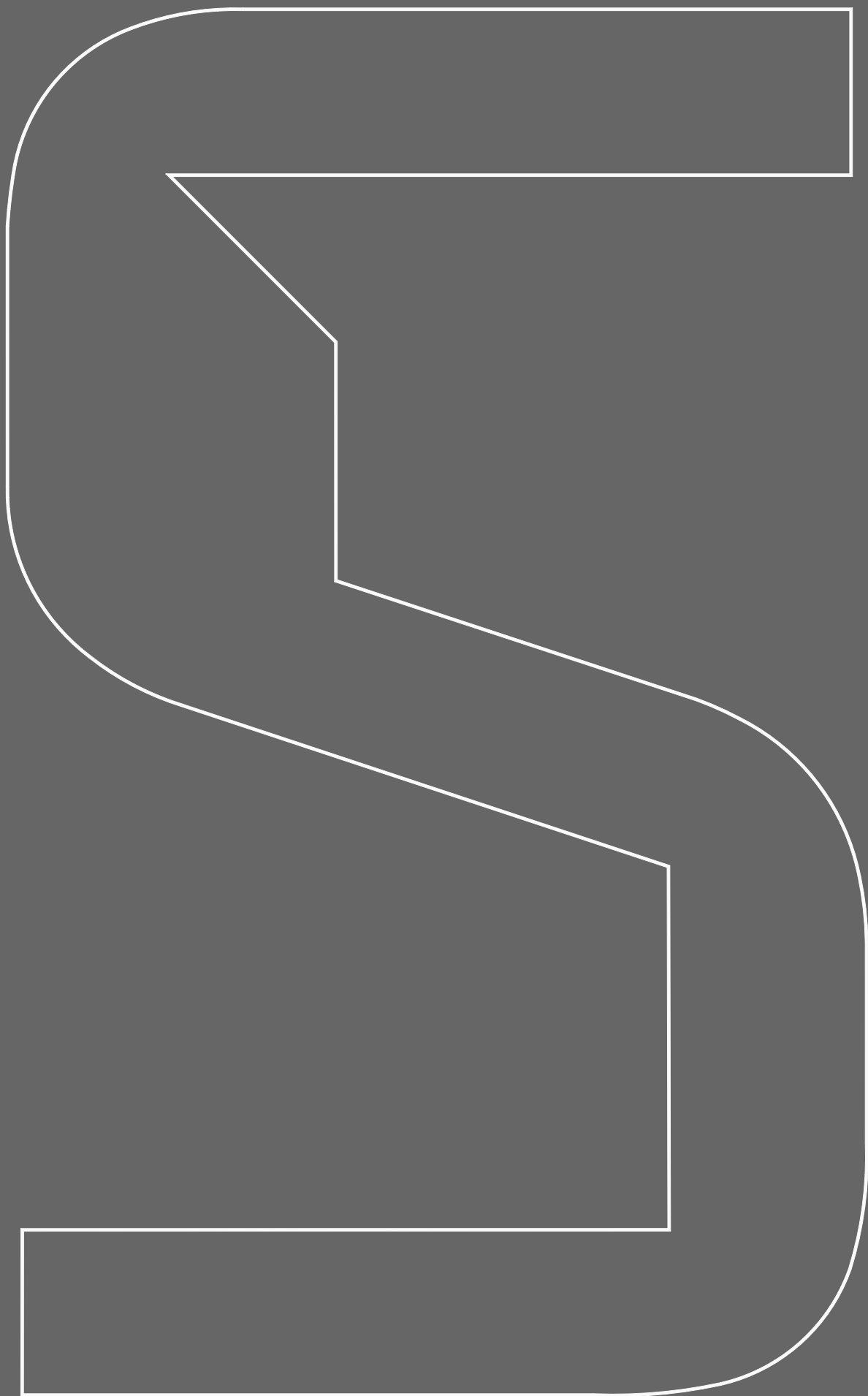


DS

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



ÍNDICE

TABLE OF CONTENTS | TABLE DE MATIÈRES

Apresentação Presentation Présentation	I
Listagem de perfis Profiles list Liste des profilés	II
Listagem de acessórios Accessories list Liste d'accessoires	III
Tipologias e mapas de quantidades Typologies and quantity maps Typologies et cartes des quantités	IV
Tipologias com apainelados Typologies with panels Typologies avec panneaux	IV.1
Tipologias com vidro Typologies with glass Typologies avec verre	IV.2
Maquinações, cortes e fresagens Machinings, cuts and millings Usinages, coupes et fraisages	V
Perfis Profiles Profilés	V.1
Ferragens e acessórios Hardware and accessories Ferrures et accessoires	V.2
Fechaduras Locks Serrures	V.3
Montagens Assemblies Assamblages	VI
Perfis Profiles Profilés	VI.1
Ferragens e acessórios Hardware and accessories Ferrures et accessoires	VI.2
Anotações Annotations Remarques	VII



APRESENTAÇÃO
PRESENTATION | PRÉSENTATION

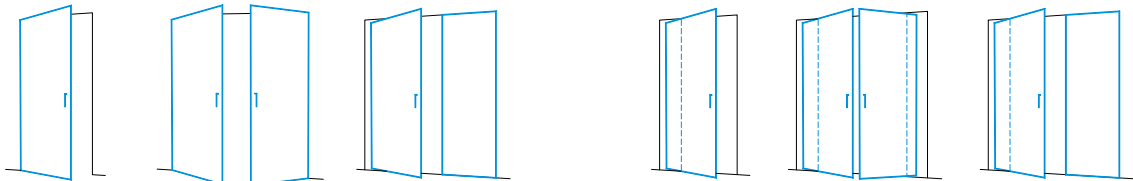
sistema de portas com rutura térmica
doors system with thermal break
système de portes à rupture de pont thermique

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

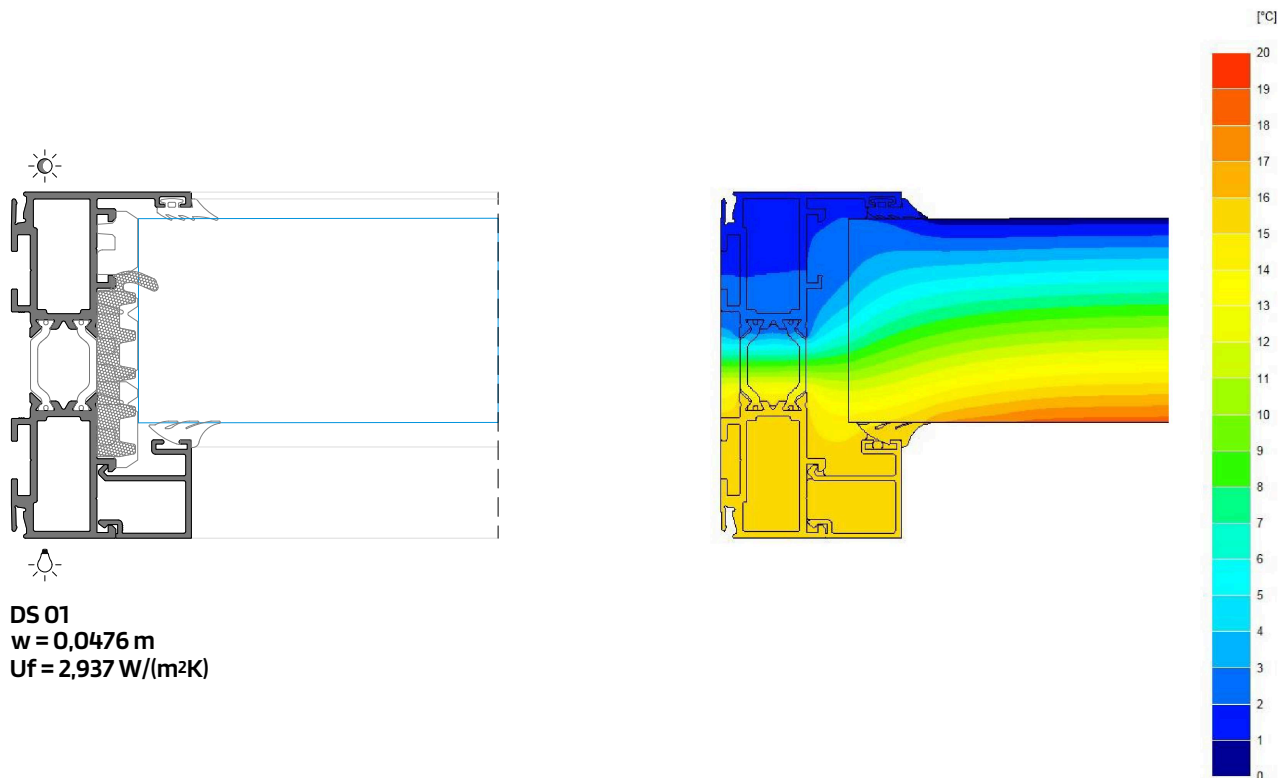


Todas as medidas são consideradas em mm, salvo as devidamente identificadas
All measurements are considered in mm, except those duly identified | Toutes les mesures sont considérées en mm saufs celles qui sont dûment identifiées

Desempenho térmico do sistema

Thermal system performance | Performance thermique du système

- Aro fixo
Fixed frame | Cadre dormant

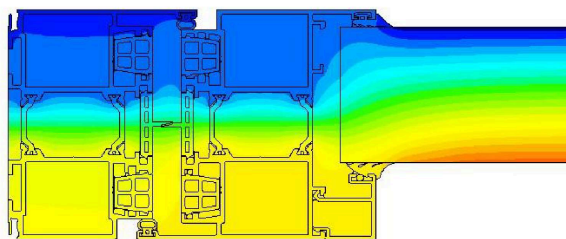
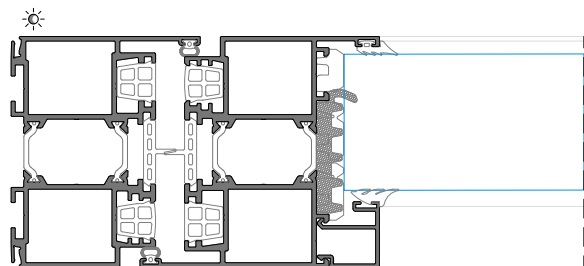


Desempenho térmico do sistema

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)



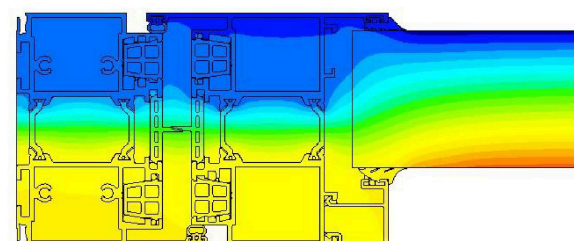
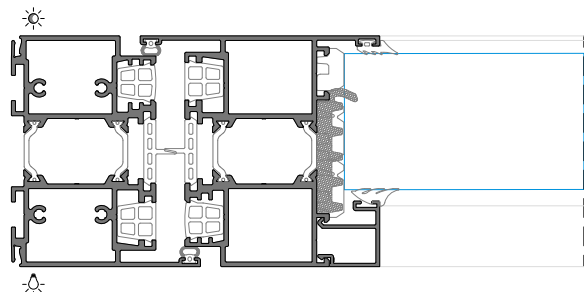
DS 07 + DS 11

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

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

- 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

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

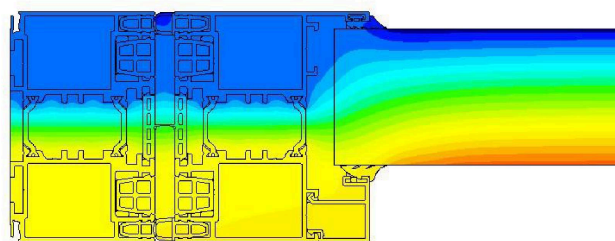
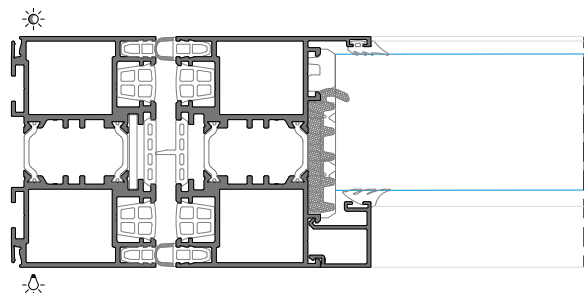
$U_f = 2,870 \text{ W/(m}^2\text{K)}$

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)



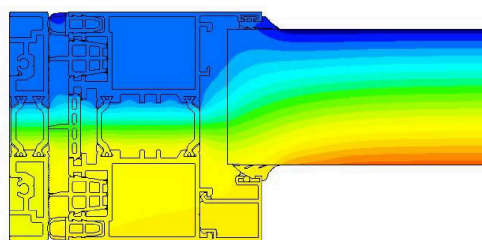
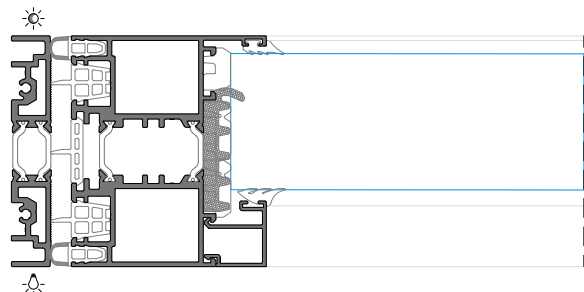
DS 04 + DS 13

$w = 0,1426 \text{ m}$

$U_f = 2,928 \text{ W/(m}^2\text{K)}$

- 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

$w = 0,1010 \text{ m}$

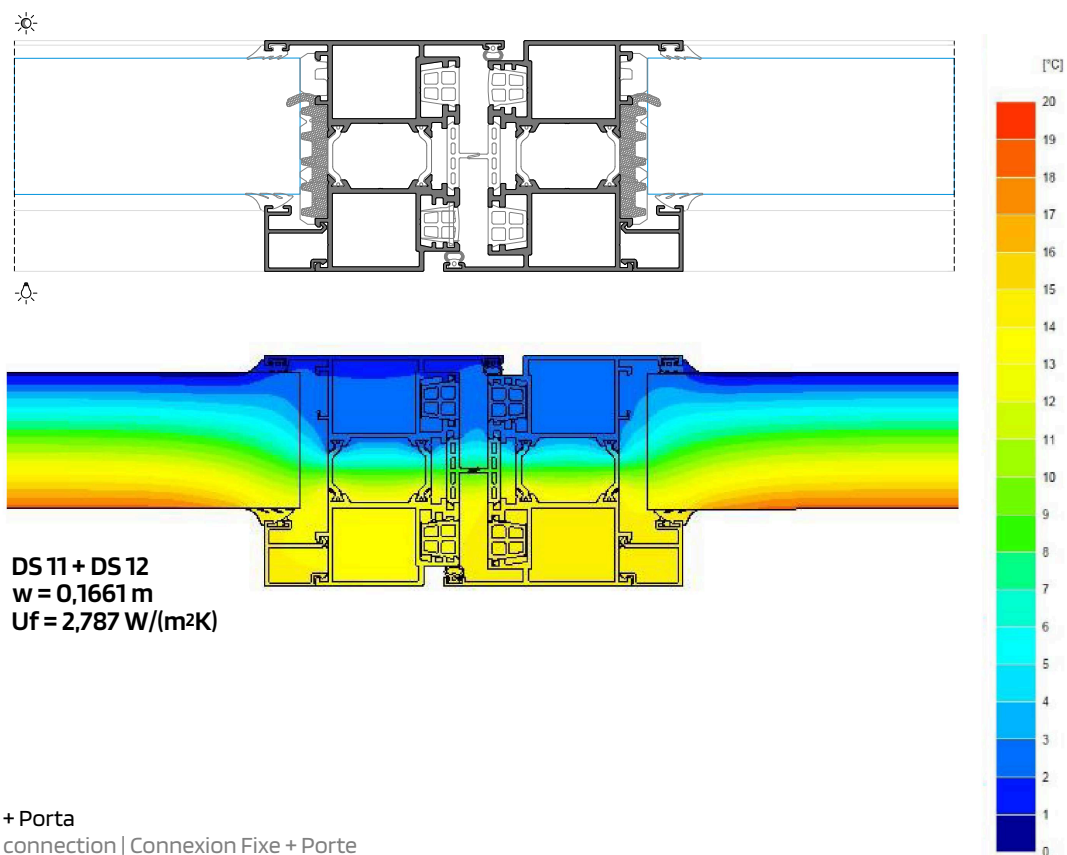
$U_f = 2,888 \text{ W/(m}^2\text{K)}$

Desempenho térmico do sistema

Thermal system performance | Performance thermique du système

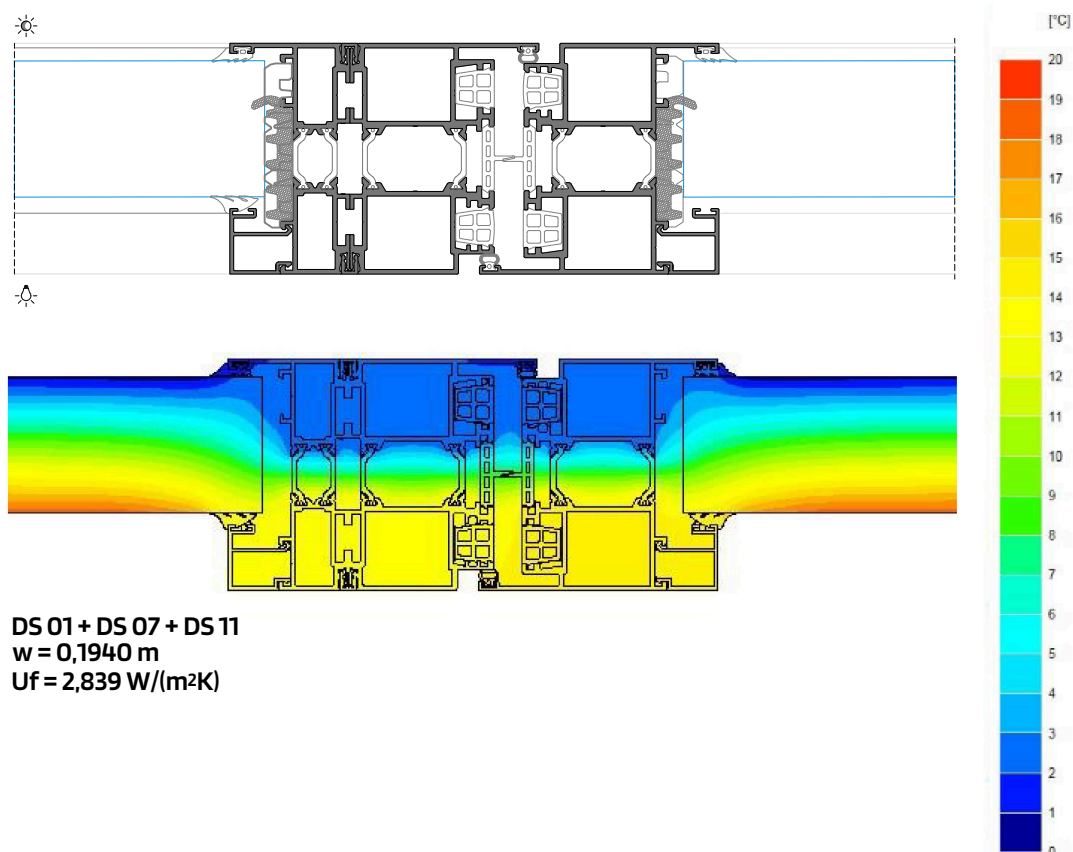
- Aro móvel + Batente (Abertura para interior)

Mobile frame + Inverter (Inward opening) | Cadre ouvrant + Battant (Ouverture vers l'intérieur)



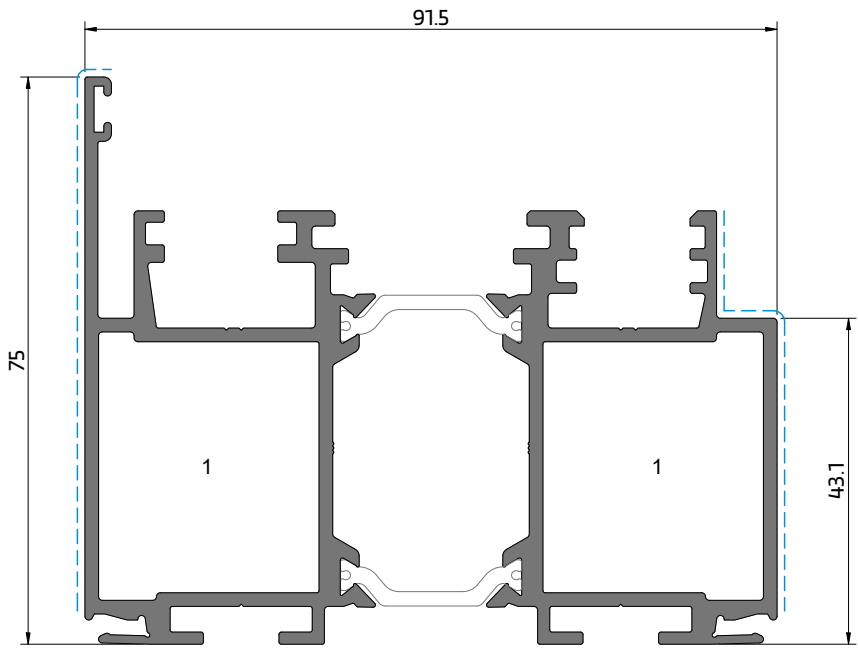
- Ligação Fixo + Porta

Fixed + Door connection | Connexion Fixe + Porte





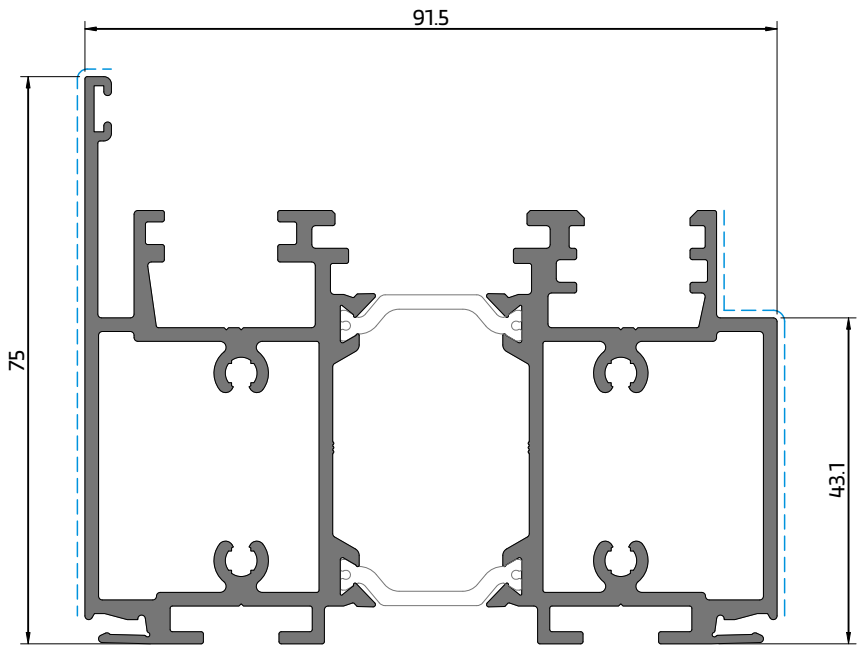
LISTAGEM DE PERFIS
PROFILES LIST | LIST DES PROFILÉS



DS 07

Aro fixo e móvel renovatio

Renovatio fixed and mobile frame | Cadre dormant et ouvrant
renovatio



DS 06

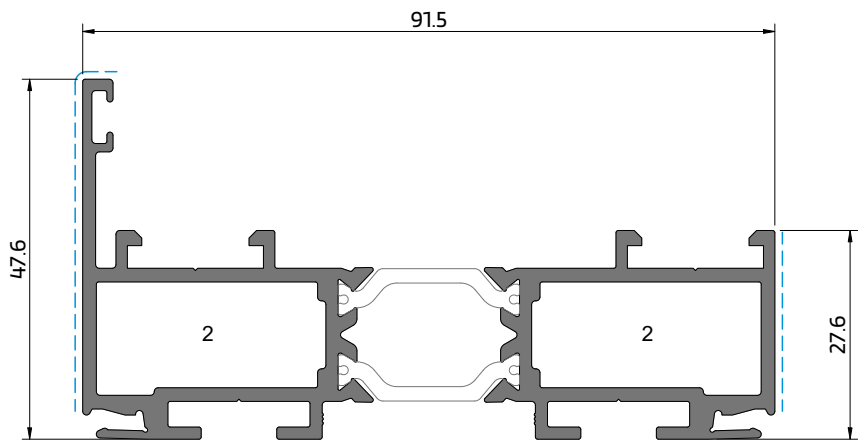
Aro fixo renovatio

Renovatio fixed frame | Cadre dormant renovatio

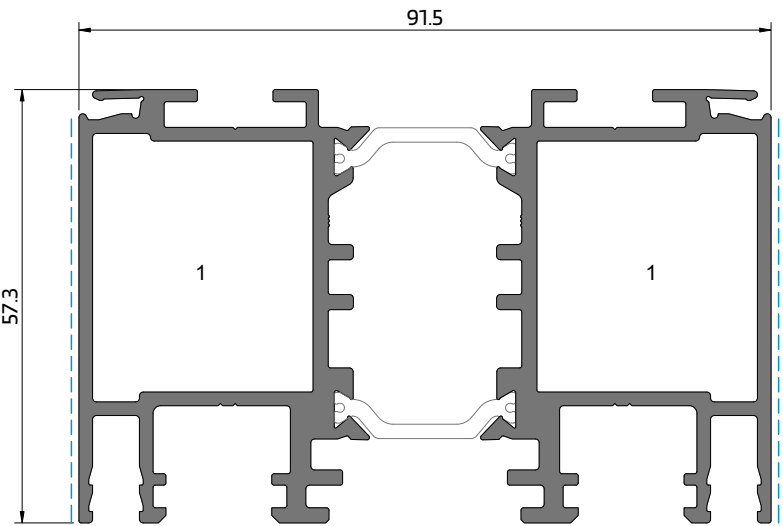
Treatamento de superfície | Surface treatment | Traitement de surface
PB | PM | EF | EM PB | PM | EF | EM PB
Para mais informações, consultar Catálogo de Cores Anodizadas
For further information, consult the Anodised Colours Catalogue | Pour plus d'informations, veuillez consulter le Catalogue des Couleurs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

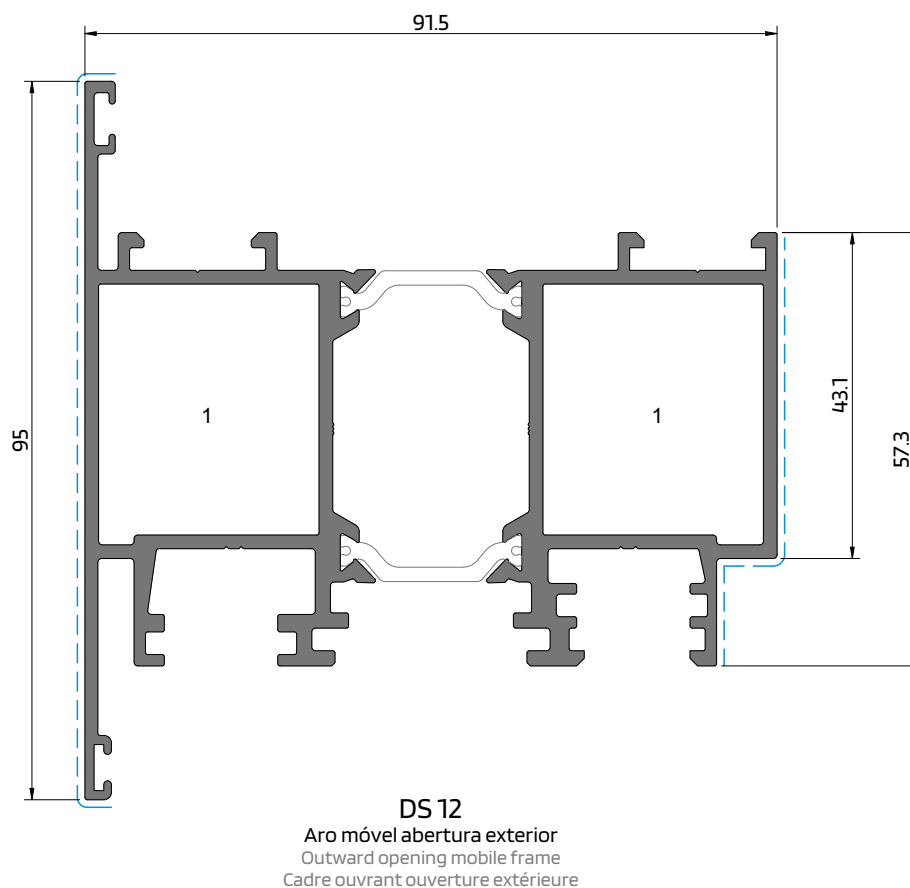
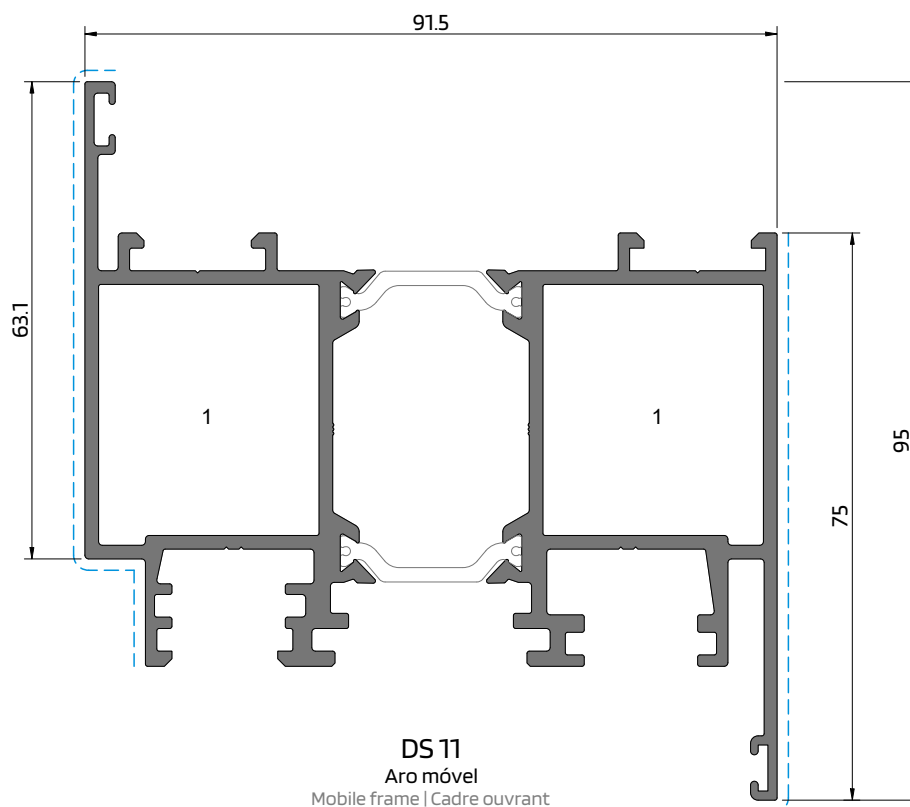


DS 04
Padieira / Travessa
Door lintel / Transom | Linteau / Traverse

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

2 - ESQUADRO | BRACKET | EQUÉRRE DS 2914-D

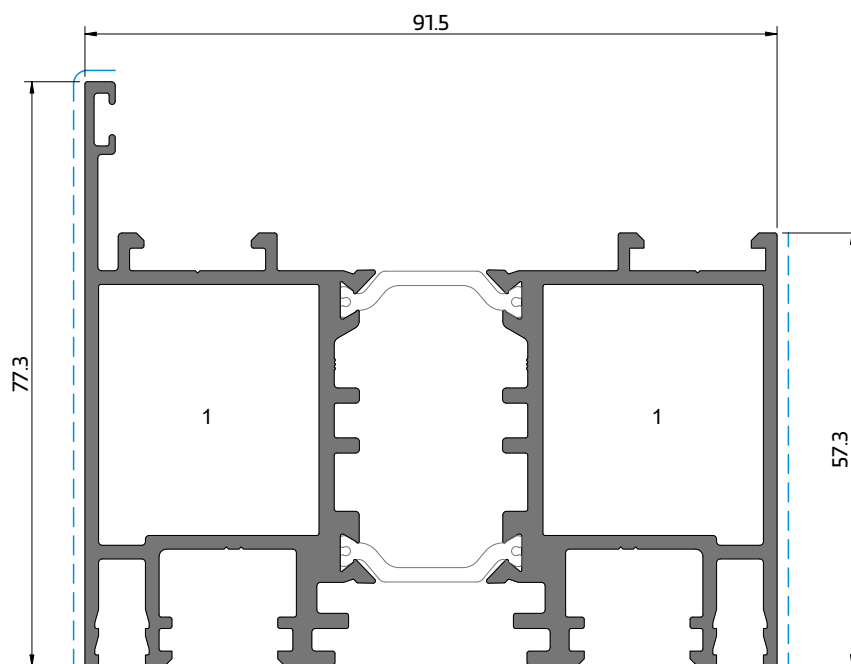
Treatamento de superfície | Surface treatment | Traitement de surface
PB | PM | EF | EM PB | PM | EF | EM PB
Para mais informações, consultar Catálogo de Cores Anodizadas
For further information, consult the Anodised Colours Catalogue | Pour plus d'informations, veuillez consulter le Catalogue des Couleurs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



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

2 - ESQUADRO | BRACKET | EQUÉRRE DS 2914-D

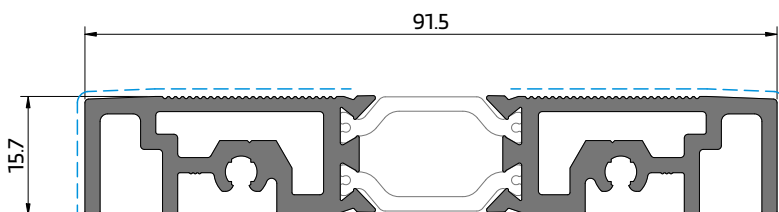
Treatamento de superfície | Surface treatment | Traitement de surface
PB | PM | EF | EM PB | PM | EF | EM PB
Para mais informações, consultar Catálogo de Cores Anodizadas
For further information, consult the Anodised Colours Catalogue | Pour plus d'informations, veuillez consulter le Catalogue des Couleurs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



DS 13

Perfil móvel superior/inferior

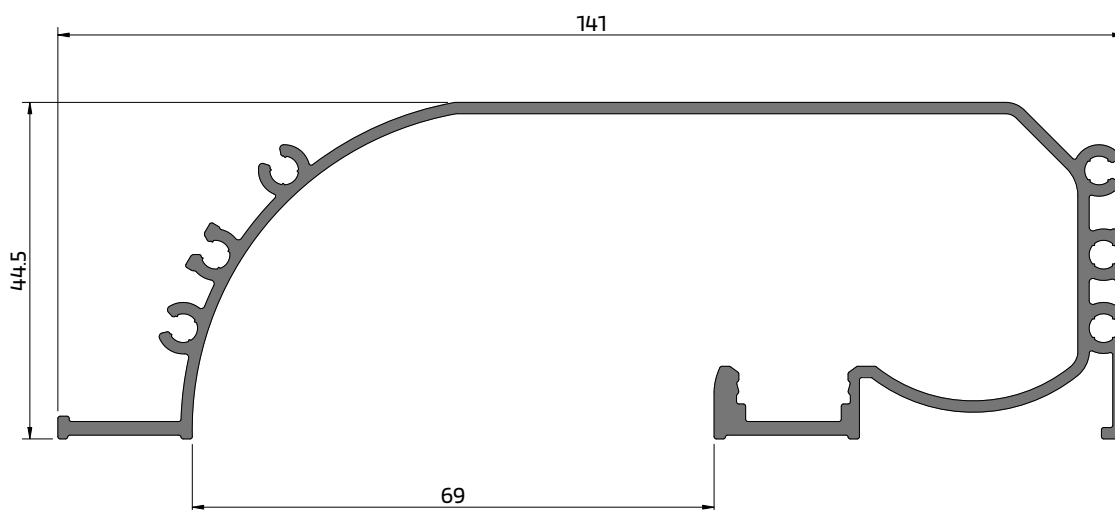
Top/bottom mobile profile | Cadre ouvrant supérieur/inférieur



DS 49

Soleira

Sill | Seuil



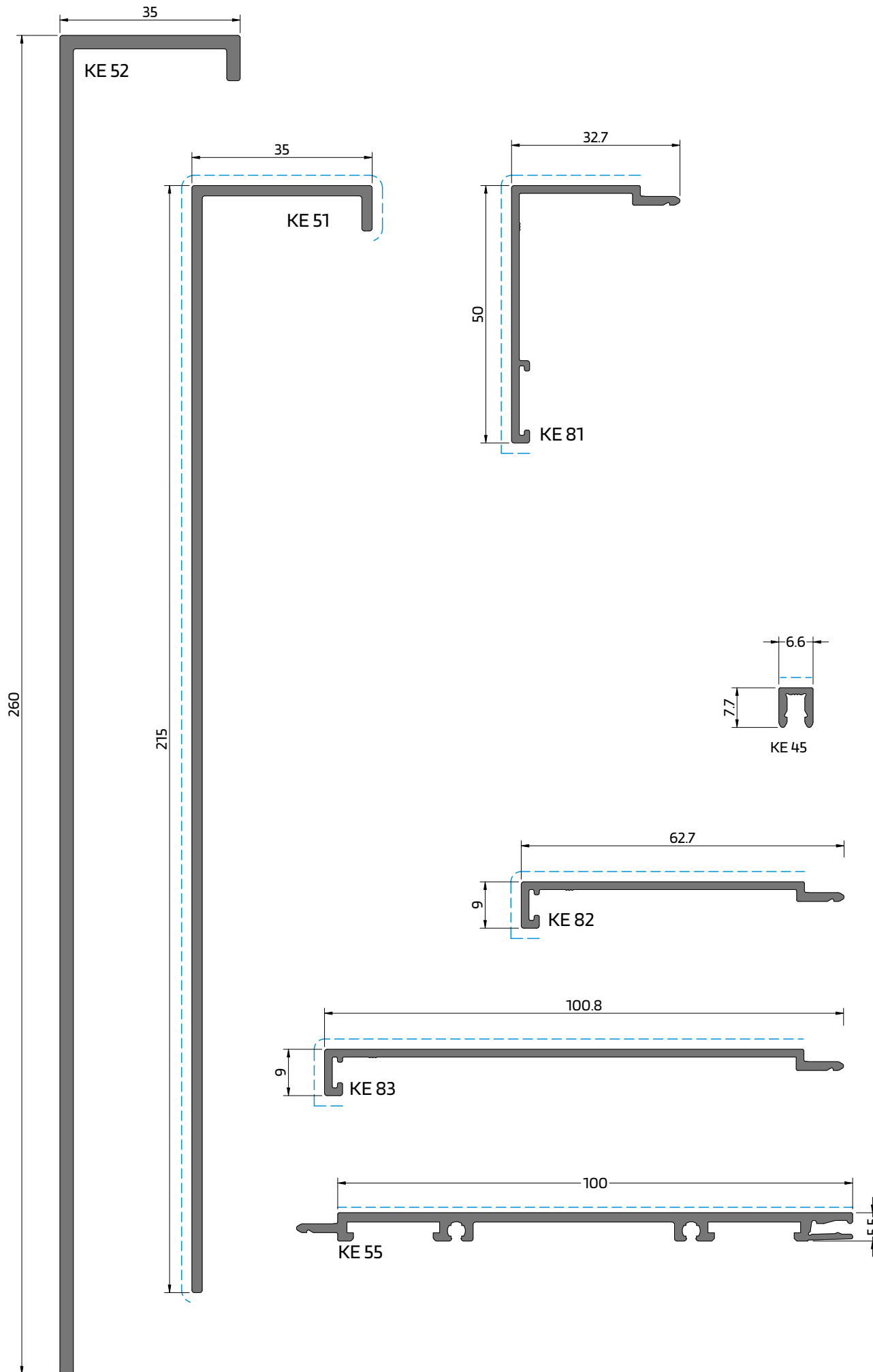
SO 81

Puxador Embutido

Built-in handle | Poignée intégrée

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

2 - ESQUADRO | BRACKET | EQUÉRRE DS 2914-D



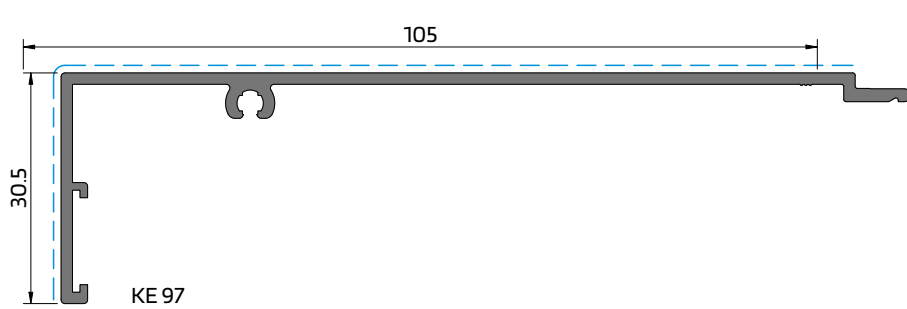
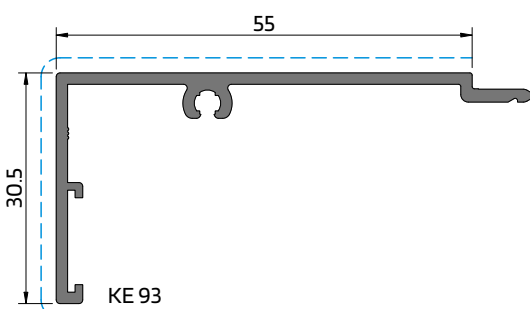
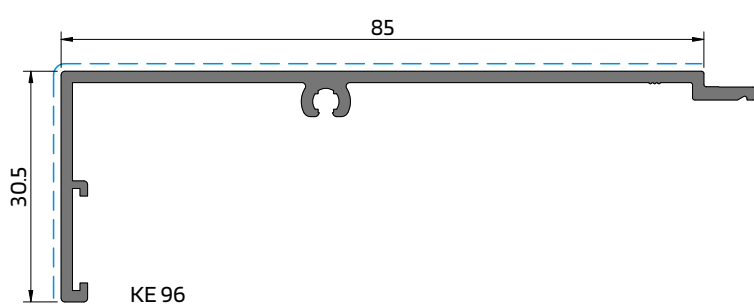
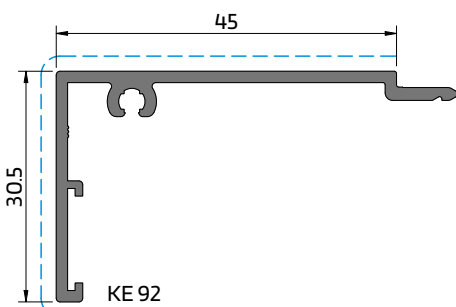
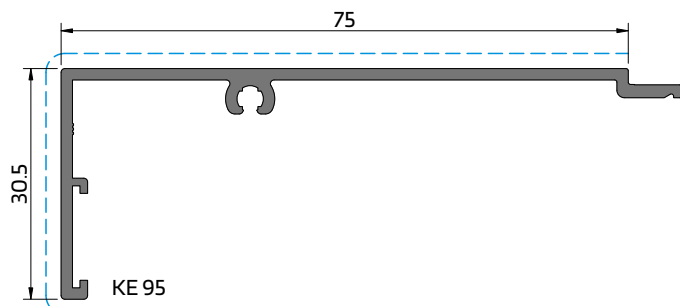
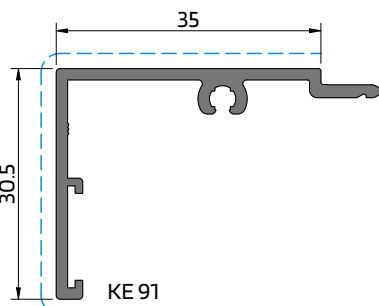
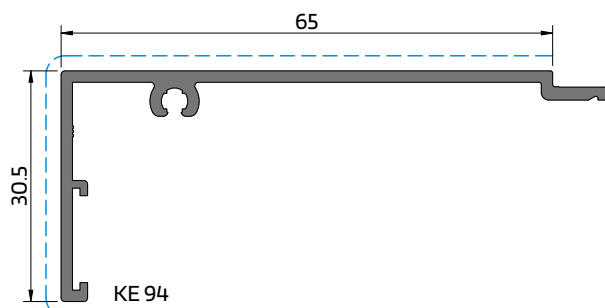
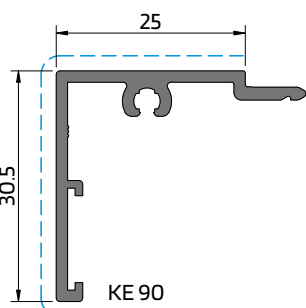
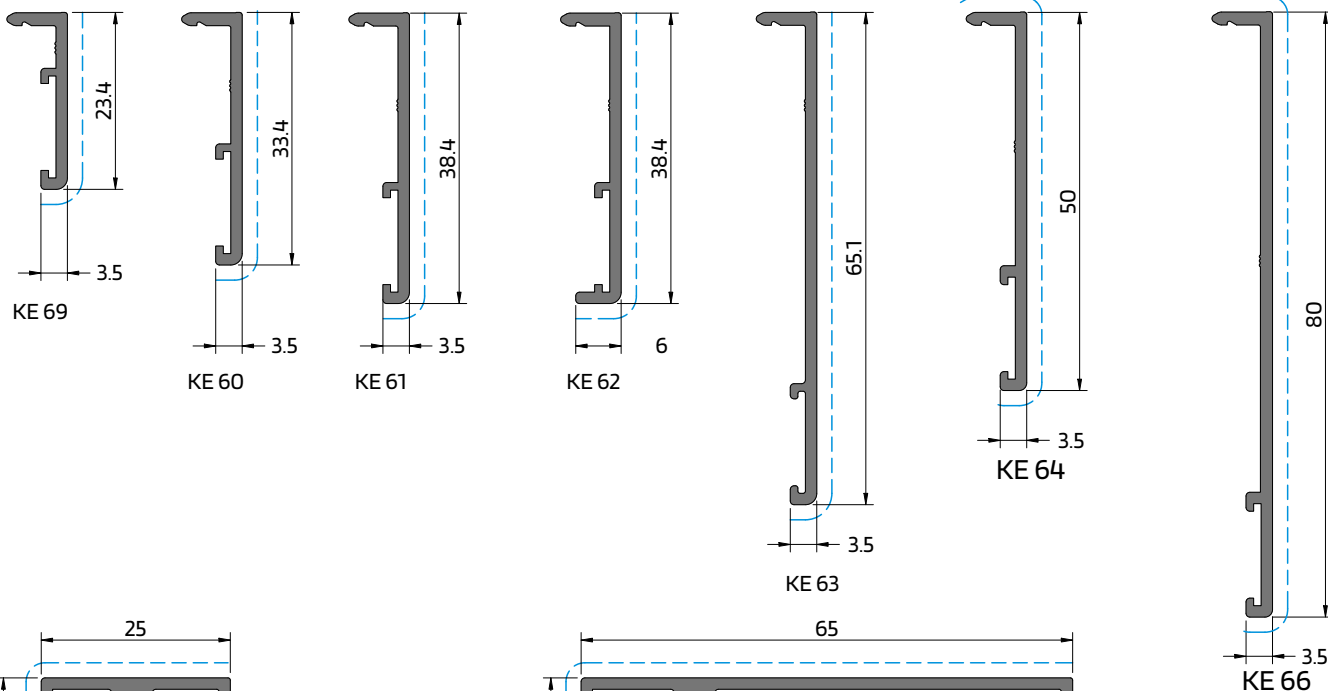


TABELA ORIENTATIVA DE BITES APLICADOS EM AMBOS OS LADOS

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

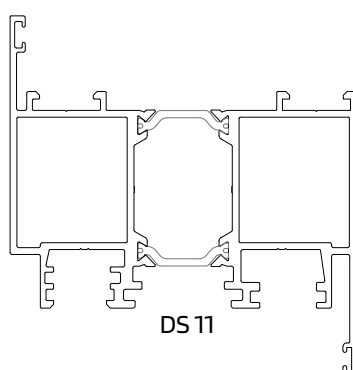
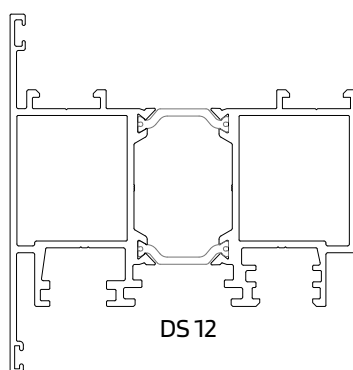
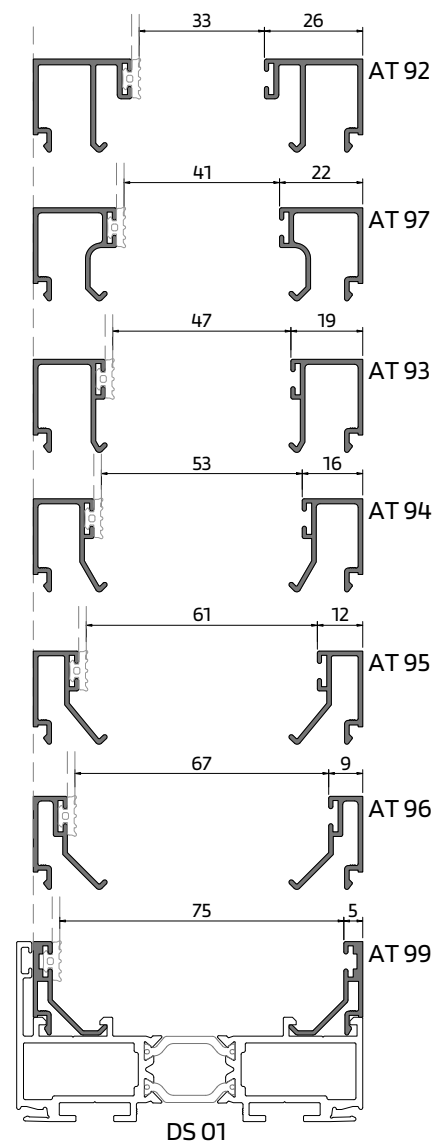
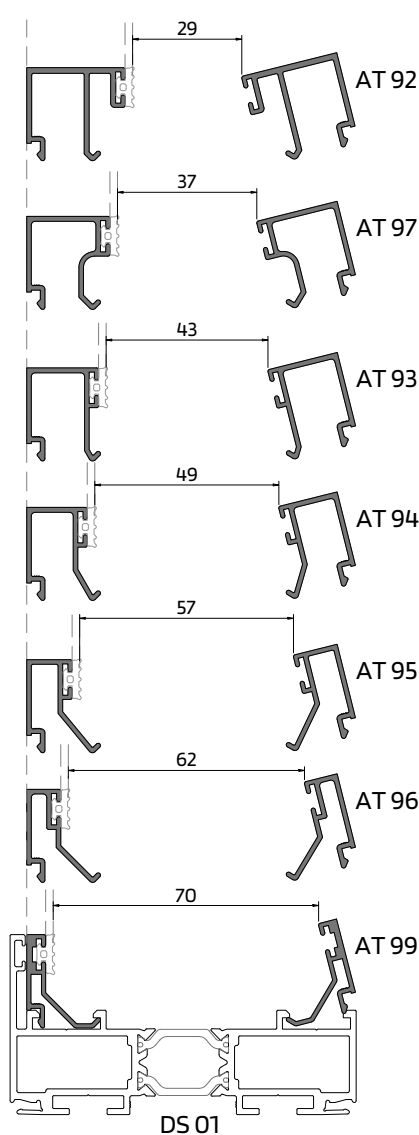
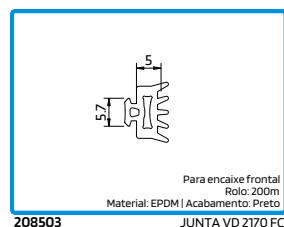
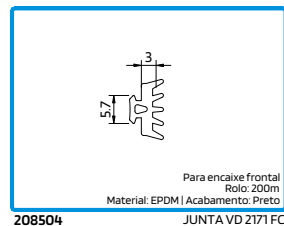
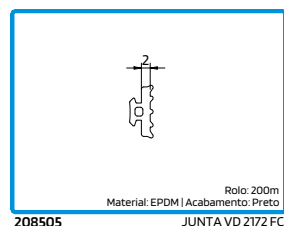
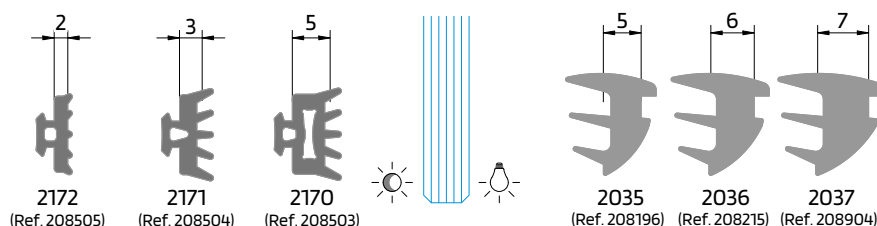


TABELA ORIENTATIVA DE BITES APLICADOS EM AMBOS OS LADOS

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.

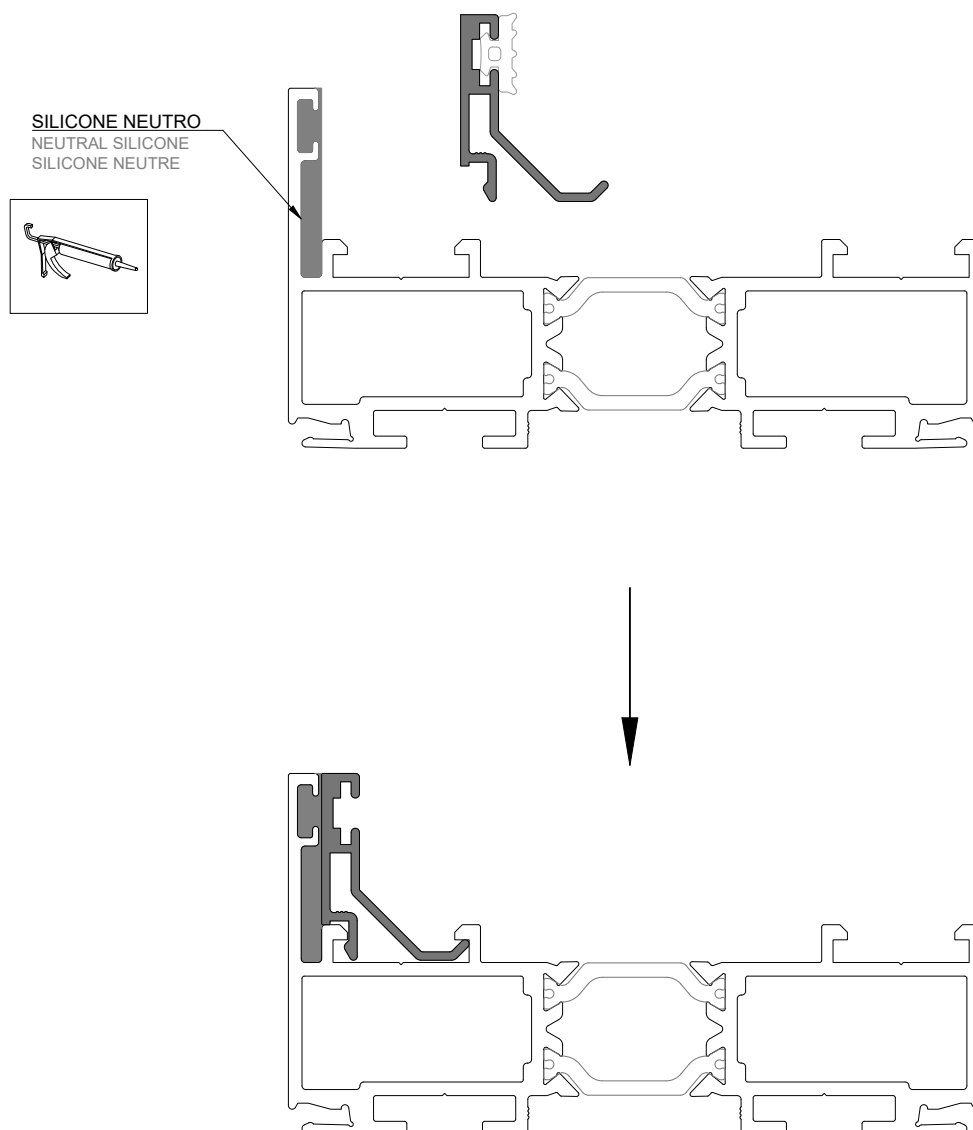


TABELA ORIENTATIVA DE BITES APLICADOS APENAS NO INTERIOR
SCHEDULE FOR GLAZING BEADS APPLIED ONLY TO THE INTERIOR
TABLE DES PARCLOSES APPLIQUÉS UNIQUEMENT À L'INTÉRIEUR

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

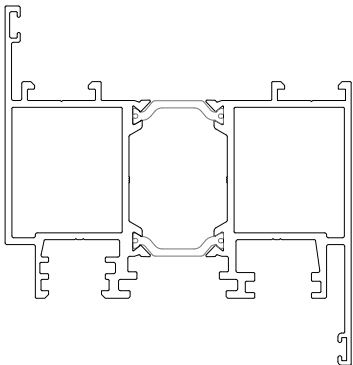
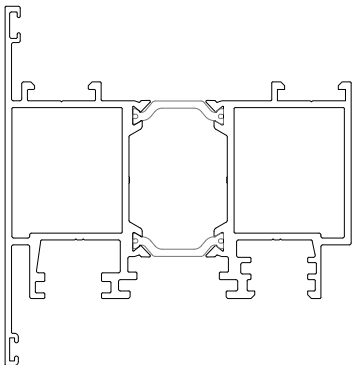
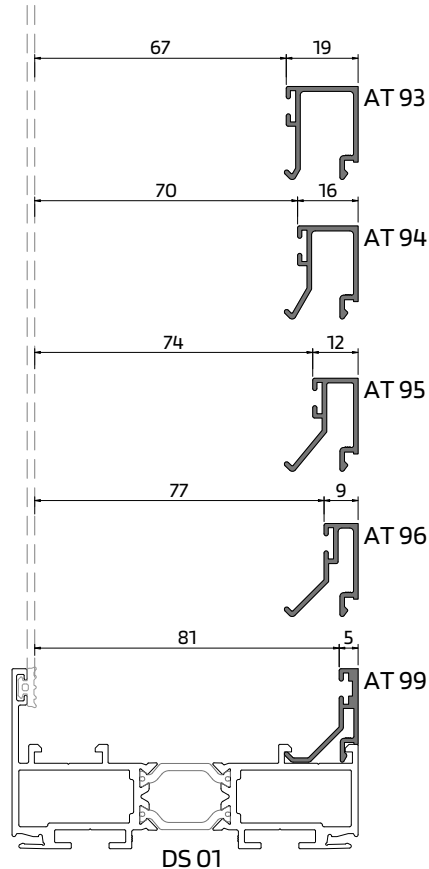
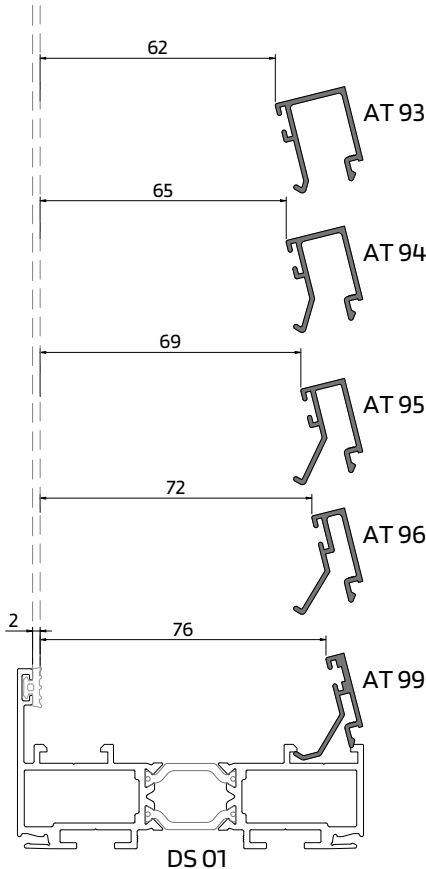
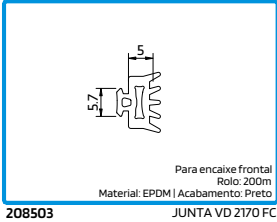
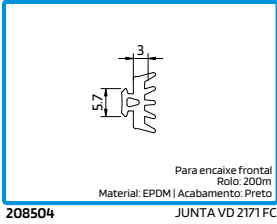
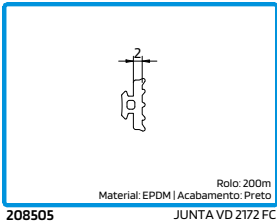
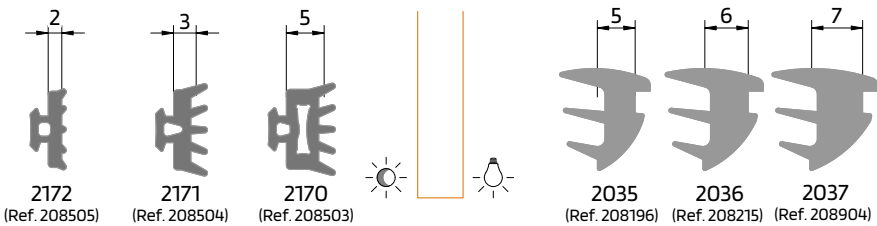


TABELA ORIENTATIVA DE BITES APLICADOS APENAS NO INTERIOR
SCHEDULE FOR GLAZING BEADS APPLIED ONLY TO THE INTERIOR
TABLE DES PARCLOSES APPLIQUÉS UNIQUEMENT À L'INTÉRIEUR



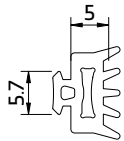
Com outro tipo de enchimento, é possível atingir espessuras até às seguintes:
With other types of filling, it is possible to achieve thicknesses up to the following:
Avec un autre type de remplissage, il est possible d'atteindre les épaisseurs suivantes :

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



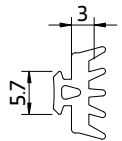
LISTAGEM DE ACESSÓRIOS
ACCESSORIES LIST | LIST D'ACCESSOIRES

VEDANTES E PELÚCIAS
SEALS AND GASKETS | JOINTS ET JOINTS BROSSES



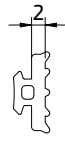
Para encaixe frontal
Rolo: 200m
Material: EPDM | Acabamento: Preto

208503 JUNTA VD 2170 FC



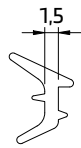
Para encaixe frontal
Rolo: 200m
Material: EPDM | Acabamento: Preto

208504 JUNTA VD 2171 FC



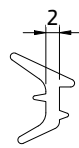
Rolo: 200m
Material: EPDM | Acabamento: Preto

208505 JUNTA VD 2172 FC



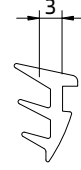
Rolo: 200m
Material: EPDM | Acabamento: Preto

208223 JUNTA DE CUNHA 1031



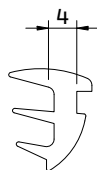
Rolo: 200m
Material: EPDM | Acabamento: Preto

208191 JUNTA DE CUNHA 2042



Rolo: 200m
Material: EPDM | Acabamento: Preto

208199 JUNTA DE CUNHA 2073



Rolo: 100m
Material: EPDM | Acabamento: Preto

208195 JUNTA DE CUNHA 2034



Rolo: 100m
Material: EPDM | Acabamento: Preto

208196 JUNTA DE CUNHA 2035



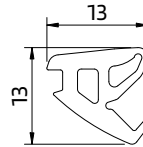
Rolo: 100m
Material: EPDM | Acabamento: Preto

208215 JUNTA DE CUNHA 2036



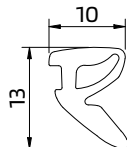
Rolo: 100m
Material: EPDM | Acabamento: Preto

208904 JUNTA DE CUNHA 2037



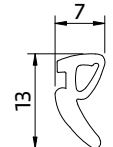
Para caixa de vidro de 8 a 10mm
Material: EPDM
Caixa: 100m

208912 JUNTA DE CUNHA RECORTADA 4193



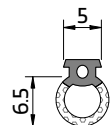
Para caixa de vidro de 6 a 7mm
Material: EPDM
Caixa: 150m

208913 JUNTA DE CUNHA RECORTADA 4194



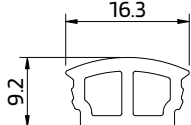
Para caixa de vidro de 3 a 4mm
Material: EPDM
Caixa: 200m

208914 JUNTA DE CUNHA RECORTADA 4195



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

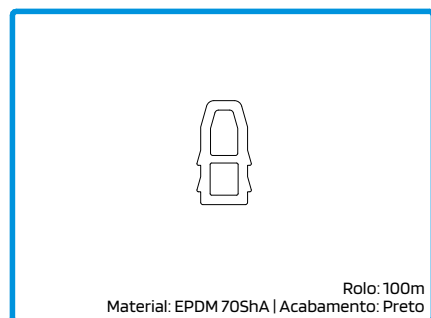
208008 JUNTA DE ESTANQUIDADE 2051



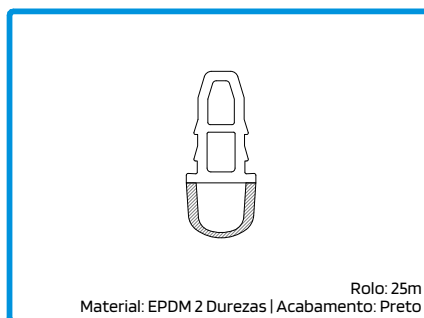
Aplicar no interior do perfil SO 81
Material: EPDM | Acabamento: Preto
Caixa: 4 rolos de 25m por caixa

208323 JUNTA VD 2132

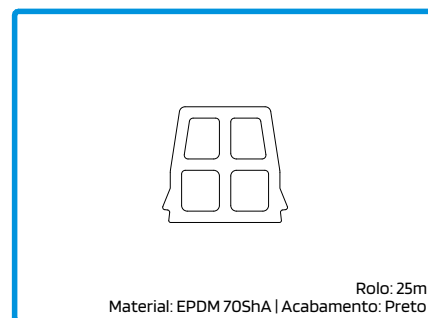
VEDANTES E PELÚCIAS
SEALS AND GASKETS | JOINTS ET JOINTS BROSSES



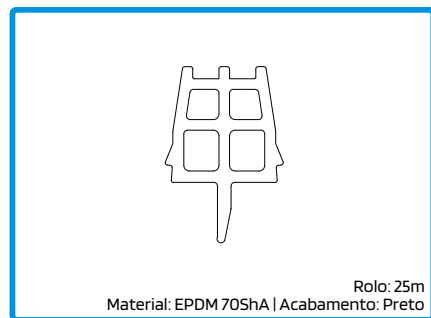
208361 JUNTA TAPA CANAL 2182 DS
Material: EPDM 70ShA | Acabamento: Preto
Rolo: 100m



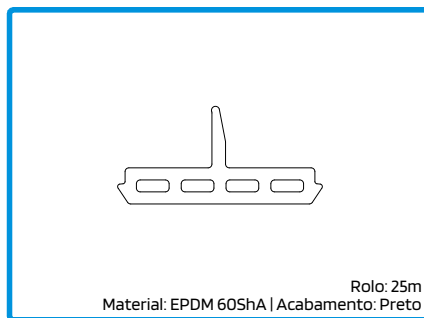
208353 JUNTA VD 2130 DS
Material: EPDM 2 Durezas | Acabamento: Preto
Rolo: 25m



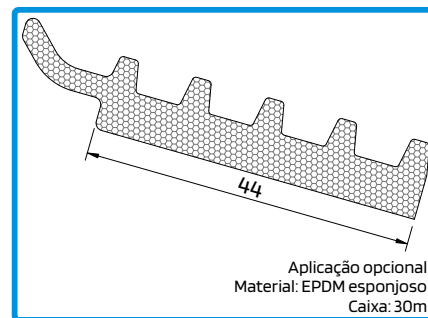
208359 JUNTA TAPA CANAL 2180 DS
Material: EPDM 70ShA | Acabamento: Preto
Rolo: 25m



208360 JUNTA TAPA CANAL 2181 DS
Material: EPDM 70ShA | Acabamento: Preto
Rolo: 25m

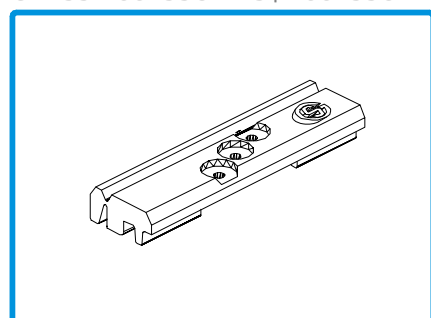


208227 JUNTA VEDAÇÃO CENTRAL 2287 DS
Material: EPDM 60ShA | Acabamento: Preto
Rolo: 25m

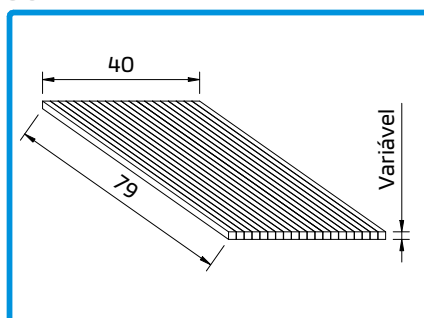


208182 JUNTA 2090
Aplicação opcional
Material: EPDM esponjoso
Caixa: 30m

ACESSÓRIOS PARA VIDRO
GLASS ACCESSORIES | ACCESSOIRES POUR VERRE



218194 CALÇO P/VIDRO EURO 2000 Nylon



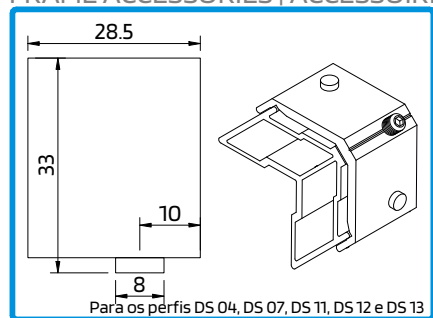
218113 CALÇO PARA VIDRO 79x40x2
218109 CALÇO PARA VIDRO 79x40x3
218111 CALÇO PARA VIDRO 79x40x4
218112 CALÇO PARA VIDRO 79x40x5

ACESSÓRIOS DE ESTANQUICIDADE
WATERTIGHTNESS ACCESSORIES
ACCESSOIRES D'ÉTANCHÉITÉ

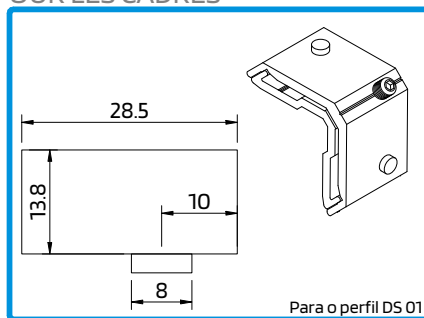


210268 GOTEIRA C/ VÁLV. SVE
Acabamentos: Branco e Preto

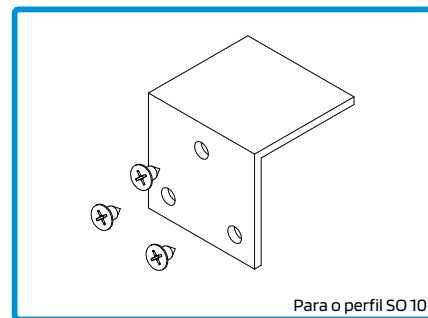
ACESSÓRIOS PARA OS AROS
FRAME ACCESSORIES | ACCESSOIRES POUR LES CADRES



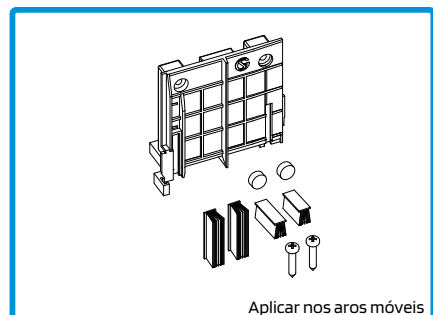
204177 ESQUADRO DS GRANDE 2933-D



204178 ESQUADRO DS 2914-D



213306 ÂNGULO REMATE CENTRAL



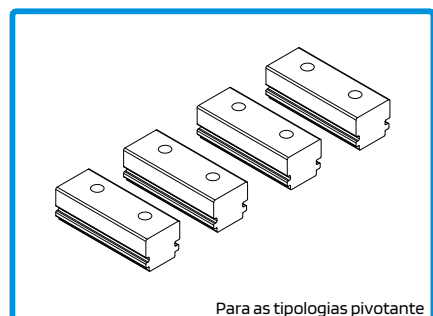
210507 TOPO SUP/INF LATERAL DS DIR



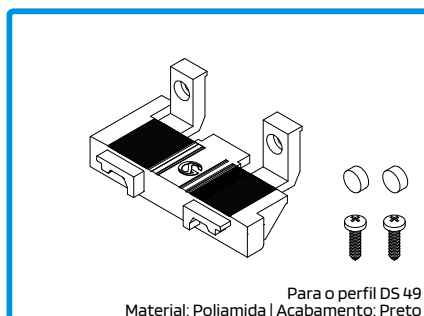
210508 TOPO SUP/INF LATERAL DS ESQ



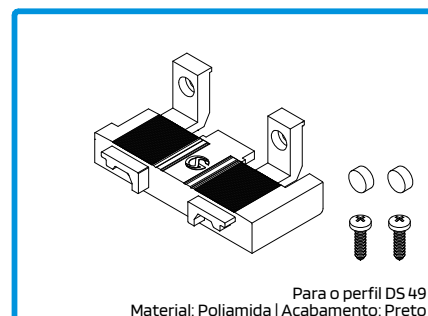
212417 CONJ. TOPOS SUPERIORES 2 FOLHAS DS



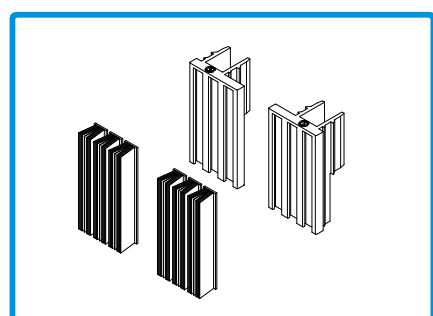
212415 CONJ. CALÇOS FIX.ARO FIXO DS



210511 TOPO SOLEIRA DS ESQ

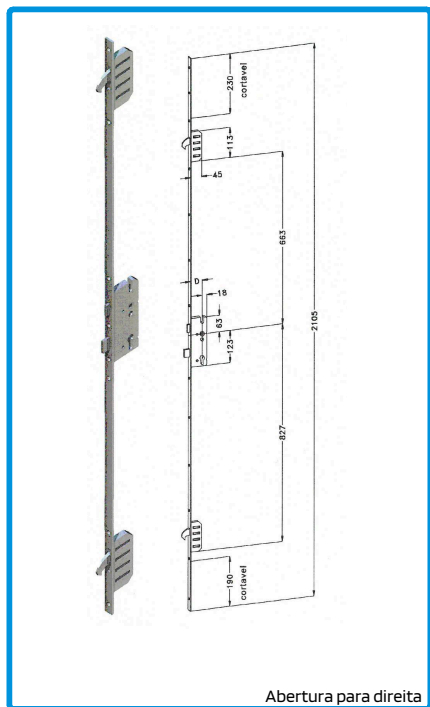


210512 TOPO SOLEIRA DS DIR

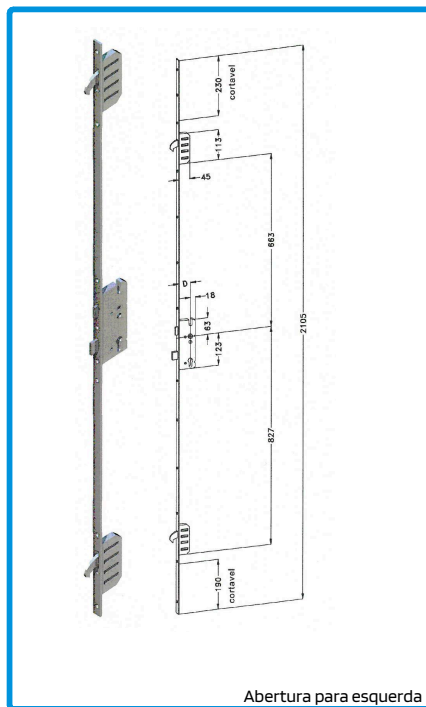


212418 CONJ. TOPOS ARO FIXO DS

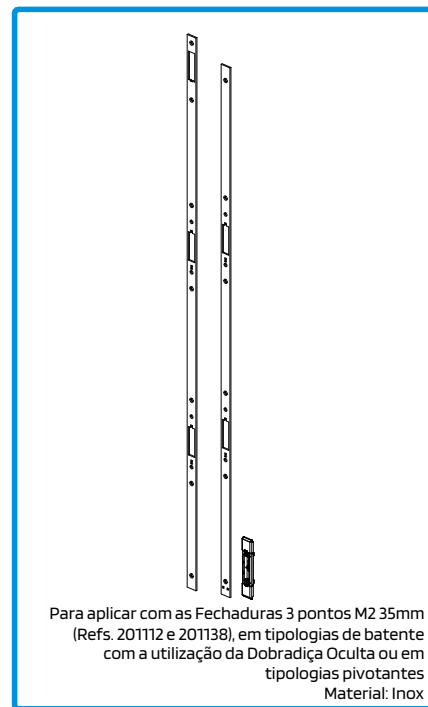
FECHADURAS E COMPLEMENTARES
LOCKS AND FITTINGS | SERRURES ET COMPLÉMENTAIRES



201112 FECH. 3 PONTOS M2 35mm



201138 FECHADURA 3 PONTOS M2 35MM ESQ



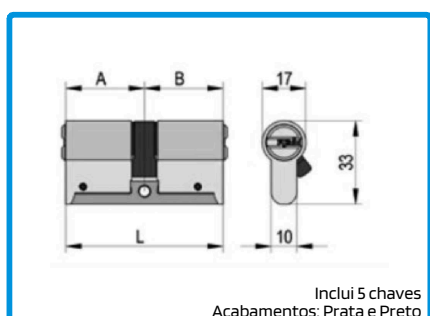
212424 CONJ. CHAPA TESTA LISA



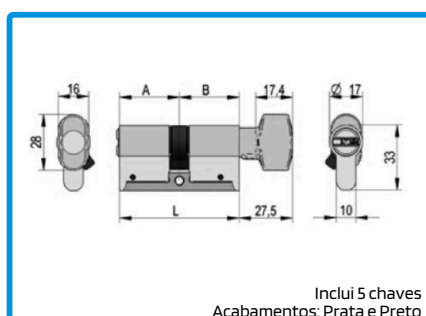
280042 TESTA CENTRAL FECHADURA M2



280043 TESTA INF/SUP. FECHADURA M2

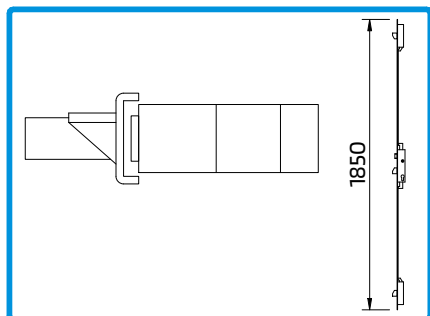


207458 CILINDRO ALTA SEGURANÇA 30/80

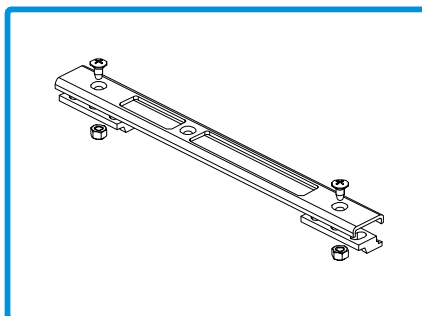


207460 CILINDRO ALTA SEGURANÇA 30B/80

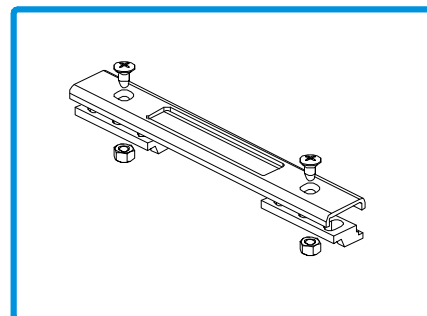
FECHADURAS E COMPLEMENTARES
LOCKS AND FITTINGS | SERRURES ET COMPLÉMENTAIRES



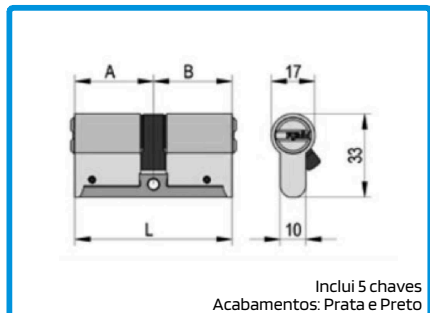
201010 FECHADURA DE 3 PONTOS
EM U 7799x35



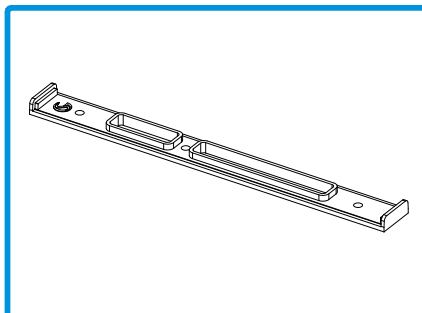
280004 TESTA FECHADURA PS Nº. 1



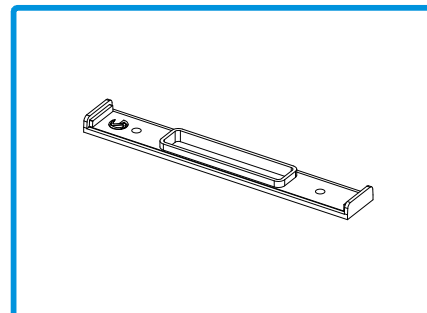
280005 TESTA FECHADURA PS Nº. 2



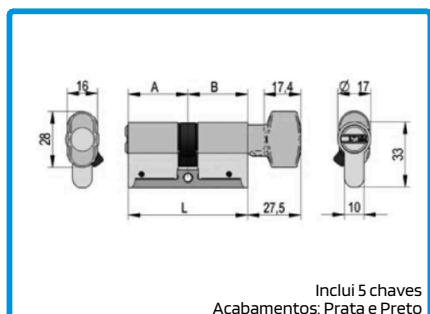
207457 CILINDRO ALTA SEGURANÇA 55/55



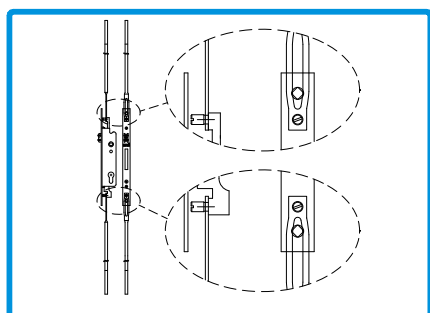
218227 CALÇO P/ TESTAS FECH. DS Nº1



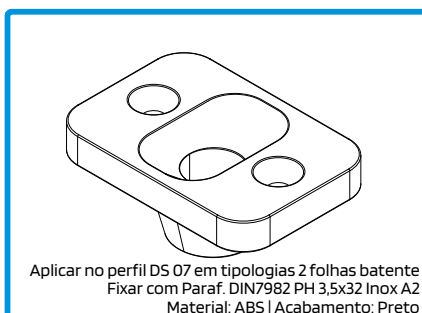
218228 CALÇO P/ TESTAS FECH. DS Nº2



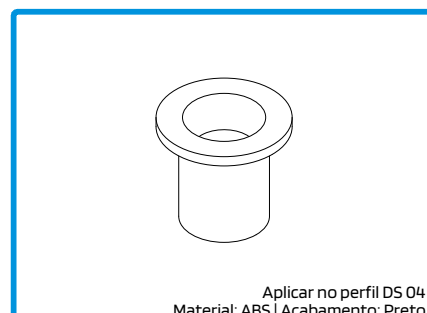
207459 CILINDRO ALTA SEGURANÇA 55B/55



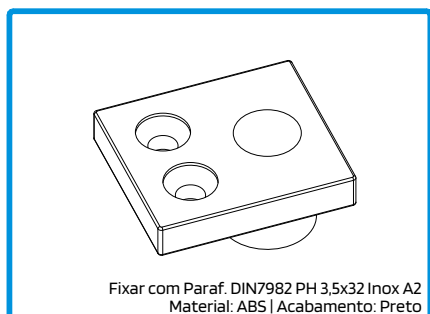
201180 FECHADURA DE TRANCAS



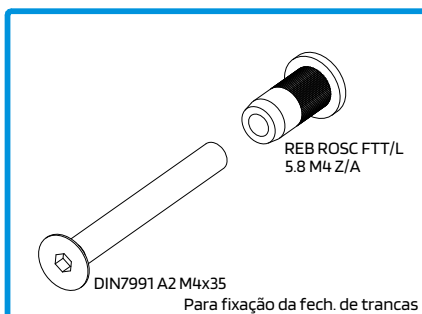
203303 COPO SUP/INF FECH. TRANCAS
OS-P



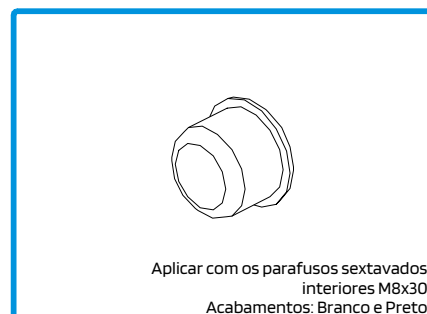
203304 COPO INF. FECH. TRANCAS OS-P



207128 GUIA FECH. TRANCAS DS



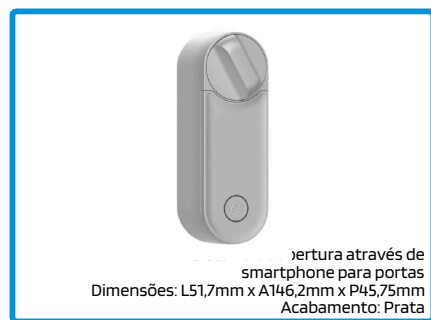
212017 CONJUNTO FIXAÇÃO FERRAGEM
MULTI-PONTO



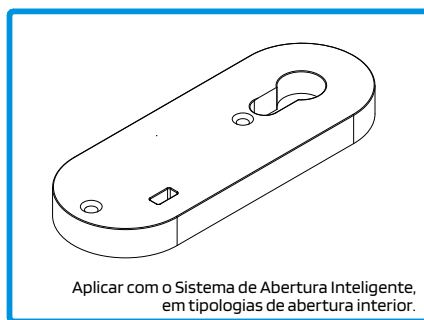
210013 TAPA-FUROS 10MM BRANCO
210015 TAPA-FUROS 10MM PRETO

SISTEMAS DE ABERTURA E COMPLEMENTARES

OPENING SYSTEMS AND FITTINGS | SYSTÈMES D'OUVERTURE ET COMPLÉMENTAIRES



299247 SISTEMA ABERTURA INTELIGENTE LINUS L2



218161 CALÇO AB. INTERIOR P/ LINUS



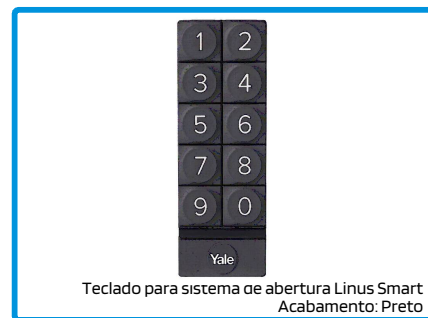
299250 BATERIA LINUS L2



299248 DOT LINUS



299249 TECLADO C/ BIOMÉTRICO LINUS

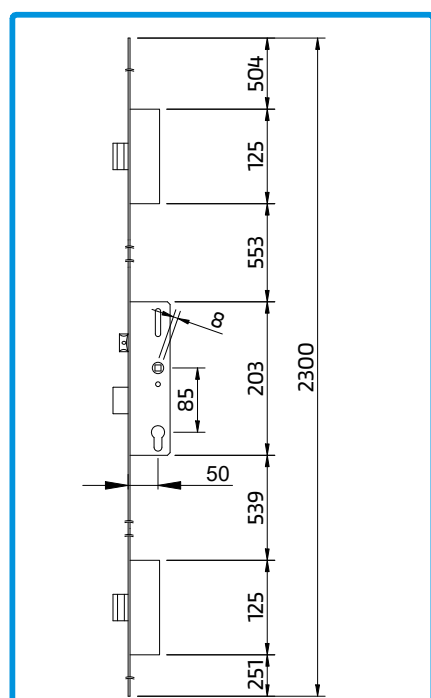


299121 TECLADO LINUS

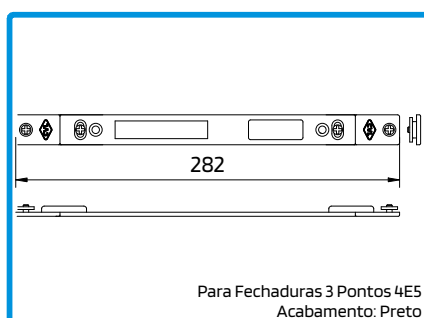
FECHADURA E COMPLEMENTARES P/ TIPOLOGIAS DE AB. EXTERIOR C/ SISTEMA ABERT. INTELIGENTE LINUS

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

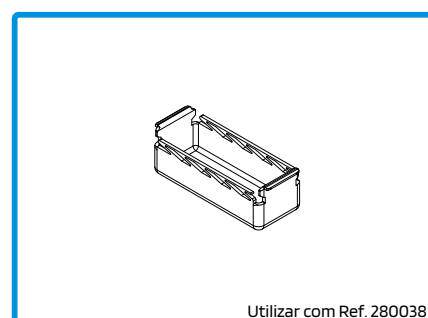
POUR LES TYPOLOGIES D'OUVERTURE VERS L'EXTÉRIEURE AVEC SYSTÈME D'OUVERTURE INTELLIGENT LINUS



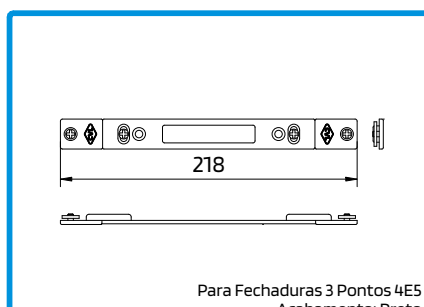
201109 FECHADURA 3 PONTOS 4E5 50MM



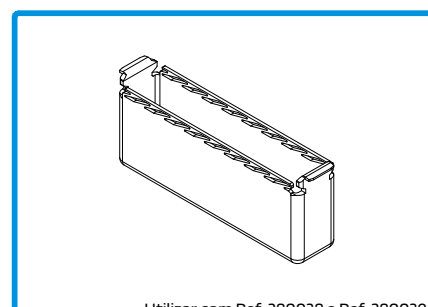
280038 TESTA CENTRAL REGULÁVEL 184 PRT



203307 COPO PEQUENO P/ TESTA 184 PRT



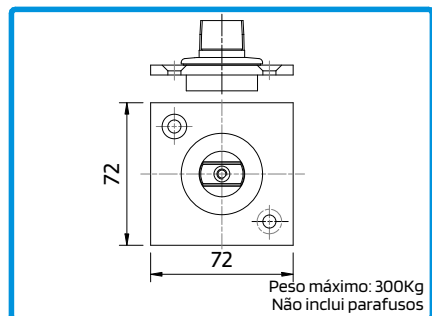
280039 TESTA SUP/INF REGULÁVEL 2965 PRT



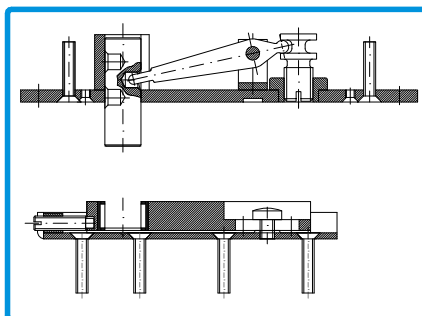
203308 COPO P/ TESTA 2965 E 184 PRT

ACESSÓRIOS PARA PIVOTANTE E COMPLEMENTARES

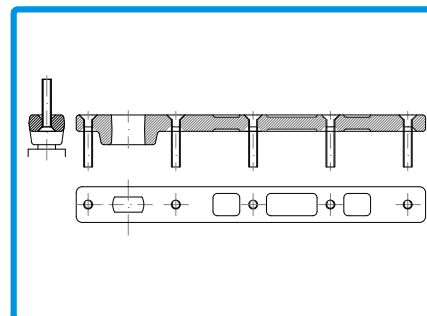
PIVOTING ACCESSORIES AND FITTINGS | ACCESSOIRES POUR PIVOTANTS ET COMPLÉMENTAIRES



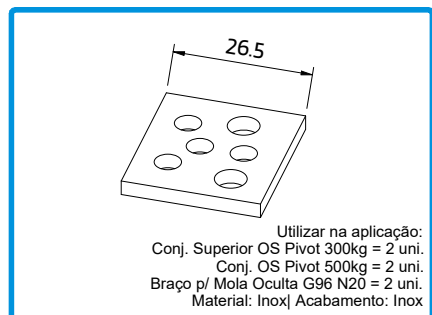
227114 PIVOT DE CHÃO 7471 AX



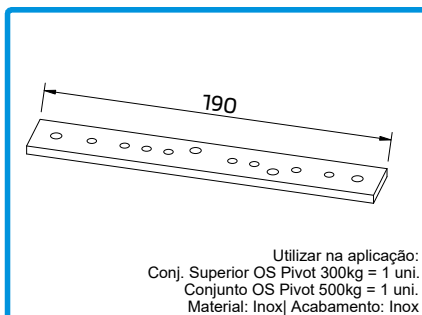
212331 CONJ. SUPERIOR OS PIVOT 300KG



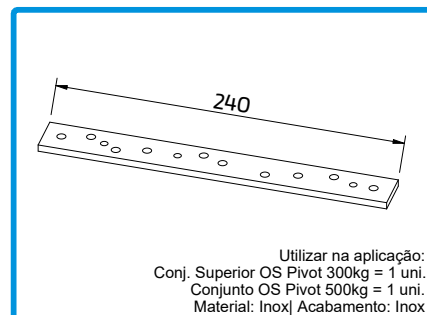
210121 BRAÇO INFERIOR OS PIVOT 300KG



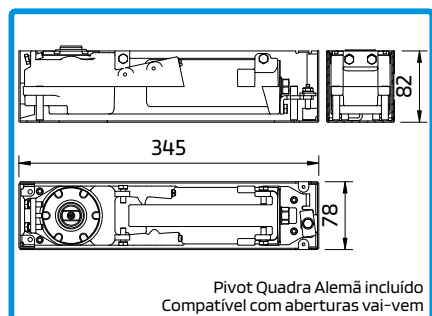
215041 PEÇA FIXAÇÃO INOX DS Nº1



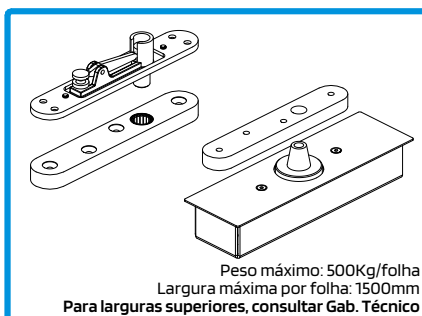
215042 PEÇA FIXAÇÃO INOX DS Nº2



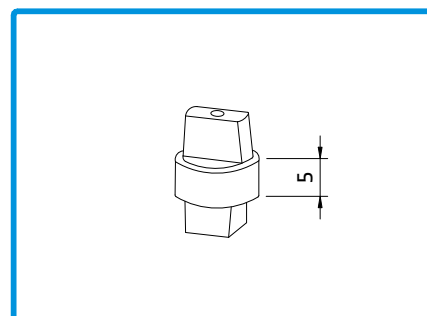
215043 PEÇA FIXAÇÃO INOX DS Nº3



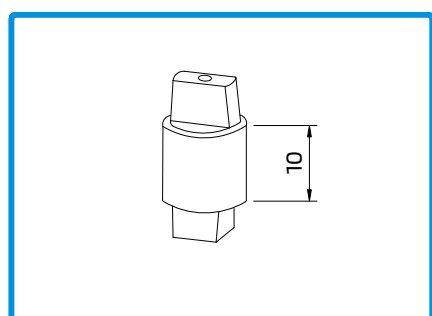
228078 MOLA PAVIMENTO M750 300KG



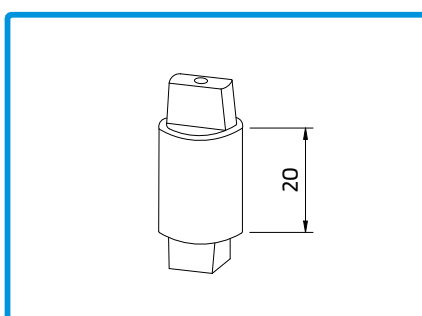
212324 CONJUNTO OS PIVOT 500KG



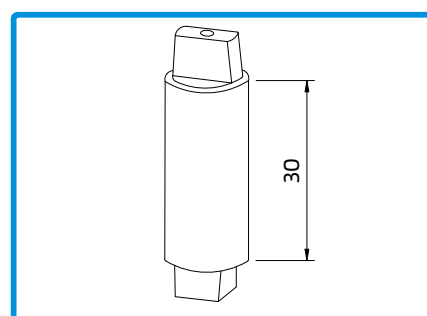
220012 EIXO SUBSTITUIÇÃO ALONGADO 5MM



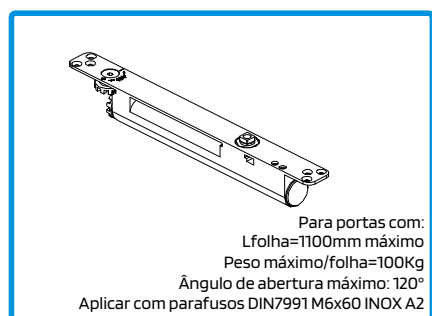
220013 EIXO SUBSTITUIÇÃO ALONGADO 10MM



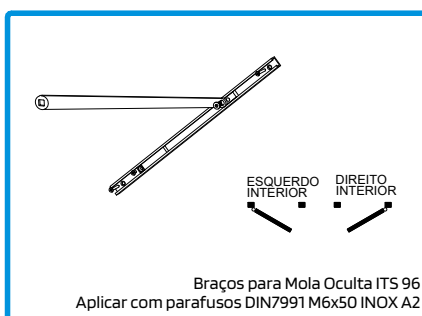
220014 EIXO SUBSTITUIÇÃO ALONGADO 20MM



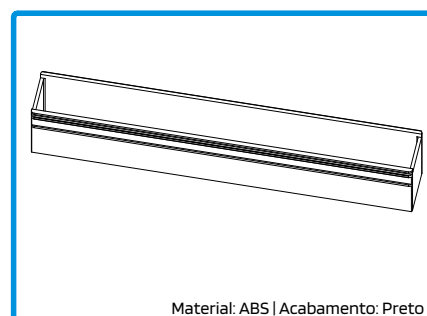
220015 EIXO SUBSTITUIÇÃO ALONGADO 30MM



228051 MOLA SUP. OCULTA EN 2-4 ITS 96



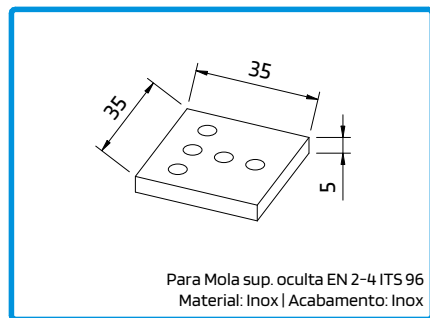
210117 BR. P/ MOLA OCULTA G96 N20 ESQ.
210118 BR. P/ MOLA OCULTA G96 N20 DIR.



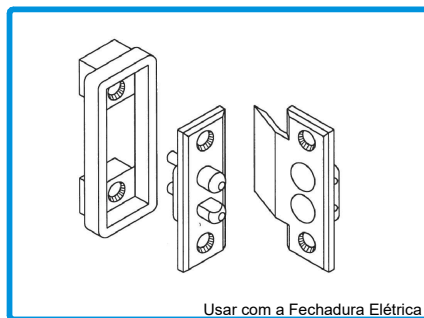
203309 COPO P/ MOLA OCULTA ITS 96

ACESSÓRIOS PARA PIVOTANTE E COMPLEMENTARES

PIVOTING ACCESSORIES AND FITTINGS | ACCESSOIRES POUR PIVOTANTS ET COMPLÉMENTAIRES



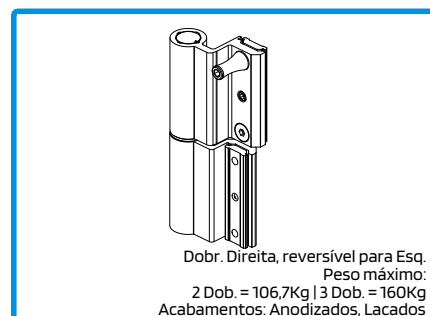
215506 PEÇA FIXAÇÃO MOLA SUP. OC. ITS 96



219101 CONTATO PARA FECHADURA ELÉTRICA

DOBRADIÇAS E COMPLEMENTARES

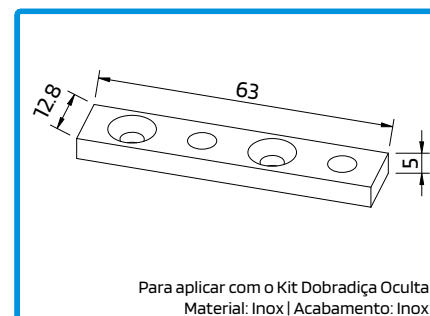
HINGES AND FITTINGS | PAUMELLES ET COMPLÉMENTAIRES



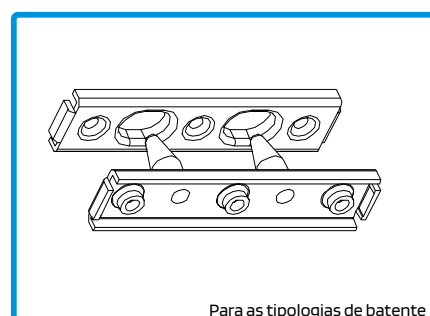
202238 DOBRADIÇA PORTA DS 2L AFINAÇÃO 3D



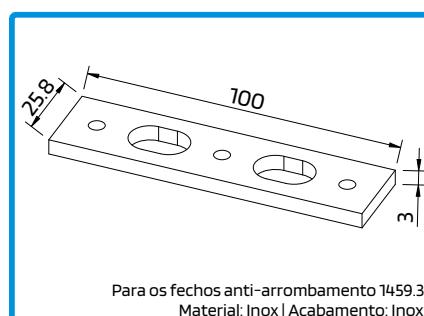
202109 DOBRADIÇA OCULTA SOLID



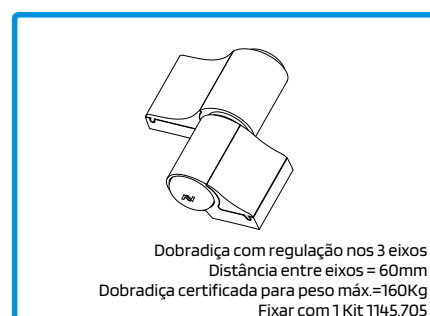
215504 PEÇA FIXAÇÃO DOB. OC. SOLID



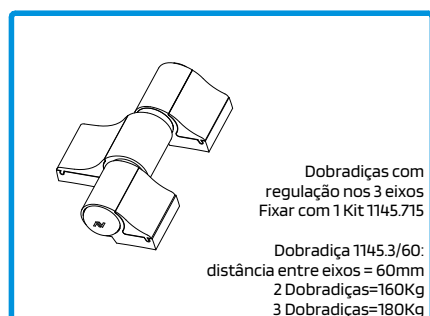
201611 FEC. ANTI-ARROMBAMENTO 1459.3



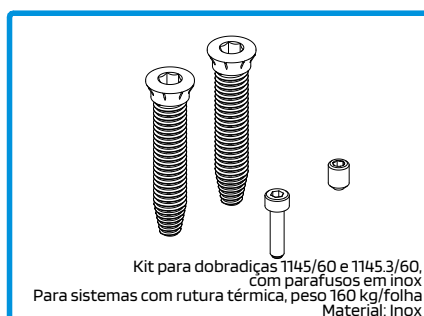
215505 PEÇA FIXAÇÃO P/ FECH.1459.3



202010 DOB. MECHANICA 2 ABAS 1145/60

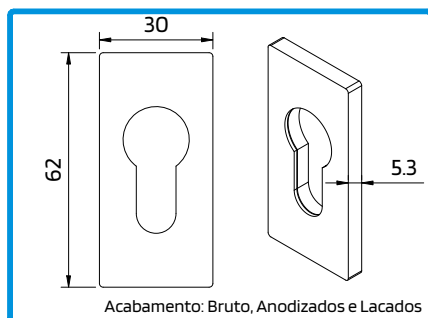


202610 DOB. MECHANICA 3 ABAS 1145.3/60

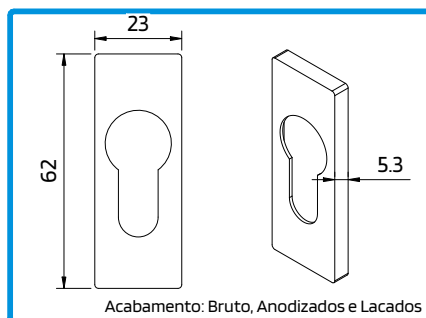


223000 KIT DE FIX. P/ MECHA. 1145.757X

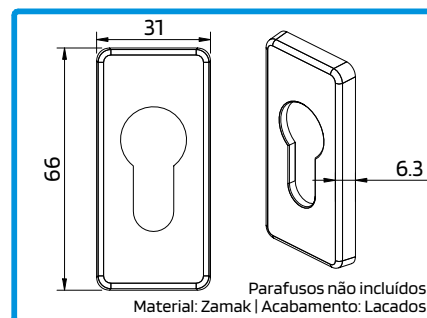
PUXADORES E COMPLEMENTARES
HANDLES AND FITTINGS | POIGNÉES ET COMPLÉMENTAIRES



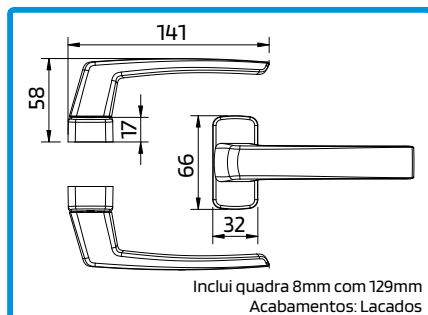
220197 ESPELHO ALUMÍNIO 30MM P/ SEGREDO
Acabamento: Bruto, Anodizados e Lacados



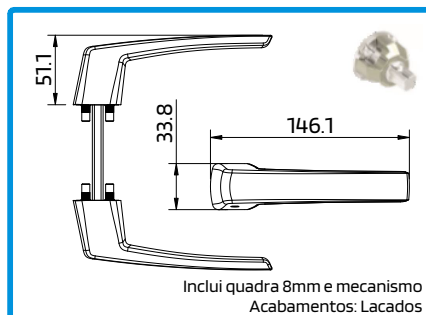
220196 ESPELHO ALUMÍNIO 23MM P/ SEGREDO
Acabamento: Bruto, Anodizados e Lacados



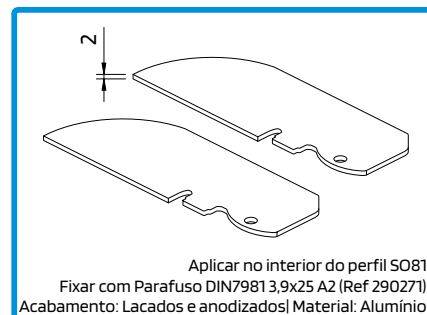
220198 ESPELHO DELTA P/ SEGREDO
Parafusos não incluídos
Material: Zamak | Acabamento: Lacados



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



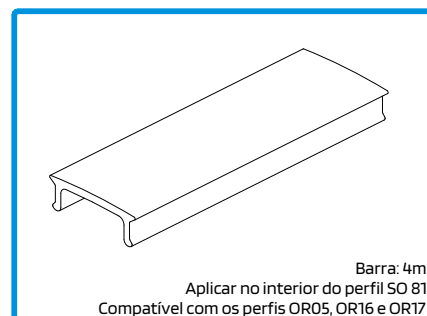
212449 CONJ. TOPOS SO 81 N°2
Aplicar no interior do perfil SO81
Fixar com Parafuso DIN7981 3,9x25 A2 (Ref 290271)
Acabamento: Lacados e anodizados | Material: Alumínio



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

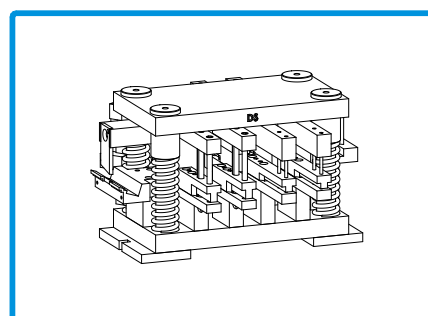


221123 FITA LED IP65 24V/8W BRANCA (7M)
3200-3300K
24Vdc
8W/m
120 LED/m
Classe de Proteção: IP 65

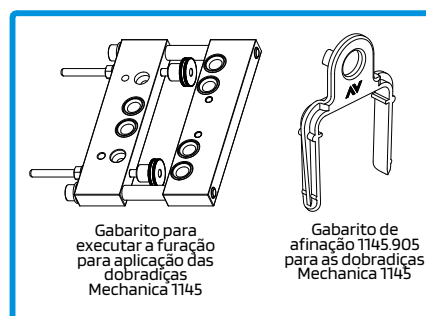


215995 PERFIL DIFUSOR LED PP 2118
Barra: 4m
Aplicar no interior do perfil SO 81
Compatível com os perfis OR05, OR16 e OR17

FERRAMENTAS | TOOLS | OUTILS



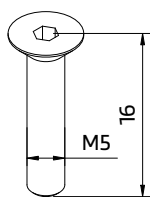
408069 CORTANTE Nº1 DS



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

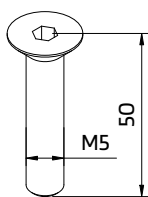
ACESSÓRIOS DIVERSOS

DIVERSE ACCESSORIES | ACCESSOIRES DIVERS



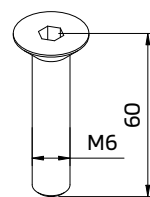
Para fixar a Peça fixação Inox DS Nº1
Material: Inox | Acabamento: Inox

290480 PARAFUSO CX UMB. M5X16 INOX



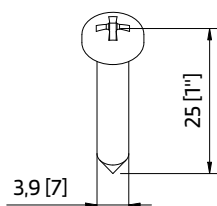
Para fixar os Braços Mola oculta G96 (Ref. 210117/8)
Material: Inox | Acabamento: Inox

290148 PARAFUSO DIN7991 M5X50 INOX A2



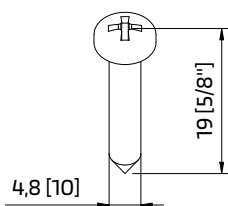
Usado nos artigos:
Mola Sup oculta ITS 96 (Ref. 228051) e
no Kit Dobradiça Oculta
Material: Inox | Acabamento: Inox

290149 PARAFUSO DIN7991 M6X60 INOX A2



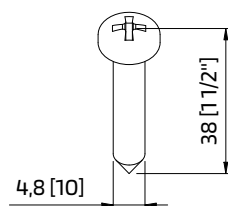
Para fixar o perfil SO 81 no aro móvel
Material: Inox | Acabamento: Inox

290271 PARAF. DIN 7981 3,9X25 A2



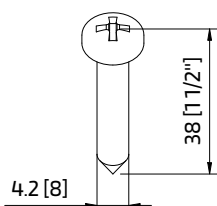
Para fixar a Peça fixação Inox DS Nº3
Material: Inox | Acabamento: Inox

290506 PARAF. PKI PH 3/4x10 CQ



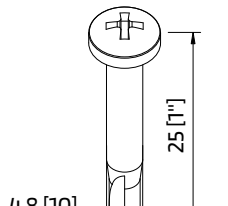
Para fixar os aros laterais e os topos à soleira
Material: Inox | Acabamento: Inox

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



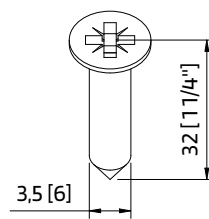
Para fixar os perfis DS04 ao DS 06 nas tipologias
pivotantes
Material: Inox | Acabamento: Inox

290030 PARAF. DIN7981 4,2x38 INOX A2



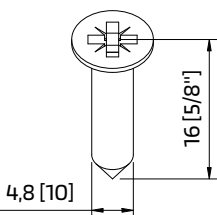
Para fixação do braço do motor ao perfil móvel inferior
Material: Inox | Acabamento: Inox

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



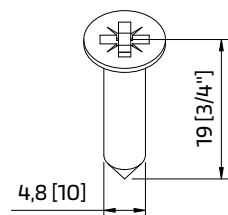
Para fixação das Guias ref 203303 e ref 207128
Material: Inox | Acabamento: Inox

290080 PARAF. DIN7982 PH 3,5x32 INOX A2



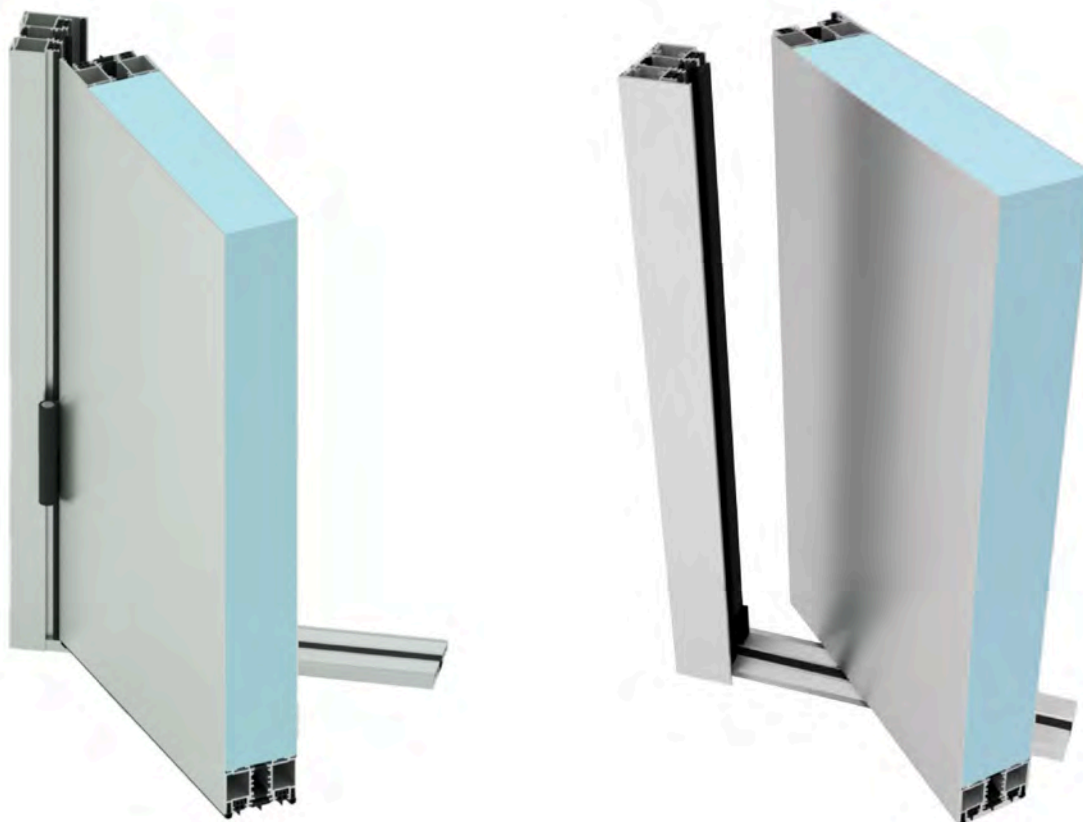
Para fixar o Pivot de Chão 7471 AX
Material: Inox | Acabamento: Inox

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

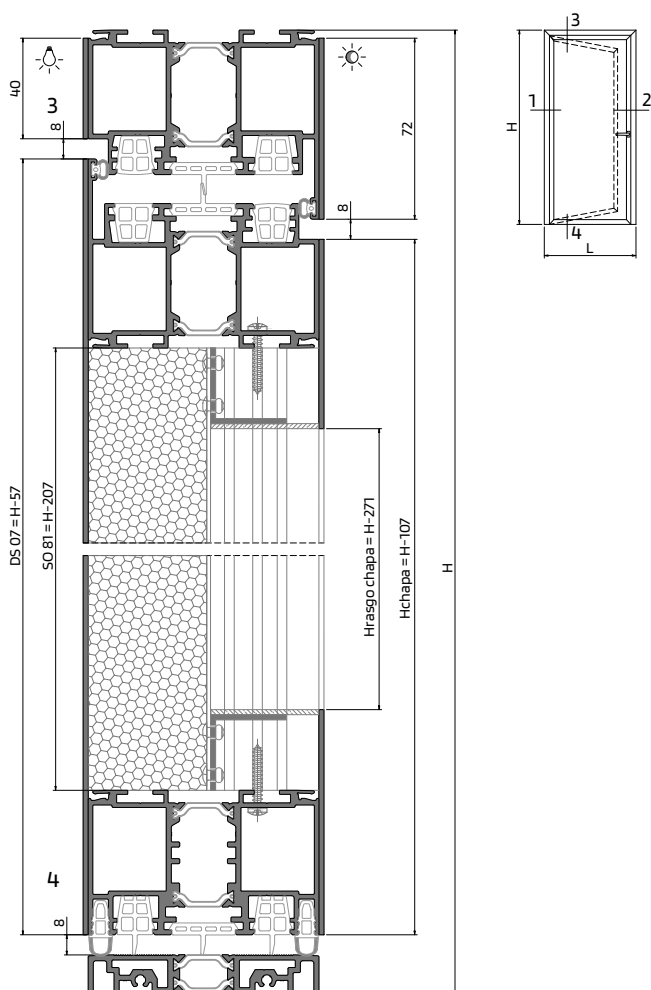
Tipologias com vidro
Typologies with glass
Typologies avec verre

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 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 *	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 ÉCQUIERRE	12
202238	DOBRADIÇA PORTA DS 2L AFINAÇÃO 3D HINGE PALUMELLE	2
201138	FECHADURA 3 PONTOS M2 35MM ESQ. 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	1
280042	TESTA CENTRAL FECHADURA M2 STRICKING PLATE GÂCHE	1
280043	TESTA INF./ SUP. FECHADURA M2 STRICKING 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 DE CAISSE GAUCHE DS	1
210512	TOPO SOLEIRA DS DIREITO RIGHT DS SILL TOP SEUIL DE CAISSE DROIT DS	1
212449	CONJ. TOPOS 50 81 N2 END-CAP KIT KIT D'EMBOUT	1
213306	ÂNGULO REMATE CENTRAL CENTRE ANGLE ANGLE DE TIR CENTRAL	4
212418	CONJ. TOPOS ARO FIXO DS END-CAP KIT KIT D'EMBOUT	4
215995	PERFIL DIFUSOR LED PP 2118 (4M) PROFILE 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	4 *

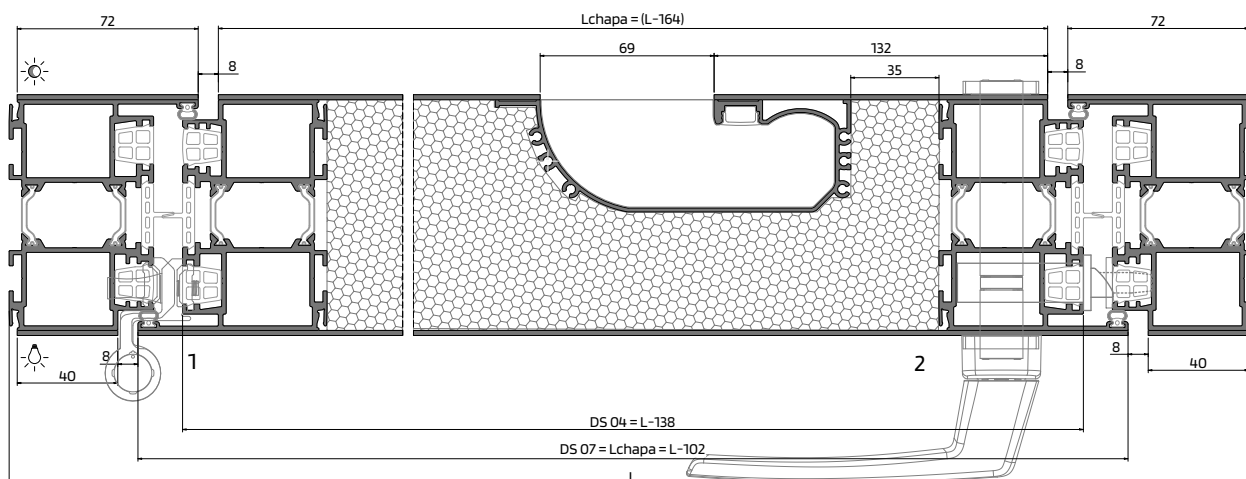
* Para tipologias sem a aplicação dos topos soleira.

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

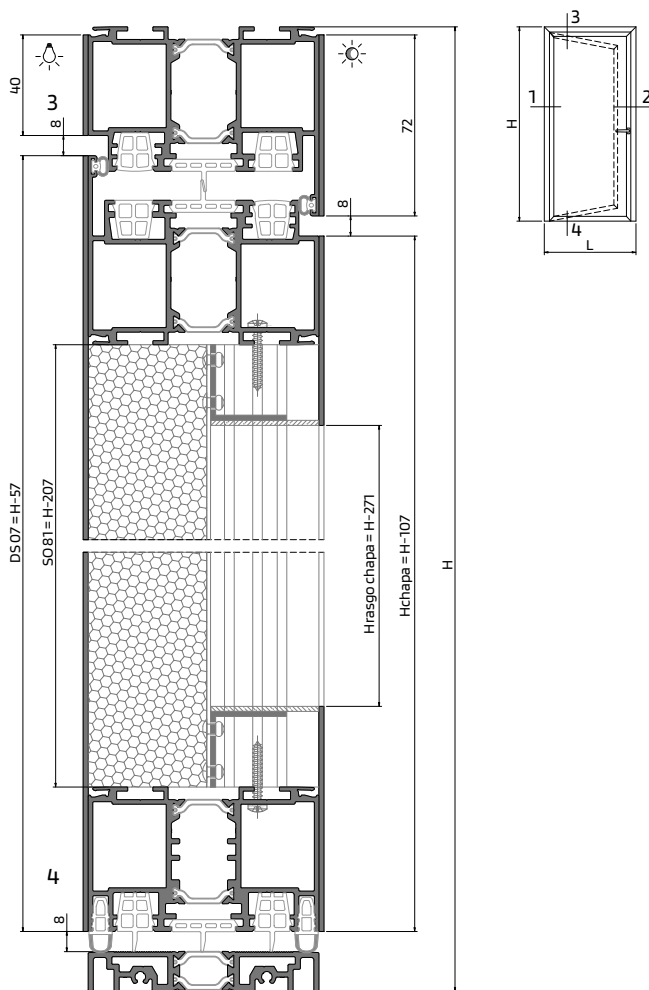
PORTE À 1 VANTAIL D'OUVERTURE VERS L'INTÉRIEUR - AVEC PAUMELLE CACHÉE

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

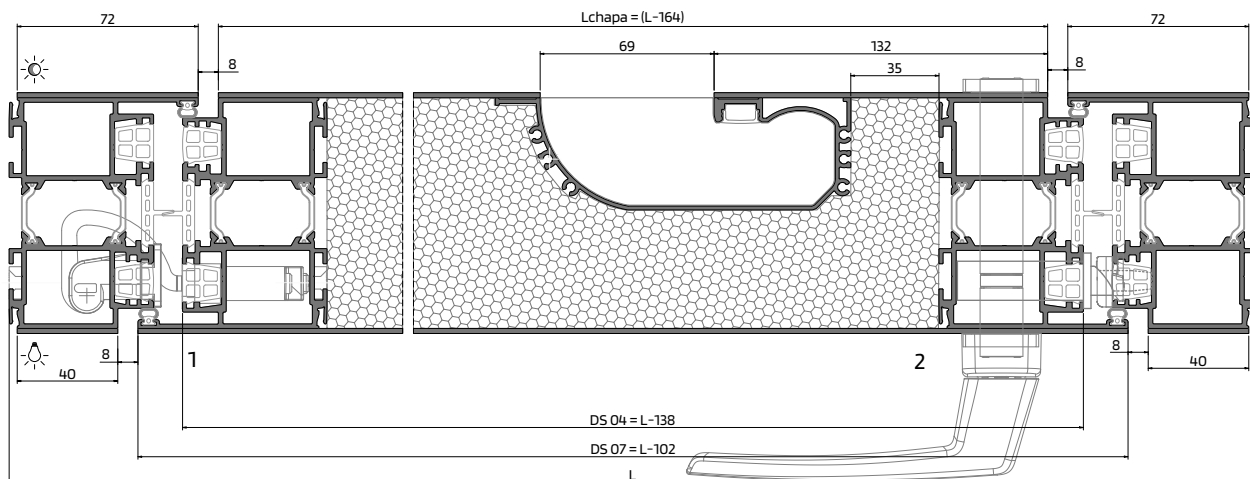
Pour les typologies sans application d'extrémités de seuil.

**** 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

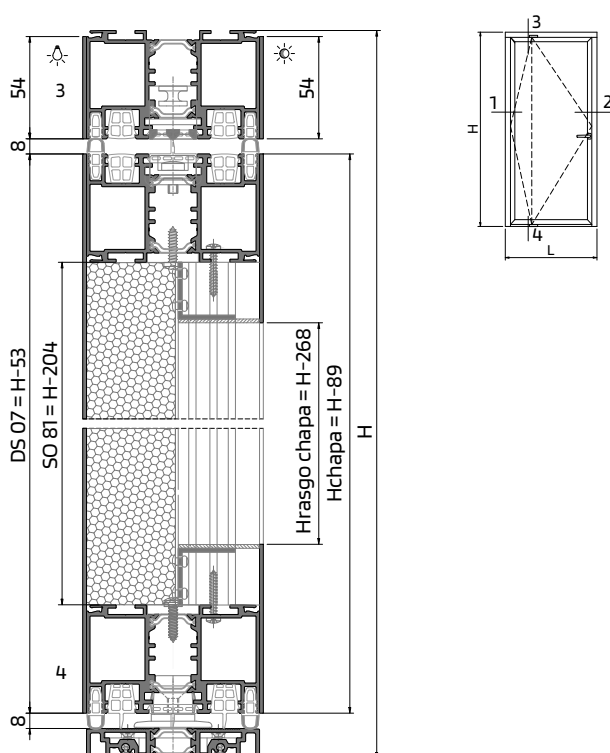
PORTE PIVOTANT 1 VANTAIL

PERFIS PROFILES PROFILS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERT. VERTICAL DETAIL DÉTAIL VERTICAL	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 POIGNÉE INTÉGRÉE	-	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

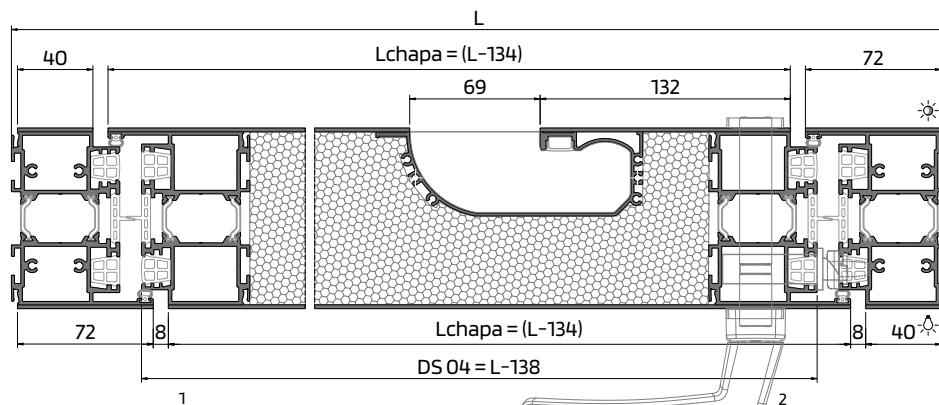
Pour les typologies sans application d'extrémités de seuil

**** 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.

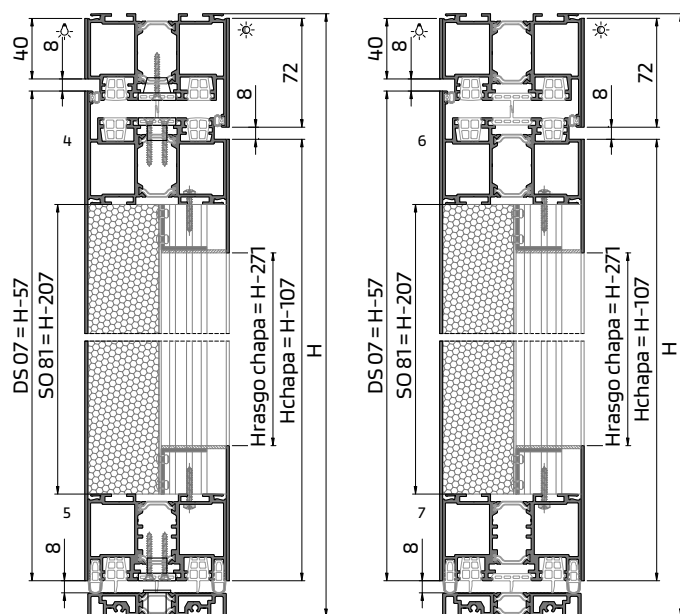
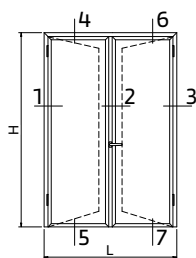
VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE
 208008	VD 2051	2L+4H
 208227	VD 2287 DS	3L+4H
 208359	VD2180 DS	4L+8H
 208360	VD 2181 DS	2L
 208353	VD 2130 DS	4L
 208361	VD 2182 DS	2L



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 BLINDING 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'EMBOUTIT 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 DIN7982 PH 3.5X32 INOX A2 SCREW VIS	6
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.

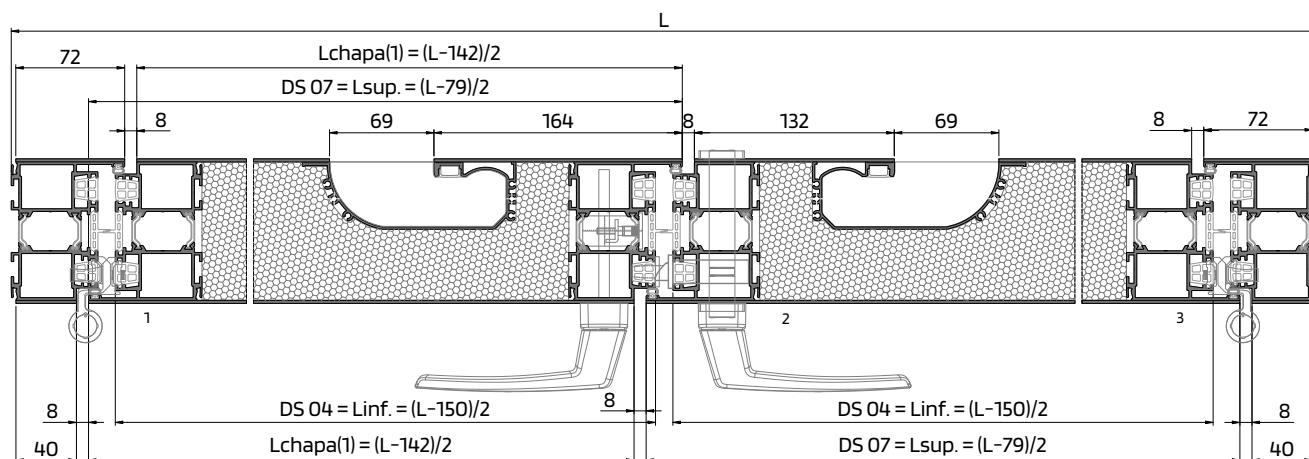
Pour les typologies sans application d'extrémités de seuil.

★★ 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.

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

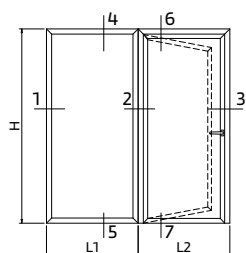
Les typologies ne peuvent pas dépasser 4200mm de hauteur.



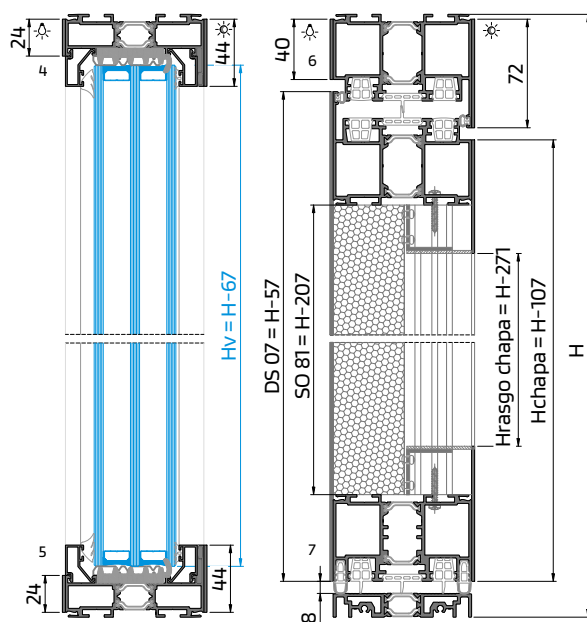
PORTA DE 1 FOLHA COM FIXO LATERAL - LINHA RETA - ABERTURA PARA INTERIOR COM PUXADOR SO 81

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
I-1-67	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 WEEDGE GASKET / JOINT INTERIEUR	2L1+2H

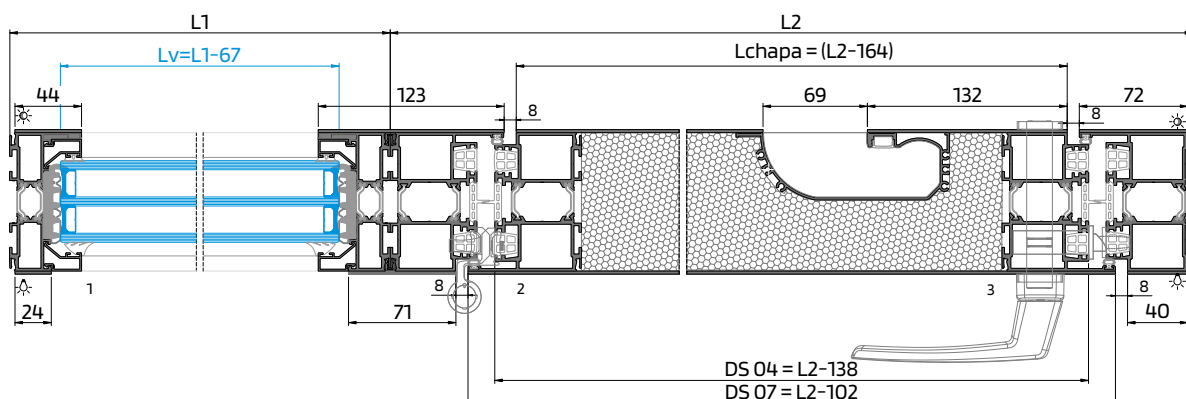
PERFIS PROFILES PROFILÉS						
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL DETAIL DÉTAIL HORIZONT.	CORTE VERT. VERTICAL DETAIL DÉTAIL VERTIC.	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE	
 DS 07	ARO FIXO FIXED FRAME DORMANT	L2	H	1+2		
 DS 01	ARO FIXO FIXED FRAME DORMANT	L1	H	2+2		
 DS 07	ARO MÓVEL MOBILE FR OUVRANT	L2-102	H-57	1+2		
 DS 04	ARO MÓVEL MOBILE FR OUVRANT	L2-138	-	1		
 -	BITE 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	*	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 ÉQUIERRE	12
204178	ESQUADRO DS 2914-D BLOCKING BRACKET ÉQUIERRE	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
212449	CONJ. TOPOS 50 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 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
290030	PARAFUSO DIN 7981 4,2x38 INOX A2 SCREW VIS	4 *
290030	PARAFUSO AT/PF DIN 7504-N 4,8x25 INOX A2 SCREW VIS	min. 8
218194	CALÇOS P/VIDRO EURO 2000 GLAZING SPACERS/EURO 2000	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.

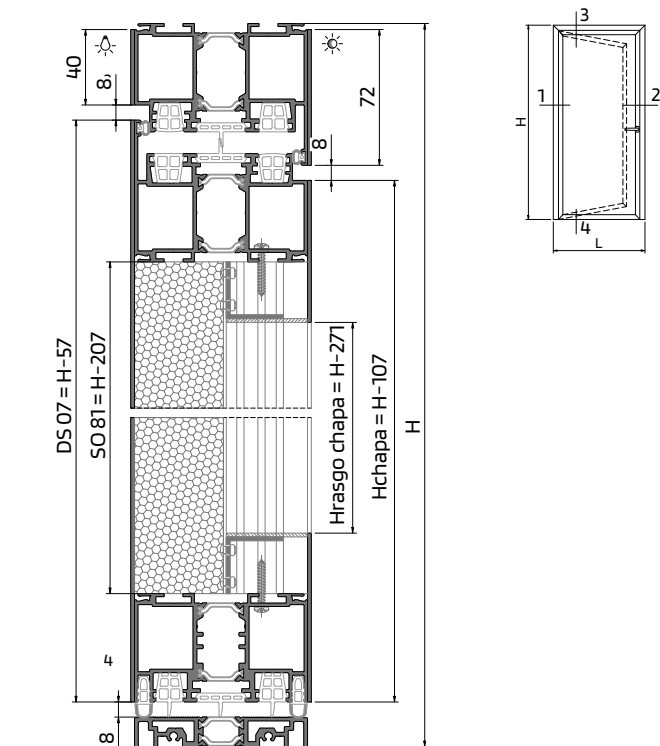
** Em alternativa, usar a Junta VD 2132 (Ref 208323 em toda a altura).
Alternatively, use the Joint VD 2132 (Ref 208323) along the entire height.
En alternative, utiliser le Joint VD2132 (réf. 208323) sur toute la hauteur.



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. HORIZONT. DETAIL	CORTE VERT. VERTICAL DETAIL	QUANT. QUANTITY	CORTE CUT
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	

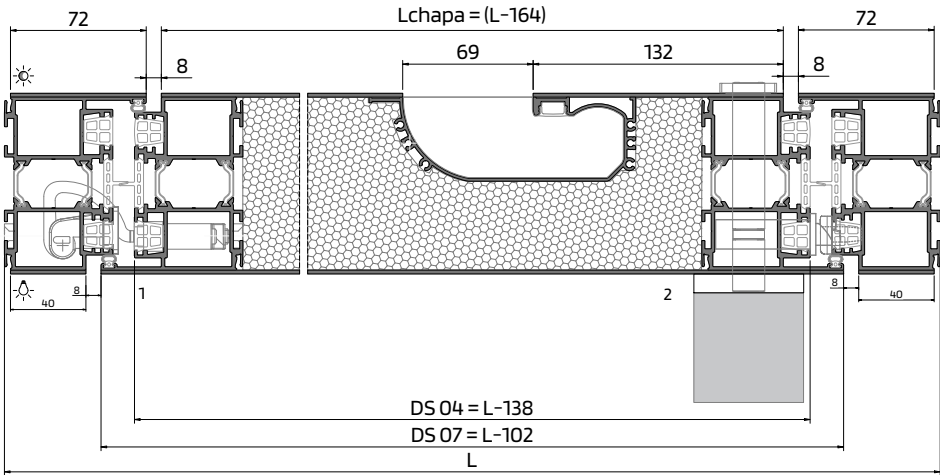
★ Para tipologias de batente sem a aplicação dos topos soleira.
For jamb typologies without the application of sill ends.
Pour les typologies de montants sans application d'extrémités de seuil.



ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
204177	ESQUADRO DS GRANDE 2933-D BLOCKING BRACKET ÉQUIPÉE	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	1
299120	SISTEMA ABERTURA INTELIGENTE LINUS PRETO SMART OPENING SYSTEM SYSTÈME D'OUVERTURE INTELLIGENT	1
218161	CALÇO AB. INTERIOR P/ LINUS SHIM CALÉ	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 FIXATION DE LA CHARNIÈRE 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 PROFILÉ	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.
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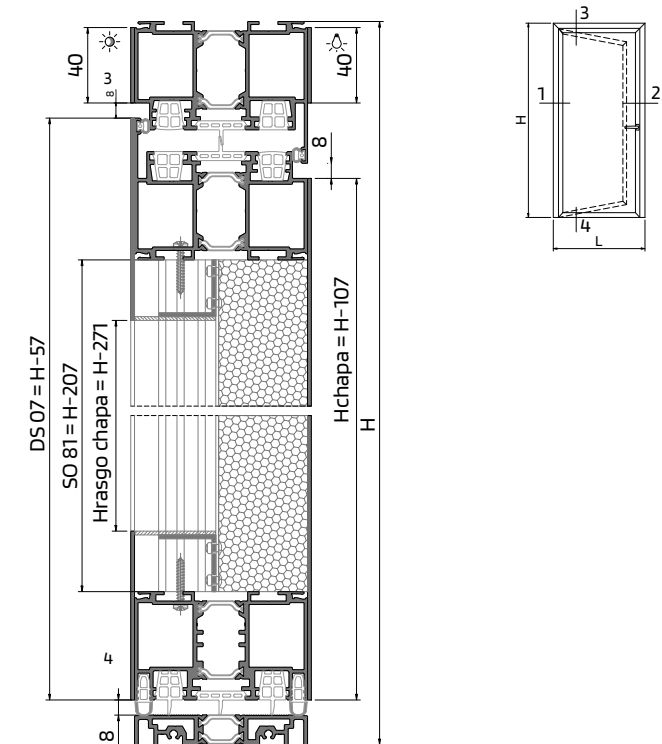
VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208008	VD 2051	2L+4H
208227	VD 2287 DS	3L+4H
208359	VD 2180 DS	4L+8H
208360	VD 2181 DS	2L
208353	VD 2130 DS	2L



PORTA DE 1 FOLHA DE ABERTURA PARA 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.

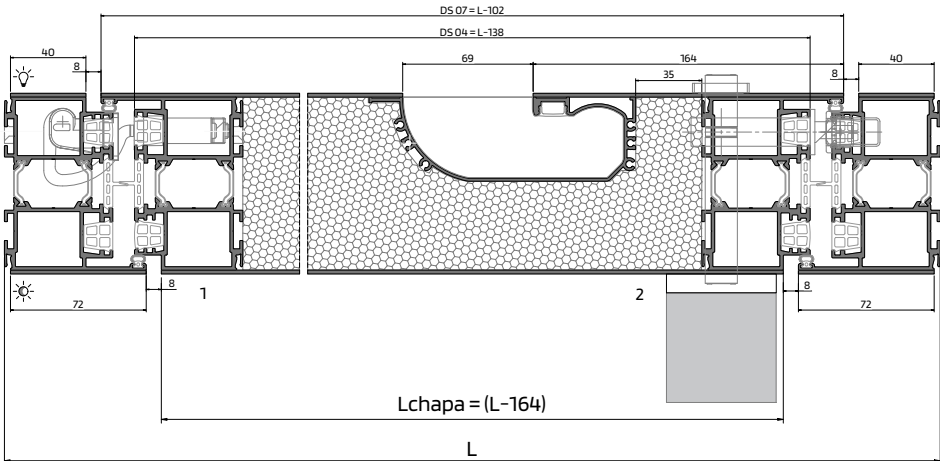


ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
204177	ESQUADRO DS GRANDE 2933-D BLOCKING BRACKET ÉQUIERRE	12
202109	DOBRADIÇA OCULTA SOLID HINGE PAUMELLE	2
207458	CILINDRO ALTA SEGURANÇA 30/80 CYLINDER LOCK CYLINDRE DE SERRURE	1
220197	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.

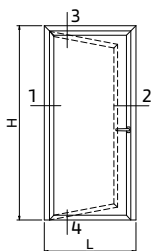
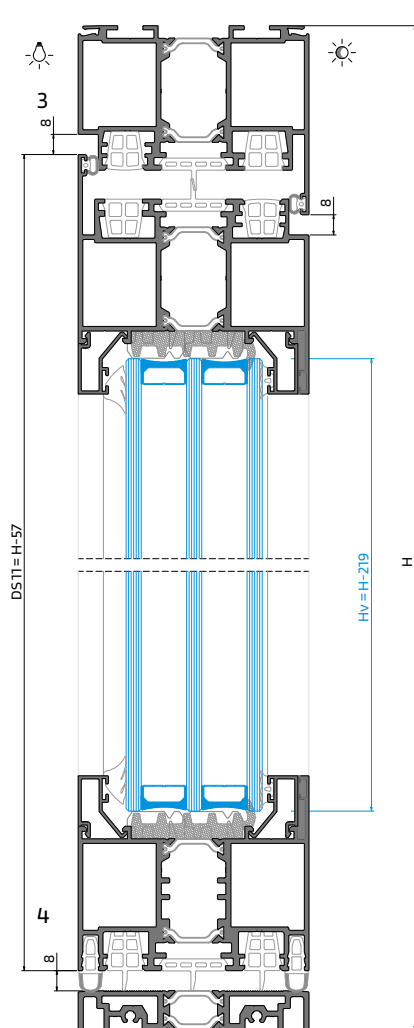
VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208008	VD 2051	2L+4H
208227	VD 2287 DS	3L+4H
208359	VD 2180 DS	4L+8H
208360	VD 2181 DS	2L
208353	VD 2130 DS	2L



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

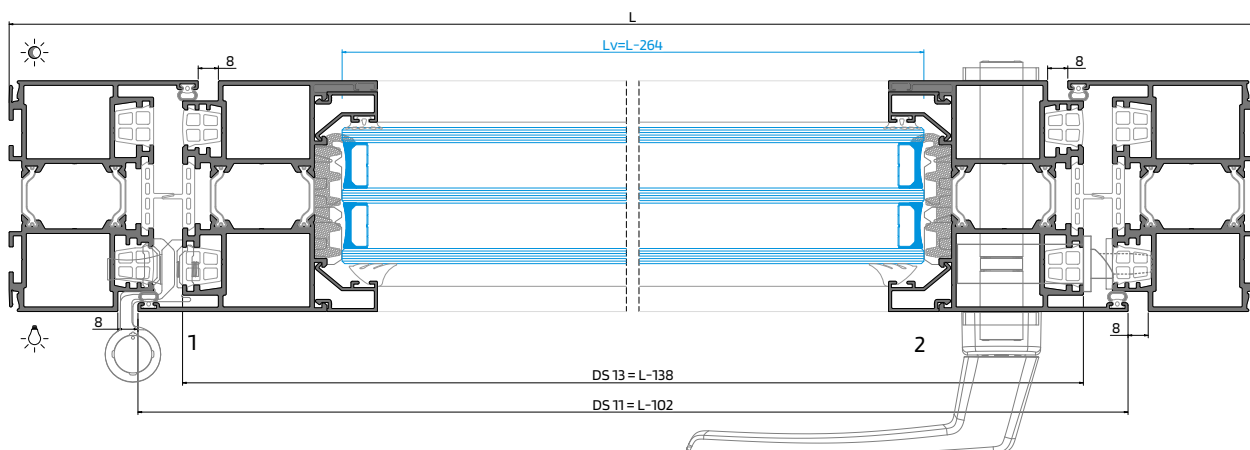
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONT. DETAIL	CORTE VERT. VERTICAL DETAIL	QUANT. QUANTITY	CORTE CUT
DS 07	ARO FIXO FIXED FRAME DORMANT	L	H	1+2	
DS 11	ARO MÓVEL MOBILE FR. OUVRANT	L-102	H-57	1+2	
DS 13	ARO MÓVEL MOBILE FR. OUVRANT	L-138	-	1	
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.

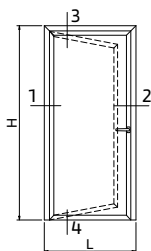
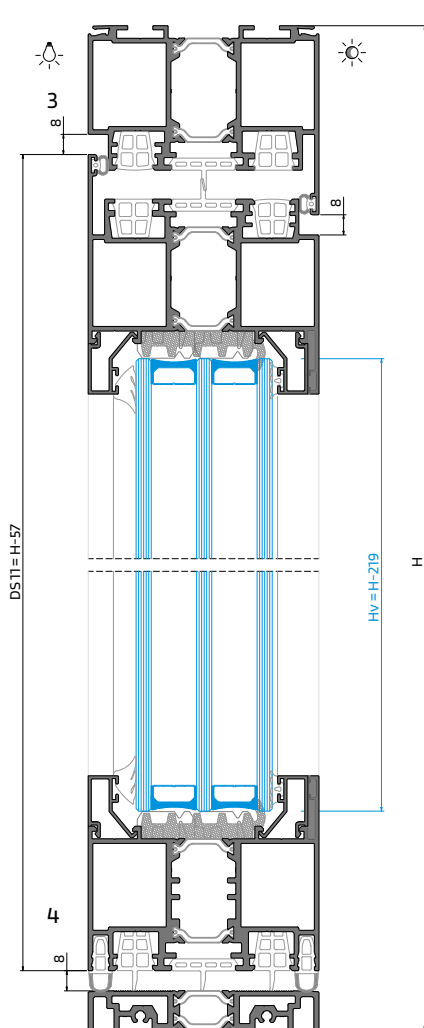
VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208008	VD 2051	2L+4H
208227	VD 2287 DS	3L+4H
208359	VD2180 DS	4L+8H
208360	VD 2181 DS	2L
208353	VD 2130 DS	2L
208504	VD 2171 ou or ou VD 2170	2L+2H
208503	VD 2170	2L+2H
VARIÁVEL VARIABLE	JUNTA INTERIOR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

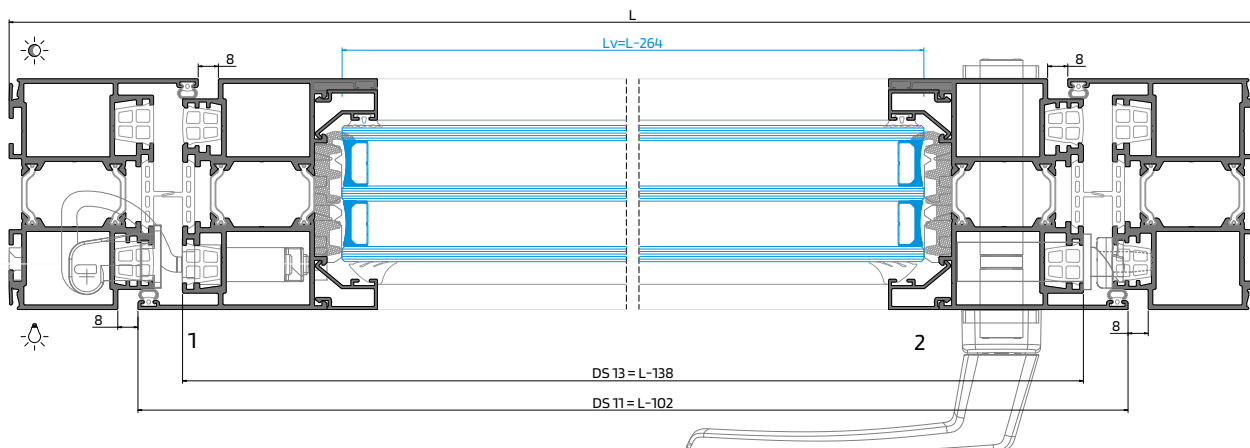
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONT. DETAIL DÉTAIL HORIZONT.	CORTE VERT. VERTICAL DETAIL DÉTAIL VERTIC.	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
DS 07	ARO FIXO FIXED FRAME DORMANT	L	H	1+2	
DS 11	ARO MÓVEL MOBILE FR. OUVRANT	L-102	H-57	1+2	
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	

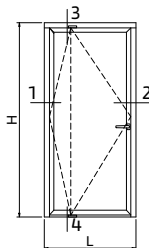
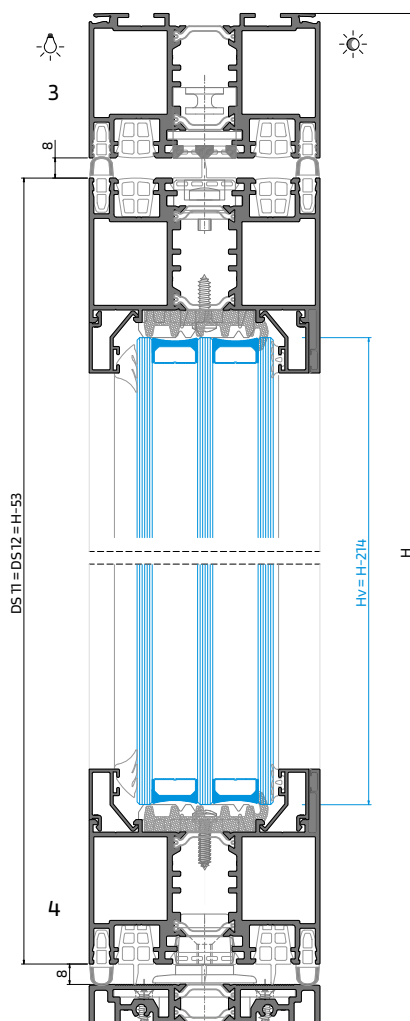
★ Para tipologias de batente sem a aplicação dos topos soleira.
For jamb typologies without the application of sill ends.
Pour les typologies de montants sans application d'extrémités de seuil.

ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
204177	ESQUADRO DS GRANDE 2933-D 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	2L+2H
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 VANTAILMEDIDAS 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	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	

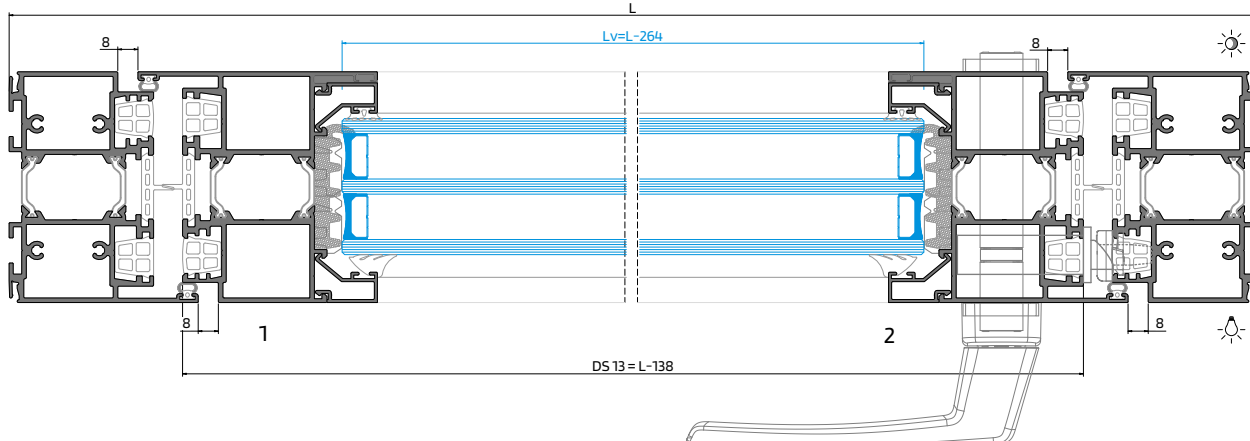
* Para tipologias sem a aplicação dos topos soleira.
For typologies without the application of sill ends.
Pour les typologies sans application d'extrémités de seuil.

ACESSÓRIOS | ACCESSORIES | ACCESSOIRES

CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
204177	ESQUADRO DS GRANDE 2933-D BUCKING 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 VIS	6
290148	PARAFUSO CX UMB. M5X50 INOX A2 SCREW VIS	4
290262	PARAFUSO PAR 003 PK INOX PH 11/2X10 CQ SCREW VIS	4
290168	PARAFUSO CX 5/8X10 INOX A2 SCREW VIS	2
290506	PARAFUSO PK1 PH 3/4X10 CQ SCREW VIS	7
290149	PARAFUSO CX UMB. M6X60 INOX A2 SCREW VIS	5
290030	PARAFUSO DIN7981 4.2x38 INOX A2 SCREW VIS	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.

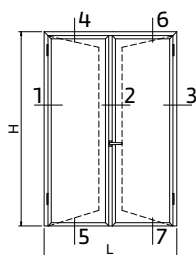
VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208008	VD 2051	4H
208227	VD 2287 DS	3L+4H
208359	VD 2180 DS	4L+8H
208360	VD 2181 DS	2L
208353	VD 2130 DS	4L
208361	VD 2182 DS	2L
208504	VD 2171 ou or ou	2L+2H
208503	VD 2170	2L+2H
VARIÁVEL VARIABLE	JUNTA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



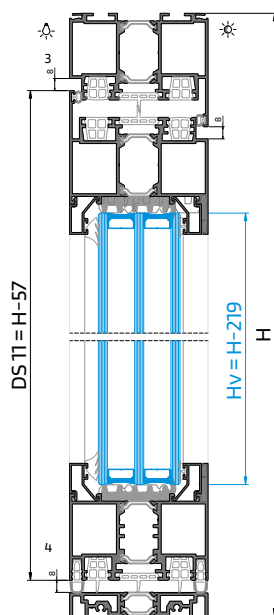
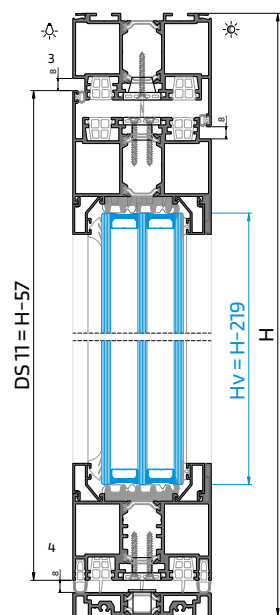
PORTA DE 2 FOLHAS DE ABERTURA PARA INTERIOR - COM DOBRADIÇA DS 2D

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
(L-403)/2	H-219



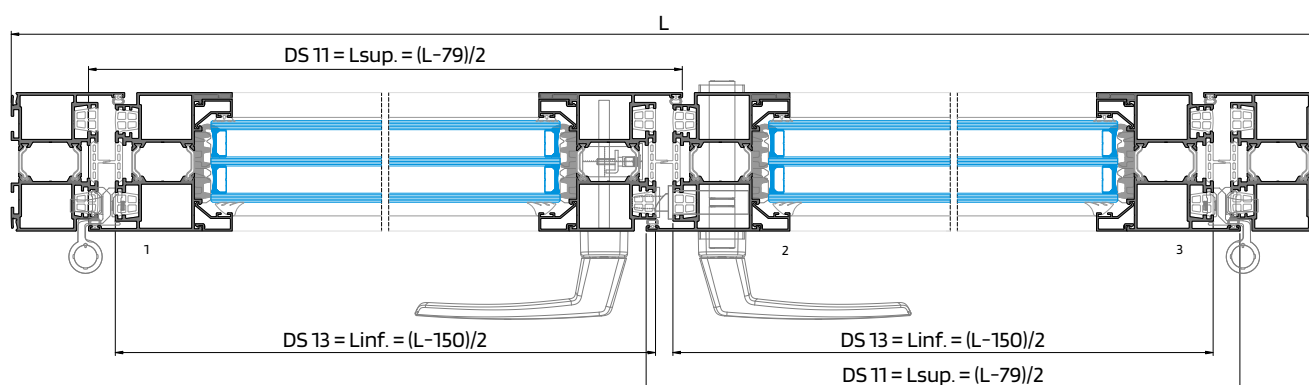
VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208008	VD 2051	2L+6H
208227	VD 2287 DS	3L+6H
208359	VD2180 DS	4L+12H
208360	VD 2181 DS	2L
208353	VD 2130 DS	2L
208504	VD 2171	2L+4H
208503	ou or ou VD 2170	
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	2L+4H
208182	VD 2090	2L+4H

PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. 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	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 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
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
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
212017	CONJ. FIXAÇÃO FERRAGEM MULTI-PONTO MULTIPPOINT HARDWARE FIXING KIT KIT FIXATION FERRURE MULTIPPOINT	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*
218194	CALÇOS P/VIDRO EURO 2000 GLAZING SHIMS CALES POUR VERRE	Diversos Various Divers

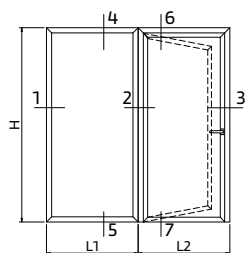
* Para tipologias sem a aplicação dos topos soleira.
For typologies without the application of sill ends.
Pour les typologies sans application d'extrémités de seuil.
** As tipologias não podem ultrapassar os 4200mm de altura.
The typologies cannot exceed 4200mm in height.
Les typologies ne peuvent pas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



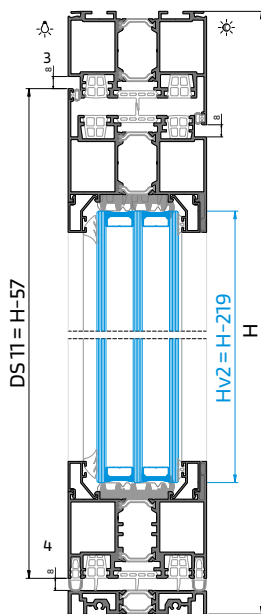
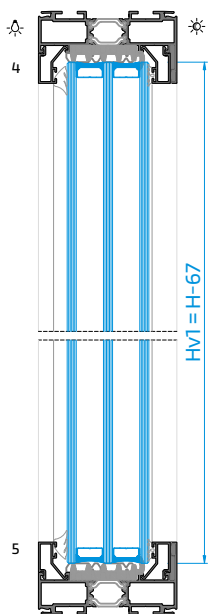
PORTA DE 1 FOLHA COM FIXO LATERAL - LINHA RETA - ABERTURA PARA INTERIOR

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



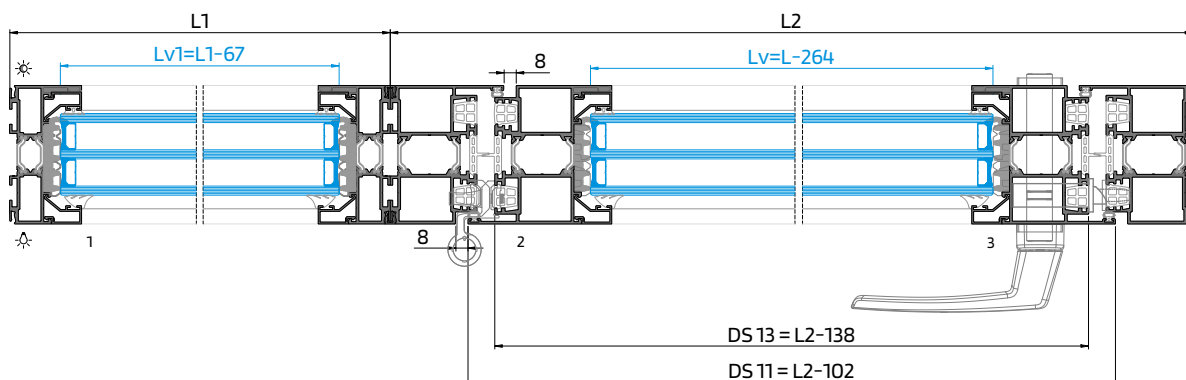
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONT. DETAIL DÉTAIL HORIZONT.	CORTE VERT. VERTICAL DETAIL DÉTAIL VERTIC.	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
DS 07	ARO FIXO FIXED FRAME DORMANT	L2	H	1+2	
DS 01	ARO FIXO FIXED FRAME DORMANT	L1	H	2+2	
DS 11	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.

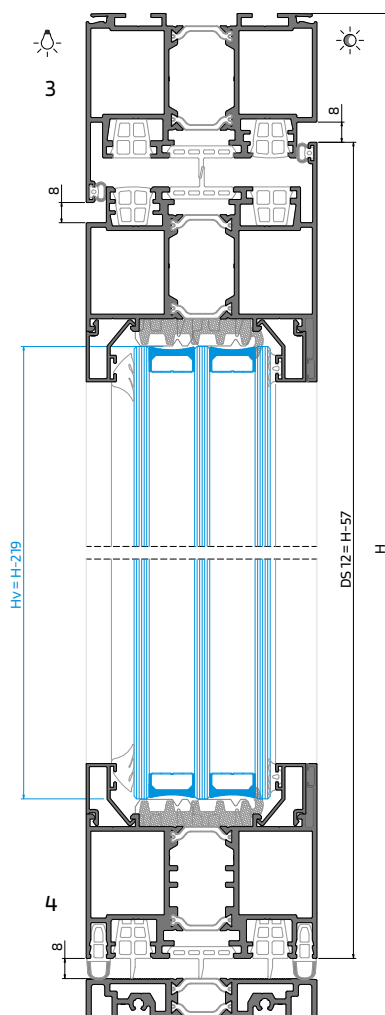
ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
204177	ESQUADRO DS GRANDE 2933-D BLOCKING BRACKET ÉCLOUVERRE	12
204178	ESQUADRO DS 2914-D BLOCKING BRACKET ÉCLOUVERRE	8
202238	DOBRAÇA PORTA DS 2L AFINAÇÃO 3D HINGE PAUMELLE	2
201138	FECHADURA 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 ou or ou VD 2170	2L1+2H
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

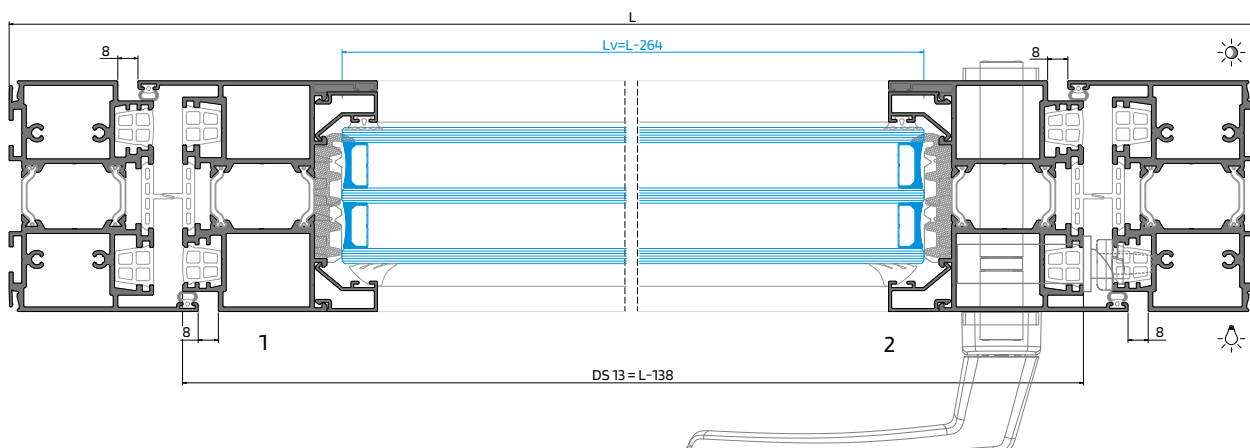
* Para tipologias de batente sem a aplicação dos topos soleira.
For jamb typologies without the application of sill ends.
Pour les typologies de montants sans application d'extrémités de seuil.

★★ 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'FOURBBF	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.

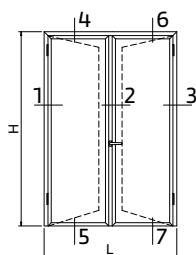
VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208008	VD 2051	2L+4H
208227	VD 2287 DS	3L+4H
208359	VD2180 DS	4L+8H
208360	VD 2181 DS	2L
208353	VD 2130 DS	2L
208504	VD 2171 ou or ou	2L+2H
208503	VD 2170	2L+2H
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING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



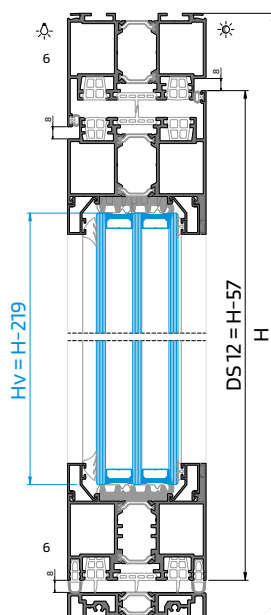
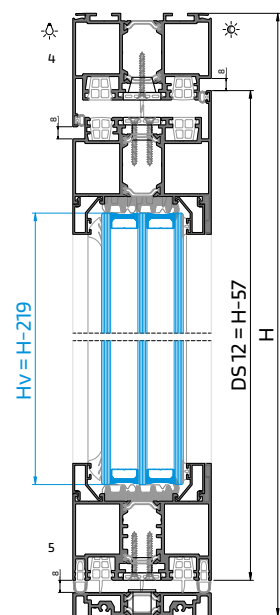
PORTA DE 2 FOLHAS DE ABERTURA PARA EXTERIOR - COM DOBRADIÇAS MECHANICA

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



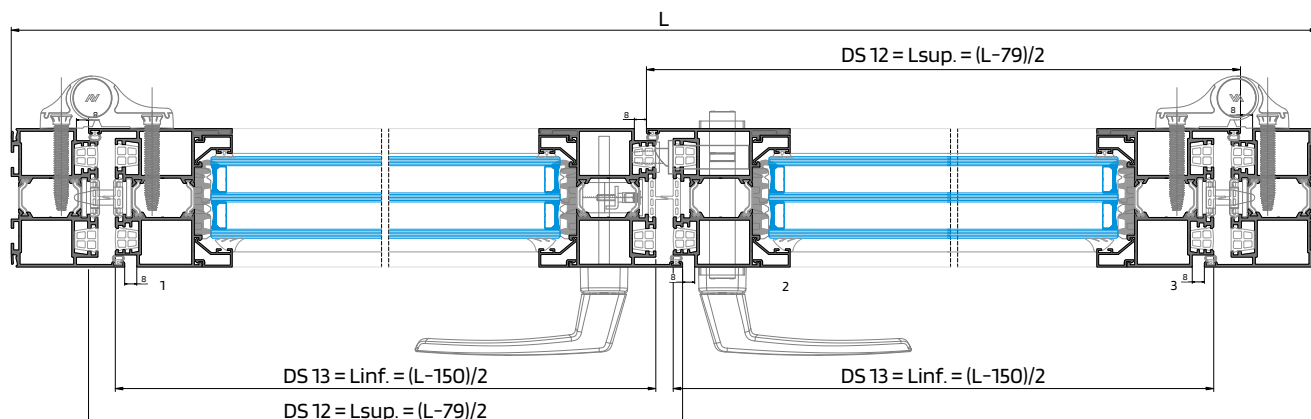
VEDANTES SEALENTS JOINTS		
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
208008	VD 2051	2L+6H
208227	VD 2287 DS	3L+6H
208359	VD2180 DS	4L+12H
208360	VD 2181 DS	2L
208353	VD 2130 DS	2L
208504	VD 2171	2L+4H
208503	ou or OU VD 2170	2L+4H
VARIÁVEL VARIABLE	JUNTA INTERIOR GLAZING 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 OUVRAINT	-	H-57	1	
DS 12	ARO MÓVEL MOBILE FR OUVRAINT	Lsup. = (L-79)/2	H-57	2+3	
DS 13	ARO MÓVEL MOBILE FR OUVRAINT	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 MULTIPPOINT HARDWARE FIXING KIT KIT FIXATION FERRURE MULTIPPOINT	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.

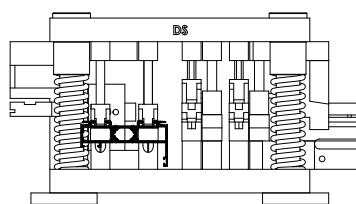


V

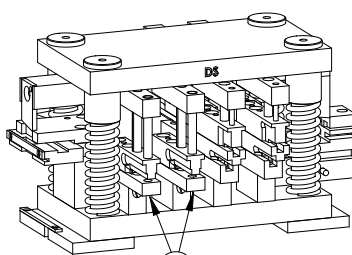
MAQUINAÇÕES, CORTES E FRESAGENS MACHININGS, CUTS AND MILLINGS USINAGES, COUPES ET FRAISAGES

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

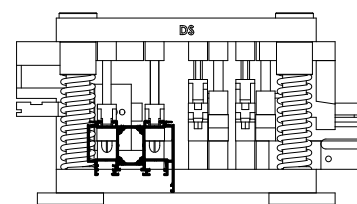
FURAÇÃO PARA ESQUADROS NOS PERFIS DS 01, DS 04, DS 07, DS 11, DS 12 e DS 13 DRILLING
FOR SQUARES IN DS 01, DS 04, DS 07, DS 11, DS 12 and DS 13 PROFILES
PERÇAGE D'EQUÈRES DANS LES PROFILS DS 01, DS 04, DS 07, DS 11, DS 12 et DS 13



2

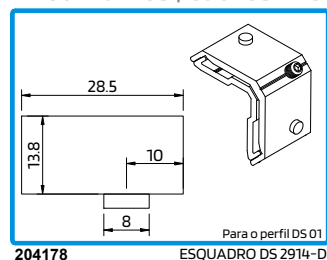


2



2

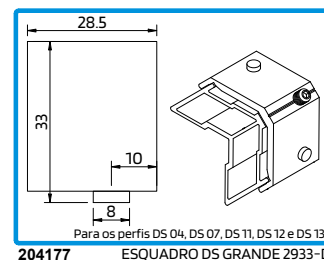
Aros fixos
Fixed frames | Cadres fixes



204178

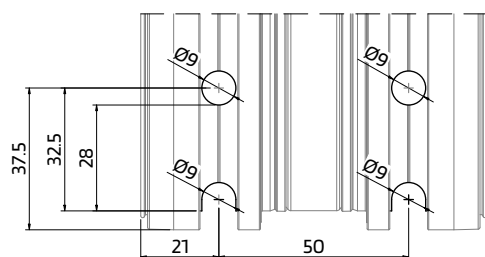
ESQUADRO DS 2914-D

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

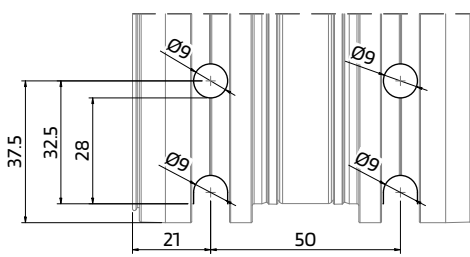


204177

ESQUADRO DS GRANDE 2933-D

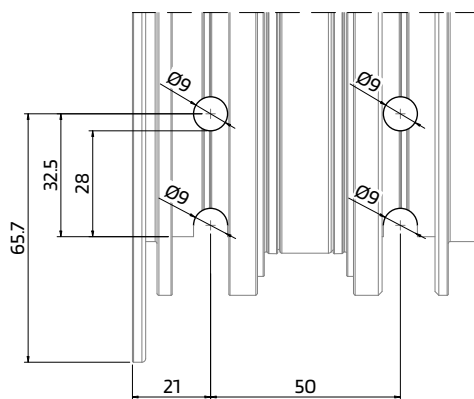


DS 01

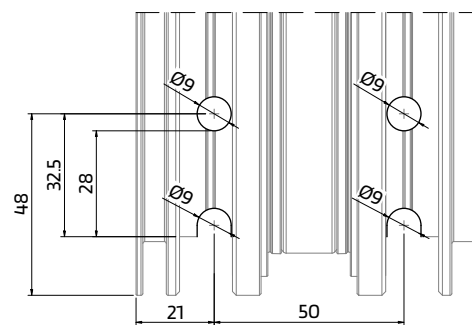


DS 07

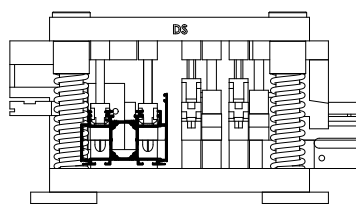
Aros móveis
Mobile frames | Cadres ouvrants



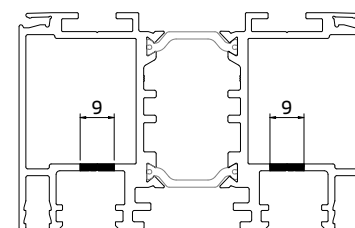
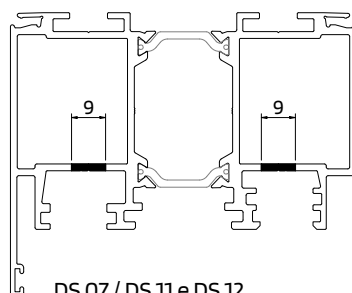
DS 07 / DS 11 e DS 12



DS 04 / DS 13



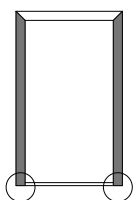
2



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

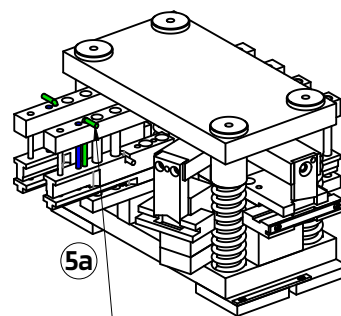
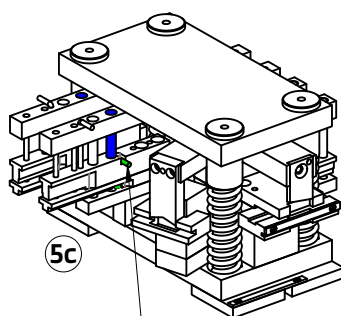
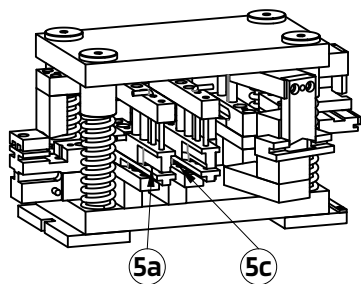


Corte a 45°
45° Cut | Coupe à 45°

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

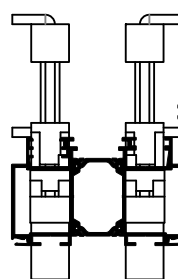
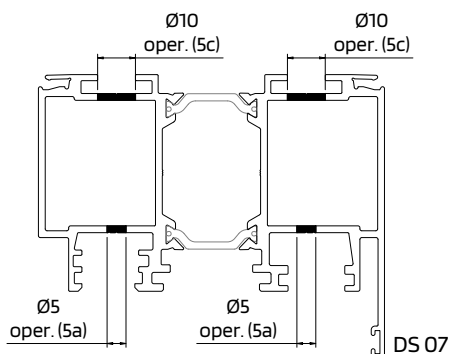
Note: This operation only applies if you want to fix the sill directly to the jambs.

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

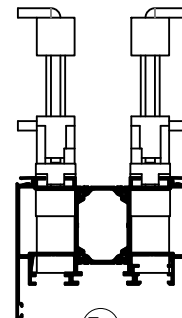


Batente
Stopper | Butées

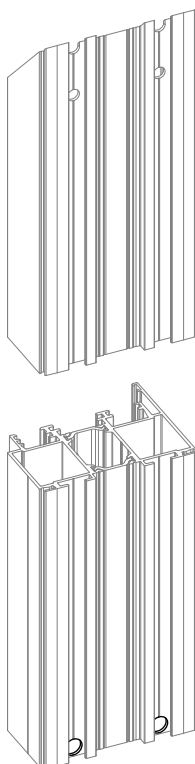
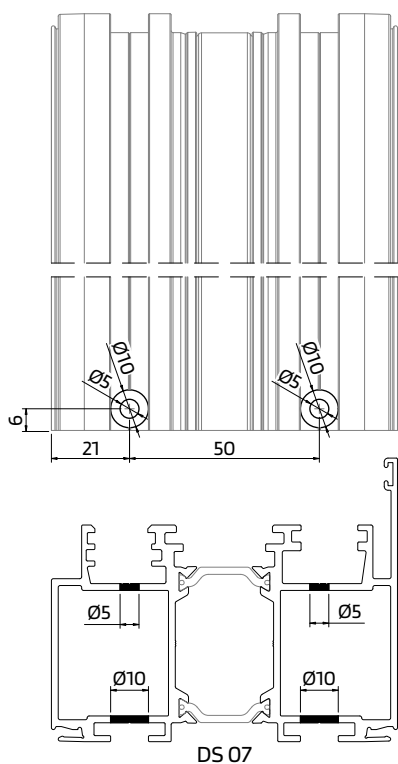
Batente
Stopper | Butées



5a



5c



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

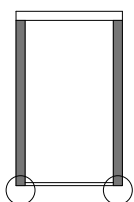
Note: to machine operations 5a and 5c, it will be necessary to place the **stoppers** and activate the punches.

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

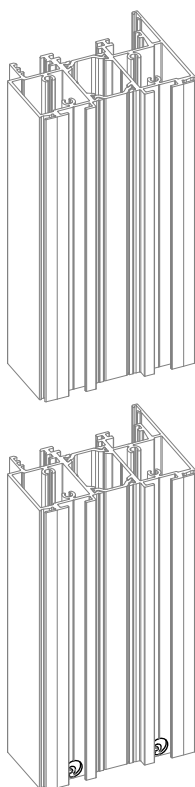
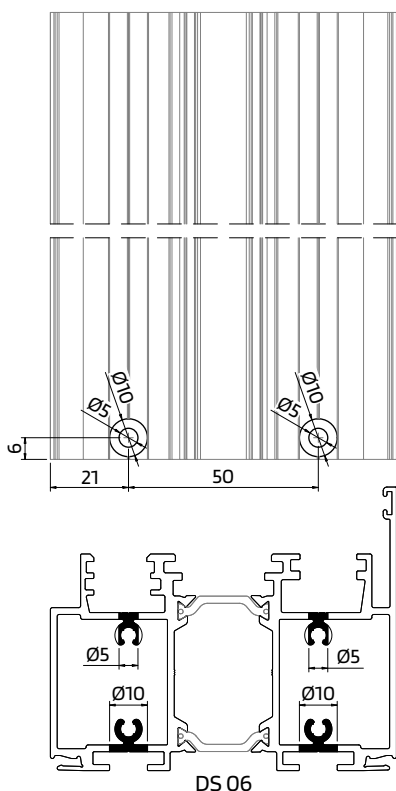
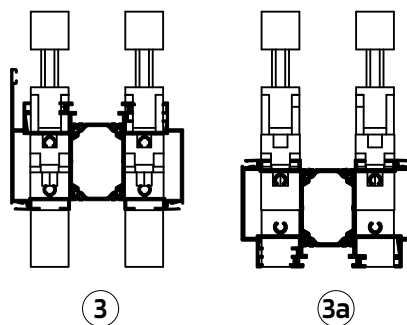
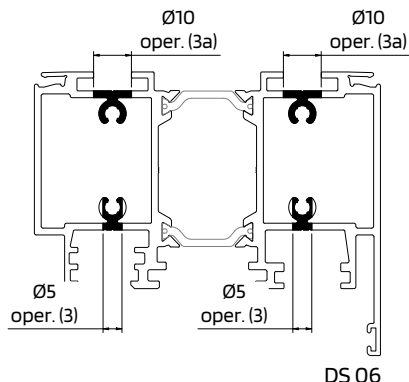
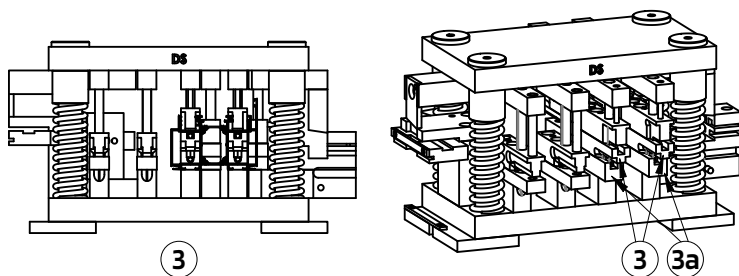


Corte a 90°
90° Cut | Coupe à 90°

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

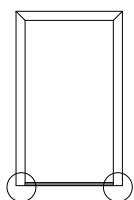
Note: This operation only applies if you want to fix the sill directly to the jambs.

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

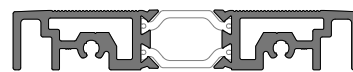


FURAÇÃO E MAQUINAÇÃO DA SOLEIRA DS 49 PARA APERTO NAS OMBREIRAS
DRILLING AND MACHINING OF THE DS 49 SILL FOR FASTENING TO THE JAMBS
PERÇAGE ET USINAGE DU SEUIL DS 49 POUR LE VERROUILLAGE SUR LES JAMBAGES

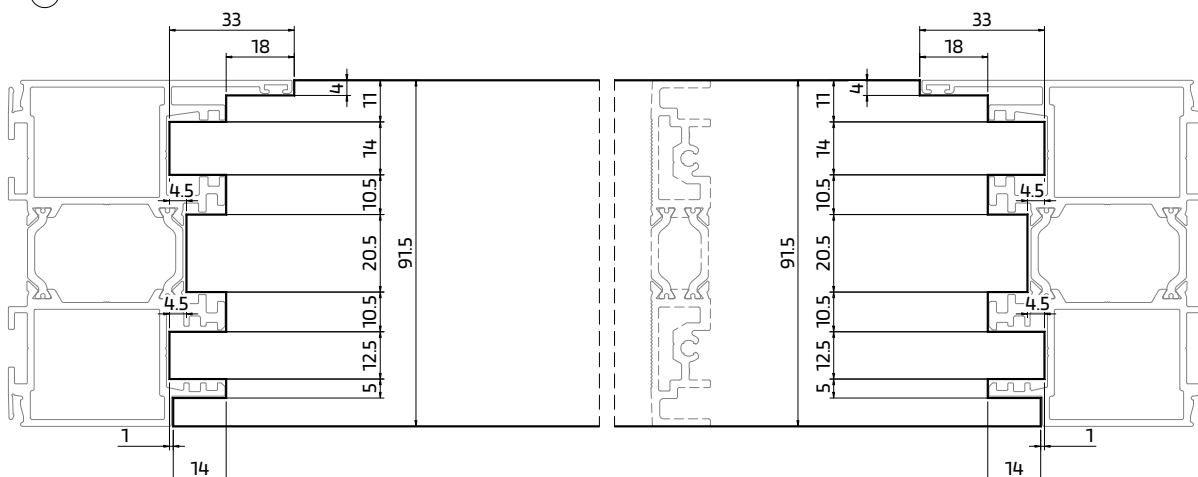
Tipologias de batente | Side-hinged typologies | Typologies à battant



Corte a 45°
45° Cut | Coupe à 45°



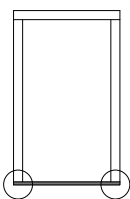
DS 49



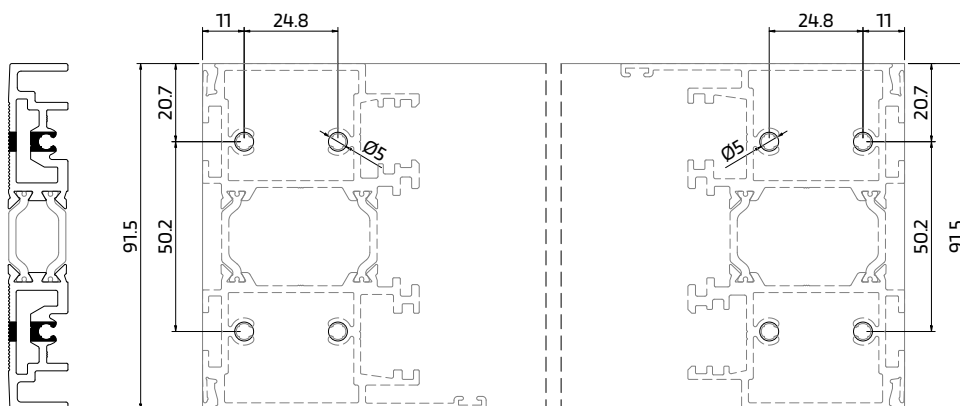
Tipologias pivotantes | Pivoting typologies | Typologies à pivotante

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.

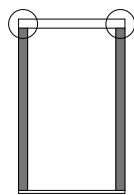
Note: This operations only applies if you want to attach the sill directly to the jambs.

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

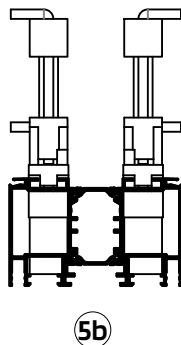
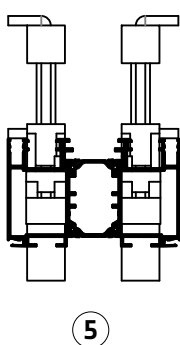
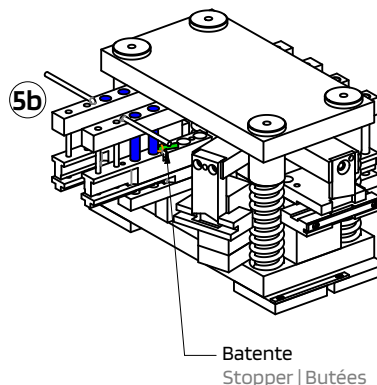
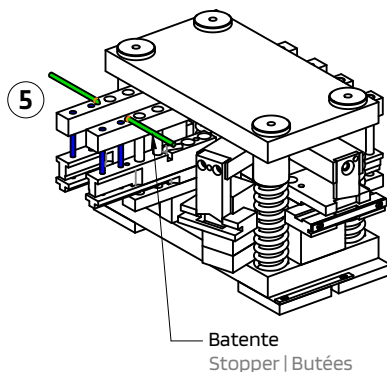
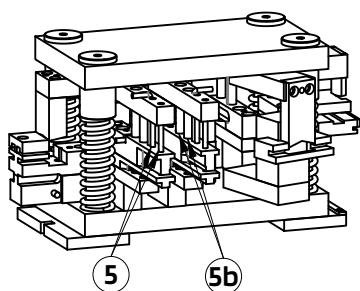
Aros fixos

Fixed frames | Cadres fixes

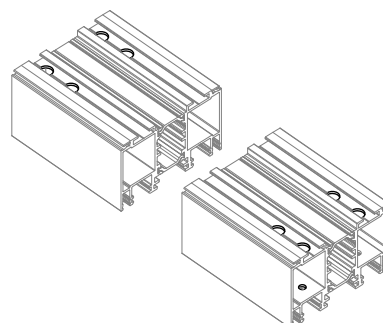
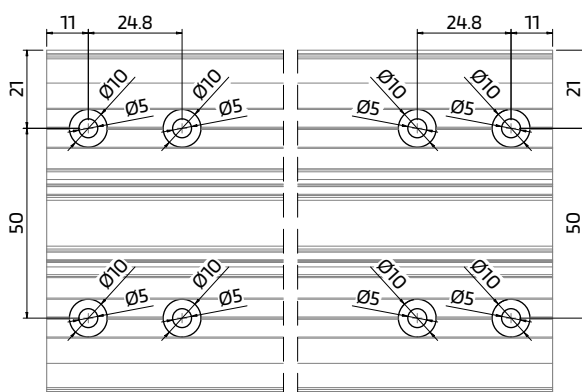
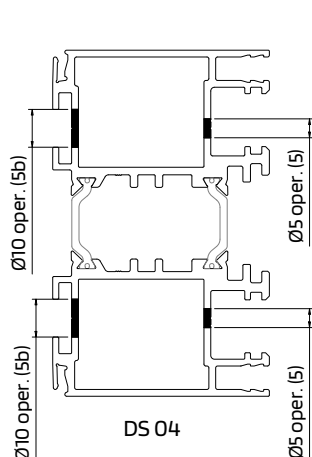


Corte a 90°
90° Cut | Coupe à 90°

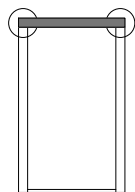
Maquinação realizada no Cortante
Machining performed on Punching tool
Usinage réalisée dans l'Outil



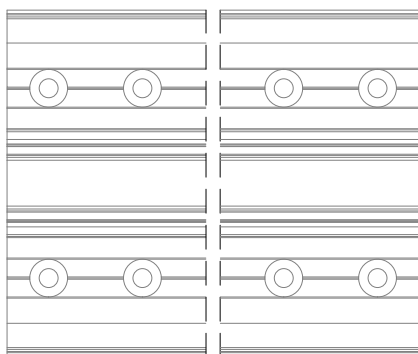
Nota: para maquinar as operações 5 e 5b será necessário colocar os **batentes** em descanso e ativar os punções.
Note: to machine operations 5 and 5b, it will be necessary to reset the **stoppers** and activate the punches.
Note: pour effectuer les opérations 5 et 5b, il faudra reposer les **butées**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



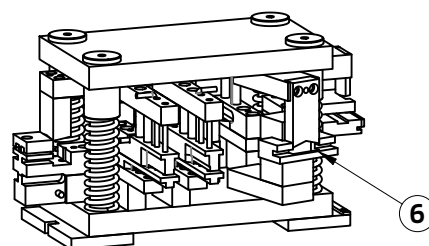
FRESAGEM DOS PERFIS *RENOVATIO* E DE PADIEIRA PARA AS TIPOLOGIAS PIVOTANTE
MILLING OF *RENOVATIO* AND LINTEL PROFILES FOR PIVOTING TYPOLOGIES
FRAISAGE DES PROFILÉS *RENOVATIO* ET DES LINTEAUX POUR LES TYPES PIVOTANTES



Corte a 90°
90° Cut | Coupe à 90°

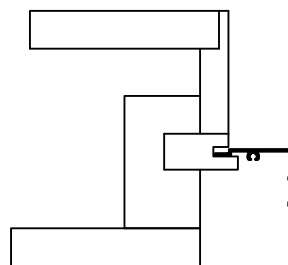
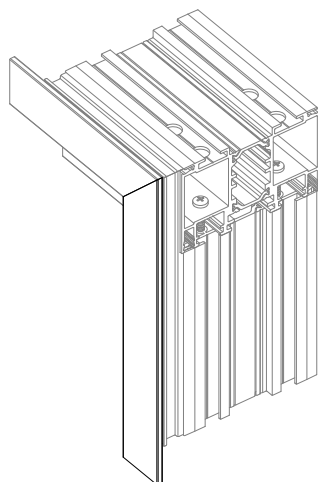
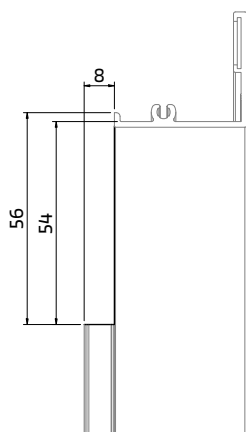


Maquinação realizada no Cortante
Machining performed on Punching tool
Usinage réalisée dans l'Outil



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

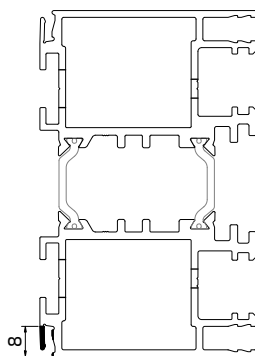
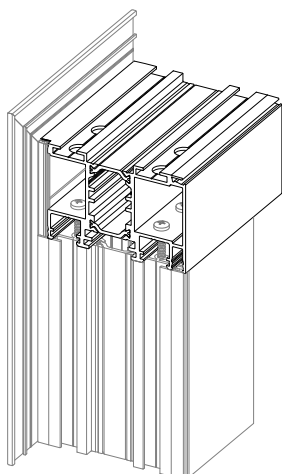
Exemplo: KE 91
Exemple | Exemple



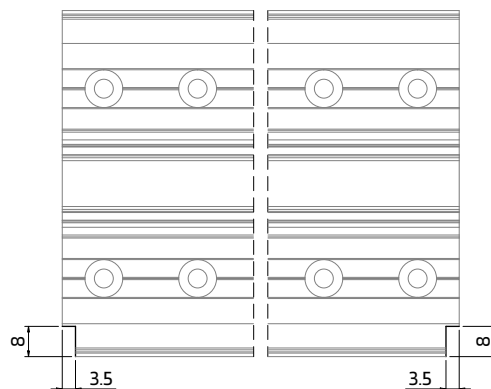
6

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



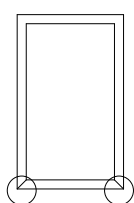
DS 04



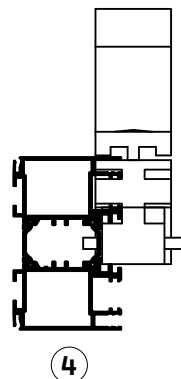
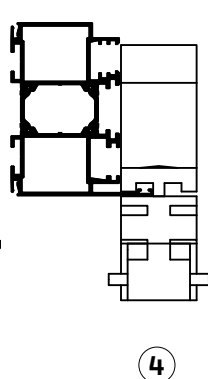
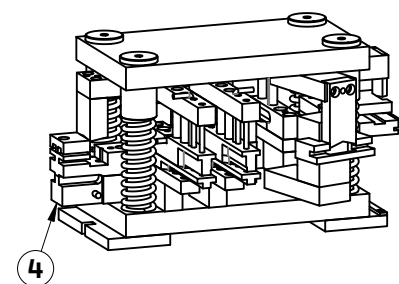
FRESAGEM NO PERFIL ARO MÓVEL PARA TIPOLOGIAS DE BATENTE 1 FOLHA
MOBILE FRAME PROFILE MILLING FOR 1 SASH SIDE-HINGED TYPOLOGIES
FRAISAGE DE PROFILÉ OUVRANT POUR LES TYPOLOGIES À BATTANT 1 VANTAIL

Aros móveis

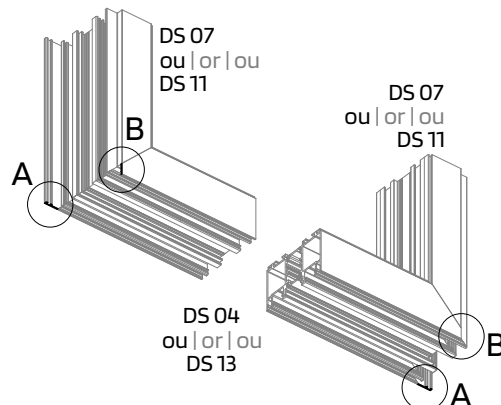
Mobile frames | Cadres ouvrants



Corte a 45°
45° Cut | Coupe à 45°



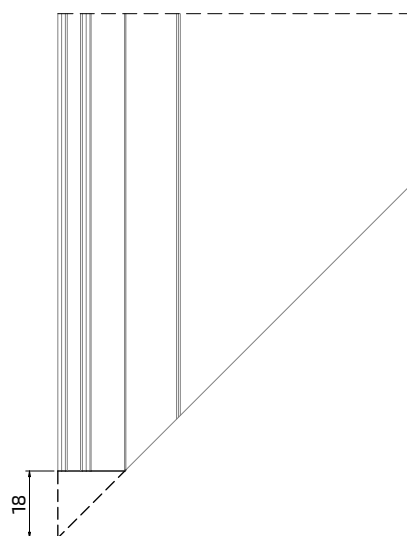
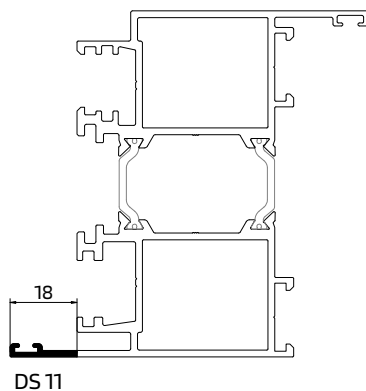
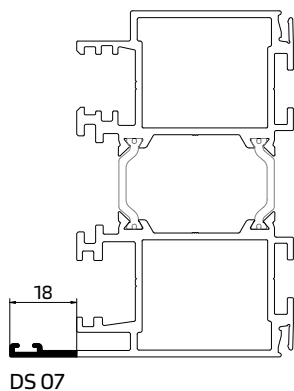
Zona INFERIOR da folha móvel
LOWER area of the movable sash
Zone INFÉRIEUR de l'ouvrant



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

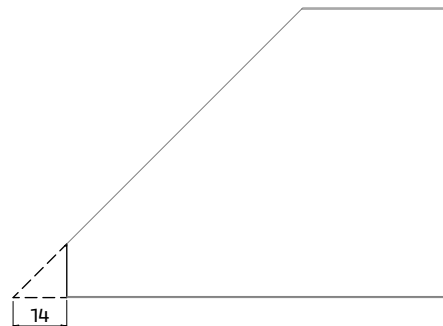
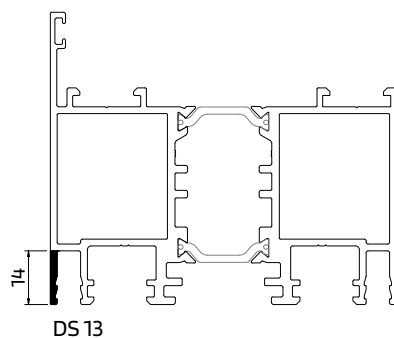
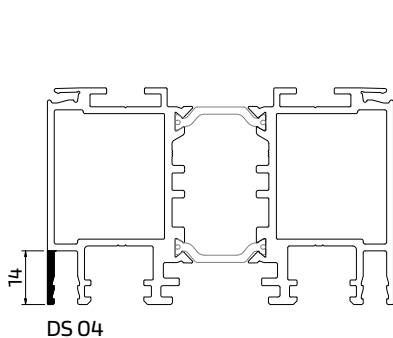
Fresagem em A

Milling in A | Fraisage en A



Fresagem em B

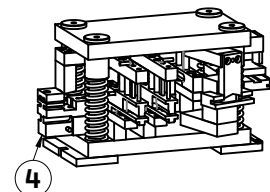
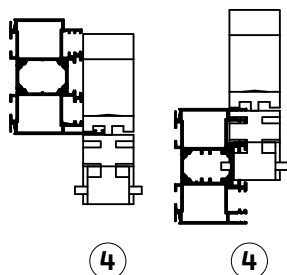
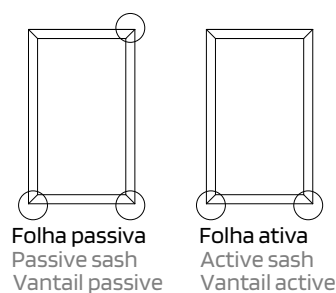
Milling in B | Fraisage en B



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

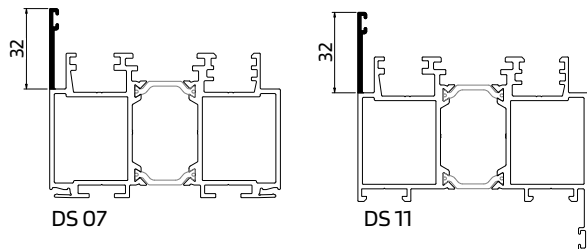
Mobile frames | Cadres ouvrants



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

Fresagem em C

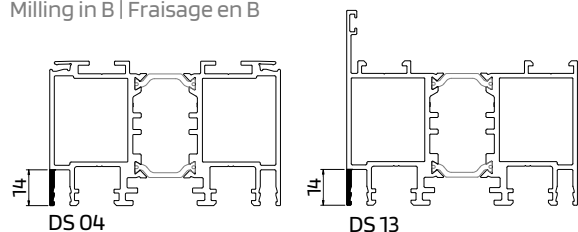
Milling in C | Fraissage en C



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

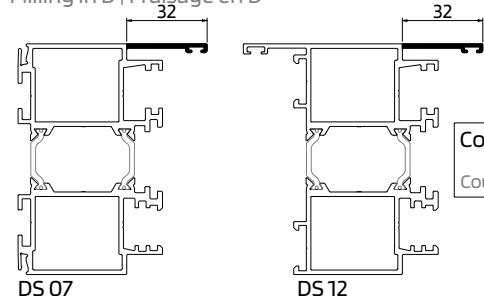
Fresagem em B

Milling in B | Fraissage en B



Fresagem em D

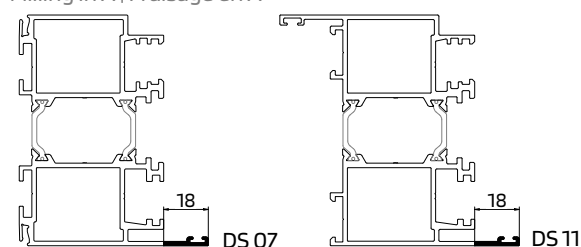
Milling in D | Fraissage en D



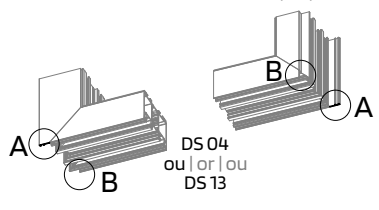
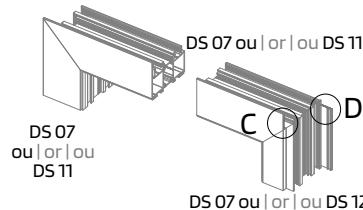
Cortes de 32mm c/ disco de corte
32mm cuts with cutting disc
Coupes de 32 mm avec disque de coupe

Fresagem em A

Milling in A | Fraissage en A

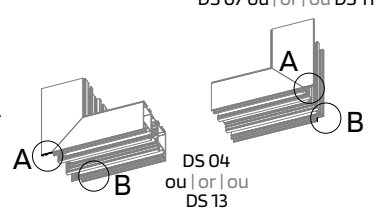
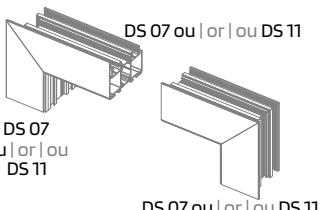


Zona SUPERIOR da folha móvel passiva
UPPER area of the passive movable sash
Zone SUPÉRIEUR de l'ouvrant passivé

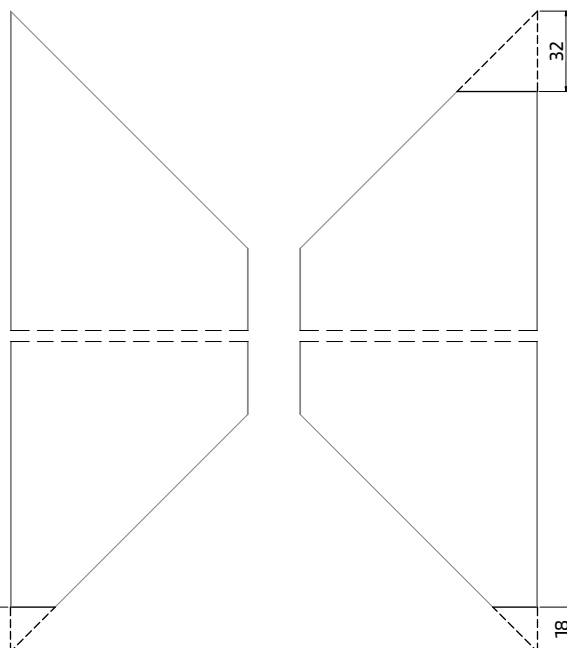
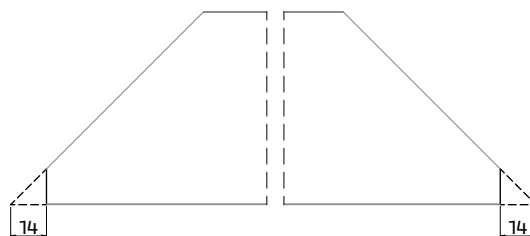
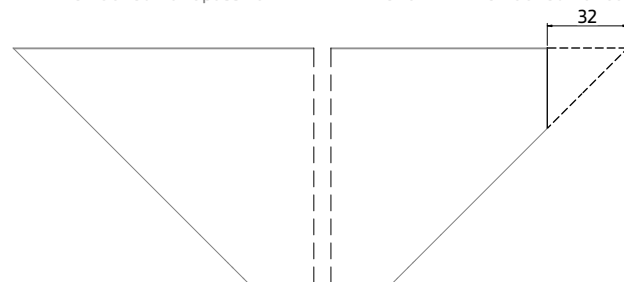


Zona INFERIOR da folha móvel passiva
LOWER area of the passive movable sash
Zone INFÉRIEUR de l'ouvrant passivé

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



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



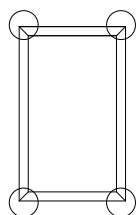
FRESAGEM NO PERFIL PARA TIPOLOGIAS PIVOTANTE 1 FOLHA

MOBILE FRAME PROFILE MILLING FOR 1 SASH PIVOTING TYPOLOGIES

FRAISAGE DE PROFILÉ OUVRANT POUR LES TYPOLOGIES PIVOTANTS À 1 VANTAIL

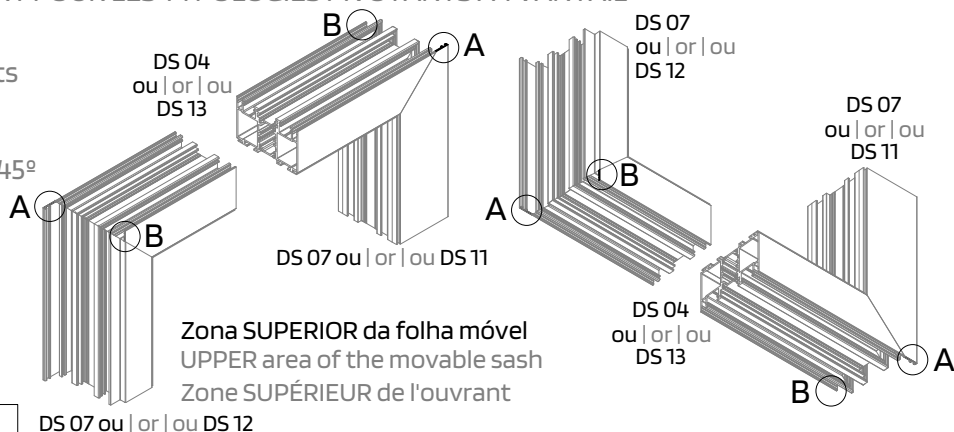
Aros móveis

Mobile frames | Cadres ouvrants



Corte a 45°

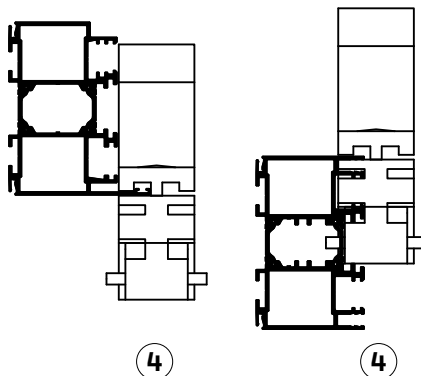
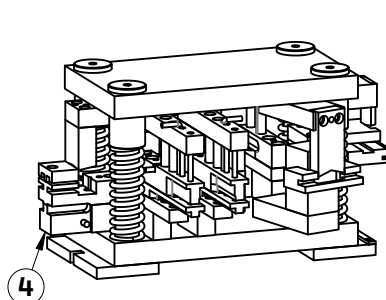
45° Cut | Coupe à 45°



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

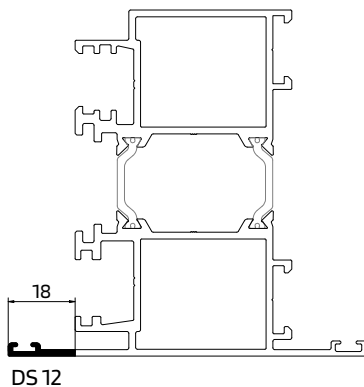
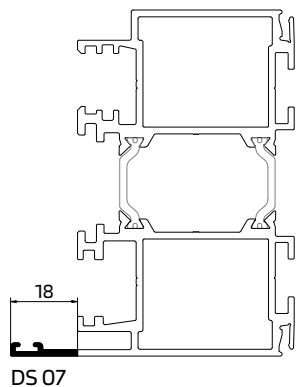
Zona INFERIOR da folha móvel
LOWER area of the movable sash
Zone INFÉRIEUR de l'ouvrant

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



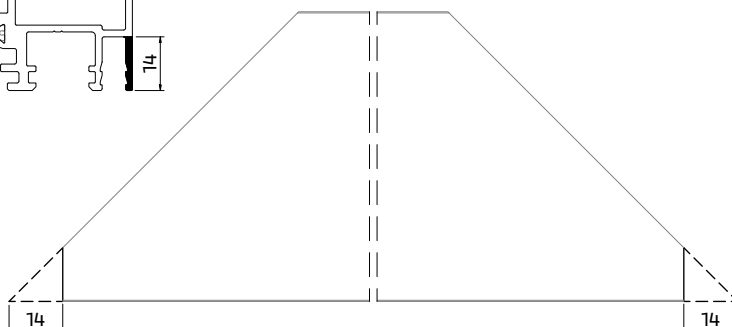
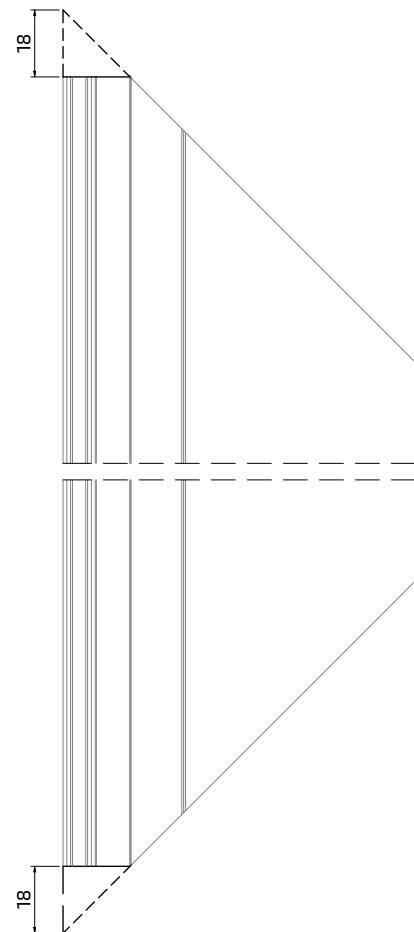
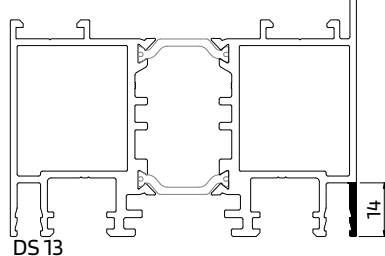
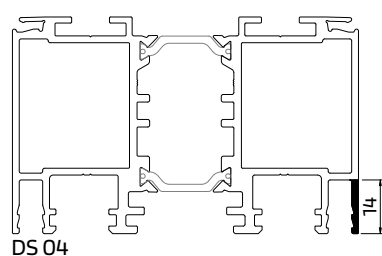
Fresagem em A

Milling in A | Fraisage en A



Fresagem em B

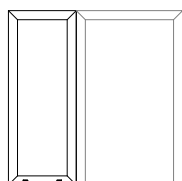
Milling in B | Fraisage en B



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

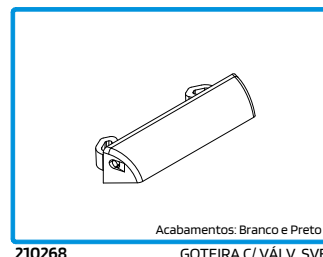
Aros fixos

Fixed frames | Cadres dormants



Corte a 45°
45° Cut | Coupe à 45°

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



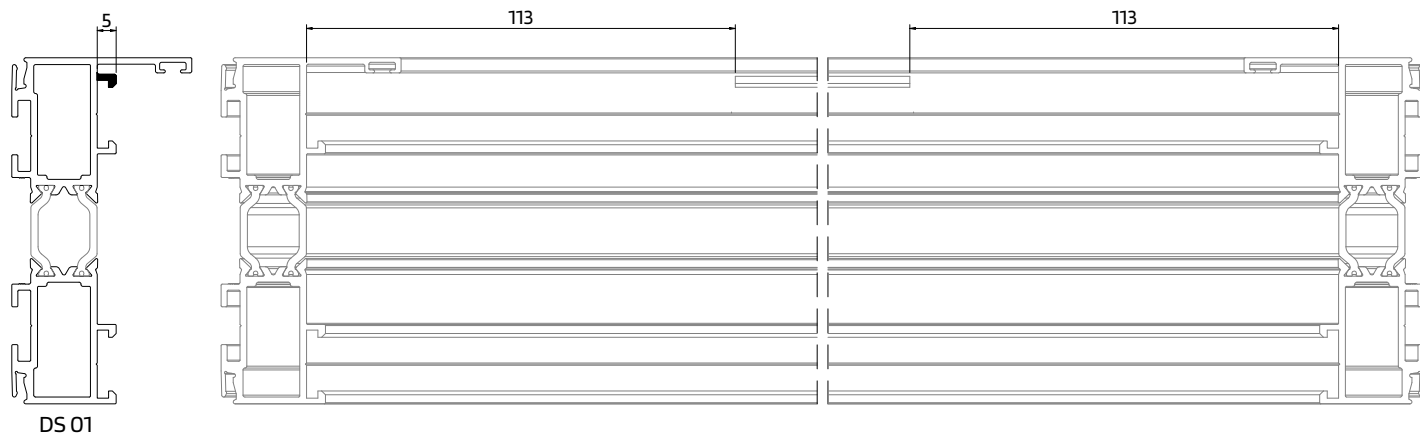
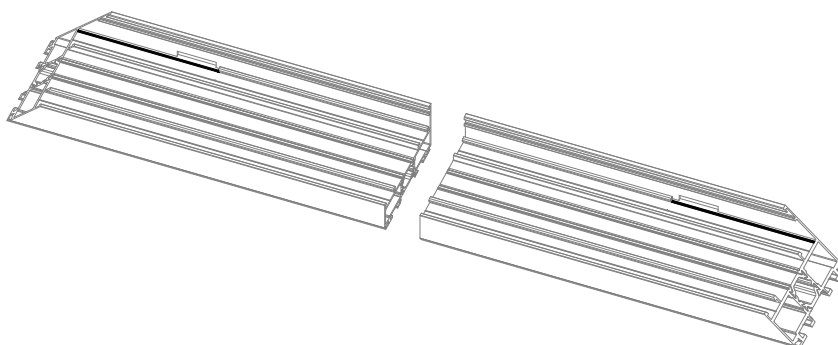
210268

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

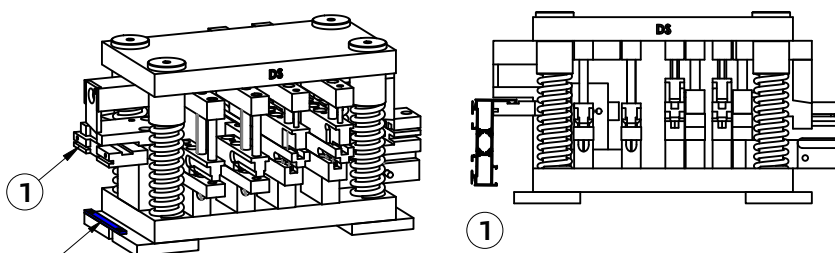
Before milling holes for the drips, the profile flap must be milled to at least 113mm

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

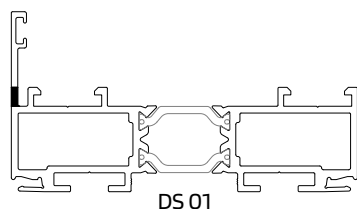
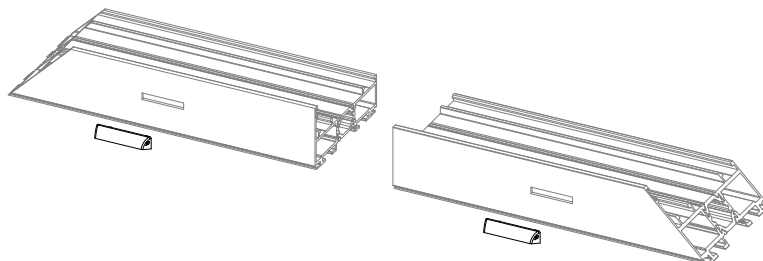


DS 01

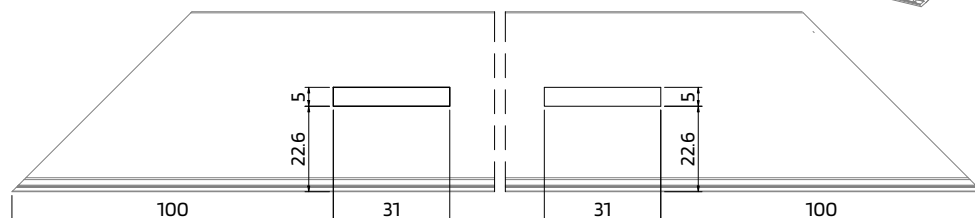
Maquinação realizada no Cortante
Machining performed on Punching tool
Usinage réalisée dans l'Outil



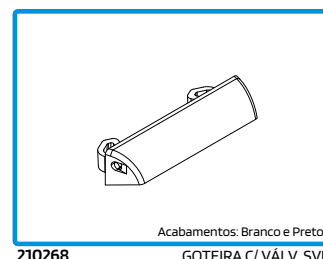
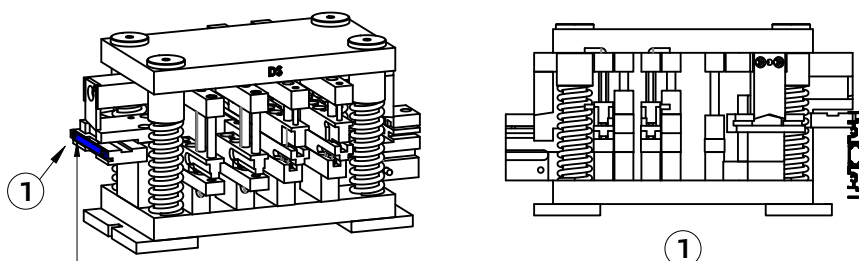
Nota: Para maquinar esta operação é necessário colocar a barra para enchimento em descanso.
Note: To machine this operation it is necessary to place the filling bar at rest.
Note: Pour usiner cette opération il est nécessaire de placer la barre pour remplissage au repos.



DS 01



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

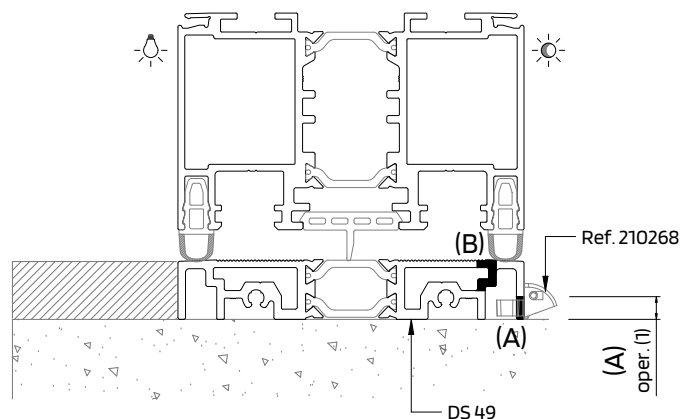


210268

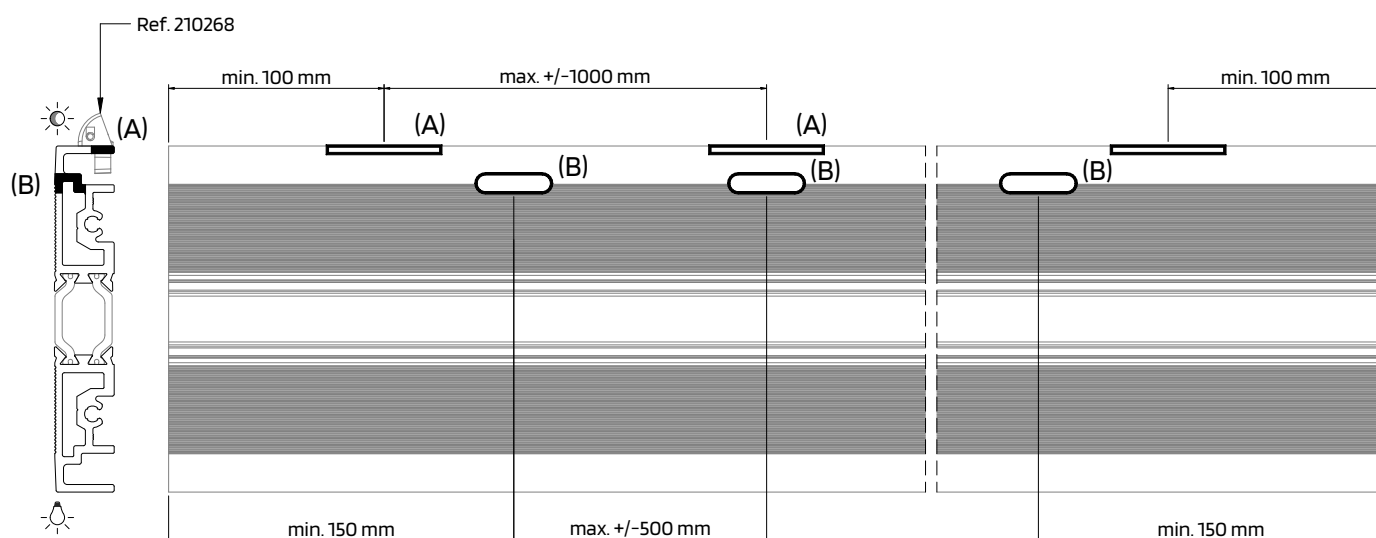
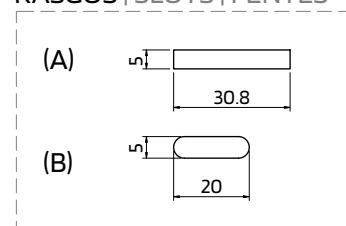
Acabamentos: Branco e Preto
GOTEIRA C/ VÁLV. SVE

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

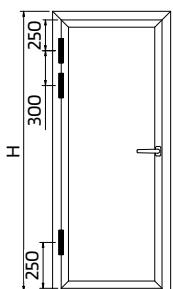
Nota: Para maquinar esta operação é necessário colocar a barra para enchimento na sua posição.
Note: To machine this operation it is necessary to place the filling bar in position.
Note: Pour usiner cette opération il est nécessaire de placer la barre pour remplissage en position.



RASGOS | SLOTS | FENTES



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

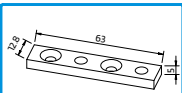


Consultar ábaco para verificar a quantidade de dobradiças a aplicar
Consult the abacus to check the number of hinges to use
Consulter l'abaque pour vérifier le nombre de charnières à utiliser



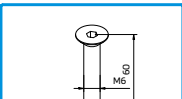
Peso máximo: 2 Dob = 100Kg | 3 Dob = 140Kg

202109 DOBRADIÇA OCULTA SOLID



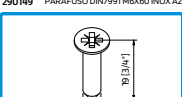
Para aplicar com o Kit Dobradinha Oculta

215504 PEÇA FIXAÇÃO DOB. OC. SOLID



Usado nos artigos:

Material: Inox | Acabamento: Inox



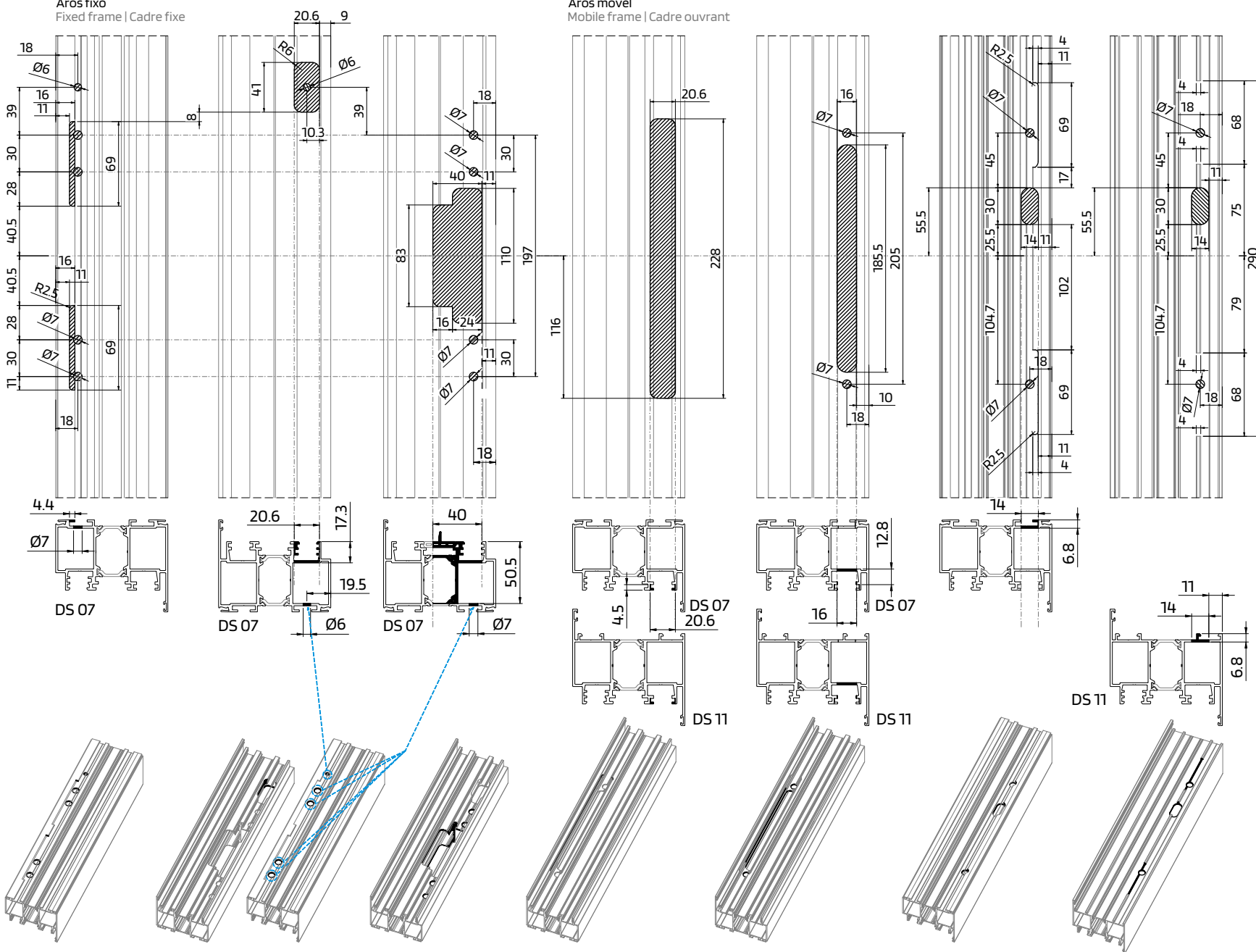
4,8 [10]		
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Para fixação da Peça Fix Dobradiça Oculta

290109 PARAFUSO DIN7982 4,8x19 A2

Aros fixo
Fixed frame | Cadre fixe

Aros móvel
Mobile frame | Cadre ouvrant

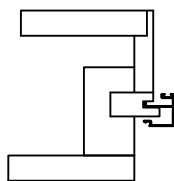
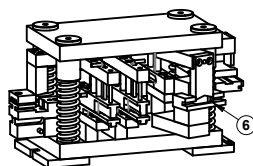


MAQUINAÇÃO DOS PERFIS PARA APLICAÇÃO DAS PEÇAS DE FIXAÇÃO DOBRADIÇA OCULTA SOLID

MACHINING OF PROFILES FOR APPLICATION OF HIDDEN HINGE FIXING PARTS

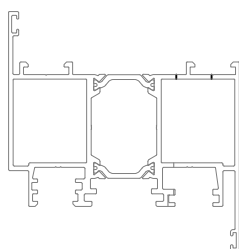
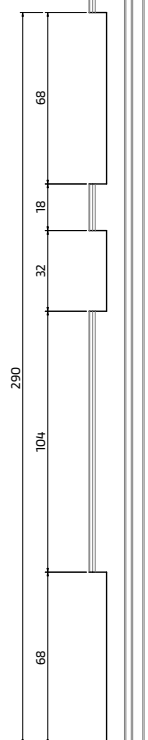
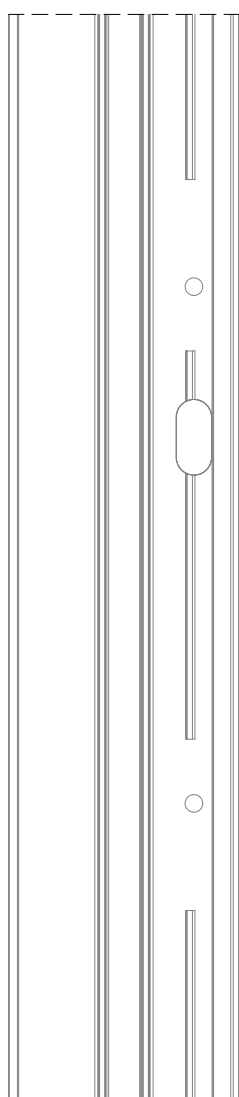
USINAGE DE PROFILÉS POUR L'APPLICATION DE PIÈCES DE FIXATION DE CHANIÈRES CACHÉES

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

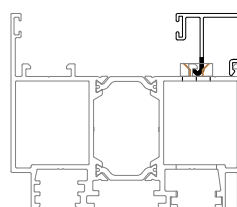


6

AT 92

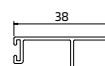


DS 11

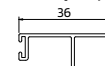


AT 92

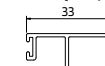
DS 11



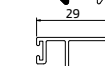
AT 90



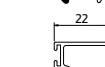
AT 98



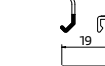
AT 91



AT 89



AT 97



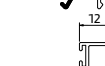
AT 93



AT 94



AT 95



AT 96

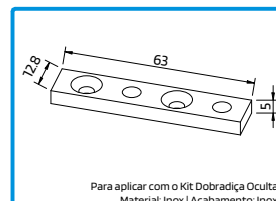


AT 99



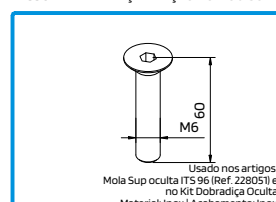
Peso máximo: 2 Dob. = 100Kg | 3 Dob. = 140Kg
Acabamento: Prata

202109 DOBRADIÇA OCULTA SOLID



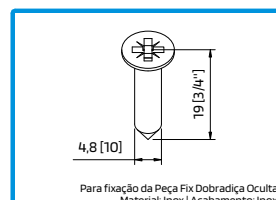
Para aplicar com o Kit Dobradiça Oculta
Material: Inox | Acabamento: Inox

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

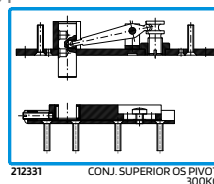
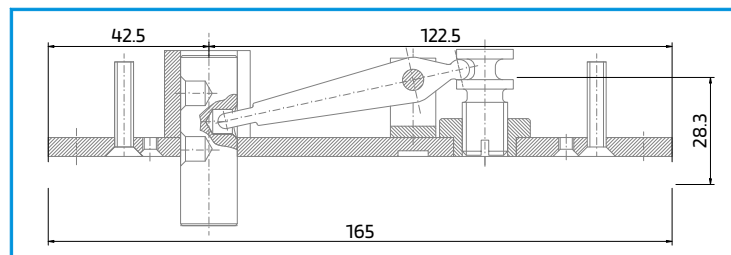
290109 PARAFUSO DIN7982 4,8x19 A2

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

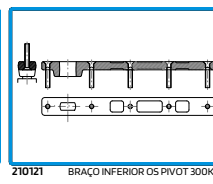
MACHINING AND FIXATIONS FOR 300KG PIVOTING HARDWARE - WITH TOP FLUSH HINGE

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

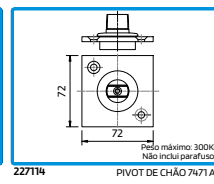
1. PIVOT SUPERIOR | TOP FLUSH HINGE | PIVOT SUPÉRIEUR



CONJ. SUPERIOR OS PIVOT 300KG

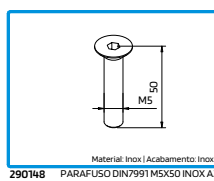
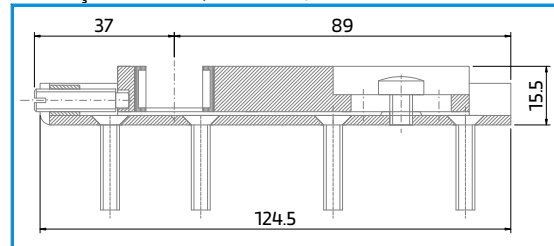


BRAÇO INFERIOR OS PIVOT 300KG

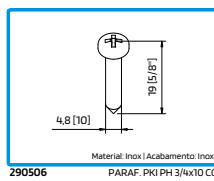


PIVOT DE CHÃO 7x71 AX

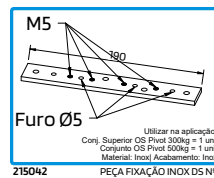
2. BRAÇO SUPERIOR | TOP STRAP | BRAS DU HAUT



PARAFUSO DIN991 M5X50 INOX A2



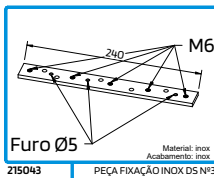
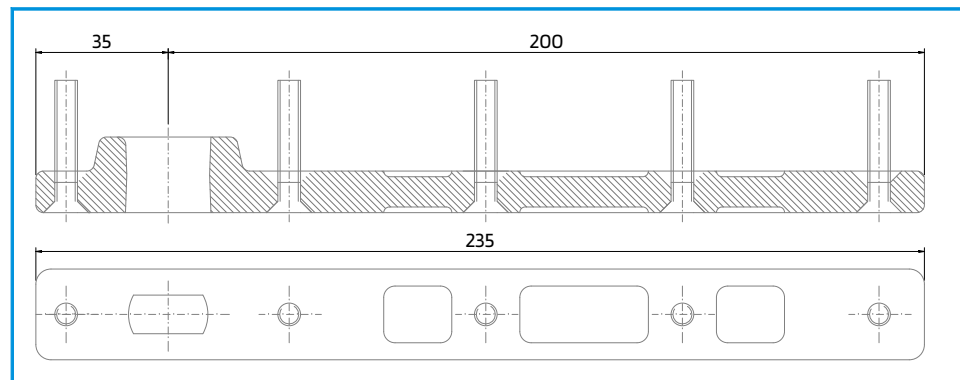
PARAF. PKI PH 3/4x10 CQ



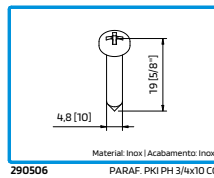
PEÇA FIXAÇÃO INOX DS Nº2

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

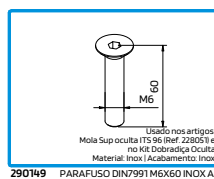
3. BRAÇO INFERIOR | BOTTOM STRAP | BRAS DU BAS



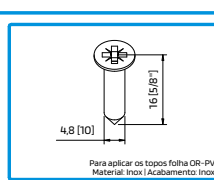
PEÇA FIXAÇÃO INOX DS Nº3



PARAF. PKI PH 3/4x10 CQ

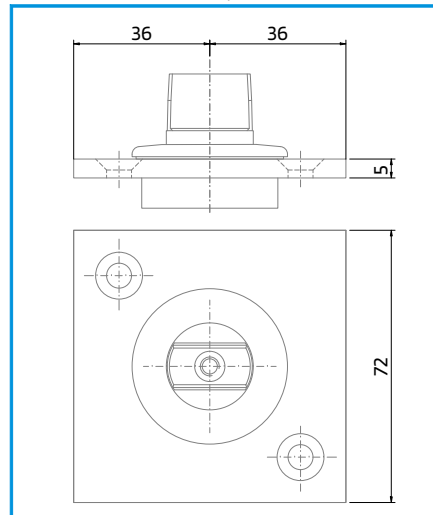


PARAFUSO DIN991 M6X60 INOX A2



PARAFUSO CX 5/8x10 INOX A2

4. RÓTULA INFERIOR FLOOR PIVOT BEARING | FAUX PIVOT



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

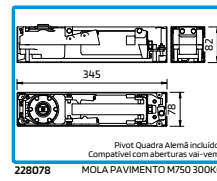
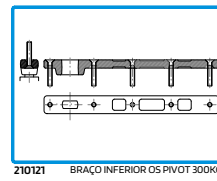
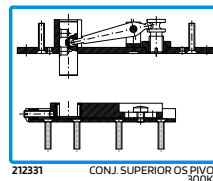
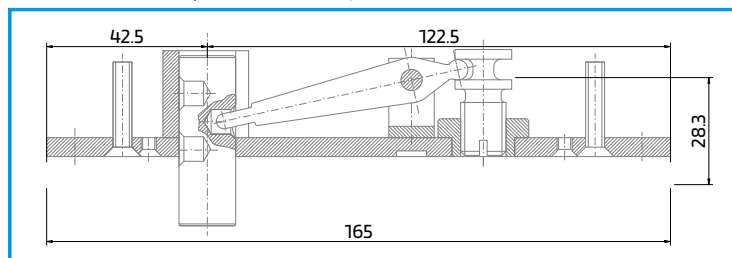
MACHINING AND FIXATIONS FOR 300KG PIVOTING

HARDWARE - WITH M750 FLOOR PIVOT BEARING

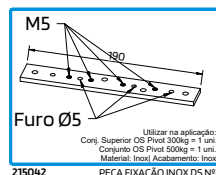
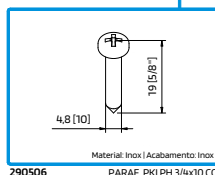
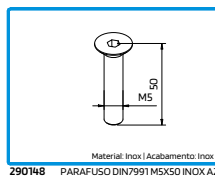
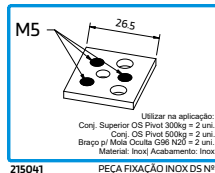
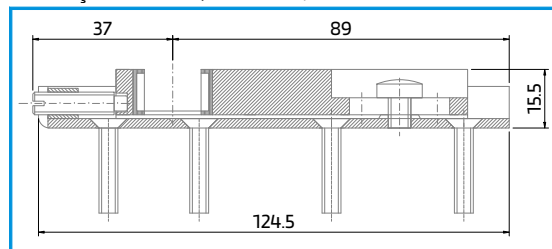
USINAGES ET FIXATIONS POUR FERRURES PIVOT 300KG -

AVEC FAUX PIVOT M750

1. PIVOT SUPERIOR | TOP FLUSH HINGE | PIVOT SUPÉRIEUR

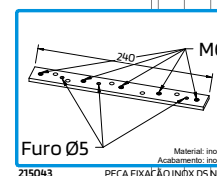
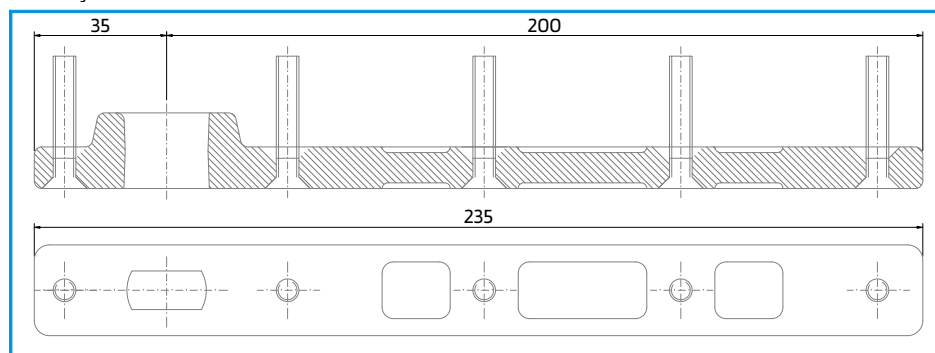


2. BRAÇO SUPERIOR | TOP STRAP | BRAS DU HAUT

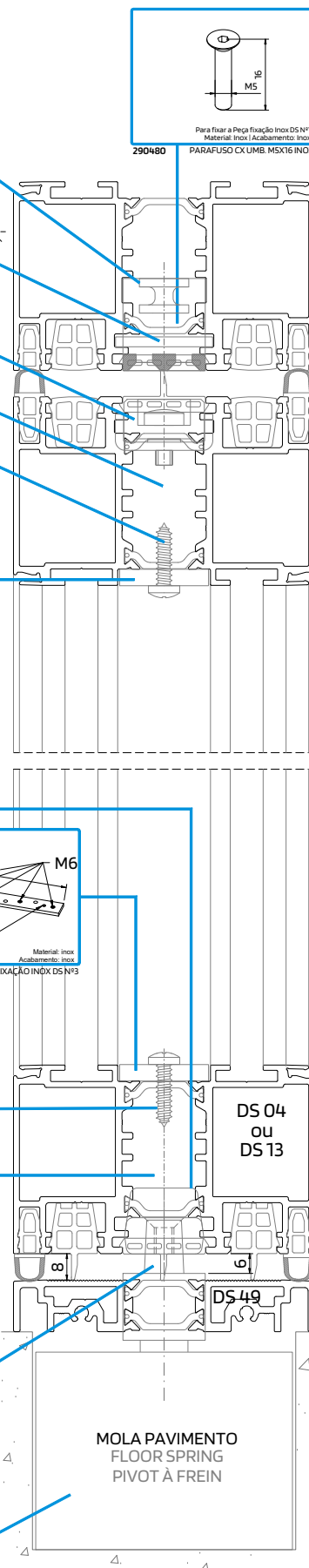
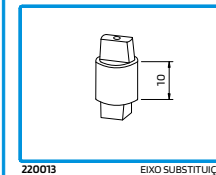
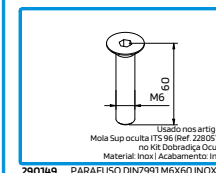
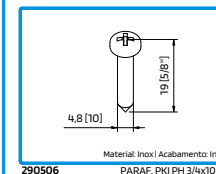
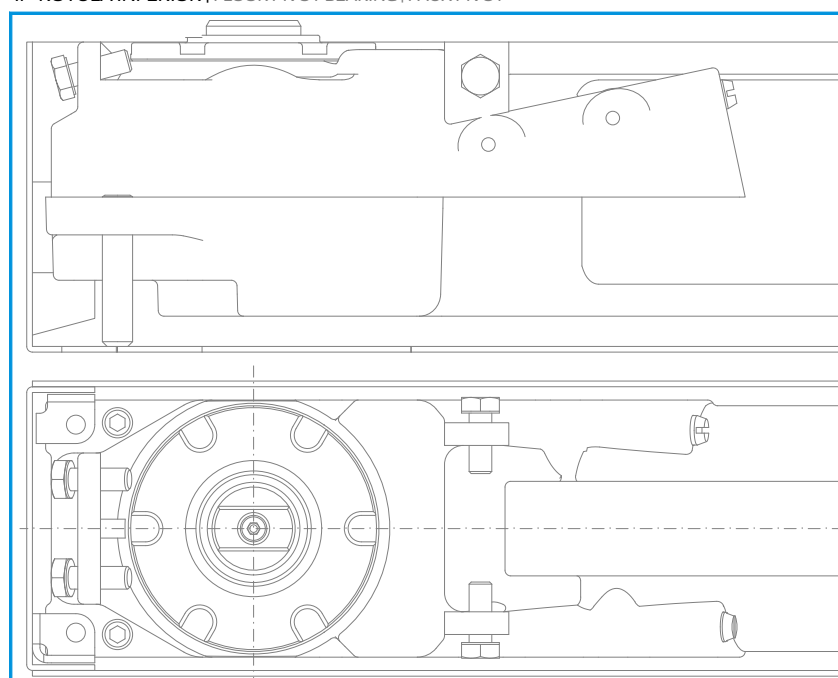


Nota: Este pormenor exemplificativo é válido para as tipologias com vidro.
Note: This illustrative detail is valid for glass types
Note: Ce détail illustratif est valable pour les types de verre

3. BRAÇO INFERIOR | BOTTOM STRAP | BRAS DU BAS



4. RÓTULA INFERIOR | FLOOR PIVOT BEARING | FAUX PIVOT



MAQUINAÇÕES E FIXAÇÕES PARA FERRAGENS PIVOT 300KG

MACHINING AND FIXATIONS FOR 300KG PIVOTING HARDWARE

USINAGES ET FIXATIONS POUR FERRURES PIVOT 300KG

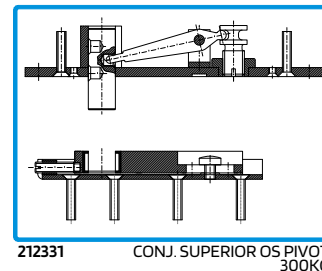
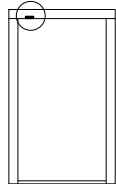
1. PIVOT SUPERIOR | TOP FLUSH HINGE | PIVOT SUPÉRIEUR

Aros fixos

Fixed frames | Cadres fixes

Corte a 90°

90° Cut | Coupe à 90°

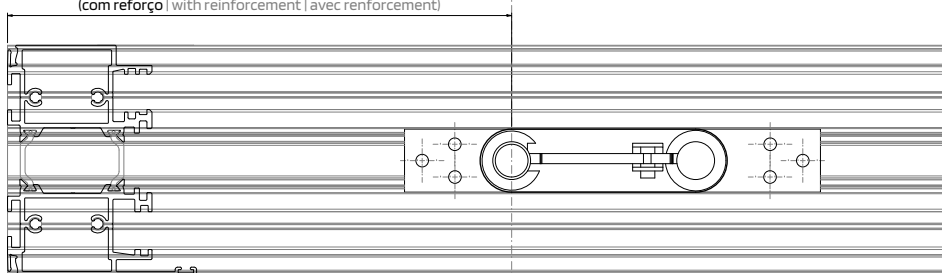
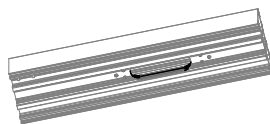
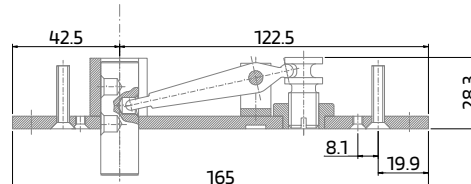


Ref. 212331
Ref. 215041
Ref. 290480

DS 04

Mín | Min | Min 200mm
(sem reforço | without reinforcement | sans renforcement)

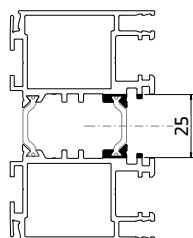
Mín | Min | Min 350mm
(com reforço | with reinforcement | avec renforcement)



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

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

Eixo do Pivot | Pivot axis | Axe du Pivot



DS 04

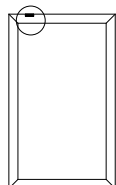
2. BRAÇO SUPERIOR | TOP STRAP | BRAS DU HAUT

Aros móveis

Mobile frames | Cadres ouvrants

Corte a 45°

45° Cut | Coupe à 45°



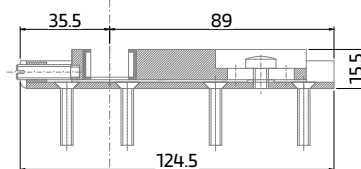
Ref. 212331

Ref. 215148

Ref. 215042

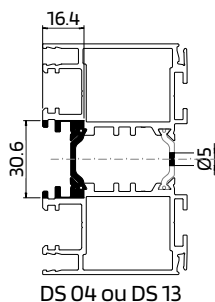
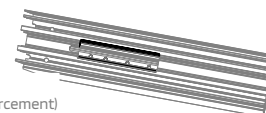
Ref. 290506

DS 04 ou DS 13

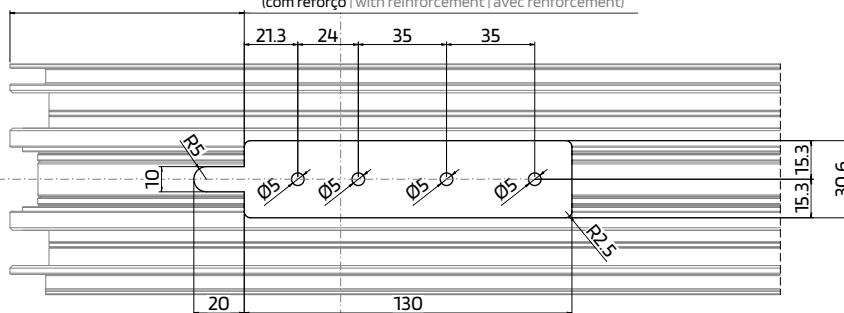


Mín | Min | Min 93mm
(sem reforço | without reinforcement | sans renforcement)

Mín | Min | Min 243mm
(com reforço | with reinforcement | avec renforcement)

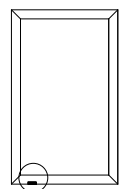


DS 04 ou DS 13

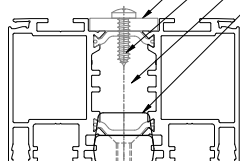


MACHINING AND FIXATIONS FOR 300KG PIVOTING HARDWARE
USINAGES ET FIXATIONS POUR FERRURES PIVOT 300KG

Mobile frames | Cadres ouvrants

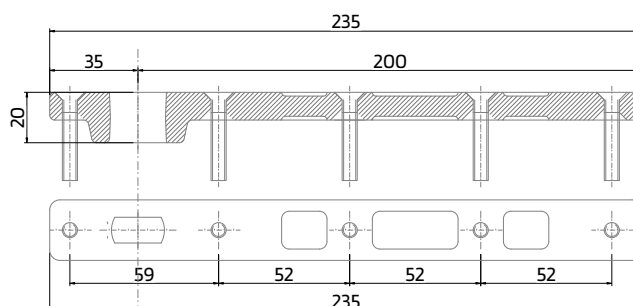


- Ref. 215043
- Ref. 290506
- Ref. 290149
- Ref. 210121



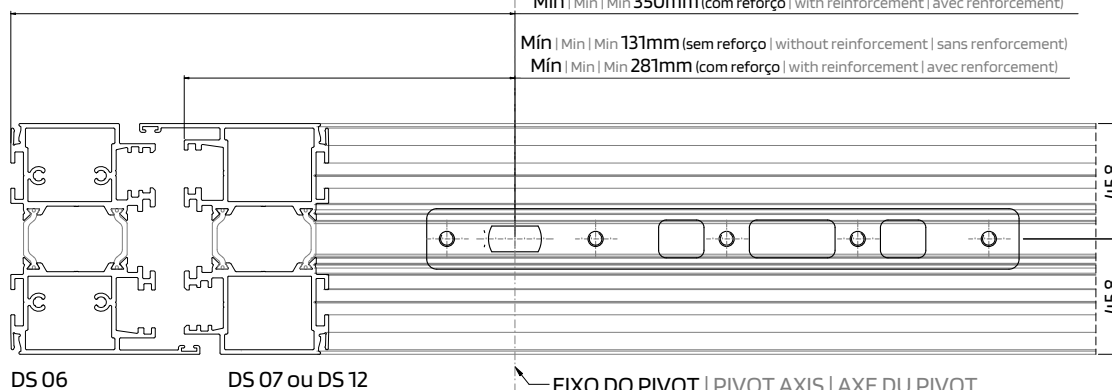
DS 04 ou DS 13

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)

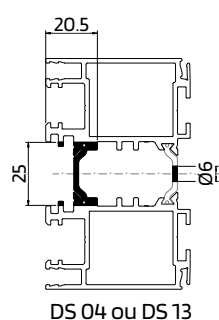


DS 06

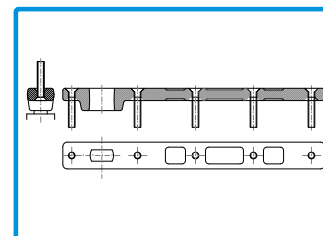
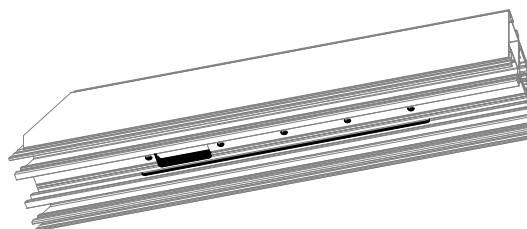
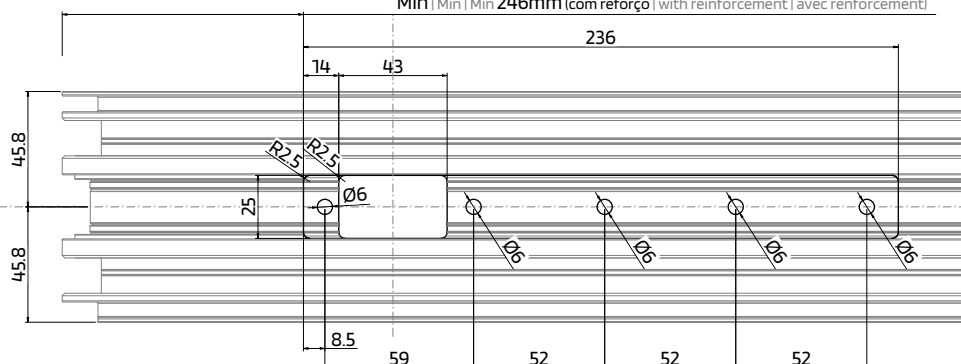
DS 07 ou DS 12

— EIXO DO PIVOT | PIVOT AXIS | AXE DU PIVOT

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



DS 04 ou DS 13



210121

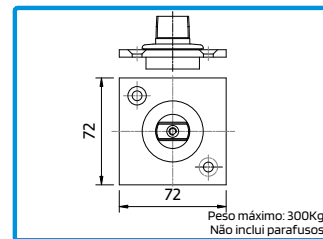
BRAÇO INFERIOR OS PIVOT 300KG

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

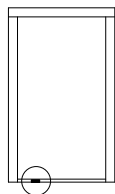
Aros fixos

Fixed frames | Cadres dormants



227114

PIVOT DE CHÃO 7471 AX



Corte a 90°

90° Cut | Coupe à 90°

Ref. 227114

Ref. 290168

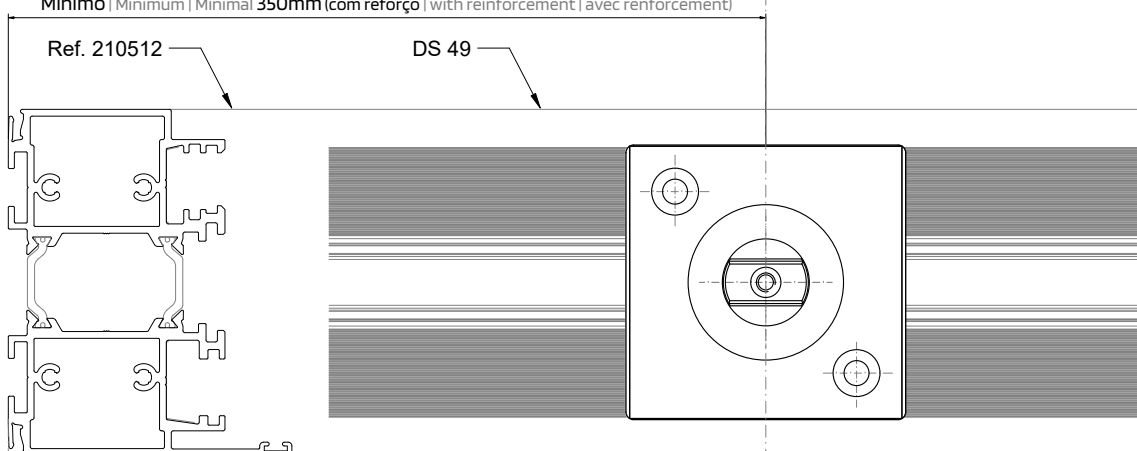
DS 49

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

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

Ref. 210512

DS 49

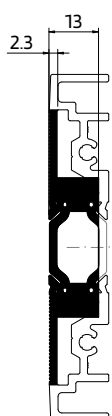


DS 06

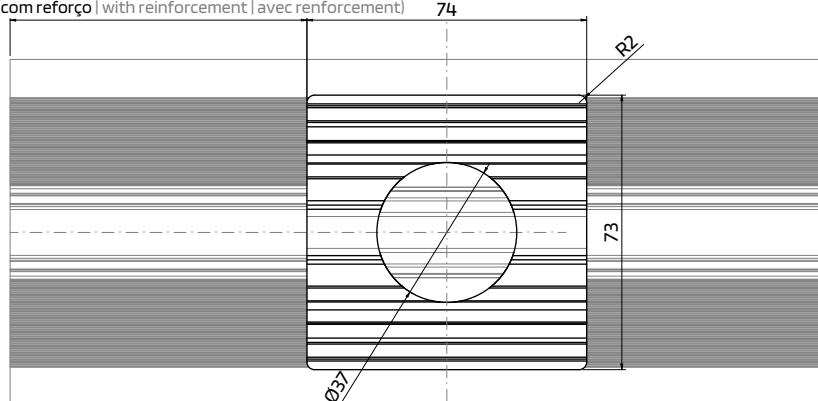
Eixo do Pivot | Pivot axis | Axe du Pivot

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

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

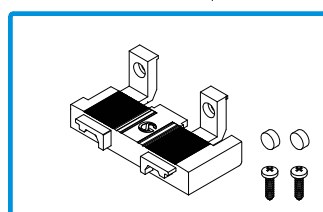


DS 49



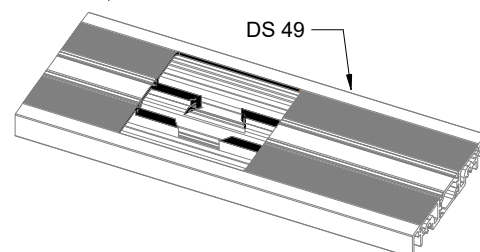
Mínimo | Minimum | Minimal 200mm (sem reforço | without reinforcement | sans renforcement)

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



210512

TOPO SOLEIRA DS DIR

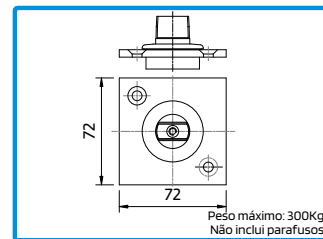


MAQUINAÇÕES E FIXAÇÕES PARA FERRAGENS PIVOT 300KG
MACHINING AND FIXATIONS FOR 300KG PIVOTING HARDWARE
USINAGES ET FIXATIONS POUR FERRURES PIVOT 300KG

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

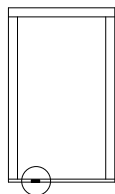
Aros fixos

Fixed frames | Cadres dormants



227114

PIVOT DE CHÃO 7471 AX



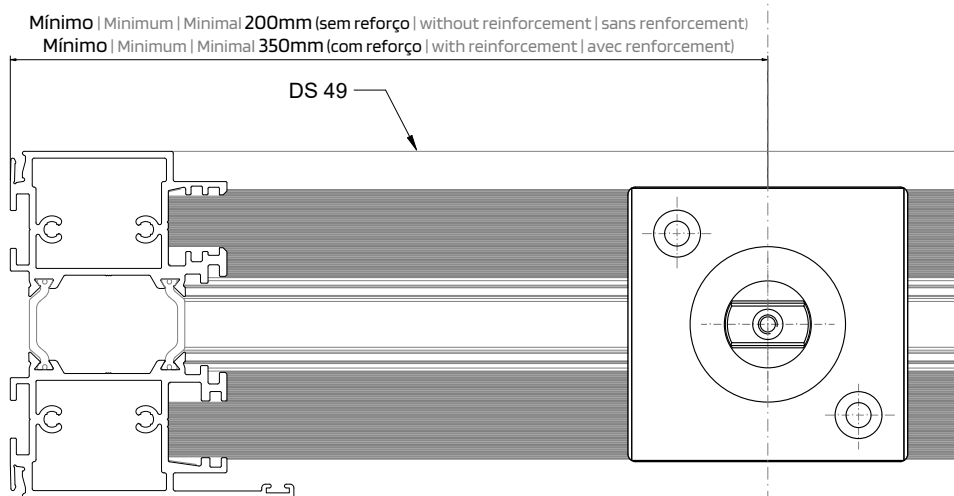
Corte a 90°

90° Cut | Coupe à 90°

Ref. 227114

Ref. 290168

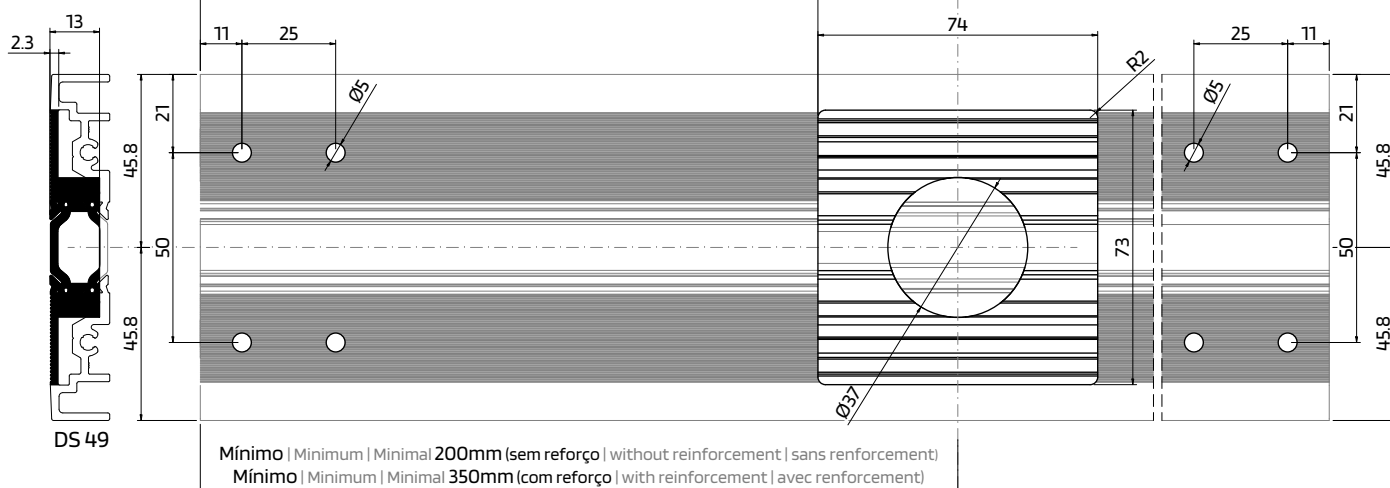
DS 49



DS 06

Eixo do Pivot | Pivot axis | Axe du Pivot

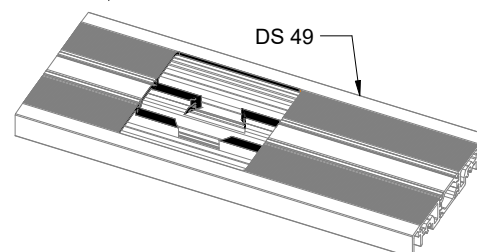
Mínimo | Minimum | Minimal 163mm (sem reforço) / without reinforcement / sans renforcement
Mínimo | Minimum | Minimal 313mm (com reforço) / with reinforcement / avec renforcement



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.

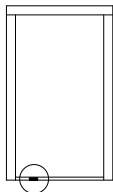


MAQUINAÇÕES E FIXAÇÕES PARA FERRAGENS PIVOT 300KG
MACHINING AND FIXATIONS FOR 300KG PIVOTING HARDWARE
USINAGES ET FIXATIONS POUR FERRURES PIVOT 300KG

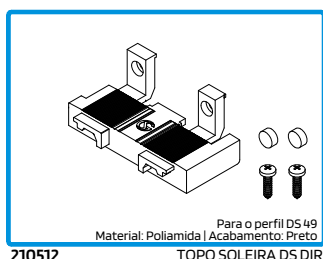
4. b) MOLA DE PAVIMENTO M750 - 300Kg | FLOOR SPRING | PIVOT À FREIN

Aros fixos

Fixed frames | Cadres dormants

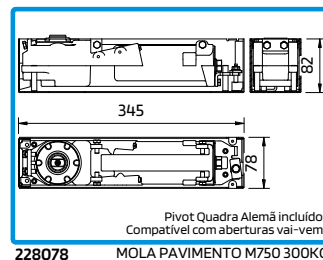


Corte a 90°
90° Cut | Coupe à 90°



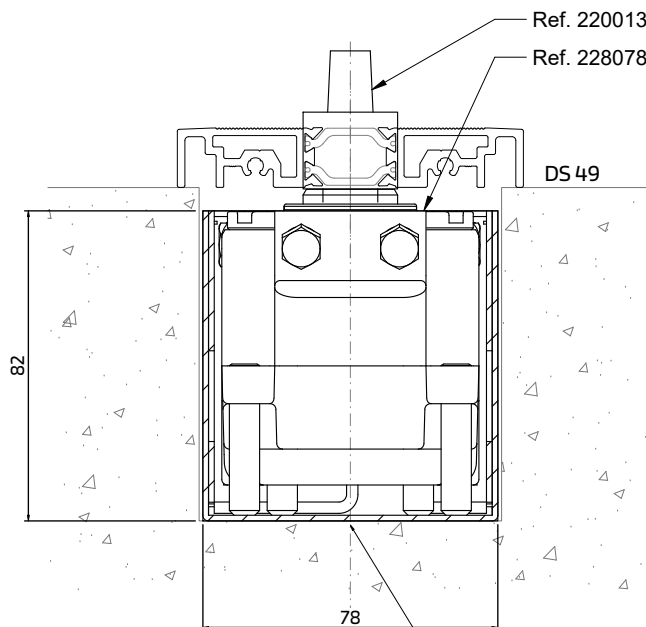
210512

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



228078

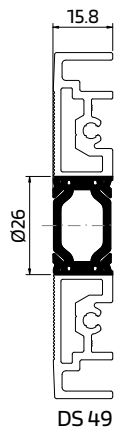
MOLA PAVIMENTO M750 300KG



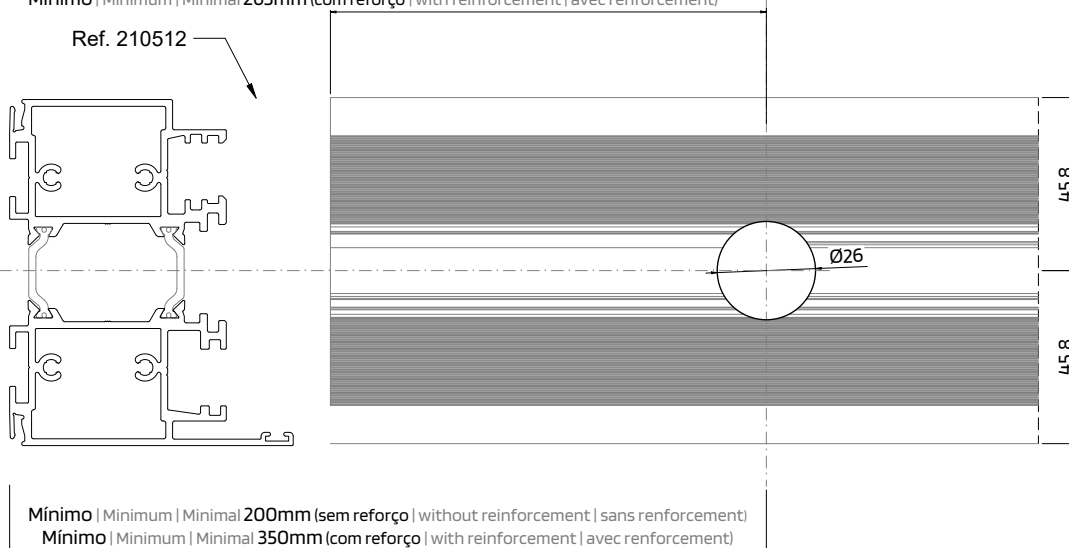
Eixo do Pivot
| Pivot axis
| Axe du Pivot

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

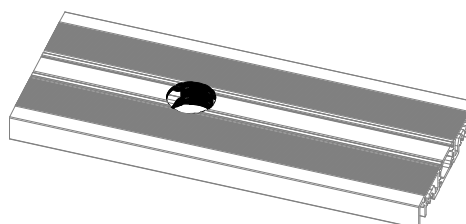
Ref. 210512



DS 49



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



MAQUINAÇÕES E FIXAÇÕES PARA FERRAGENS PIVOT 300KG

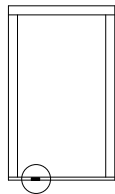
MACHINING AND FIXATIONS FOR 300KG PIVOTING HARDWARE

USINAGES ET FIXATIONS POUR FERRURES PIVOT 300KG

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

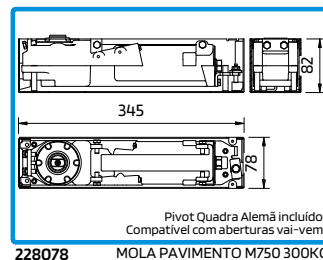
Aros fixos

Fixed frames | Cadres dormants



Corte a 90°

90° Cut | Coupe à 90°



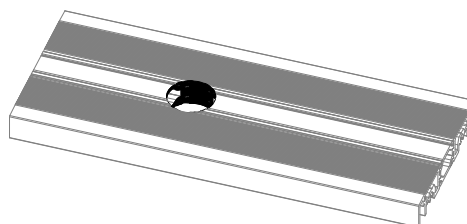
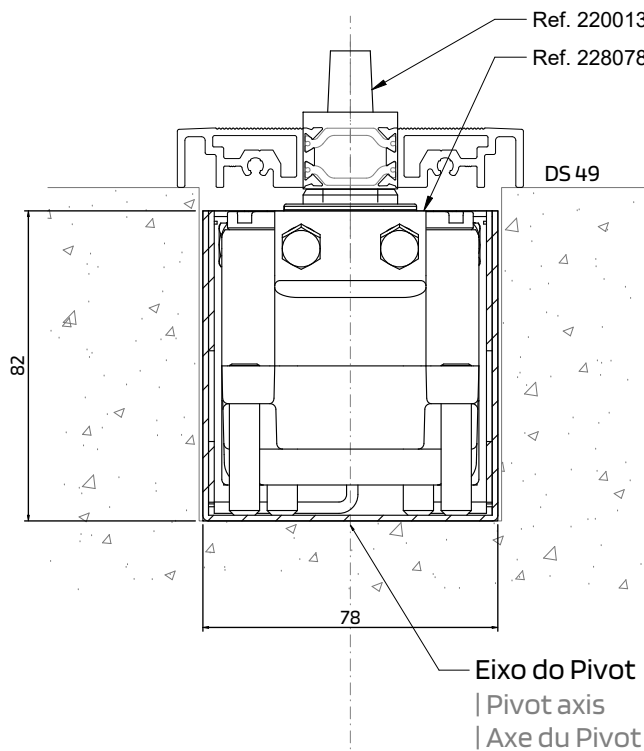
228078

MOLA PAVIMENTO M750 300KG

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.

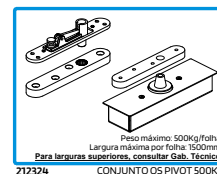
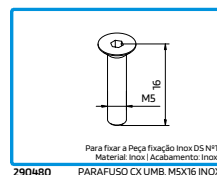
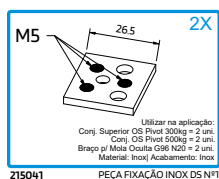
Note: Cette opération s'applique uniquement si vous souhaitez fixer le seuil directement sur les montants.



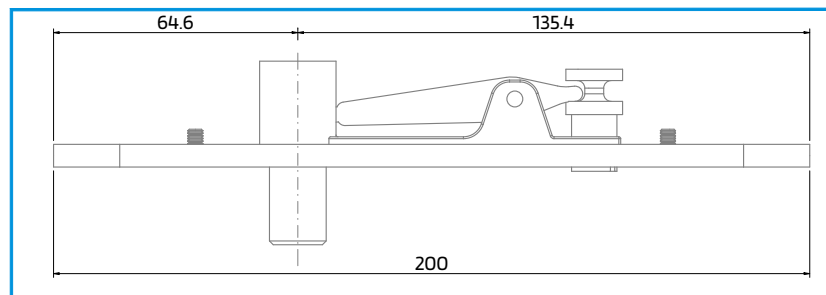
MAQUINAÇÕES E FIXAÇÕES PARA FERRAGENS PIVOT 500KG

MACHINING AND FIXATIONS FOR 500KG PIVOTING HARDWARE

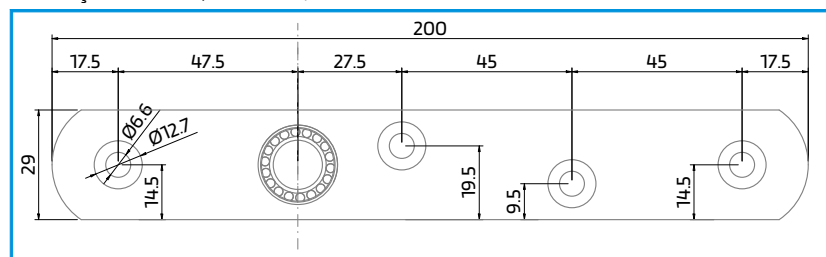
USINAGES ET FIXATIONS POUR FERRURES PIVOT 500KG



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



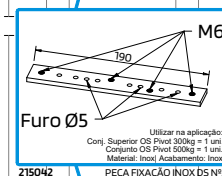
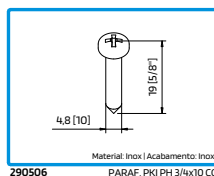
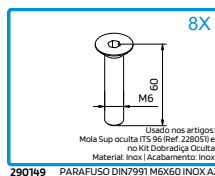
2. BRAÇO SUPERIOR | TOP STRAP | BRAS DU HAUT *



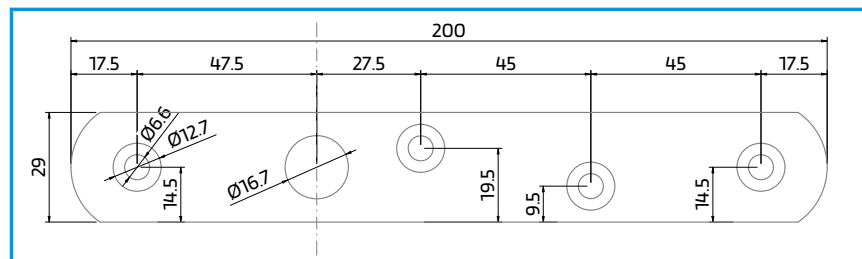
Nota: Este pormenor exemplificativo é válido para as tipologias com vidro.

Note: This illustrative detail is valid for glass types

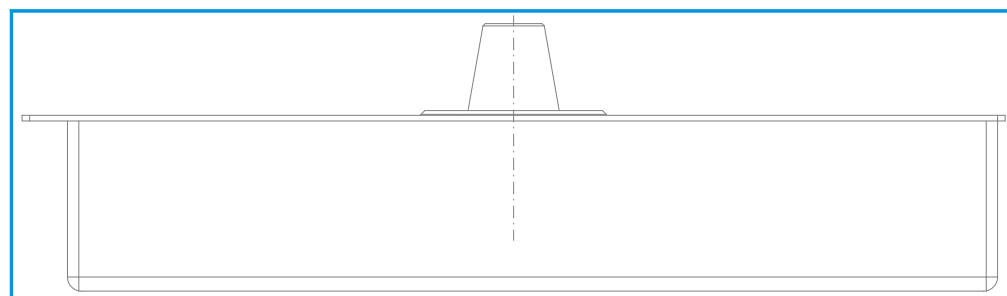
Note: Ce détail illustratif est valable pour les types de verre



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

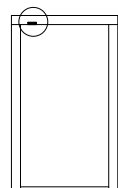
MACHINING AND FIXATIONS FOR 500KG PIVOTING HARDWARE

USINAGES ET FIXATIONS POUR FERRURES PIVOT 500KG

1. PIVOT SUPERIOR | TOP FLUSH HINGE | PIVOT SUPÉRIEUR

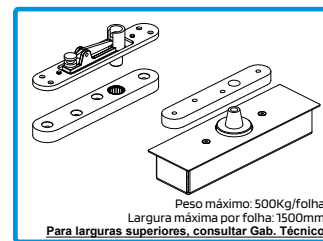
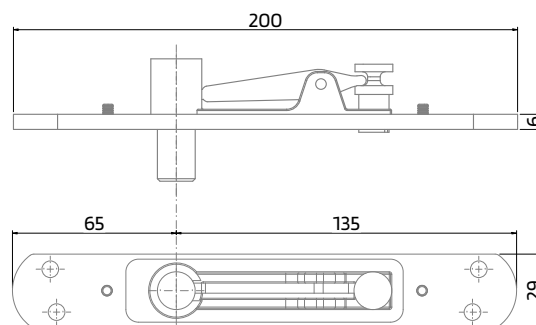
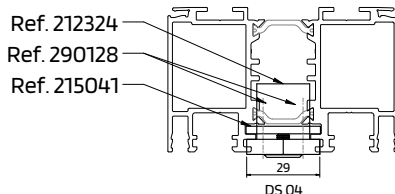
Aros fixos

Fixed frames | Cadres fixes



Corte a 90°

90° Cut | Coupe à 90°

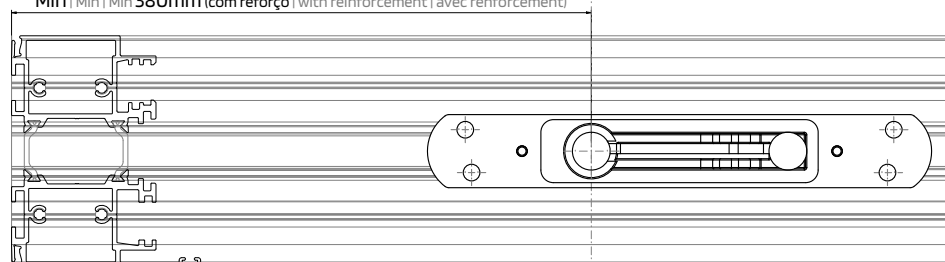


212324

CONJUNTO OS PIVOT 500KG

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

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

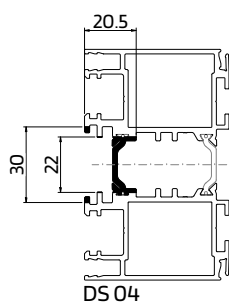


DS 06

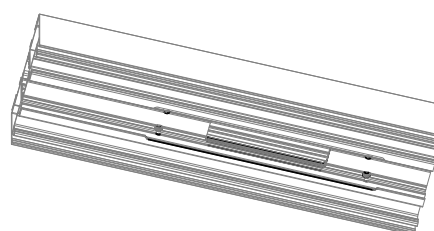
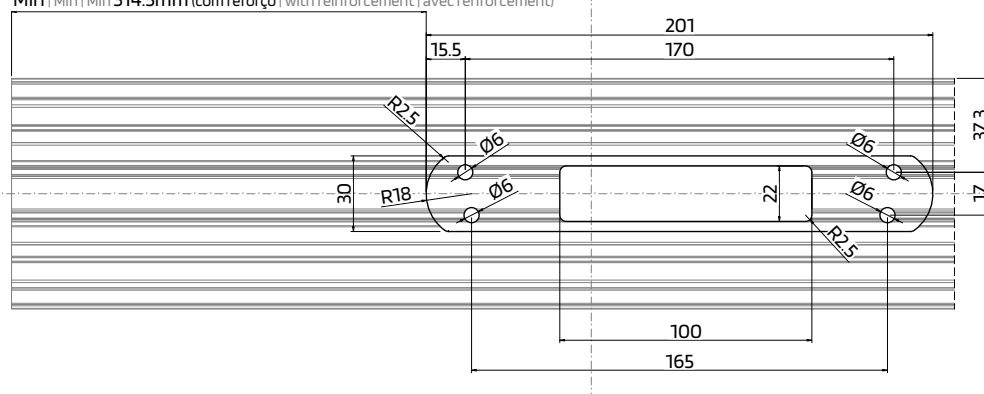
Eixo do Pivot | Pivot axis | Axe du Pivot

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

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



DS 04

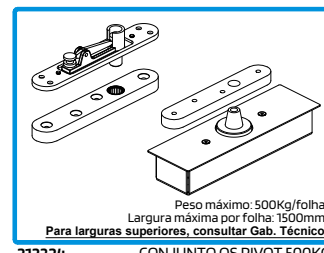


FERRAGENS PIVOT 500KG - MAQUINAÇÕES E FIXAÇÕES
500KG PIVOTING HARDWARE - MACHINING AND FIXATIONS
FERRURES PIVOT 500KG - USINAGES ET FIXATIONS

4. RÓTULA INFERIOR | FLOOR PIVOT BEARING | FAUX PIVOT

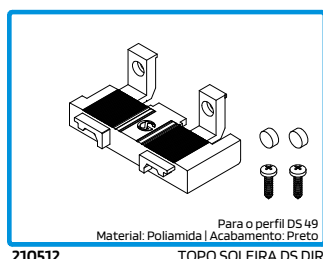
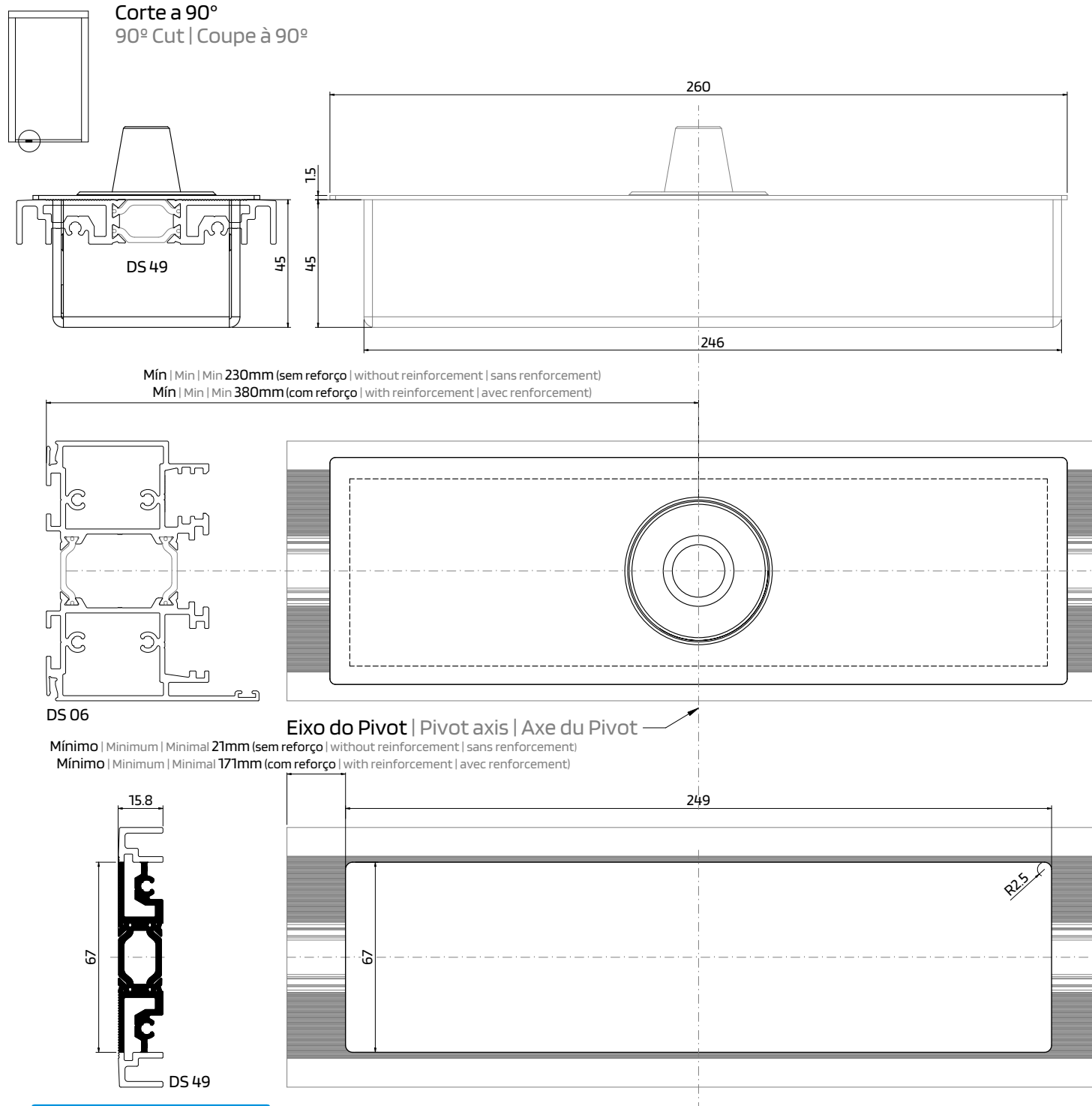
Aros fixos

Fixed frames | Cadres dormants



212324

CONJUNTO OS PIVOT 500KG



210512

TOPO SOLEIRA DS DIR



FERRAGENS PIVOT 500KG - MAQUINAÇÕES E FIXAÇÕES

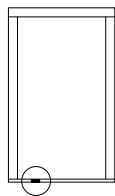
500KG PIVOTING HARDWARE - MACHINING AND FIXATIONS

FERRURES PIVOT 500KG - USINAGES ET FIXATIONS

4. RÓTULA INFERIOR | FLOOR PIVOT BEARING | FAUX PIVOT

Aros fixos

Fixed frames | Cadres dormants



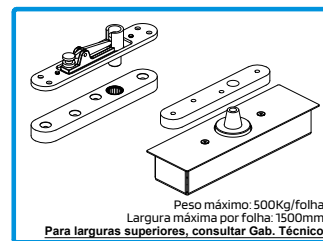
Corte a 90°

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.

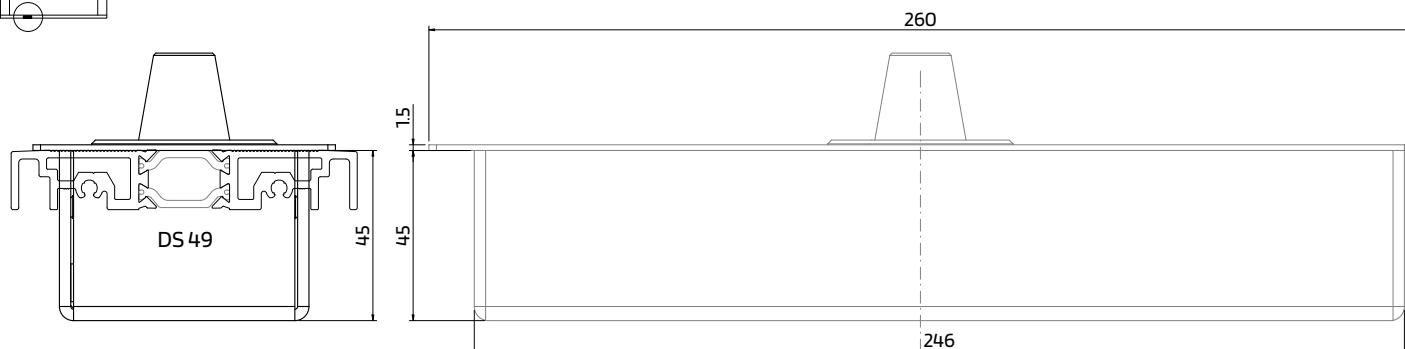
Note: Cette opération s'applique uniquement si vous souhaitez fixer le seuil directement sur les montants.



212324

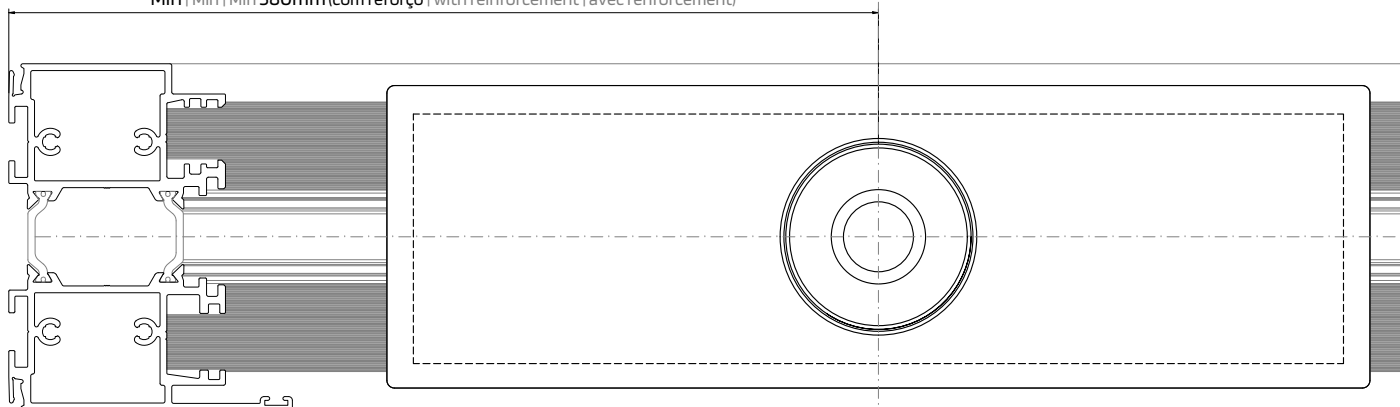
Peso máximo: 500Kg/folha
Largura máxima por folha: 1500mm
Para larguras superiores, consultar Gab. Técnico

CONJUNTO OS PIVOT 500KG



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

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

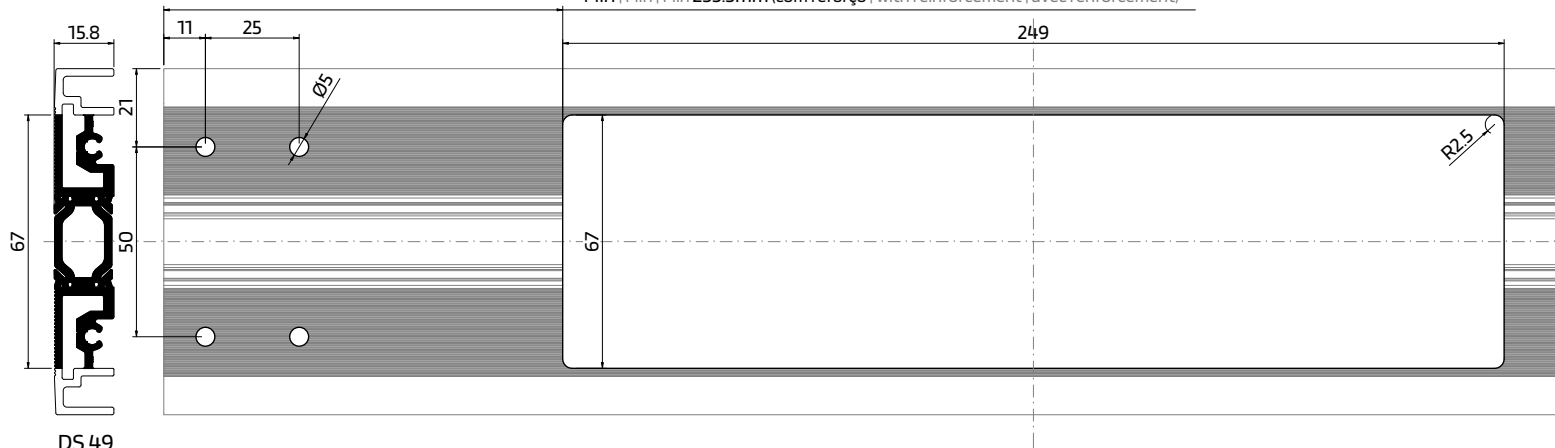


DS 06

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

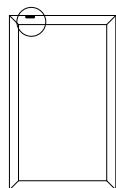
MACHINING AND FIXATIONS FOR 500KG PIVOTING HARDWARE

USINAGES ET FIXATIONS POUR FERRURES PIVOT 500KG

2. BRAÇO SUPERIOR | TOP STRAP | BRAS DU HAUT

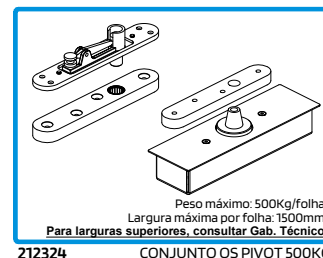
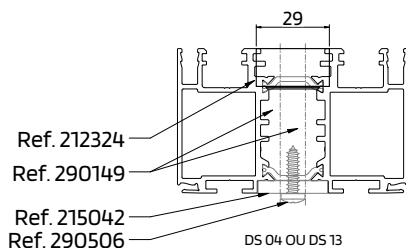
Aros móveis

Mobile frames | Cadres ouvrants



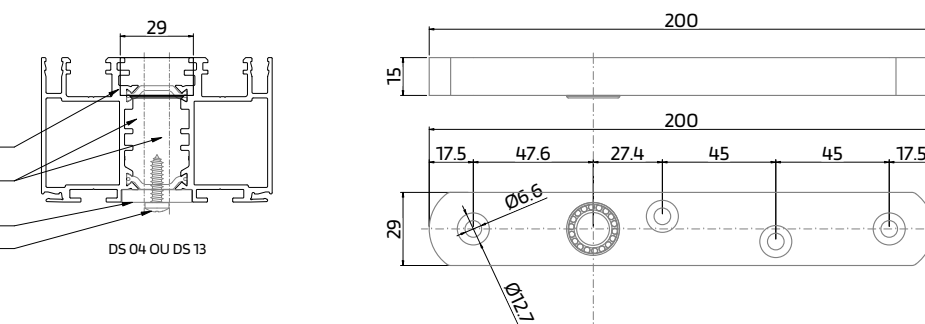
Corte a 45°

45° Cut | Coupe à 45°



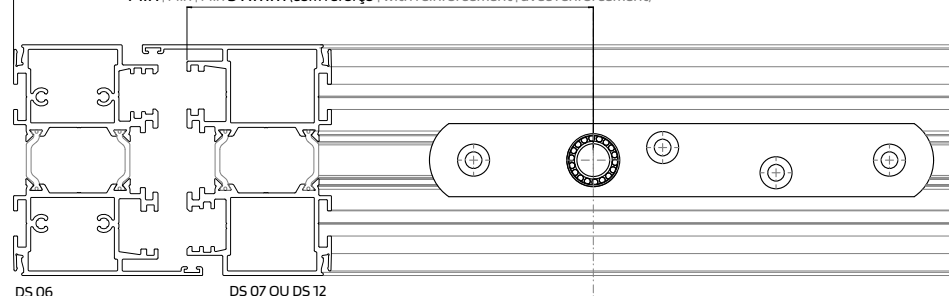
212324

CONJUNTO OS PIVOT 500KG



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

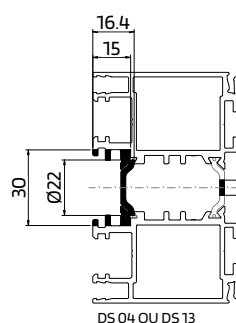
Mín | Min | Min 161mm (sem reforço | without reinforcement | sans renforcement)
Mín | Min | Min 311mm (com reforço | with reinforcement | avec renforcement)



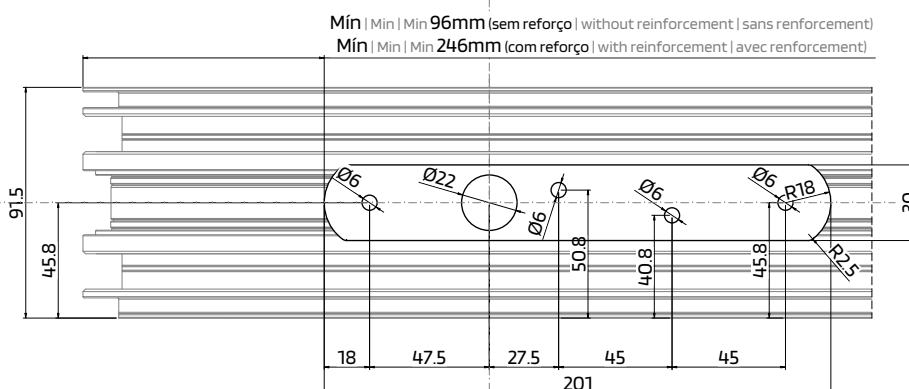
DS 06

DS 07 OU DS 12

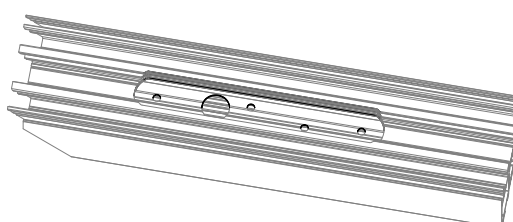
Eixo do Pivot | Pivot axis | Axe du Pivot



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

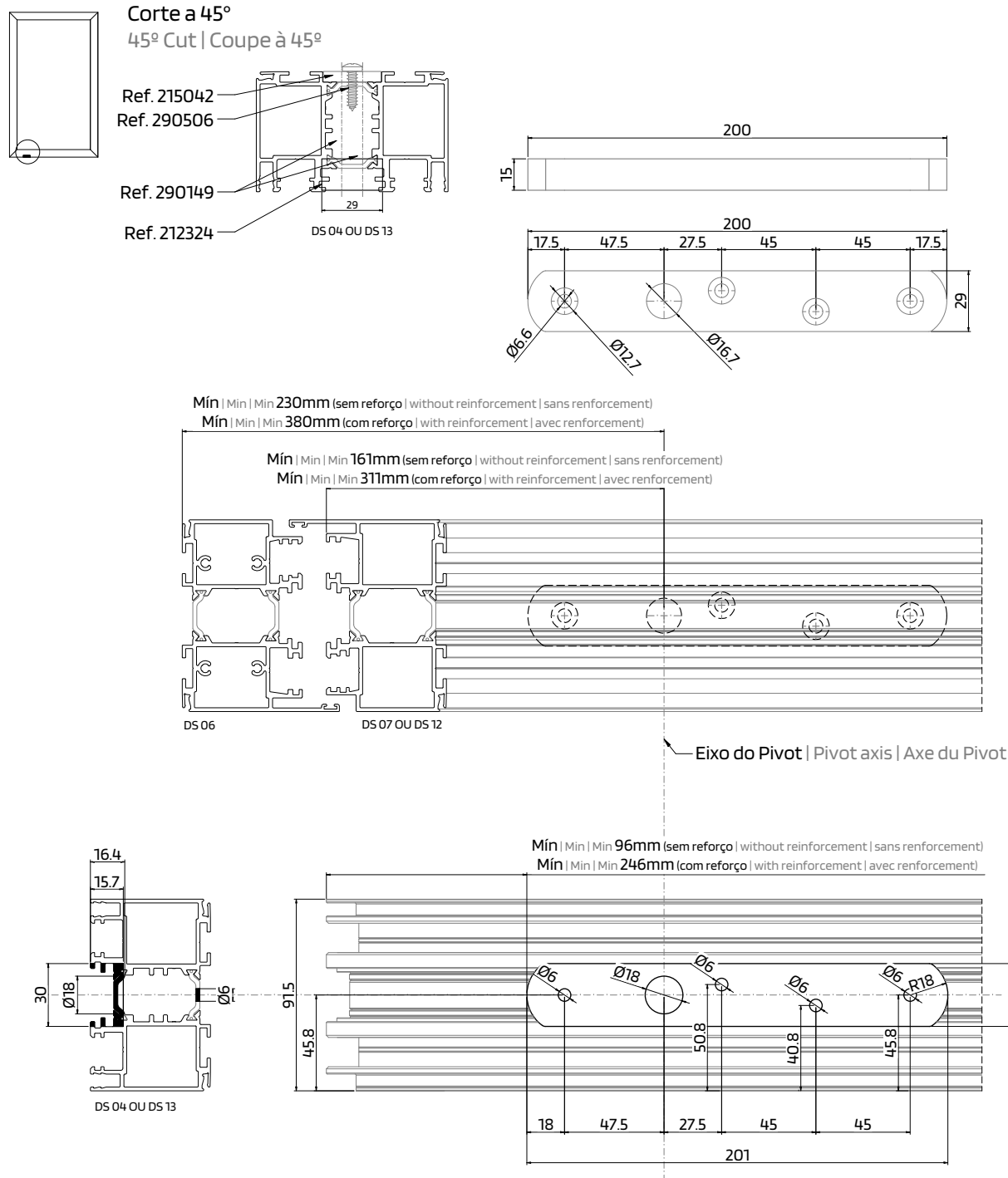
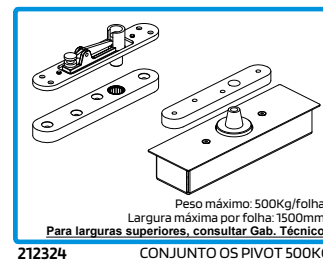
MACHINING AND FIXATIONS FOR 500KG PIVOTING HARDWARE

USINAGES ET FIXATIONS POUR FERRURES PIVOT 500KG

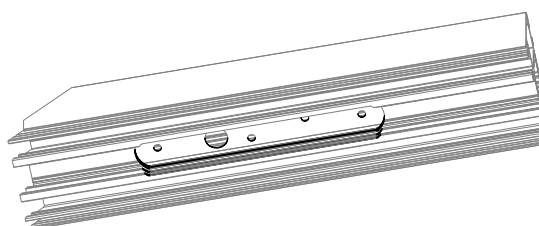
3. BRAÇO INFERIOR | BOTTOM STRAP | BRAS DU BAS

Aros móveis

Mobile frames | Cadres ouvrants



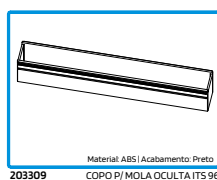
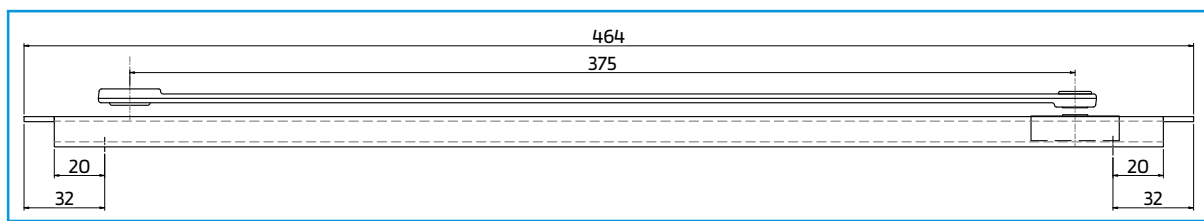
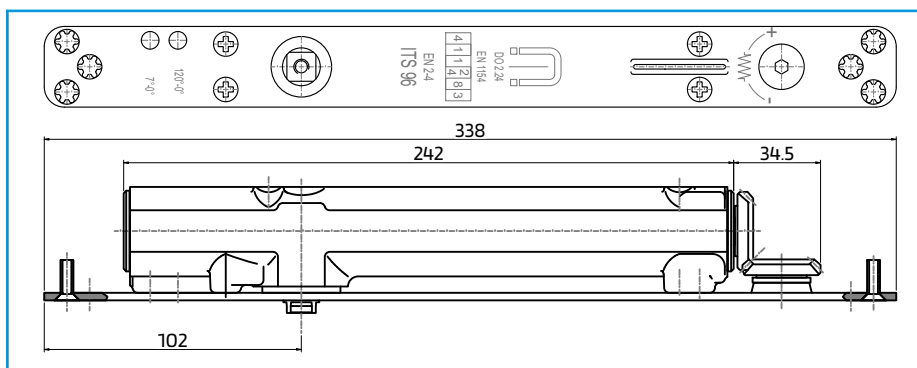
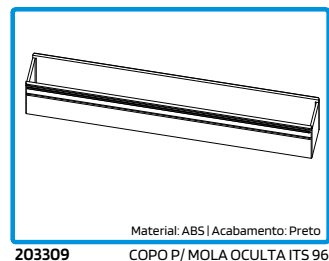
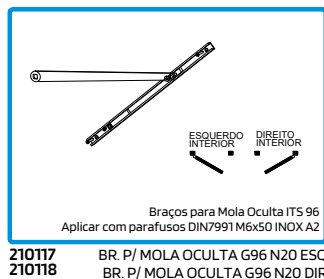
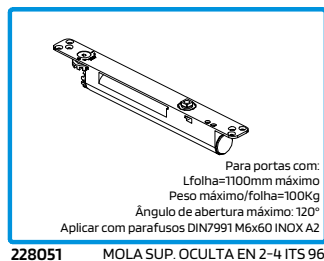
Nota: Este pormenor exemplificativo é válido para as tipologias com vidro.
Note: This illustrative detail is valid for glass types
Note: Ce détail illustratif est valable pour les types de verre



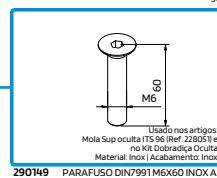
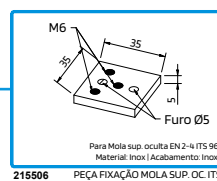
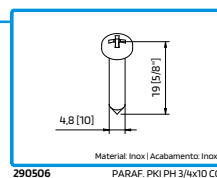
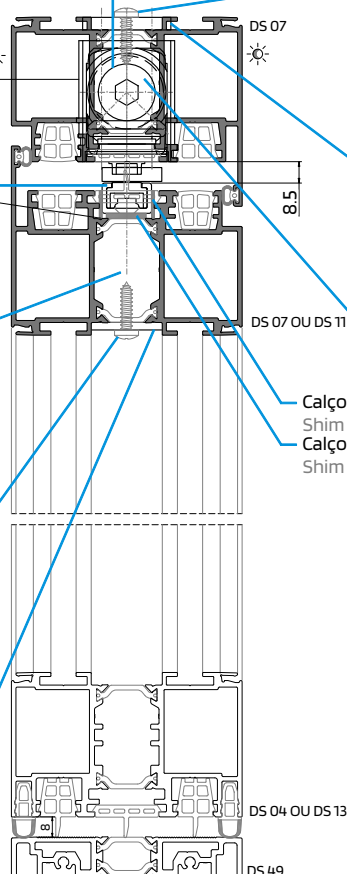
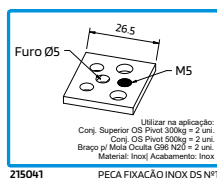
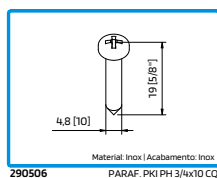
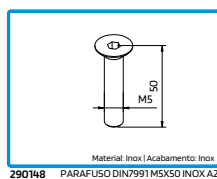
MAQUINAÇÕES E FIXAÇÕES PARA MOLA SUPERIOR OCULTA EN 2-4 ITS 96

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



Calço 1mm
Shim | Cale



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

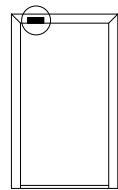
MAQUINAÇÕES E FIXAÇÕES PARA MOLA SUPERIOR OCULTA EN 2-4 ITS 96

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

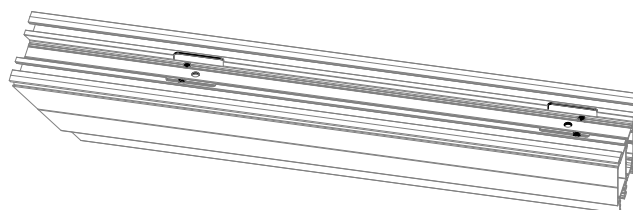
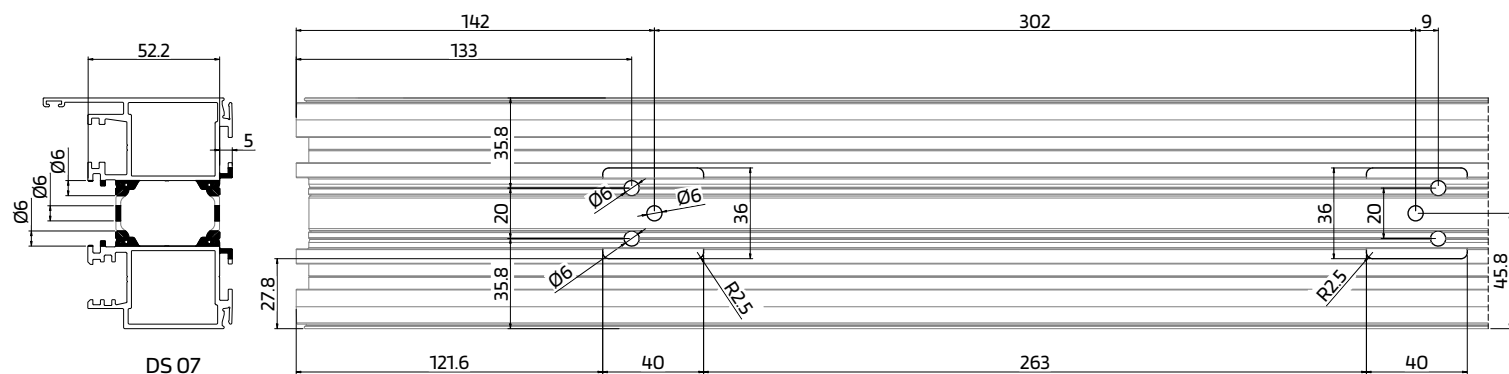
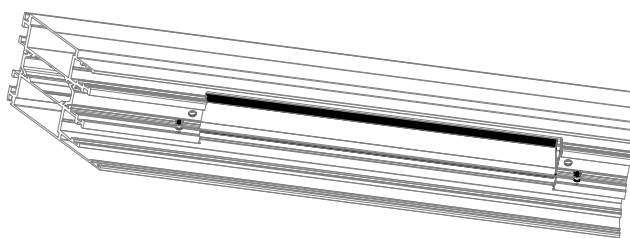
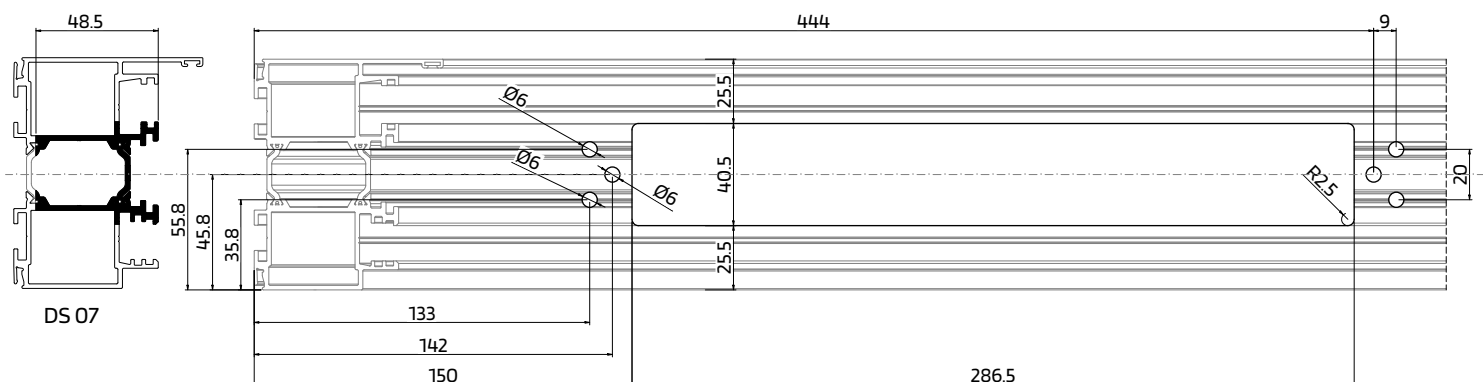
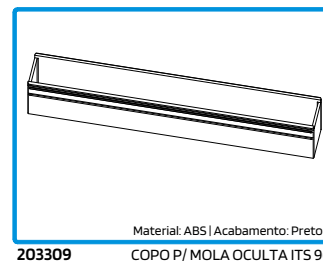
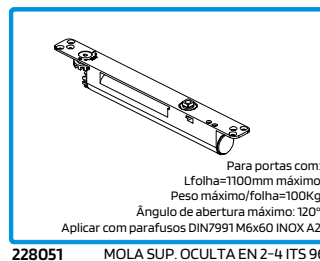
USINAGES ET FIXATIONS POUR FERME-PORTES SUPÉRIEUR D'ENCASTRÉ EN 2-4 ITS 96

Aros fixos

Fixed frames | Cadres fixes



Corte a 45°
45° Cut | Coupe à 45°



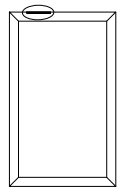
MAQUINAÇÕES E FIXAÇÕES PARA MOLA SUPERIOR OCULTA EN 2-4 ITS 96

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

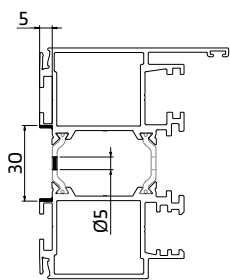
Aros móveis

Mobile frames | Cadres ouvrants

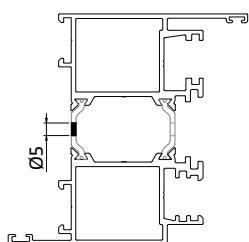


Corte a 45°

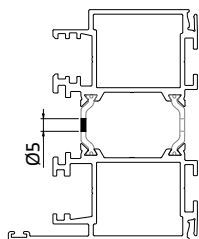
45° Cut | Coupe à 45°



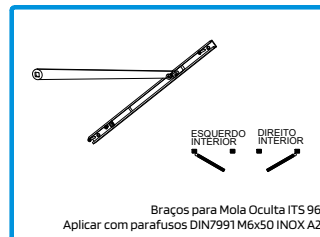
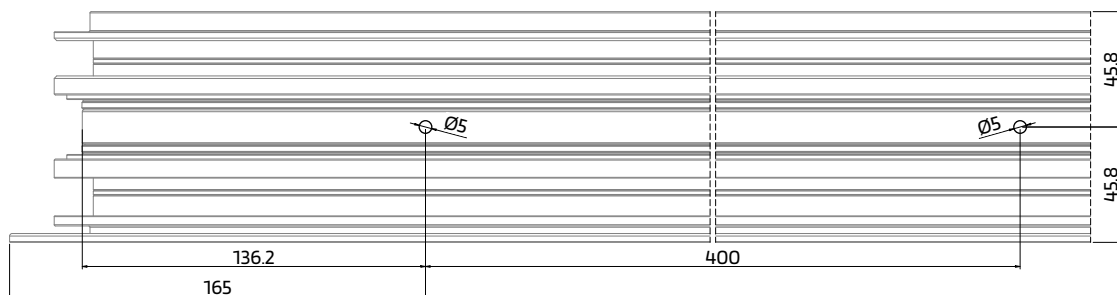
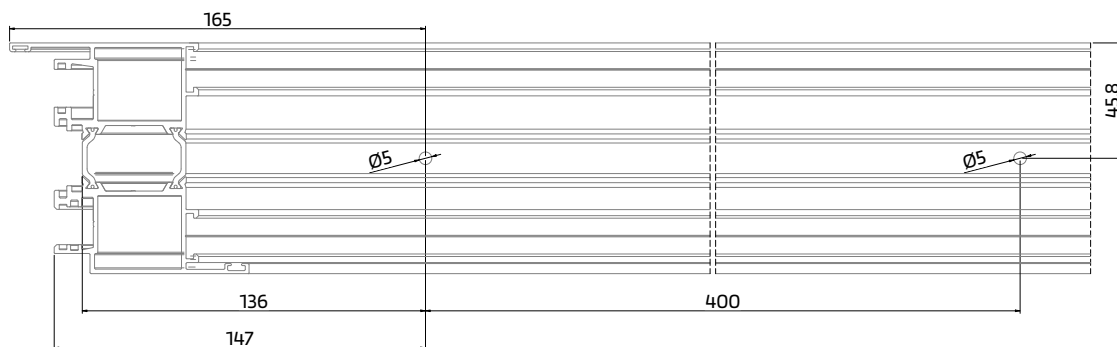
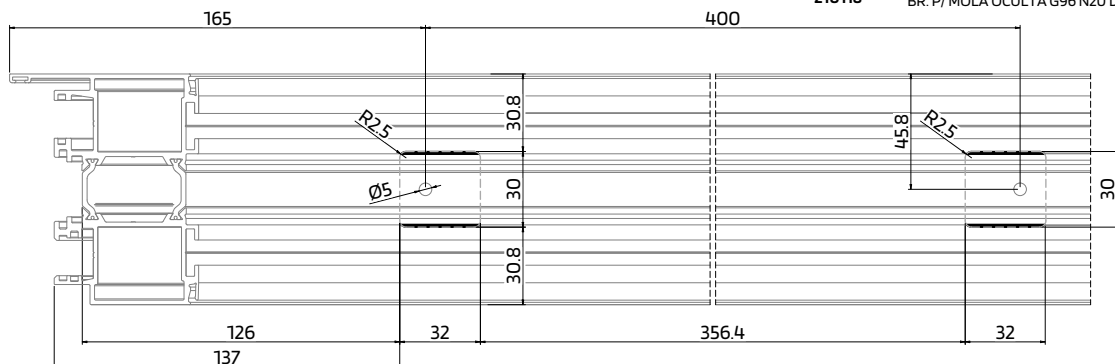
DS 07



DS 11



DS 07 OU DS 11



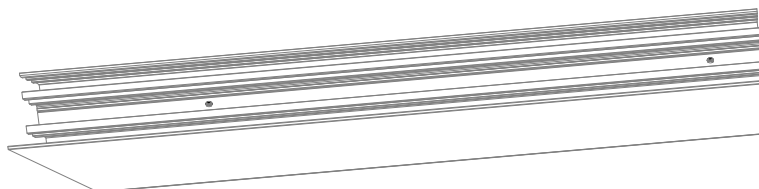
210117
210118

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



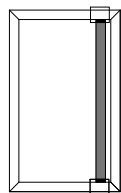
MAQUINAÇÕES PARA FIXAÇÃO DO PERFIL SO 81

MACHINING FOR FIXING THE SO 81 PROFILE

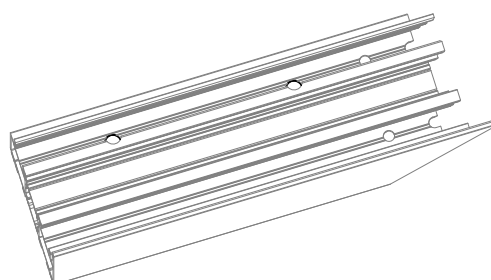
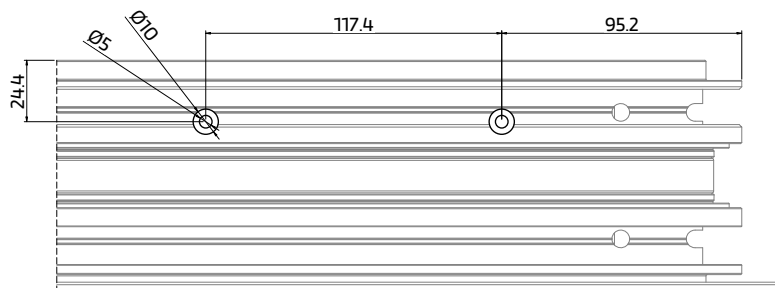
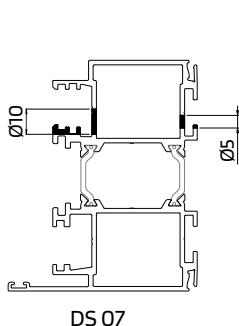
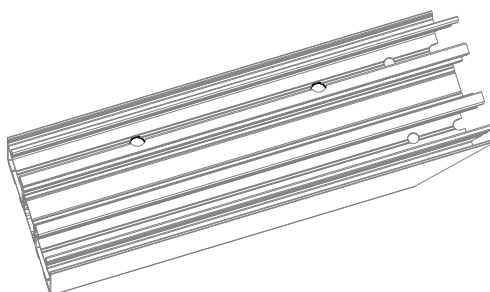
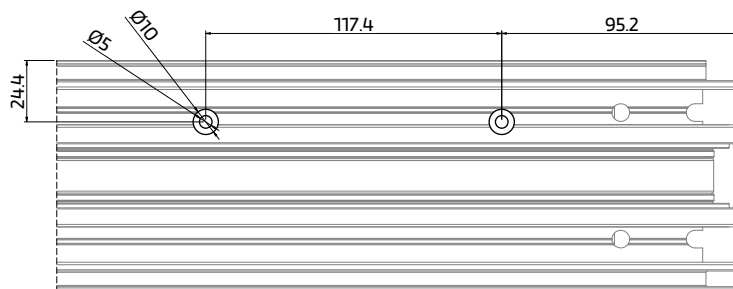
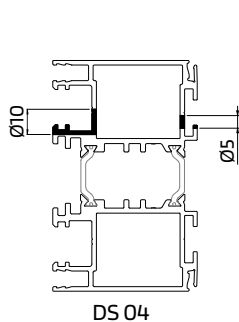
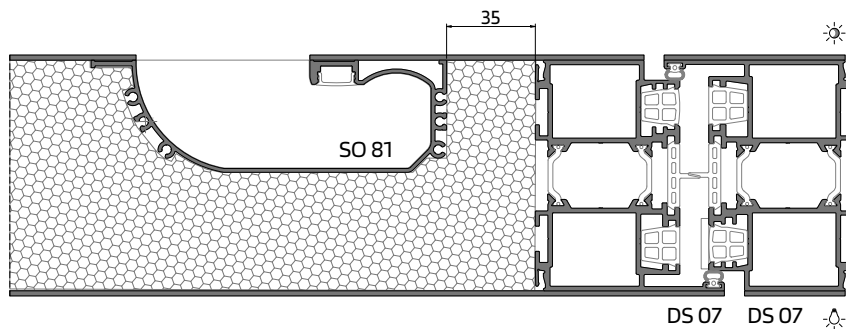
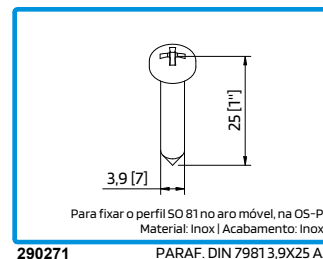
USINAGE POUR LA FIXATION DU PROFILÉ SO 81

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 HING

FOR TYPOLOGIES WITH CONCEALED HINGE AND PIVOTING TYPOLOGIES

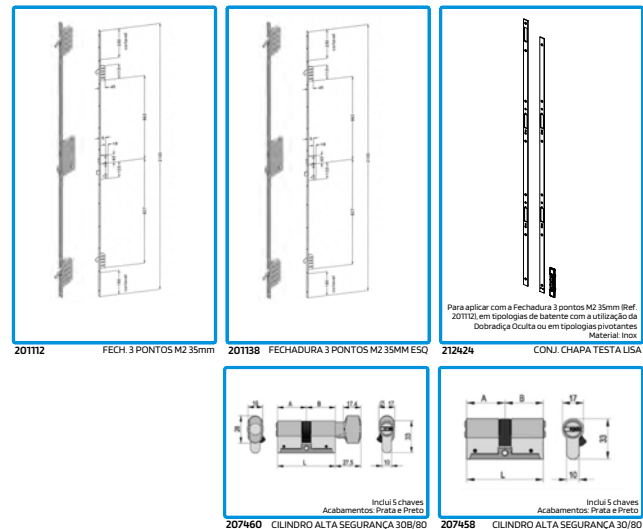
PORTES D'OUVERTURE VERS L'INTÉRIEUR ET L'EXTÉRIEUR

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:

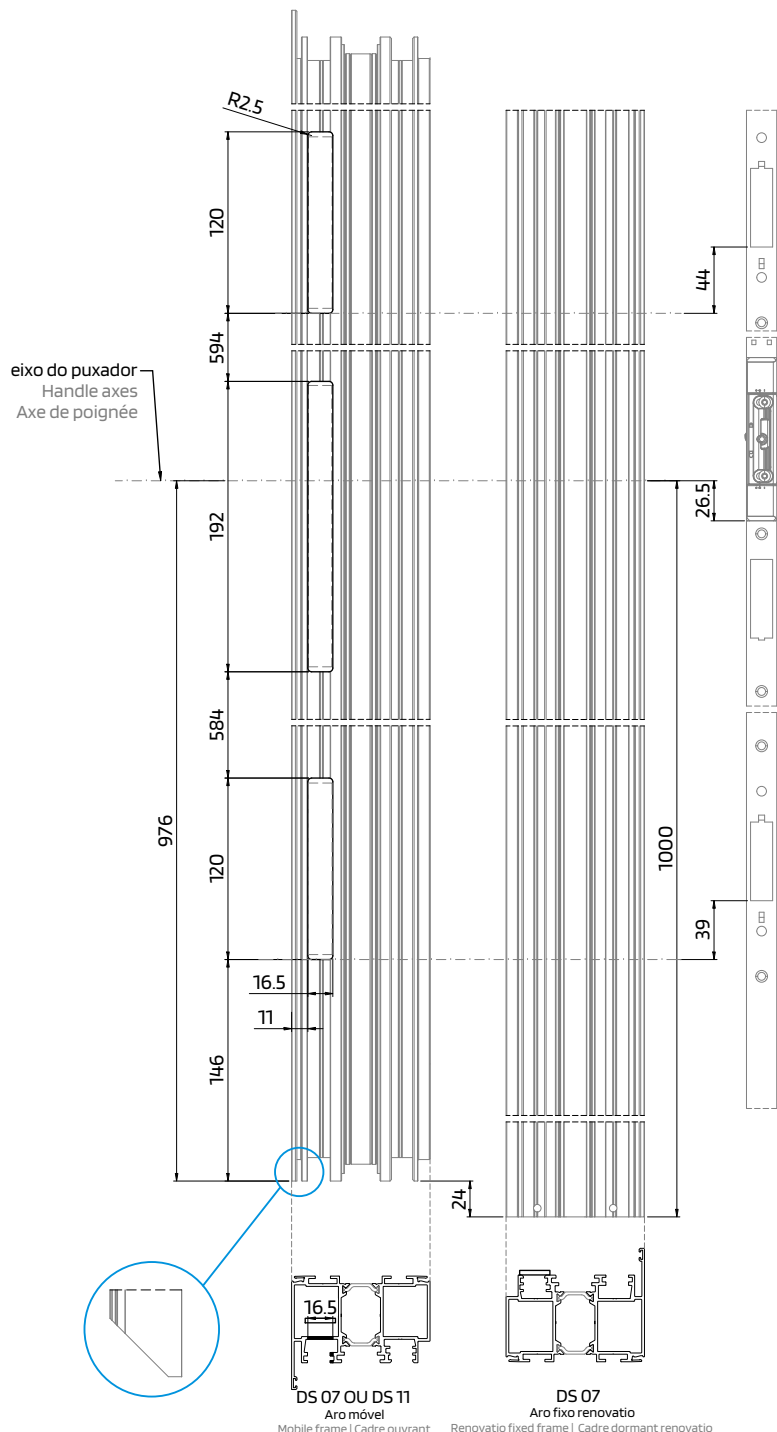
- As medidas estão calculadas para aplicação do cremone a 1000mm de altura
The measurements are calculated for the handle application at a height of 1000mm
Les mesures sont calculées pour une application de la crémone à une hauteur de 1000mm
- Para 2000mm de altura ou superior, a Fechadura de 3 pontos 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 apenas 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*

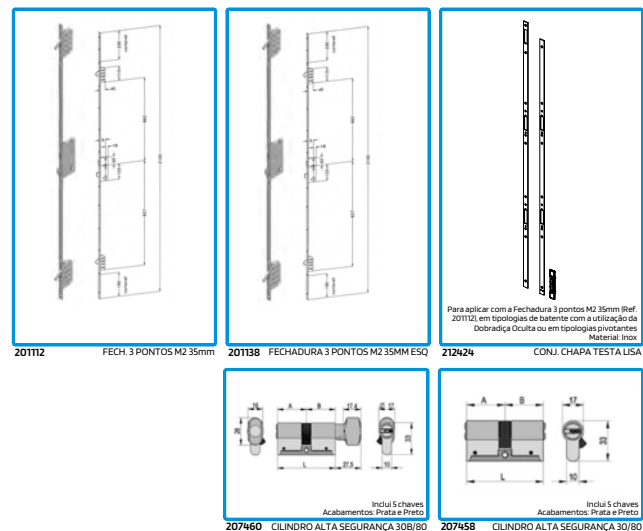
INWARD AND OUTWARD OPENING DOOR
WITH DOOR HING DS 2L AND *MECHANICA* HINGES

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



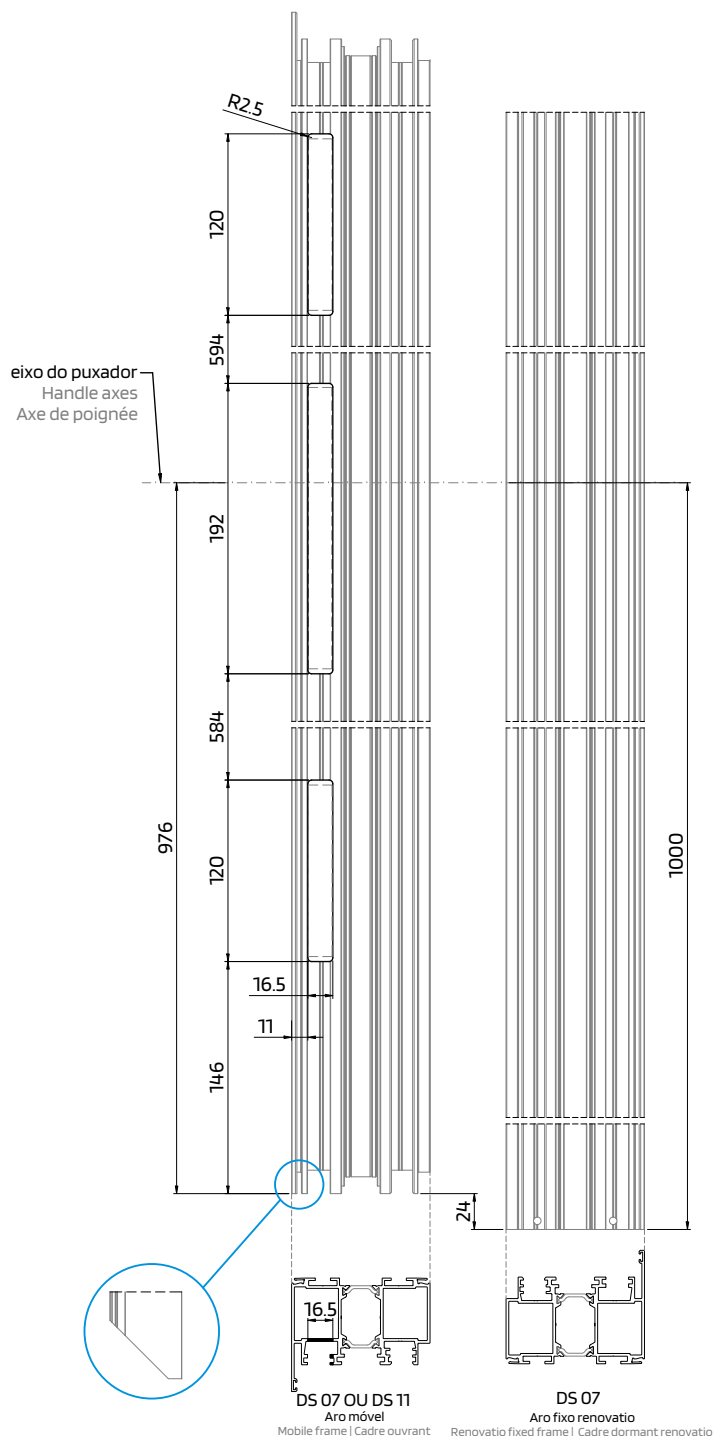
IMPORTANTE | IMPORTANT | IMPORTANT:

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.



MACHINING FOR BAR LOCK

USINAGE POUR SERRURE AVEC BARRES

A maquinação para aplicação da fechadura tem de ser feita a partir da parte inferior da folha móvel.

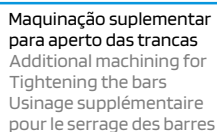
The lock must be machined from the bottom of the mobile sash.

La serrure doit être usinée à partir du bas de l'ouvrant.

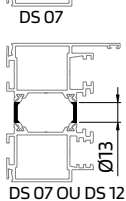
Nota: Este pormenor exemplificativo é válido para as tipologias com vidro.

Note: This illustrative detail is valid for glass types

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

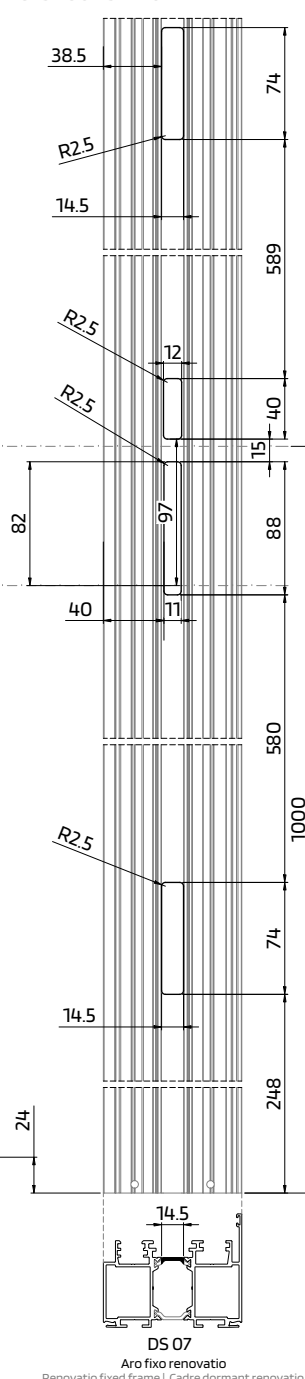
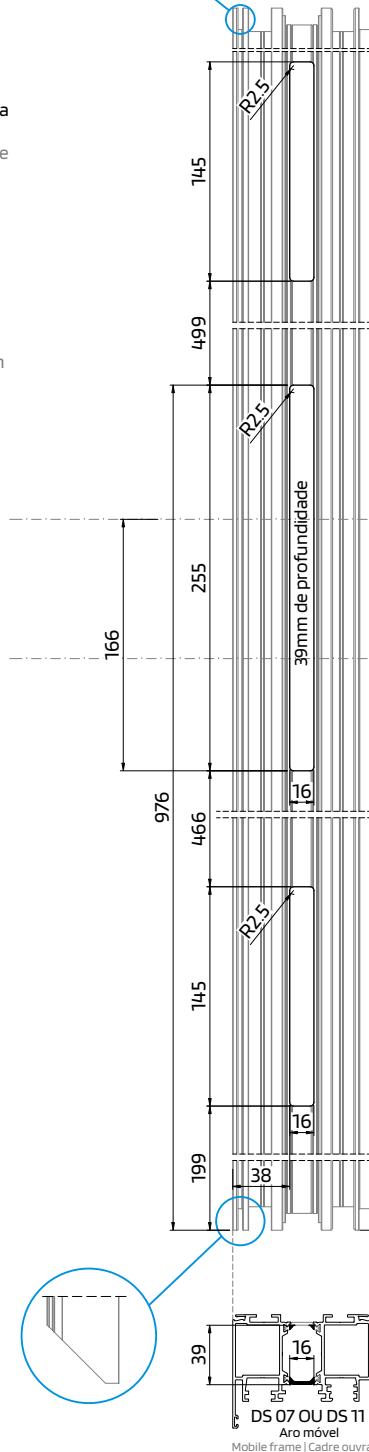
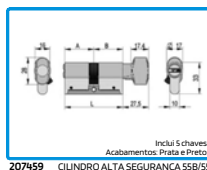


Centro do vão
Centre of the span
Centre de la portée



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 vantaill passif

MACHINING FOR 3 POINTS 7799x35 LOCK
USINAGE POUR SERRURE 3 POINTS 7799x35



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 as tipologias com:

For typologies with:

Pour les types avec :

- **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.

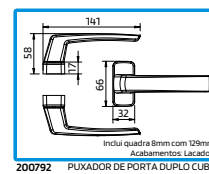
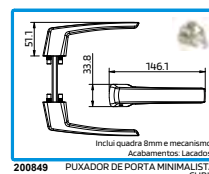
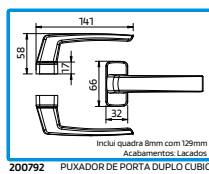
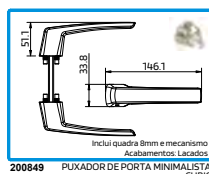
MAQUINAÇÕES PARA PUXADORES DE PORTA CUBIC
CUBIC DOOR HANDLE MACHINING
USINAGES POUR POIGNÉE DE PORTE CUBIC

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:

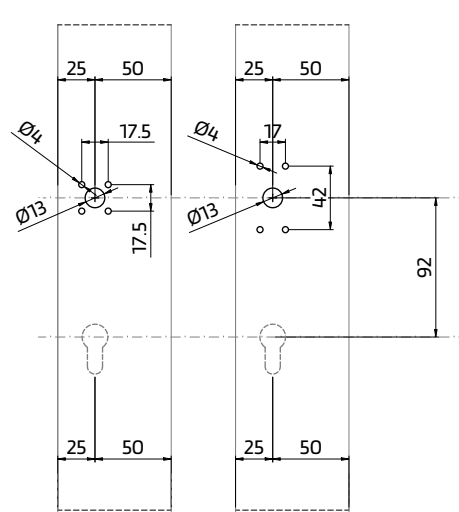
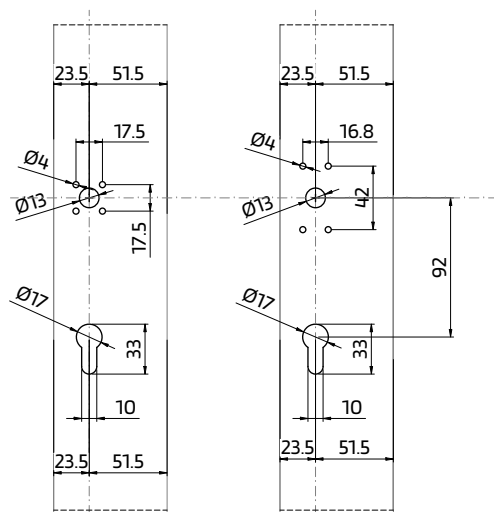
FECHADURA 3 PONTOS M2 35mm | 3 POINTS M2 35mm LOCK | SERRURE 3 POINTS M2 35mm

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



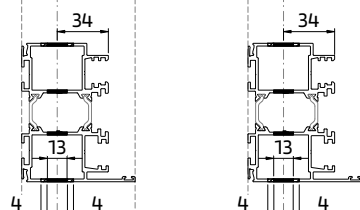
Para aplicar com | To apply with the | Pour appliquer avec:

FECHADURA DE TRANCAS | BAR LOCK | SERRURE AVEC BARRES



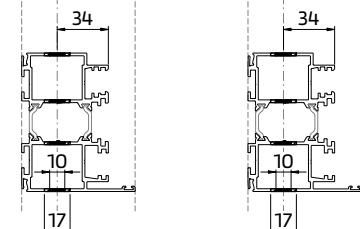
Furações para Puxadores
Handles drillings
Trous des poignées

DS 07 OU DS 11



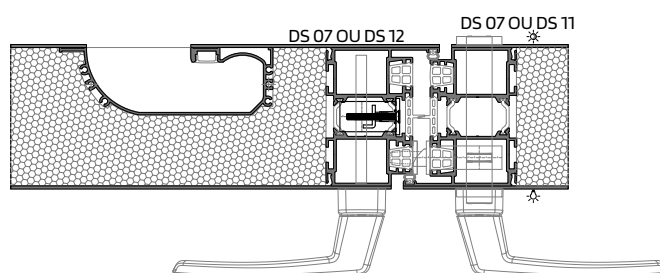
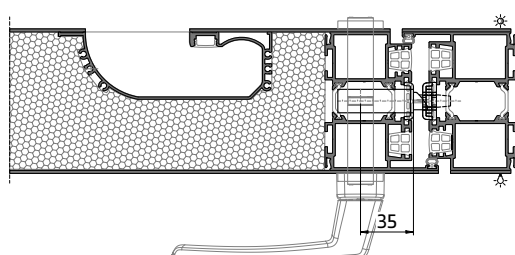
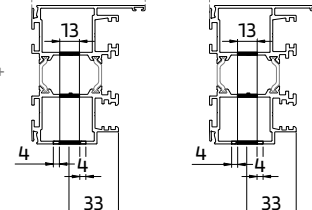
Furações para Cilindro
Cylinder holes
Trous pour cylindres

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

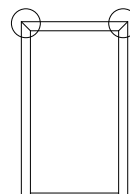
Ferragens e acessórios
Hardware and accessories
Ferrures et accessoires

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

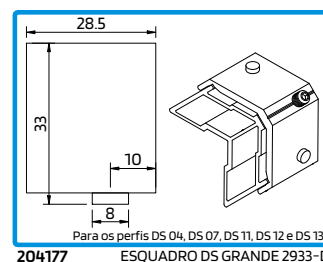
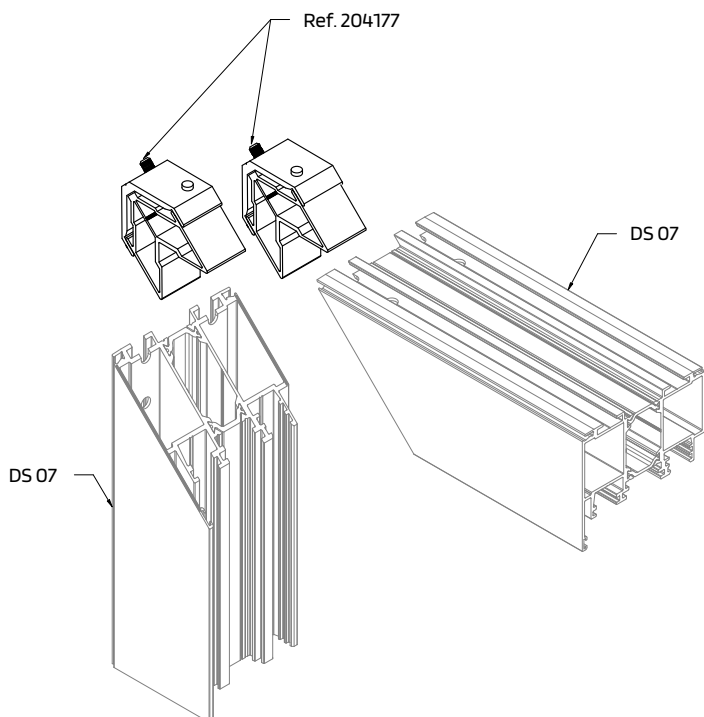


Corte a 45°

45° Cut | Coupe à 45°

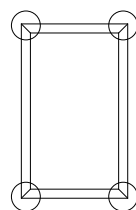
SELAR AS ESQUADRIAS COM COLA E VEDA

SEAL THE MITER JOINTS WITH SEALANT
SCELLER LES CHANFRAINS AVEC MASTIC



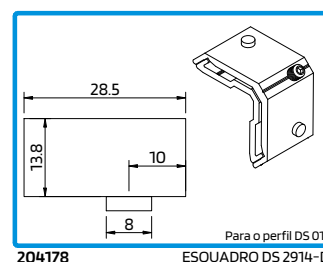
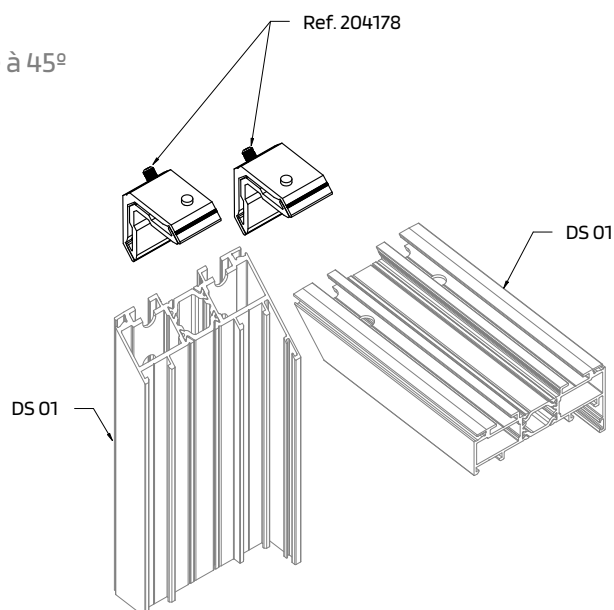
204177

ESQUADRO DS GRANDE 2933-D



Corte a 45°

45° Cut | Coupe à 45°

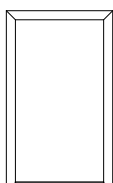


204178

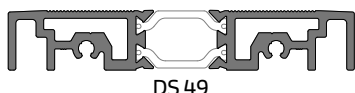
ESQUADRO DS 2914-D

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**

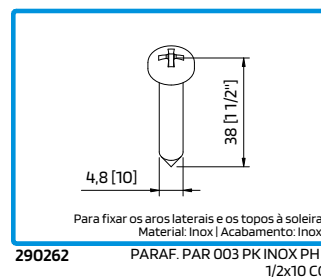
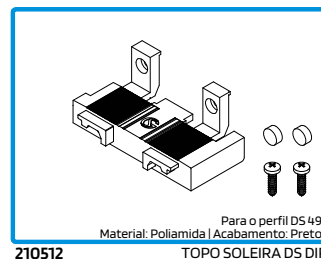
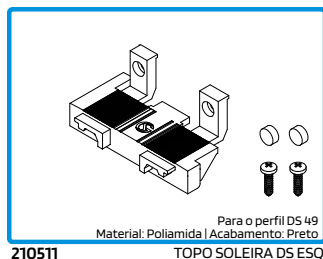
Aros fixos
Fixed frames | Cadres fixes



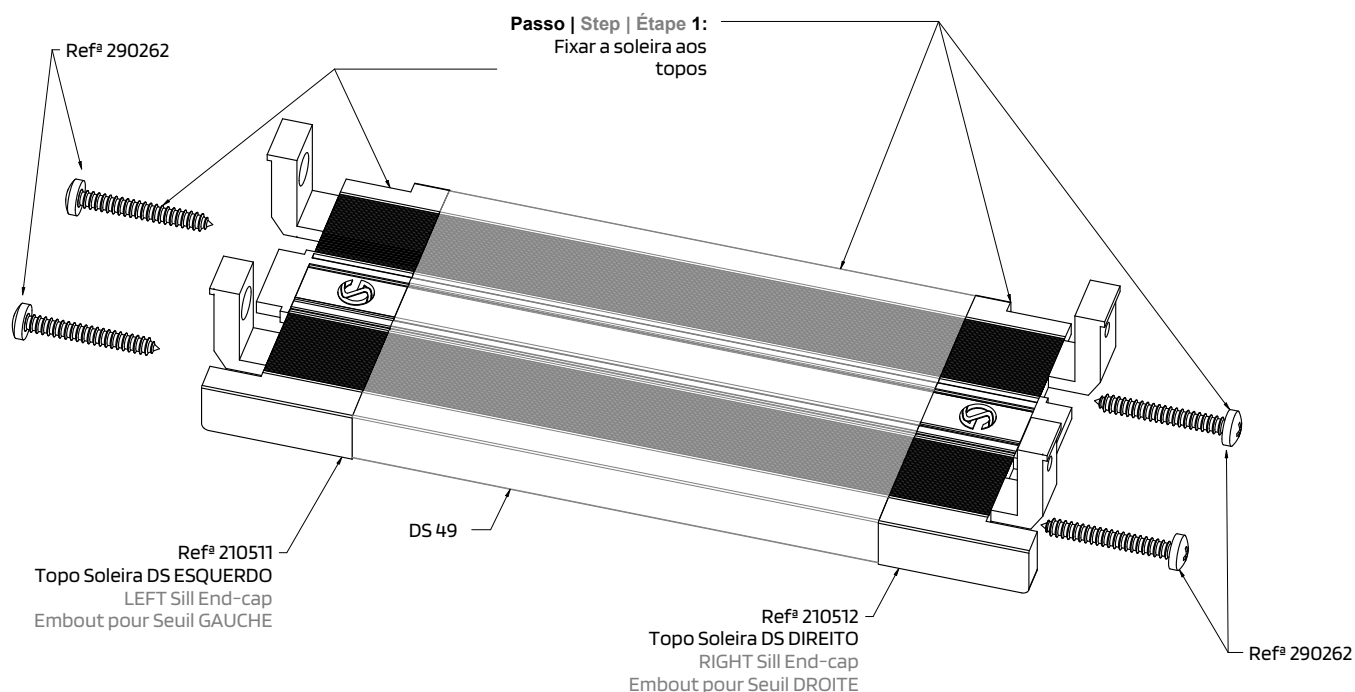
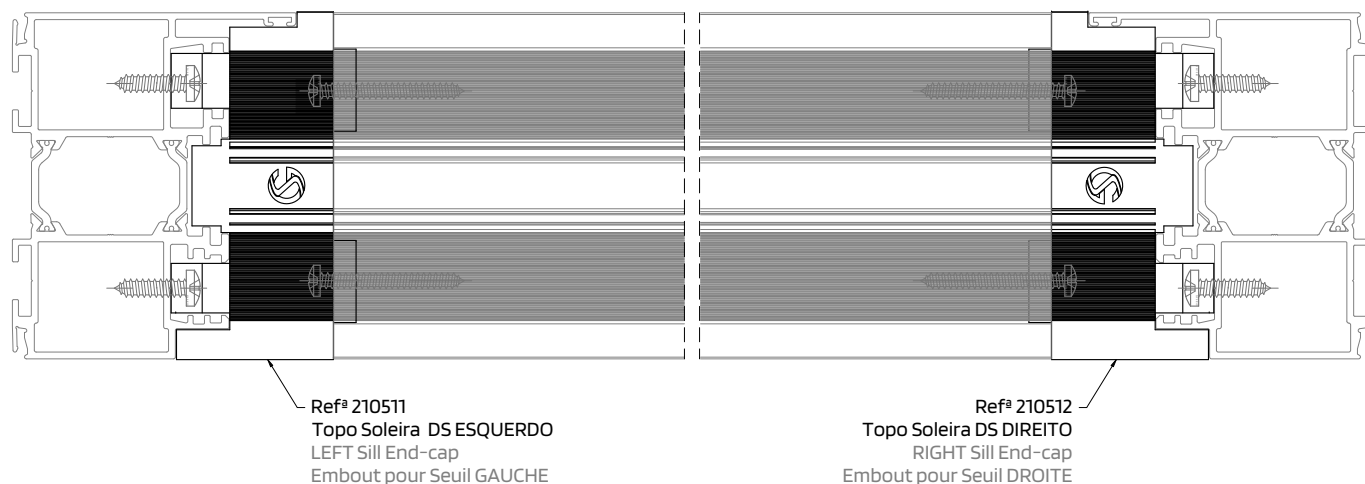
Corte a 45°
45° Cut
Coupe à 45°



DS 49



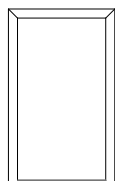
Tipologias de batente | Side-hinged typologies | Typologies à battant



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**

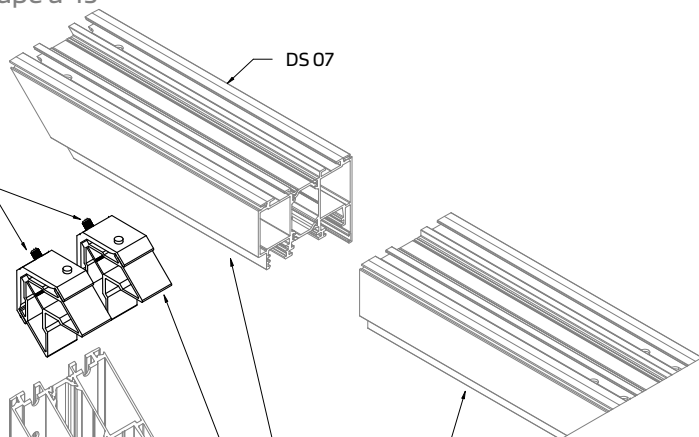
Aros fixos

Fixed frames | Cadres fixes



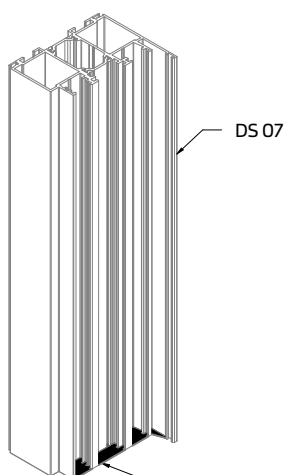
Corte a 45°
45° Cut | Coupe à 45°

Ref. 204177

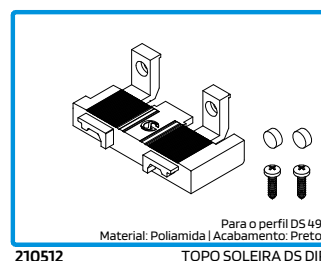
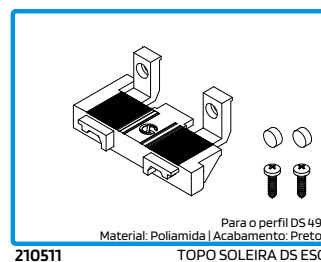
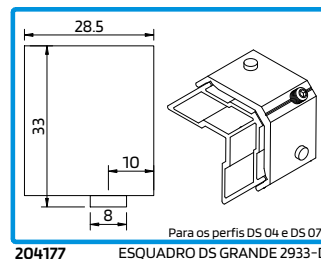
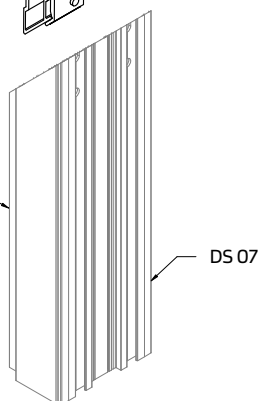


Passo | Step | Étape 2:

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

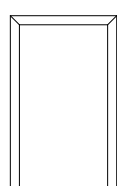


SILICONE NEUTRO
NEUTRAL SILICONE
SILICONE NEUTRE

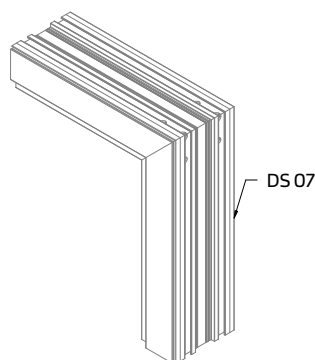
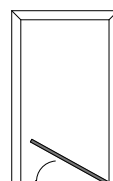
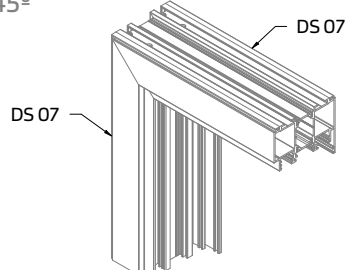


MONTAGEM DE PERFIS E ACESSÓRIOS NO ARO FIXO - TIPOLOGIAS DE BATENTE
ASSEMBLY OF PROFILES AND ACCESSORIES IN THE FIXED FRAME - **SIDE-HINGED TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS ET DES ACCESSOIRES DANS LE CADRE FIXE - **TYPOLOGIES À BATTANT**

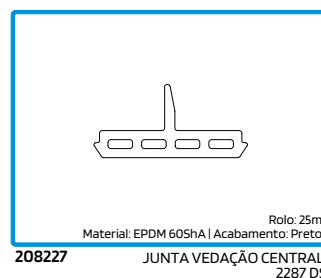
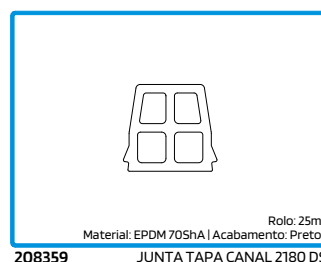
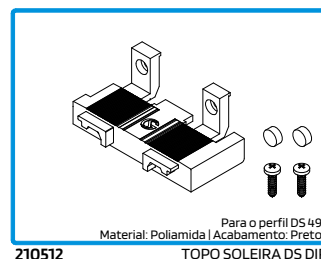
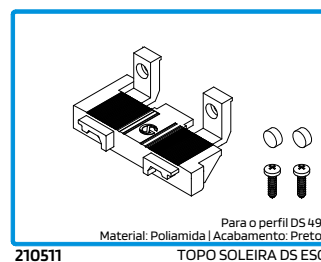
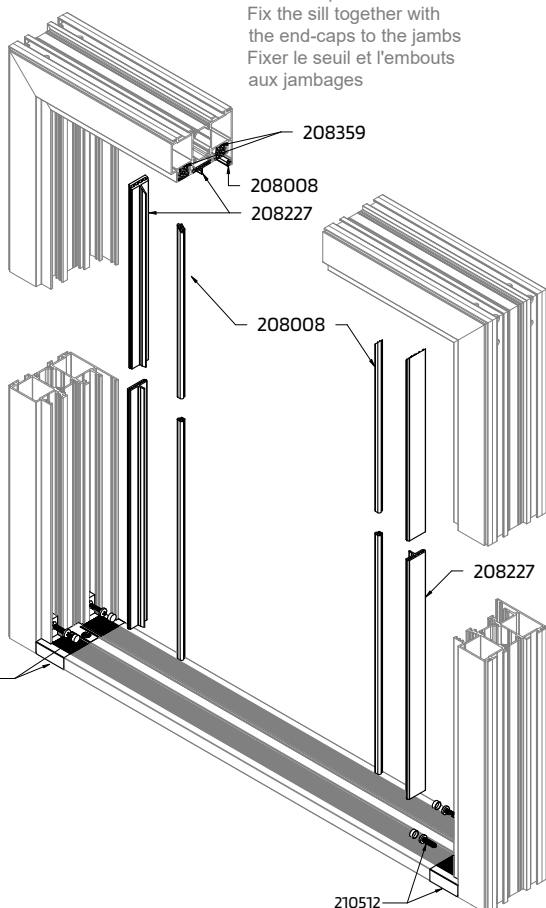
Aros fixos
Fixed frames | Cadres fixes



Corte a 45°
45° Cut
Coupe à 45°

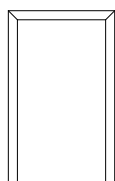


Passo | Step | Étape 3:
Fixar a soleira juntamente
com os topos às ombreiras
Fix the sill together with
the end-caps to the jambs
Fixer le seuil et l'embouts
aux jambages

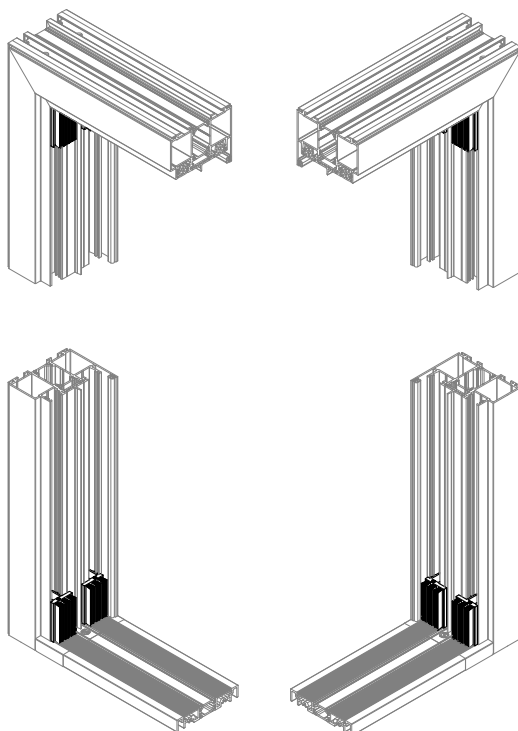
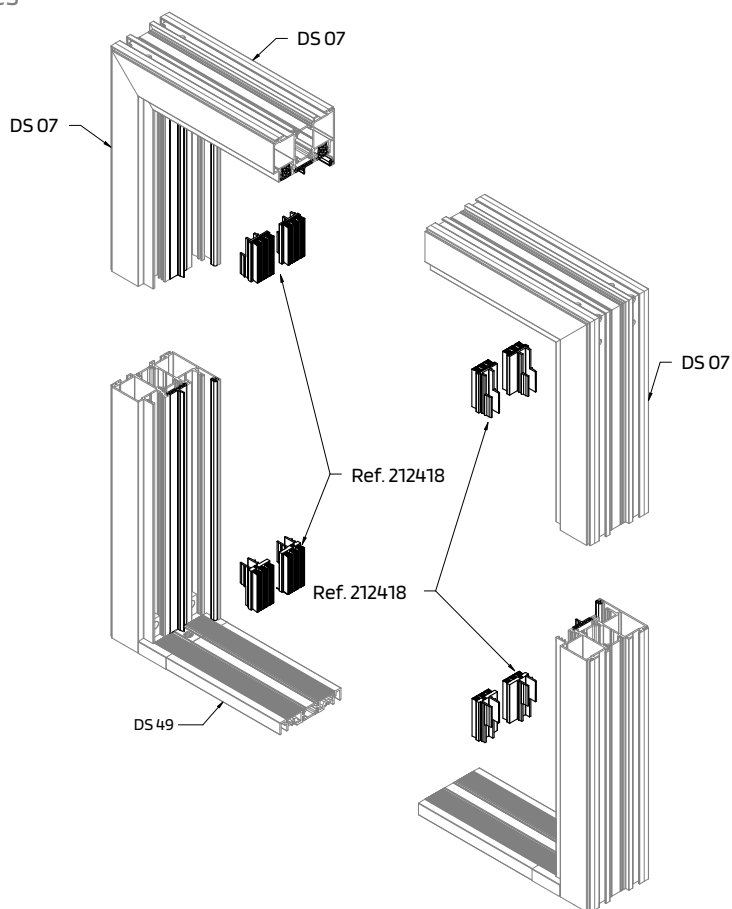


MONTAGEM DE PERFIS E ACESSÓRIOS NO ARO FIXO - TIPOLOGIAS DE BATENTE
ASSEMBLY OF PROFILES AND ACCESSORIES IN THE FIXED FRAME - **SIDE-HINGED TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS ET DES ACCESSOIRES DANS LE CADRE FIXE - **TIPOLOGIES À BATTANT**

Aros fixos
Fixed frames | Cadres fixes

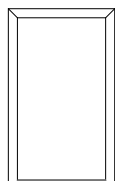


Corte a 45°
45° Cut
Coupe à 45°

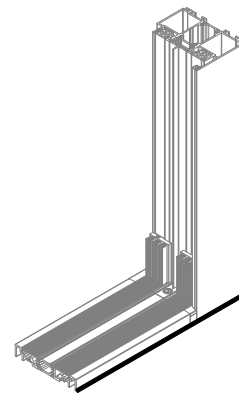
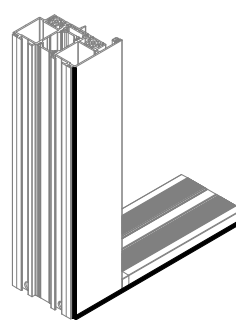
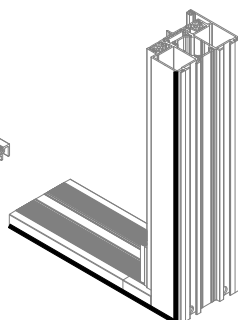
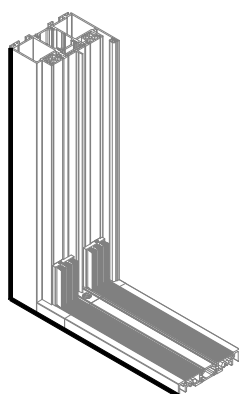
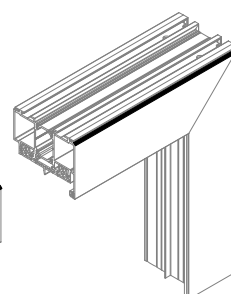
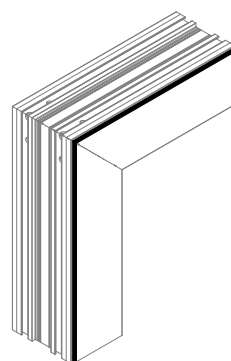
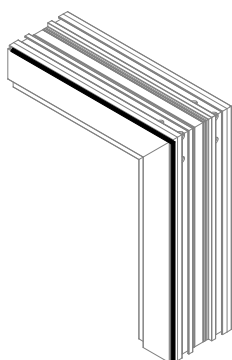
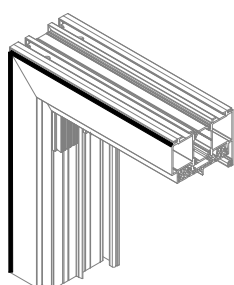
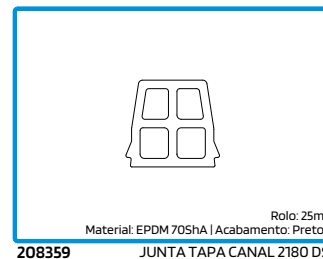
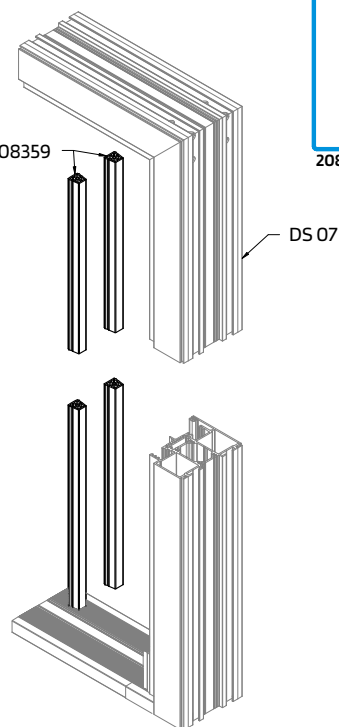
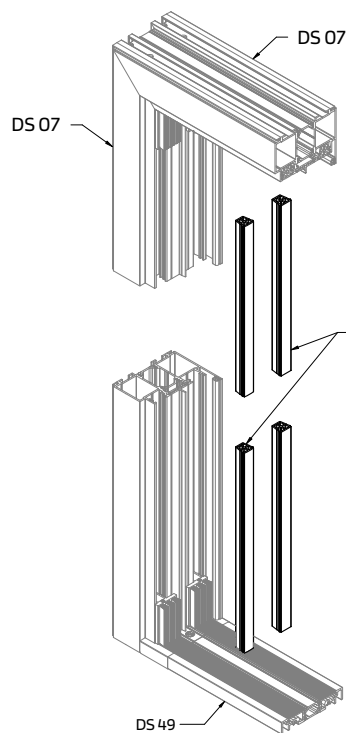


MONTAGEM DE PERFIS E ACESSÓRIOS NO ARO FIXO - TIPOLOGIAS DE BATENTE
ASSEMBLY OF PROFILES AND ACCESSORIES IN THE FIXED FRAME - **SIDE-HINGED TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS ET DES ACCESSOIRES DANS LE CADRE FIXE - **TIPOLOGIES À BATTANT**

Aros fixos
Fixed frames | Cadres fixes



Corte a 45°
45° Cut
Coupe à 45°



vista interior

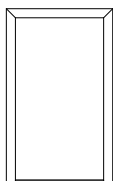
vista exterior

IMPORTANTE | IMPORTANT | IMPORTANT:

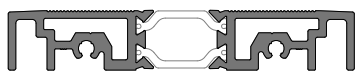
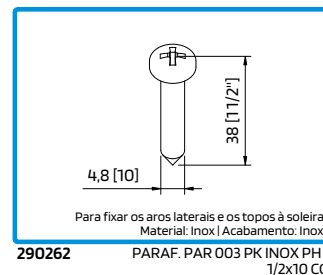
Encher as câmaras com silicone antes de fixar a soleira às ombreiras. Aplicar silicone à cor do perfil ou silicone neutro na zona das esquadrias.
Fill the chambers with silicone before fixing the sill to the jambs. Apply silicone in the colour of the profile or neutral silicone in the corner area
Remplir 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



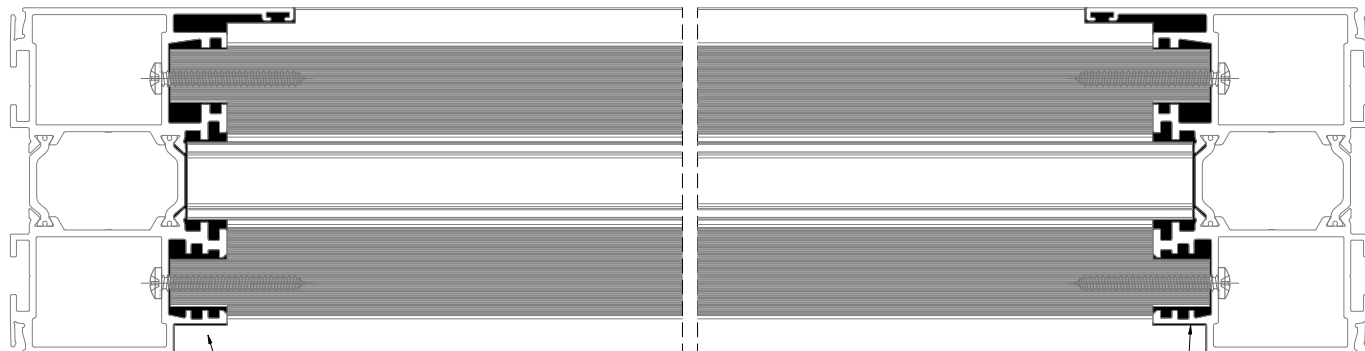
Corte a 45°
45° Cut
Coupe à 45°



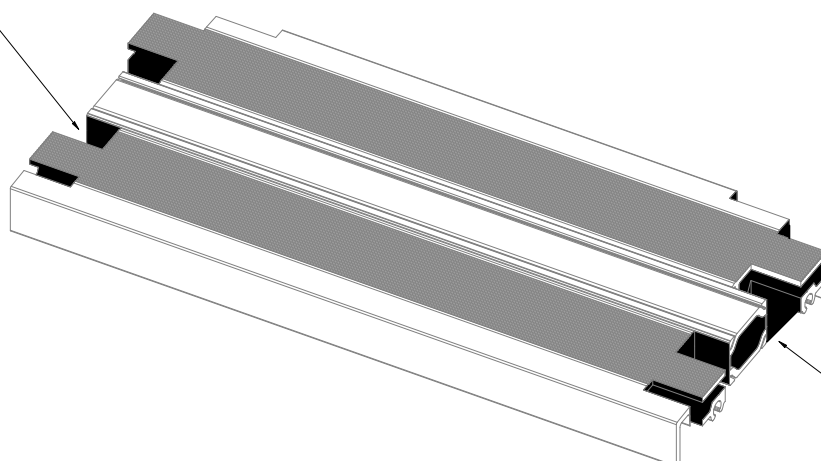
DS 49

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



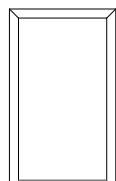
IMPORTANTE | IMPORTANT | IMPORTANT:

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 - **TYPOLOGIES À BATTANT**

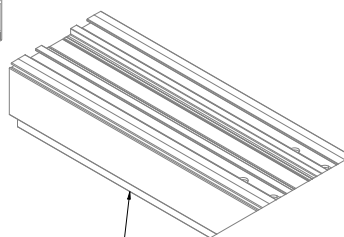
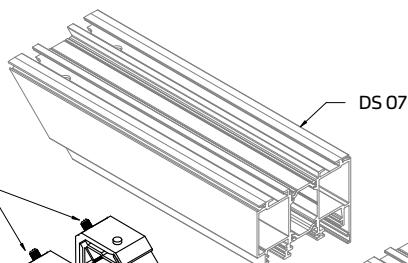
Aros fixos

Fixed frames | Cadres fixes

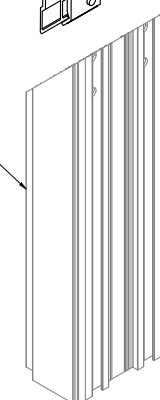


Corte a 45°
45° Cut | Coupe à 45°

Ref. 204177

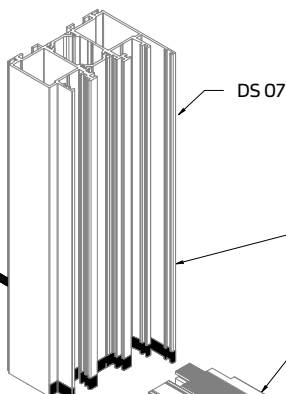


Ref. 204177



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

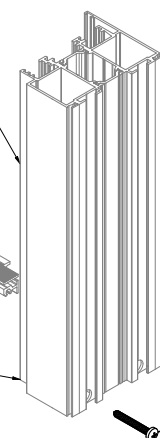
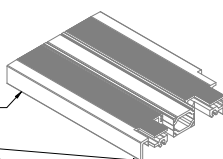


Ref. 290262

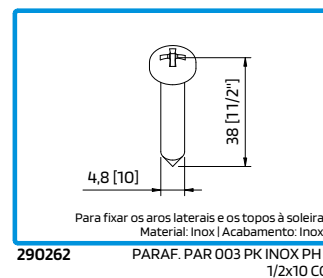
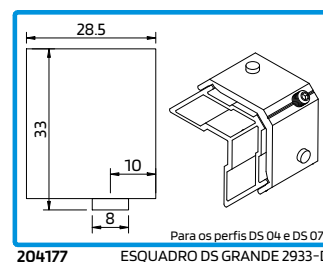
Passo | Step | Étape 2:
Fixar a soleira às ombreiras
Fix the sill with the jambs
Fixer le seuil aux jambages

DS 49

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

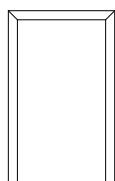


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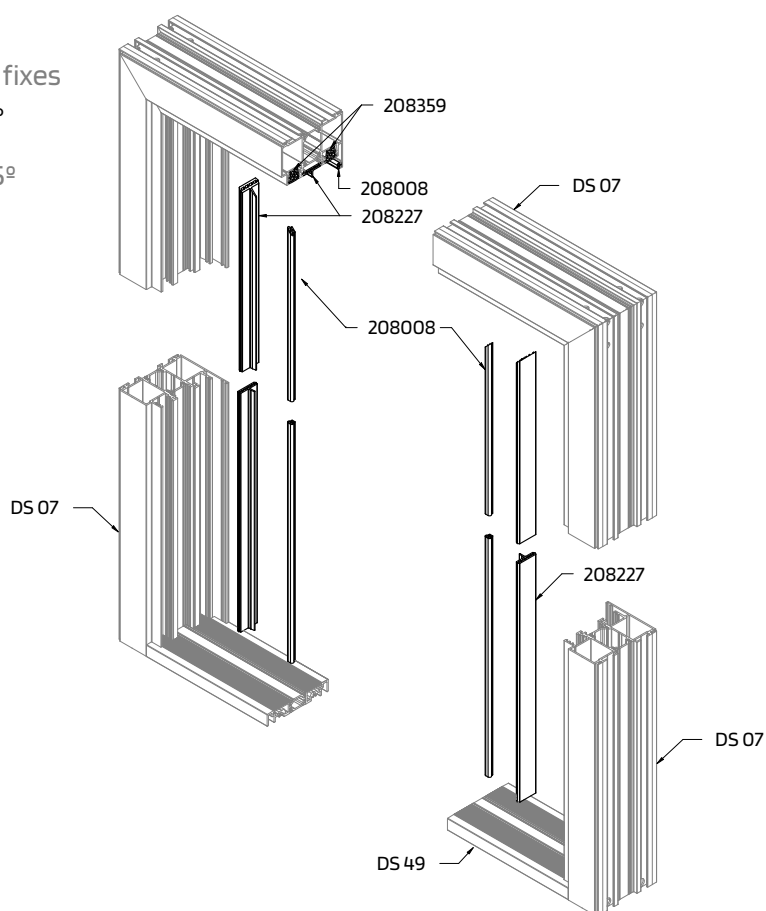


MONTAGEM DE PERFIS E ACESSÓRIOS NO ARO FIXO - TIPOLOGIAS DE BATENTE
ASSEMBLY OF PROFILES AND ACCESSORIES IN THE FIXED FRAME- **SIDE-HINGED TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS ET DES ACCESSOIRES DANS LE CADRE FIXE - **TIPOLOGIES À BATTANT**

Aros fixos
Fixed frames | Cadres fixes

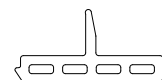


Corte a 45°
45° Cut
Coupe à 45°



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

208008 JUNTA DE ESTANQUIDADE 2051



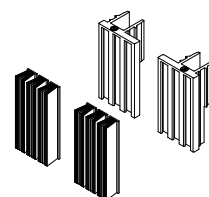
Rolo: 25m
Material: EPDM 60ShA | Acabamento: Preto

208227 JUNTA VEDAÇÃO CENTRAL 2287 DS

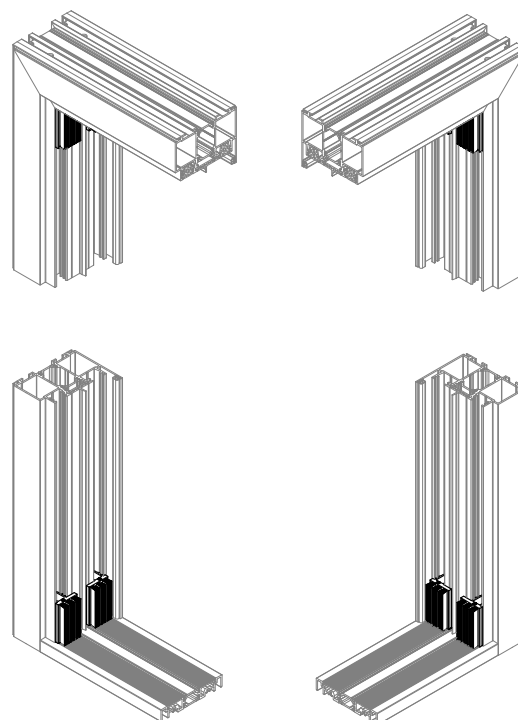
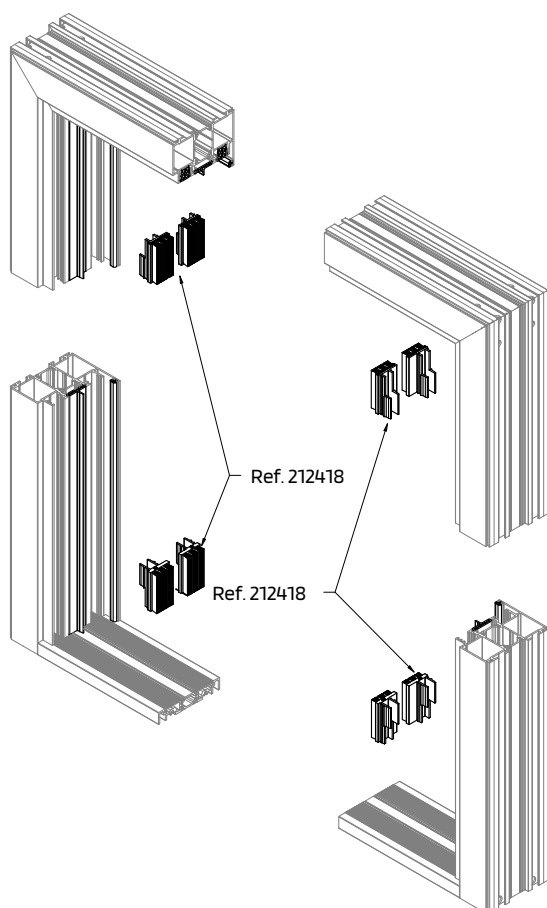


Rolo: 25m
Material: EPDM 70ShA | Acabamento: Preto

208359 JUNTA TAPA CANAL 2180 DS

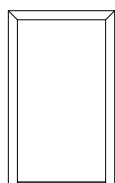


212418 CONJ. TOPOS ARO FIXO DS

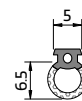
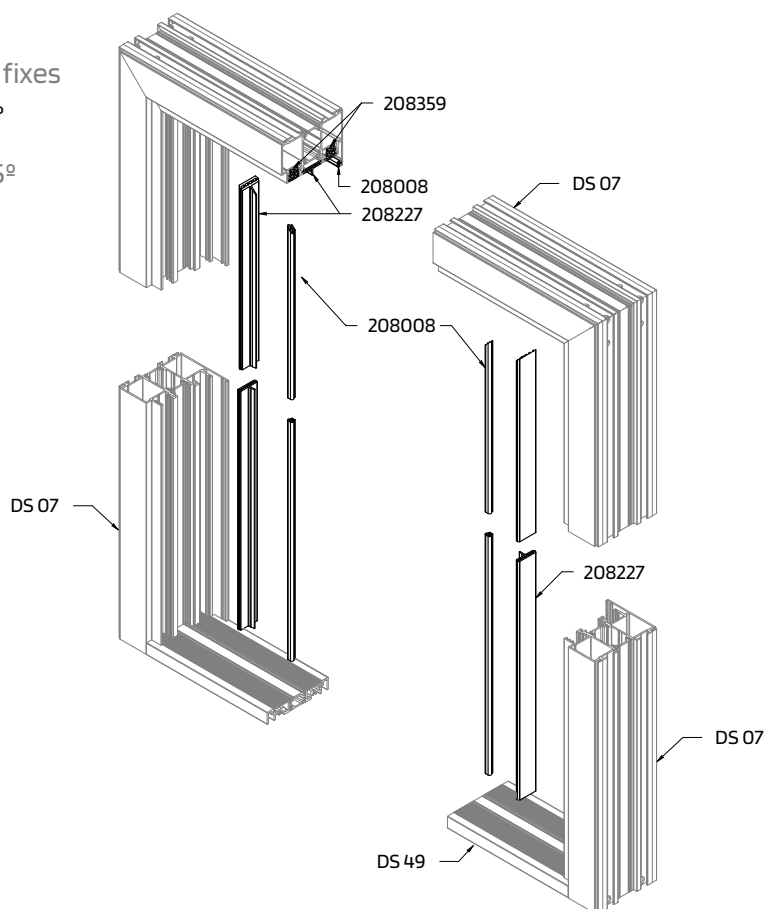


MONTAGEM DE PERFIS E ACESSÓRIOS NO ARO FIXO - TIPOLOGIAS DE BATENTE
ASSEMBLY OF PROFILES AND ACCESSORIES IN THE FIXED FRAME- **SIDE-HINGED TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS ET DES ACCESSOIRES DANS LE CADRE FIXE - **TIPOLOGIES À BATTANT**

Aros fixos
Fixed frames | Cadres fixes

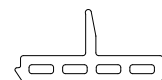


Corte a 45°
45° Cut
Coupe à 45°



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

208008 JUNTA DE ESTANQUIDADE 2051



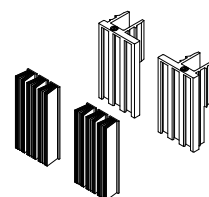
Rolo: 25m
Material: EPDM 60ShA | Acabamento: Preto

208227 JUNTA VEDAÇÃO CENTRAL 2287 DS

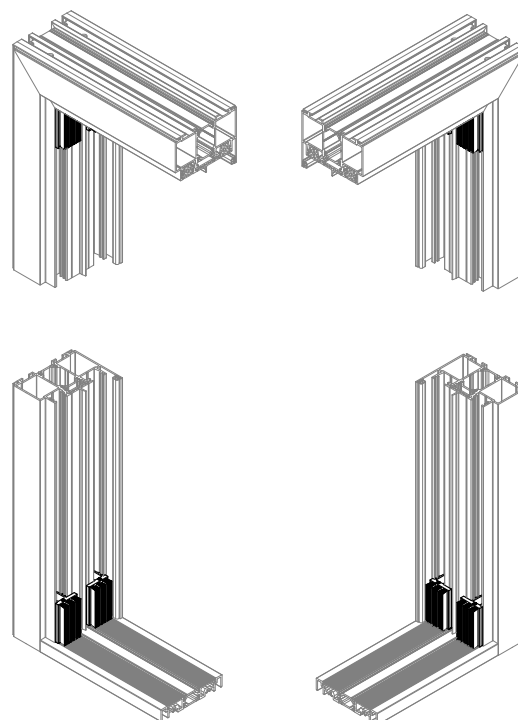
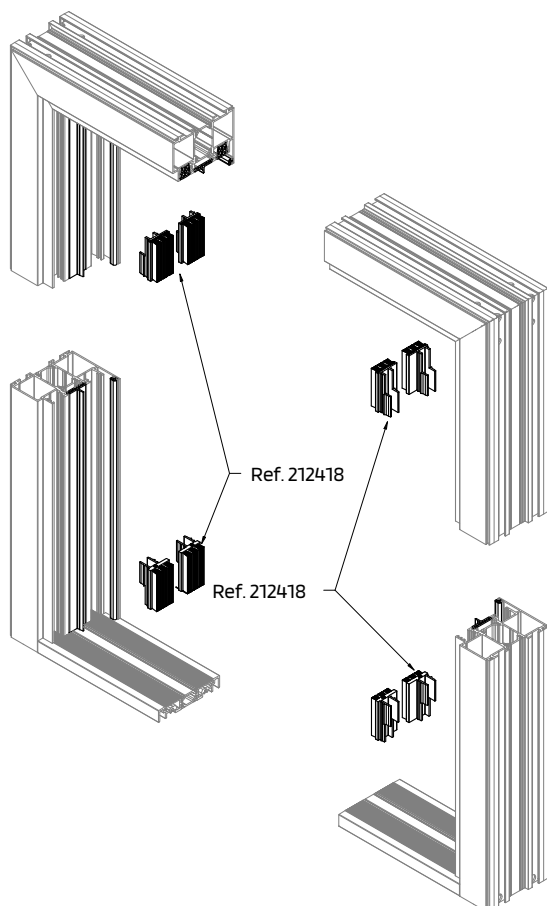


Rolo: 25m
Material: EPDM 70ShA | Acabamento: Preto

208359 JUNTA TAPA CANAL 2180 DS

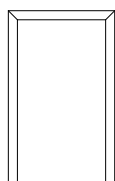


212418 CONJ. TOPOS ARO FIXO DS

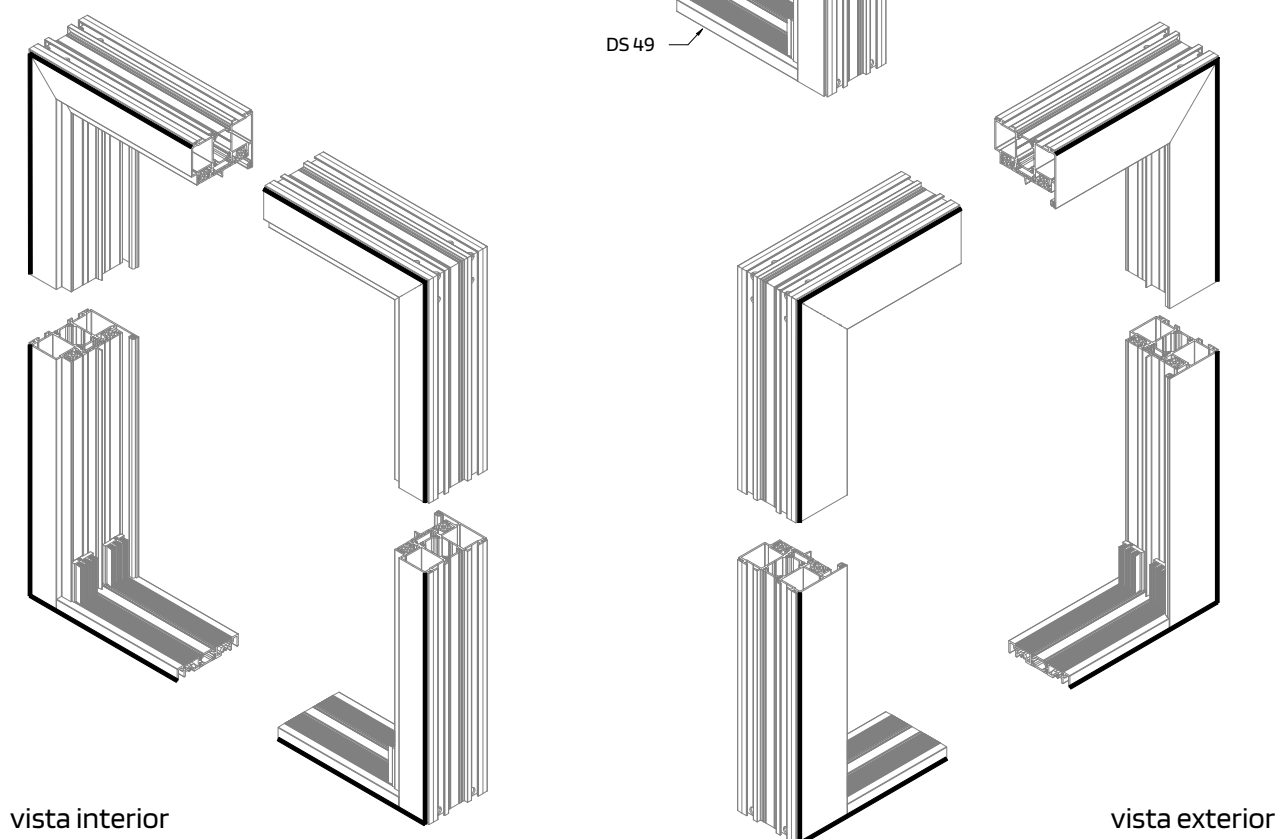
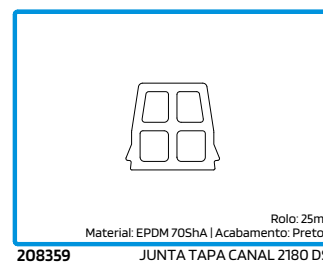
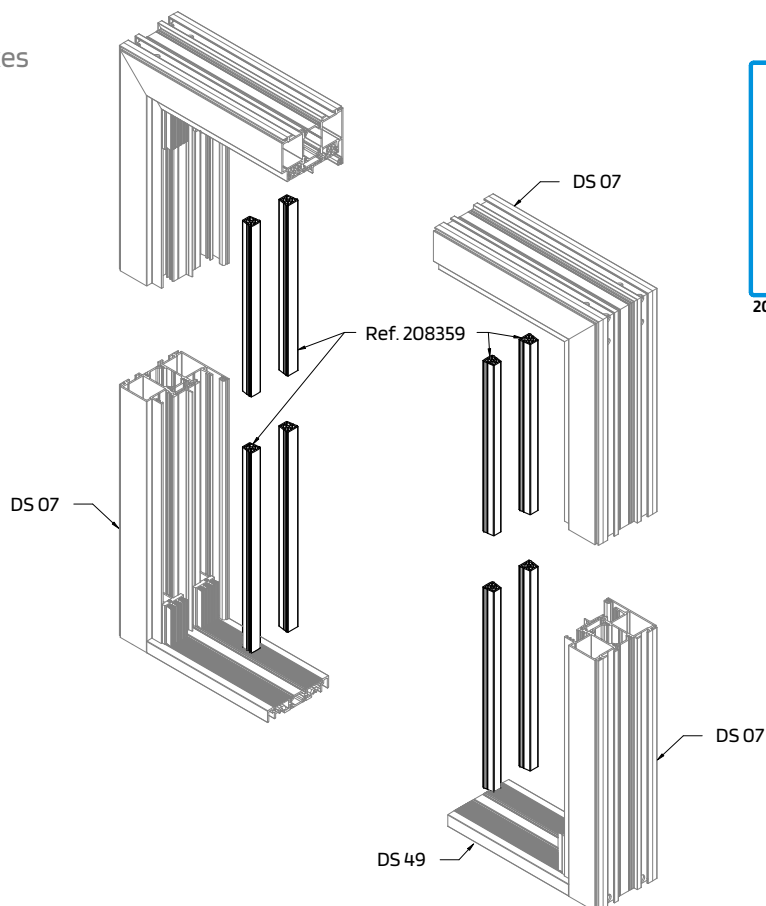


MONTAGEM DE PERFIS E ACESSÓRIOS NO ARO FIXO - TIPOLOGIAS DE BATENTE
ASSEMBLY OF PROFILES AND ACCESSORIES IN THE FIXED FRAME- **SIDE-HINGED TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS ET DES ACCESSOIRES DANS LE CADRE FIXE - **TIPOLOGIES À BATTANT**

Aros fixos
Fixed frames | Cadres fixes



Corte a 45°
45° Cut
Coupe à 45°

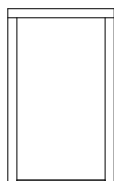


IMPORTANTE | IMPORTANT | IMPORTANT:

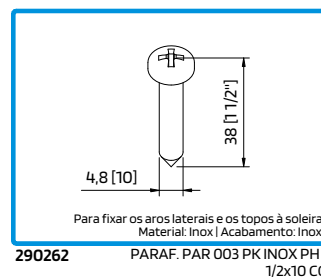
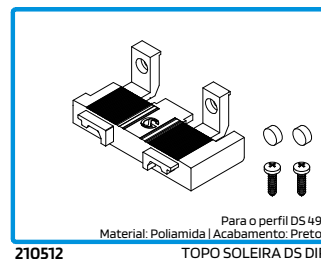
Encher as câmaras com silicone antes de fixar a soleira às ombreiras. Aplicar silicone à cor do perfil ou silicone neutro na zona das esquadrias.
Fill the chambers with silicone before fixing the sill to the jambs. Apply silicone in the colour of the profile or neutral silicone in the corner area
Remplir 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 - **TIPOLOGIES PIVOTANTES**

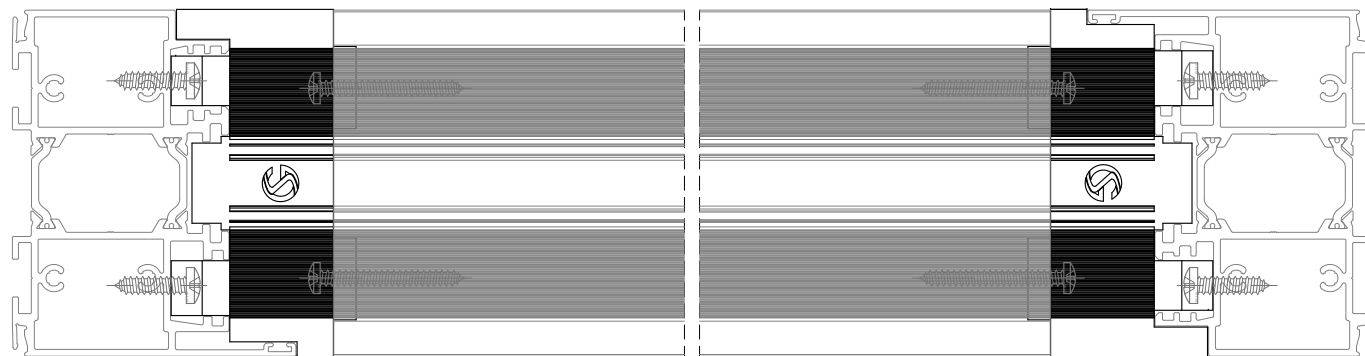
Aros fixos
Fixed frames | Cadres fixes



Corte a 90°
90° Cut
Coupe à 90°

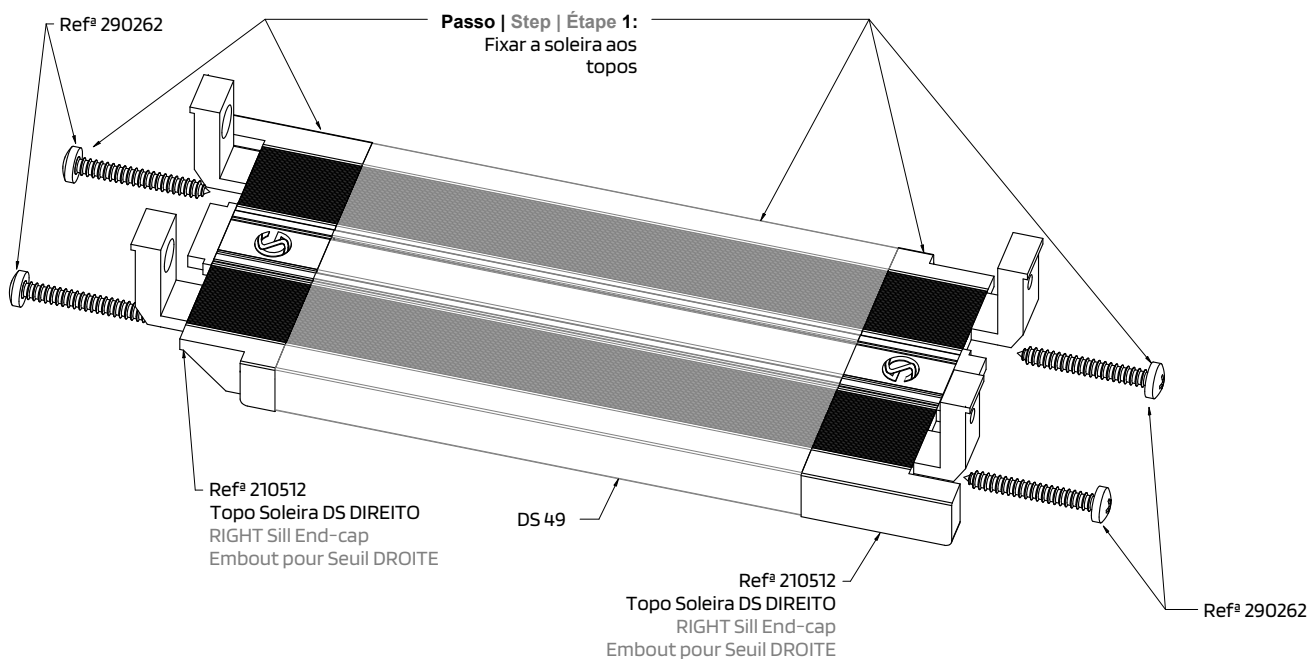


Tipologias pivotantes | Pivoting typologies | Typologies à pivotante



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

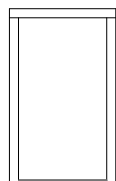
Refª 210512
Topo Soleira DS DIREITO
RIGHT Sill End-cap
Embout pour Seuil DROITE



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**

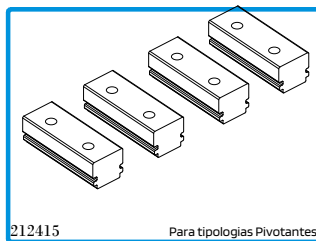
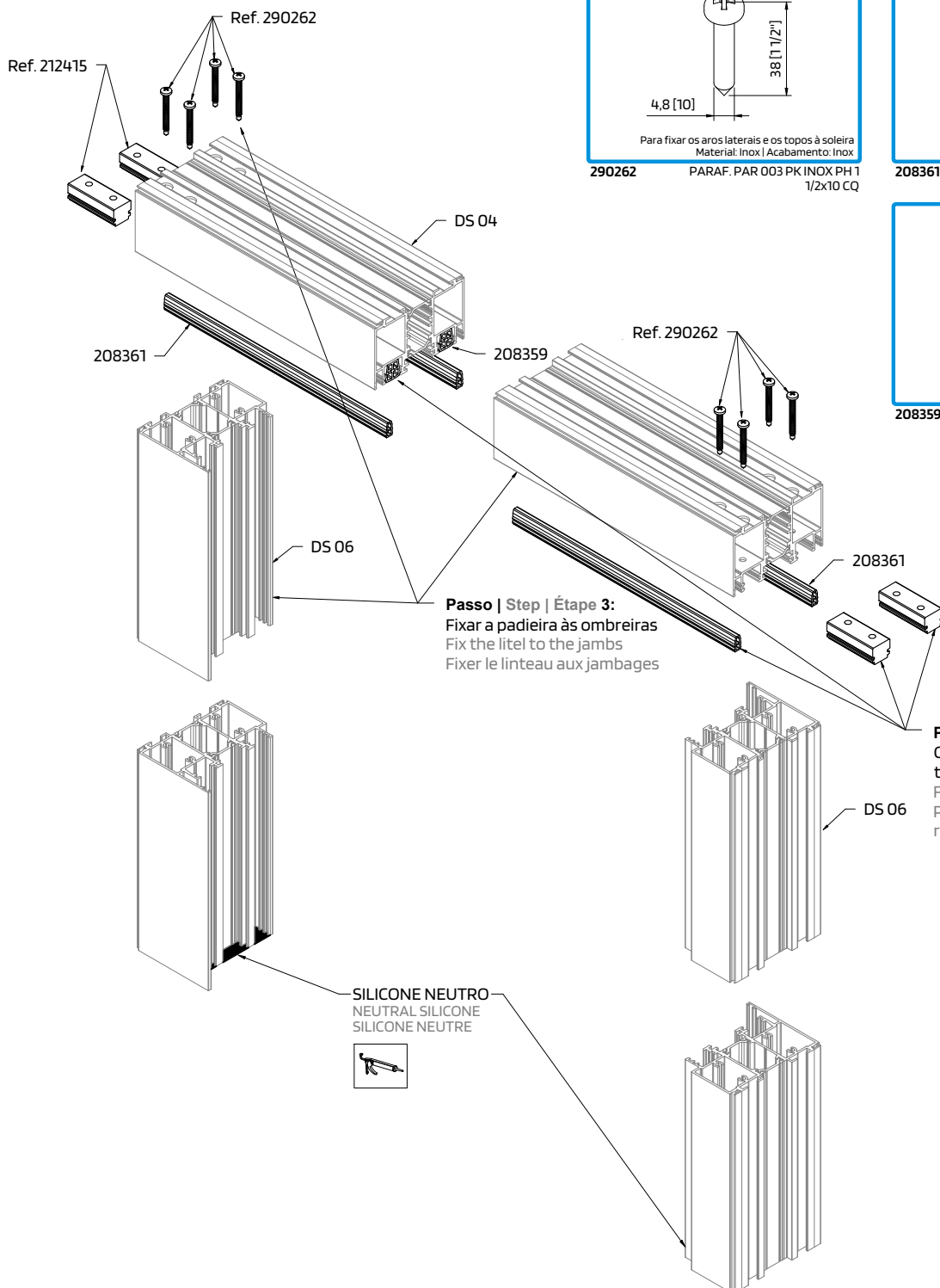
Aros fixos

Fixed frames | Cadres fixes

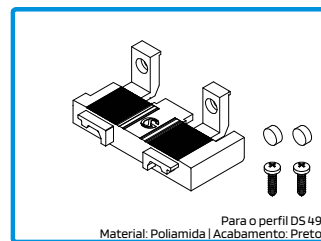


Corte a 90°
90° Cut | Coupe à 90°

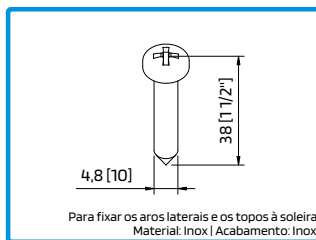
SELAR AS ESQUADRIAS COM COLA E VEDA
SEAL THE MITER JOINTS WITH SEALANT
SCELLER LES CHANFRAINS AVEC MASTIC



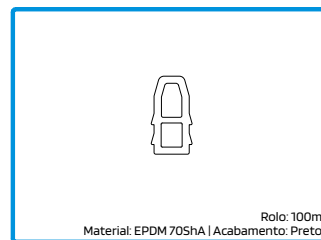
212415 Para tipologias Pivotantes
CONJ. CALÇOS FIXAÇÃO PADIEIRA OMBREIRA DS



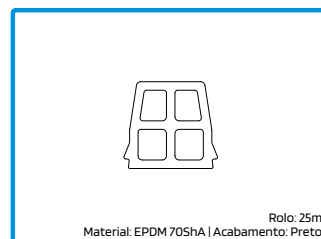
210512 Para o perfil DS 49
Material: Poliamida | Acabamento: Preto
TOPO SOLEIRA DS DIR



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

Passo | Step | Étape 3:
Fixar a padieira às ombreiras
Fix the litle to the jambs
Fixer le linteau aux jambages

Passo | Step | Étape 2:
Colocar os calços e os vedantes tapa canal
Fit shims and channel seals
Poser les cales et les joints de recouvrement du canal

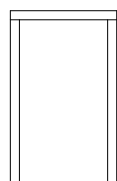
SILICONE NEUTRO
NEUTRAL SILICONE
SILICONE NEUTRE



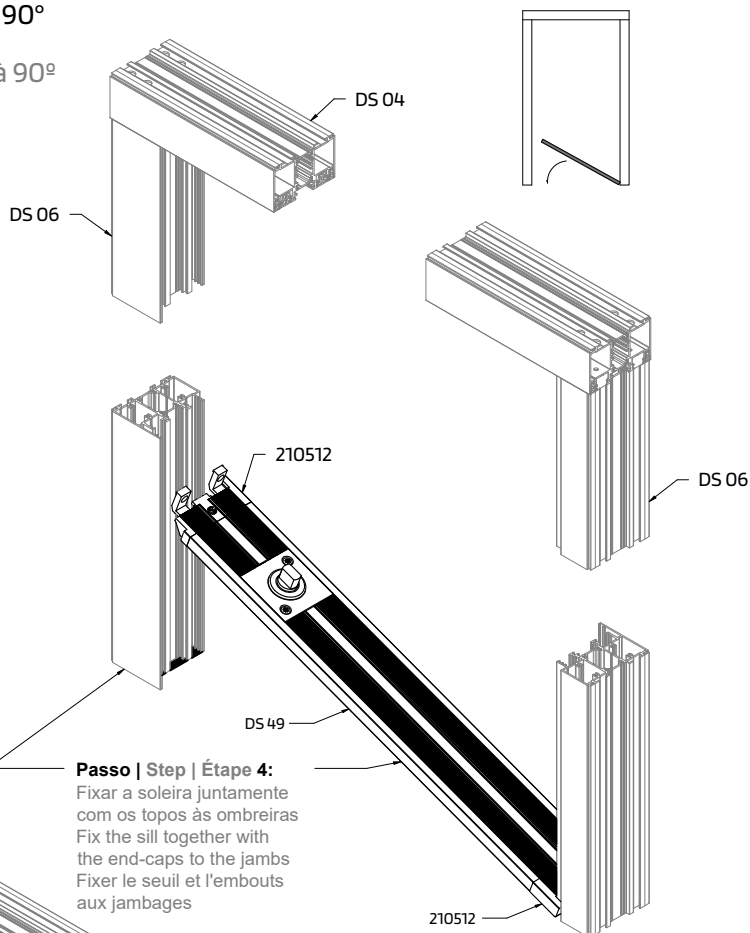
MONTAGEM DE PERFIS - APLICAÇÃO DOS TOPOS NO PERFIL DE SOLEIRA - TIPOLOGIAS PIVOTANTES
PROFILES ASSEMBLY - END-CAPS APPLICATION TO THE SILL PROFILE - **PIVOTING TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS - APPLICATION D'EMBOUTS DANS LES SEUILS - **TIPOLOGIES PIVOTANTES**

Aros fixos

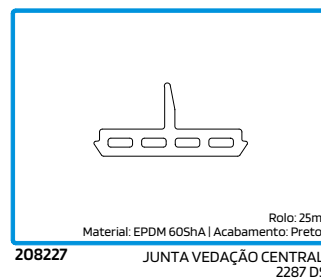
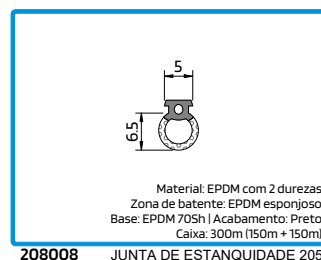
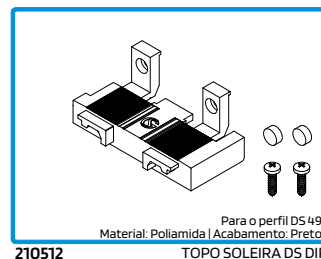
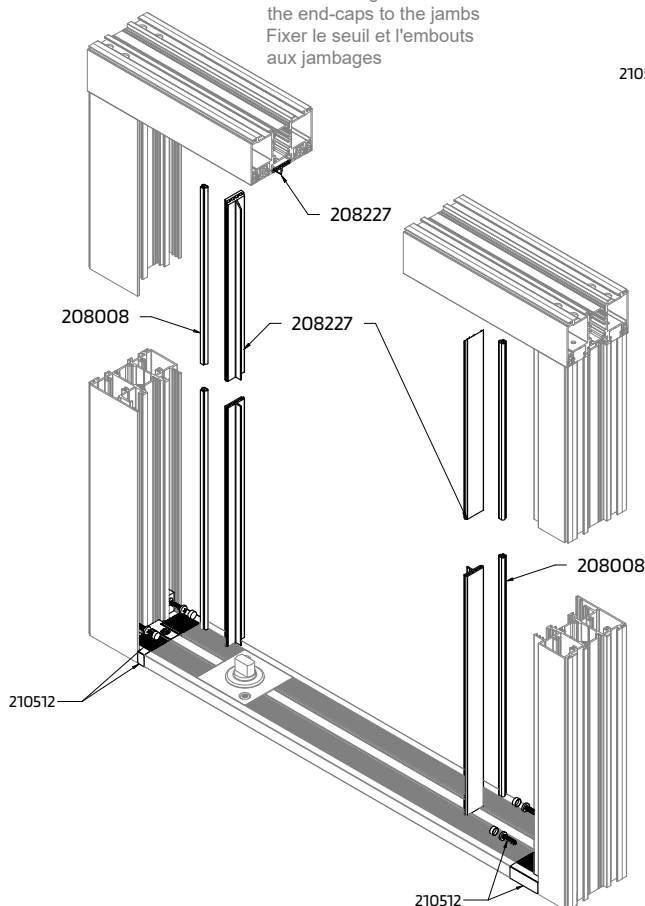
Fixed frames | Cadres fixes



Corte a 90°
90° Cut
Coupe à 90°

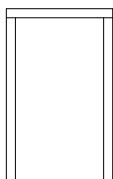


Passo | Step | Étape 4:
Fixar a soleira juntamente com os topos às ombreiras
Fix the sill together with the end-caps to the jambs
Fixer le seuil et l'embouts aux jambages

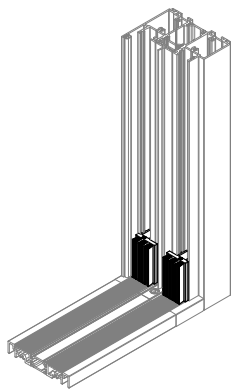
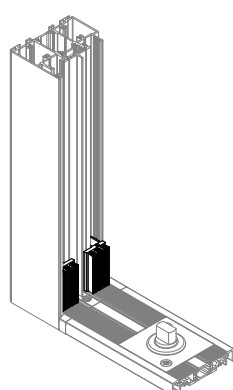
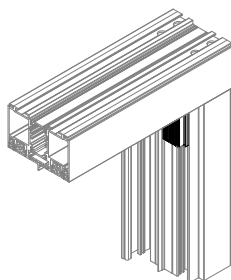
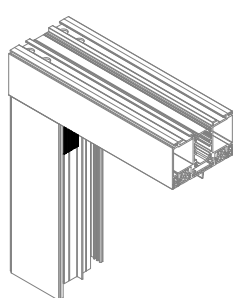
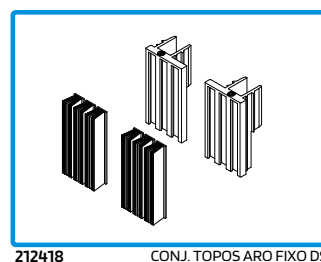
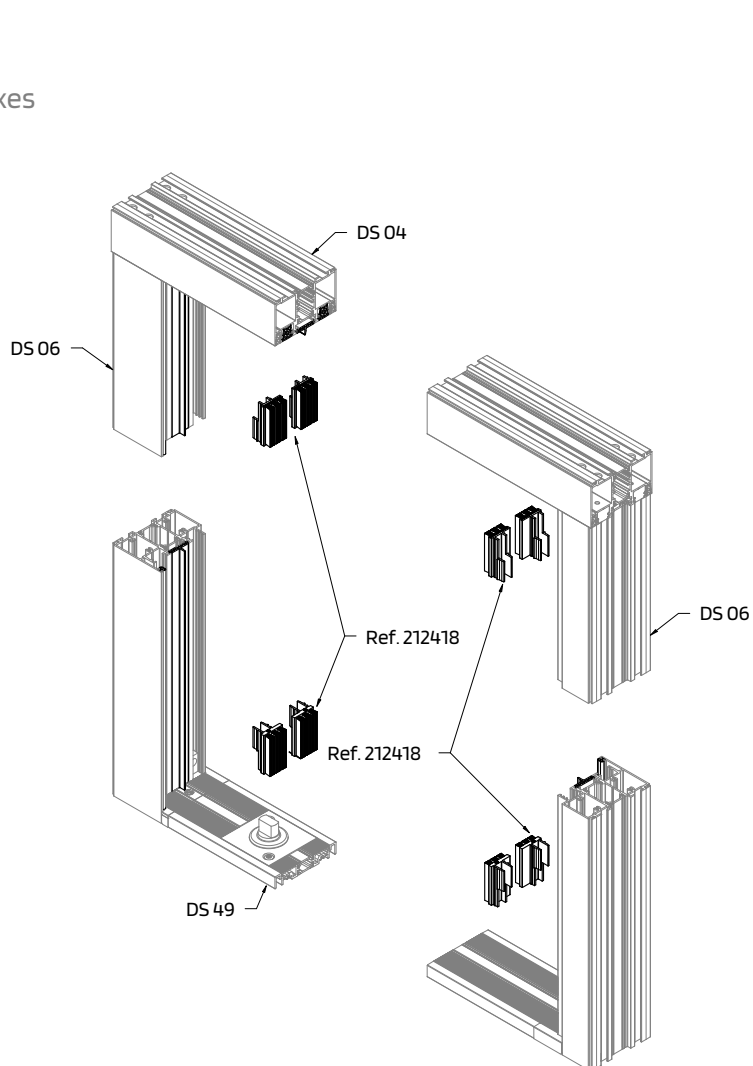


MONTAGEM DE PERFIS - APLICAÇÃO DOS TOPOS NO PERFIL DE SOLEIRA - TIPOLOGIAS PIVOTANTES
PROFILES ASSEMBLY - END-CAPS APPLICATION TO THE SILL PROFILE - **PIVOTING TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS - APPLICATION D'EMBOUTS DANS LES SEUILS - **TIPOLOGIES PIVOTANTES**

Aros fixos
Fixed frames | Cadres fixes



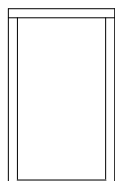
Corte a 90°
90° Cut
Coupe à 90°



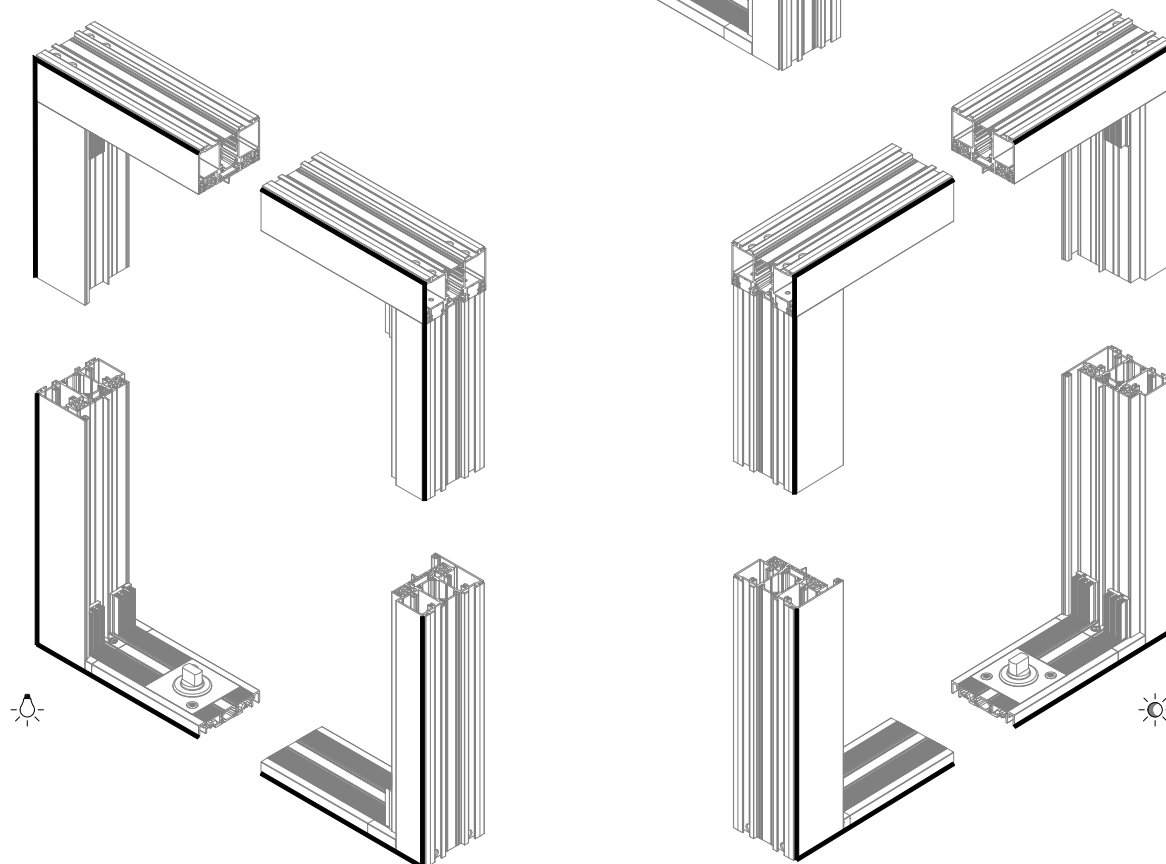
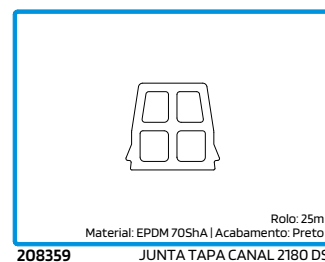
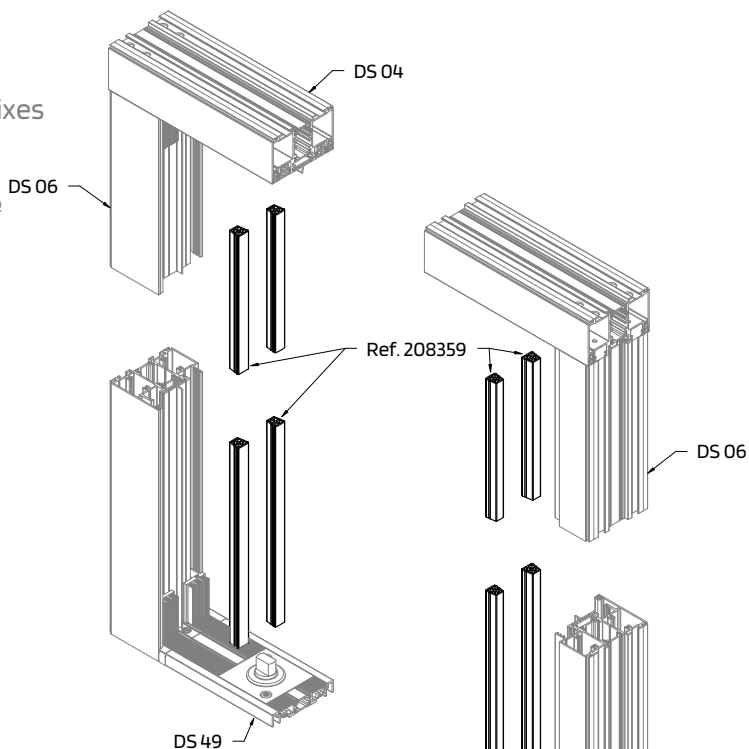
MONTAGEM DE PERFIS - APLICAÇÃO DOS TOPOS NO PERFIL DE SOLEIRA - TIPOLOGIAS PIVOTANTES
PROFILES ASSEMBLY - END-CAPS APPLICATION TO THE SILL PROFILE - **PIVOTING TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS - APPLICATION D'EMBOUTS DANS LES SEUILS - **TYPOLOGIES PIVOTANTES**

Aros fixos

Fixed frames | Cadres fixes



Corte a 90°
90° Cut
Coupe à 90°

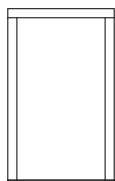


IMPORTANTE | IMPORTANT | IMPORTANT:

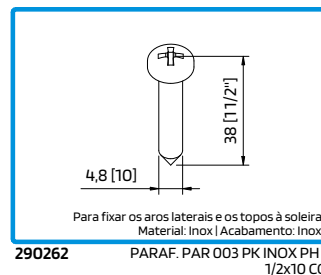
Encher as câmaras com silicone antes de fixar a soleira às ombreiras. Aplicar silicone à cor do perfil ou silicone neutro na zona das esquadrias.
Fill the chambers with silicone before fixing the sill to the jambs. Apply silicone in the colour of the profile or neutral silicone in the corner area
Remplir 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 - **TIPOLOGIES PIVOTANTES**

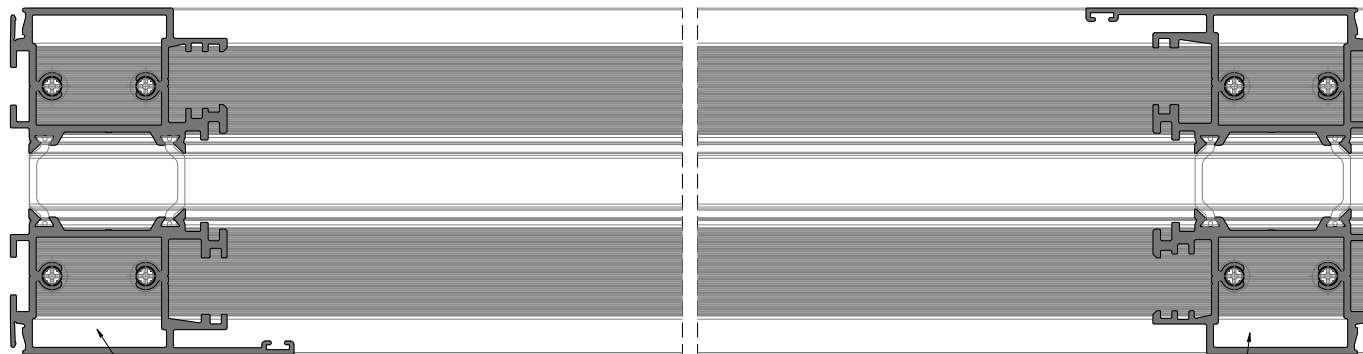
Aros fixos
Fixed frames | Cadres fixes



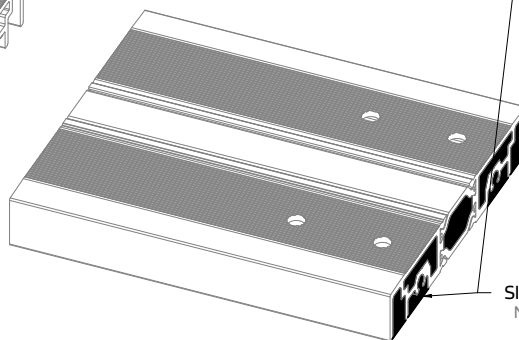
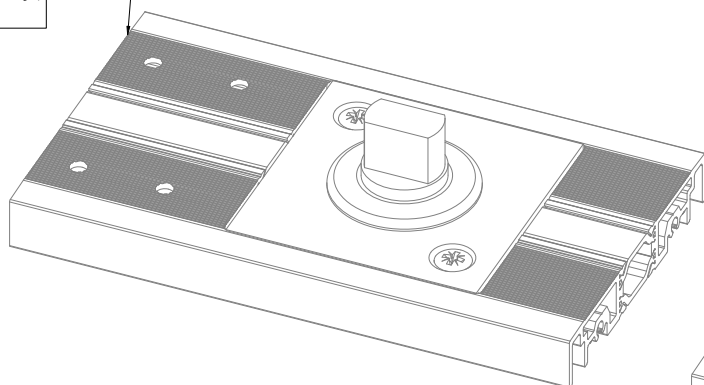
Corte a 90°
90° Cut
Coupe à 90°



Tipologias pivotantes | Pivoting typologies | Typologies à pivotante



SILICONE NEUTRO
NEUTRAL SILICONE
SILICONE NEUTRE



SILICONE NEUTRO
NEUTRAL SILICONE
SILICONE NEUTRE



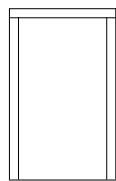
IMPORTANTE | IMPORTANT | IMPORTANT:

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

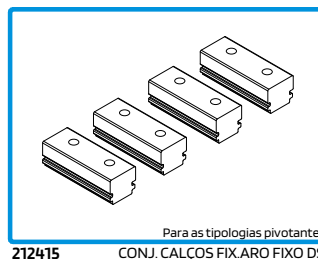
Aros fixos

Fixed frames | Cadres fixes

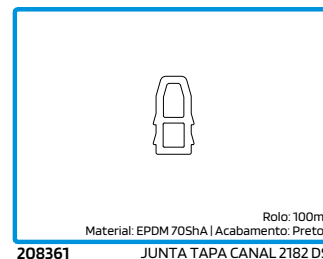


Corte a 90°
90° Cut | Coupe à 90°

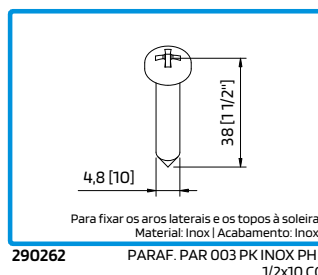
SELAR AS ESQUADRIAS COM COLA E VEDA
SEAL THE MITER JOINTS WITH SEALANT
SCELLER LES CHANFRAINS AVEC MASTIC



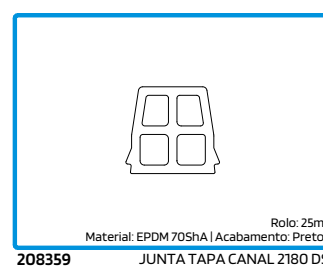
212415 Para as tipologias pivotante
 CONJ. CALÇOS FIX.ARO FIXO DS



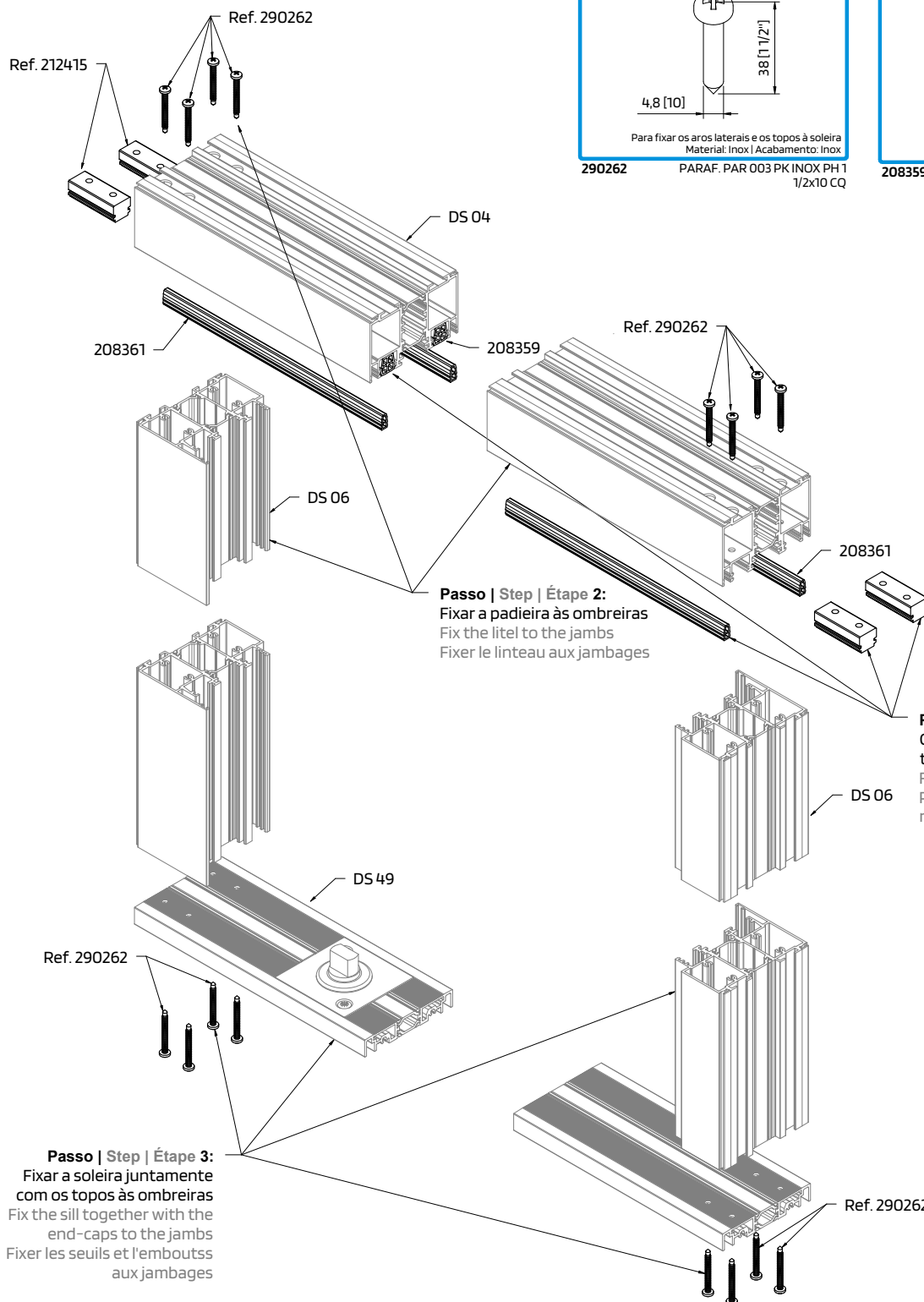
208361 JUNTA TAPA CANAL 2182 DS
 Rolo: 100m
 Material: EPDM 70ShA | Acabamento: Preto



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



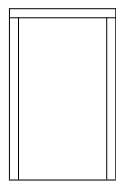
208359 JUNTA TAPA CANAL 2180 DS
 Rolo: 25m
 Material: EPDM 70ShA | Acabamento: Preto



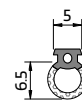
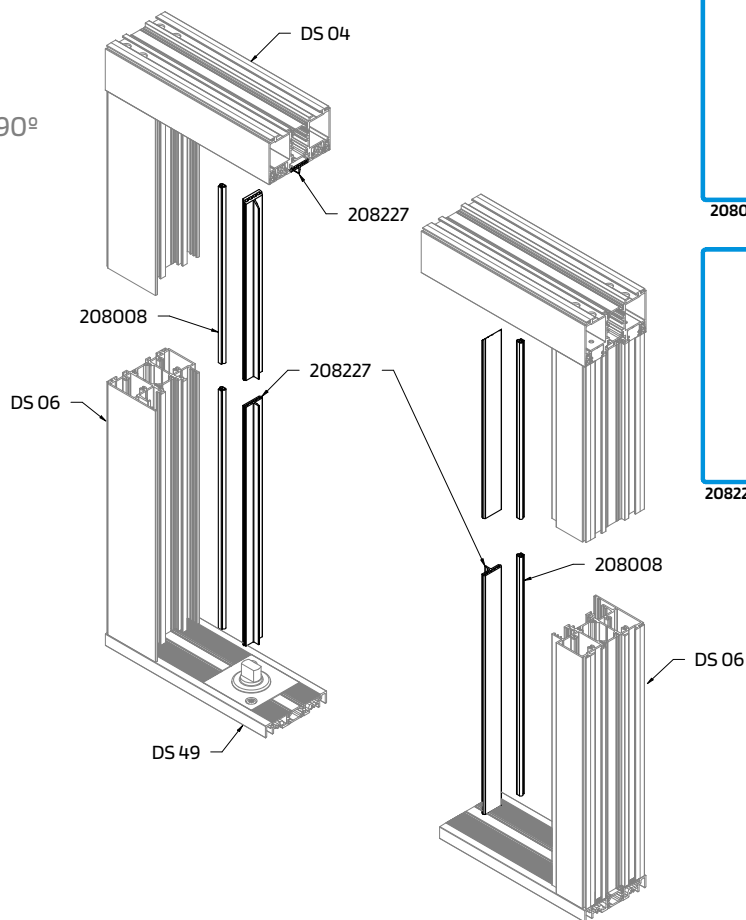
MONTAGEM DE PERFIS E ACESSÓRIOS NO ARO FIXO - TIPOLOGIAS PIVOTANTES
ASSEMBLY OF PROFILES AND ACCESSORIES IN THE FIXED FRAME - **PIVOTING TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS ET DES ACCESSOIRES DANS LE CADRE FIXE - **TYPOLOGIES PIVOTANTES**

Aros fixos

Fixed frames | Cadres fixes



Corte a 90°
90° Cut | Coupe à 90°



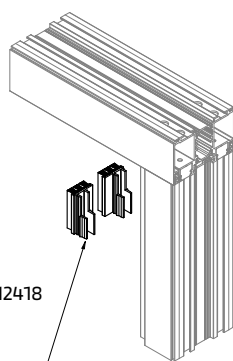
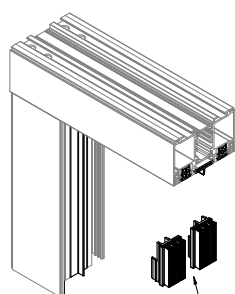
Material: EPDM com 2 durezas
Zona de batente: EPDM esponjoso
Base: EPDM 70Sh | Acabamento: Preto
Caixa: 300m (150m + 150m)

208008 JUNTA DE ESTANQUIDADE 2051



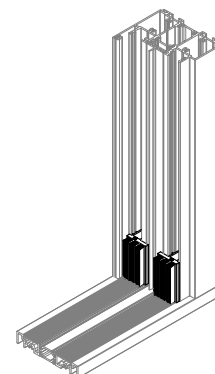
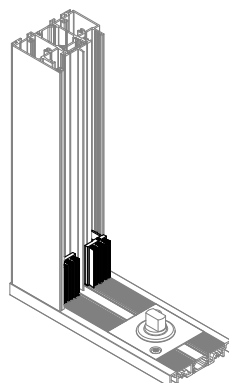
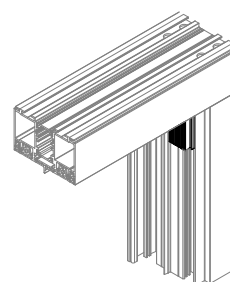
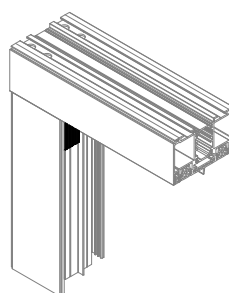
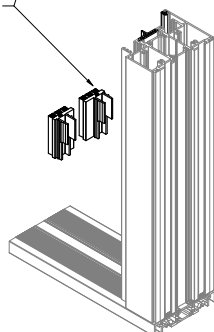
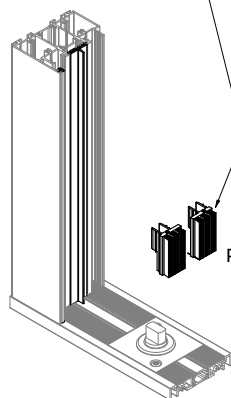
Rolo: 25m
Material: EPDM 60ShA | Acabamento: Preto

208227 JUNTA VEDAÇÃO CENTRAL 2287 DS



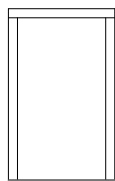
Ref. 212418

Ref. 212418

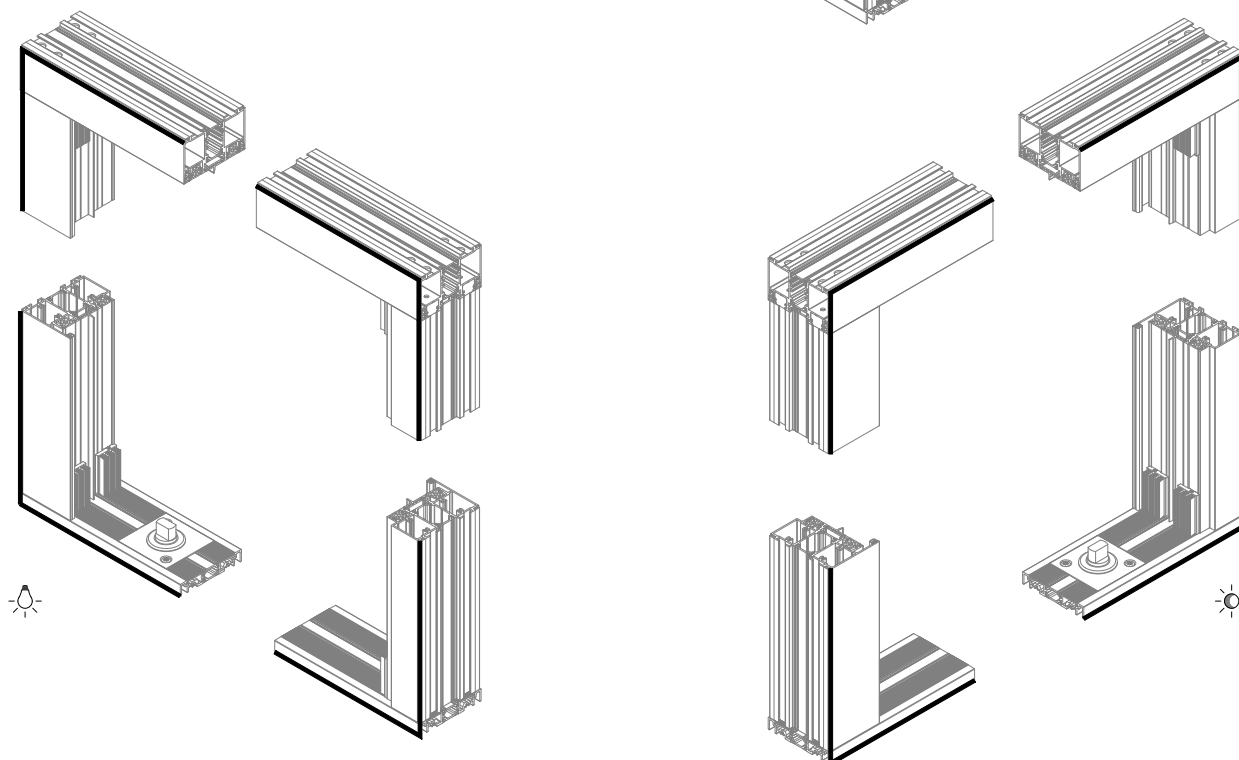
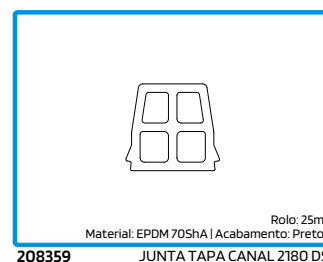
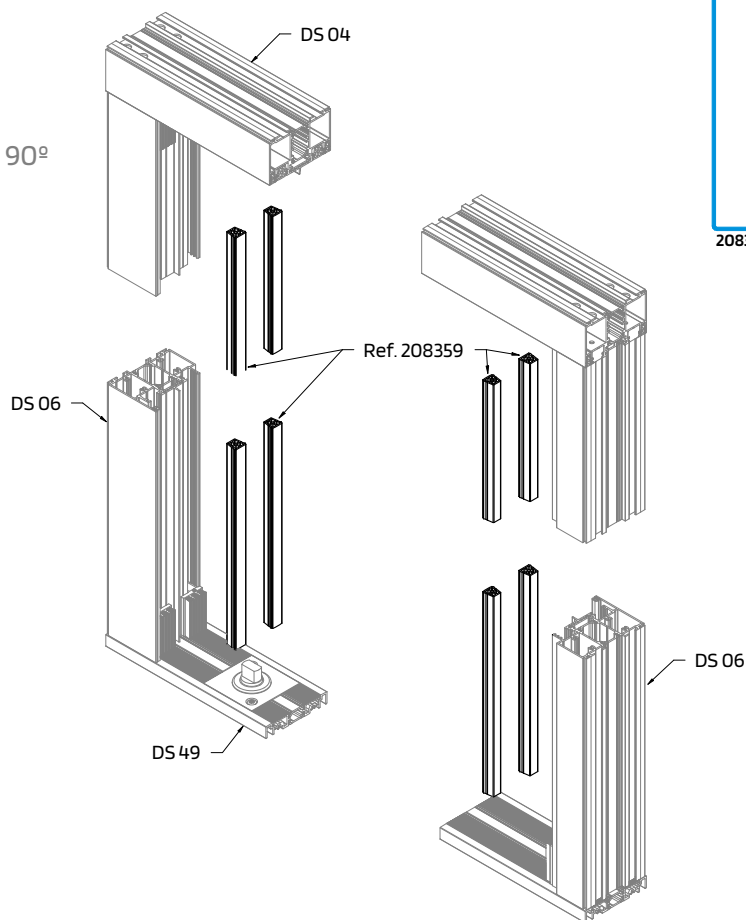


MONTAGEM DE PERFIS E ACESSÓRIOS NO ARO FIXO - TIPOLOGIAS PIVOTANTES
ASSEMBLY OF PROFILES AND ACCESSORIES IN THE FIXED FRAME - **PIVOTING TYPOLOGIES**
ASSEMBLAGE DES PROFILÉS ET DES ACCESSOIRES DANS LE CADRE FIXE - **TIPOLOGIES PIVOTANTES**

Aros fixos
Fixed frames | Cadres fixes



Corte a 90°
90° Cut | Coupe à 90°

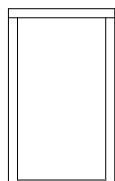


IMPORTANTE | IMPORTANT | IMPORTANT:
Colocar sempre silicone, **à cor ou neutro**, pelo interior e exterior
Always apply silicone, coloured or neutral, inside and outside
Toujours appliquer du silicone, coloré ou neutre, à l'intérieur et à l'extérieur

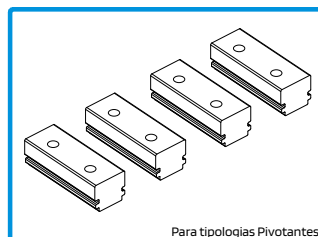
MONTAGEM DO ARO FIXO - TIPOLOGIAS PIVOTANTES
FIXED FRAME ASSEMBLY - PIVOTING TYPOLOGIES
ASSEMBLAGE DES DORMANTS - TYPOLOGIES PIVOTANTES

Aros fixos

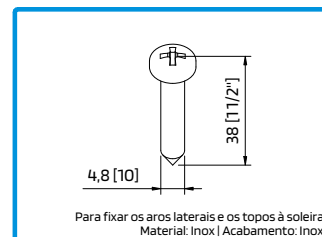
Fixed frames | Cadres fixes



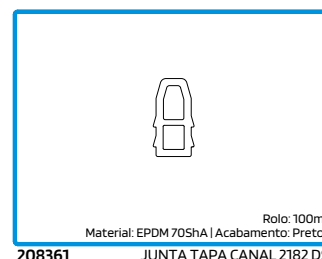
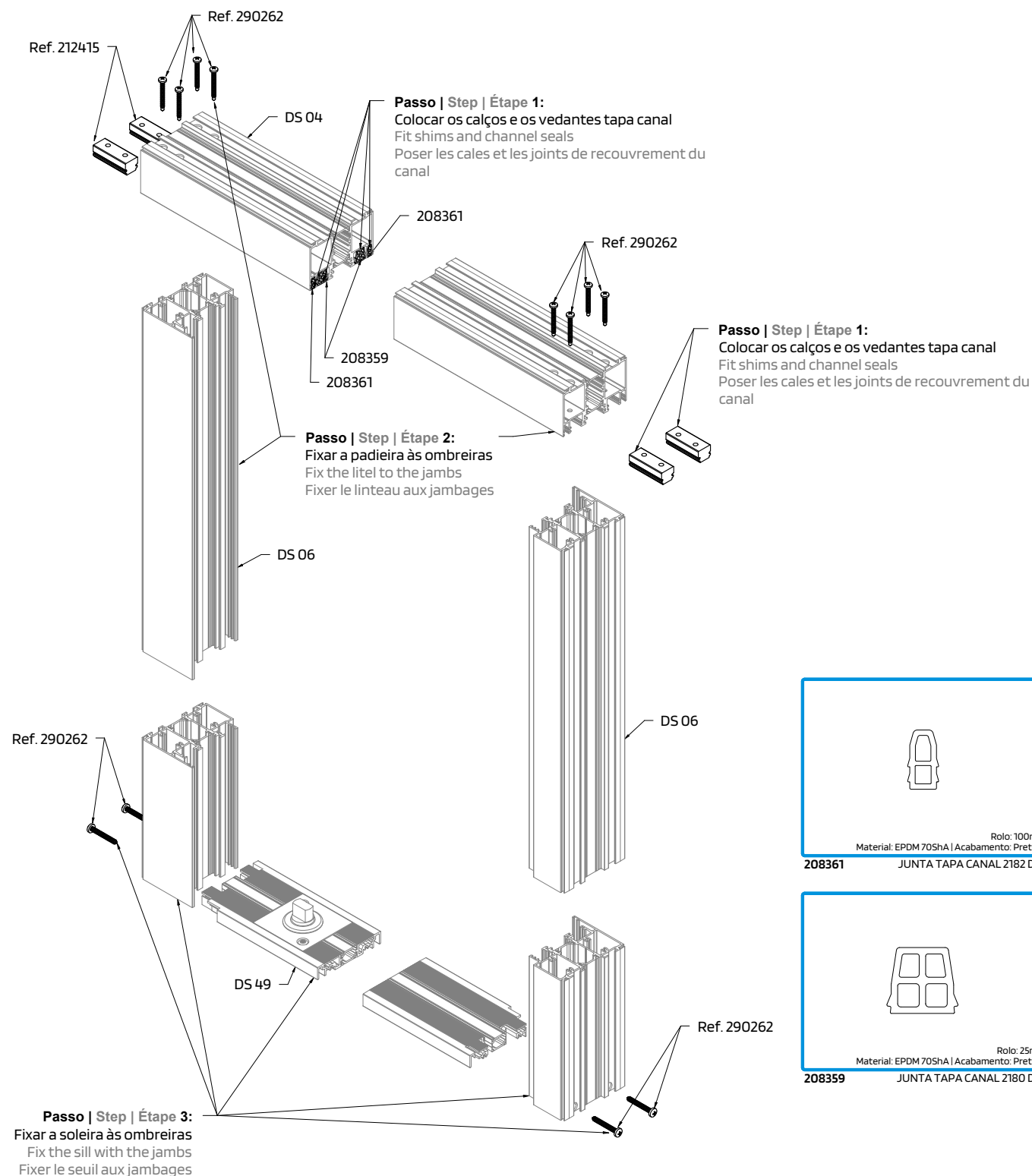
Corte a 90°
90° Cut | Coupe à 90°



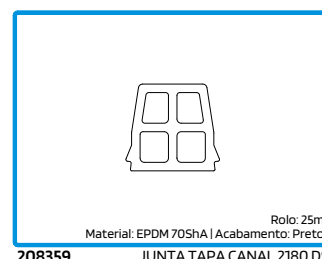
212415 CONJ. CALÇOS FIXAÇÃO PADIEIRA OMBREIRA DS



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



208361 JUNTA TAPA CANAL 2182 DS



208359 JUNTA TAPA CANAL 2180 DS

MONTAGEM DE PERFIS - APLICAÇÃO DE ESQUADROS EM AROS MÓVEIS

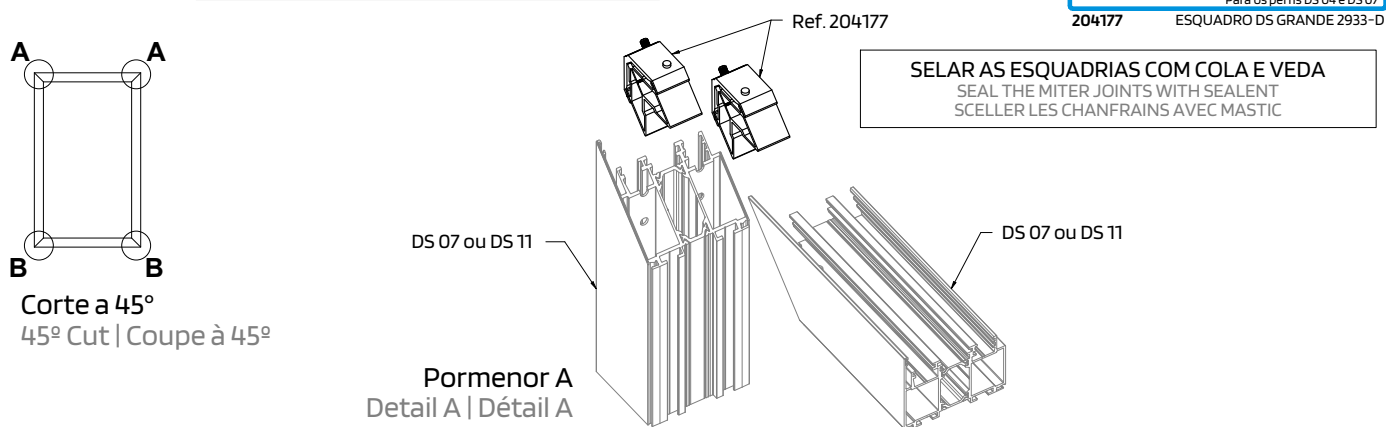
PROFILES ASSEMBLY - CORNER CLEATS APPLICATION IN MOBILE FRAMES

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

Aros móveis - TIPOLOGIAS DE BATENTE 1 FOLHA

Mobile frames - 1 SASH SIDE-HINGED TYPOLOGIES

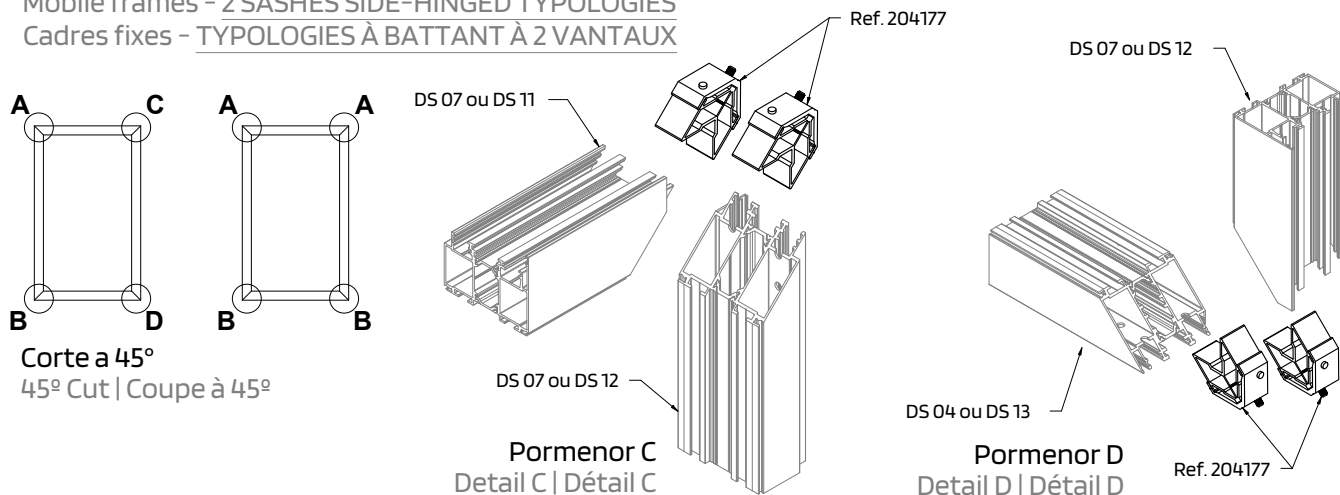
Cadres fixes - TYPOLOGIES À BATTANT À 1 VANTAIL



Aros móveis - TIPOLOGIAS DE BATENTE 2 FOLHAS

Mobile frames - 2 SASHES SIDE-HINGED TYPOLOGIES

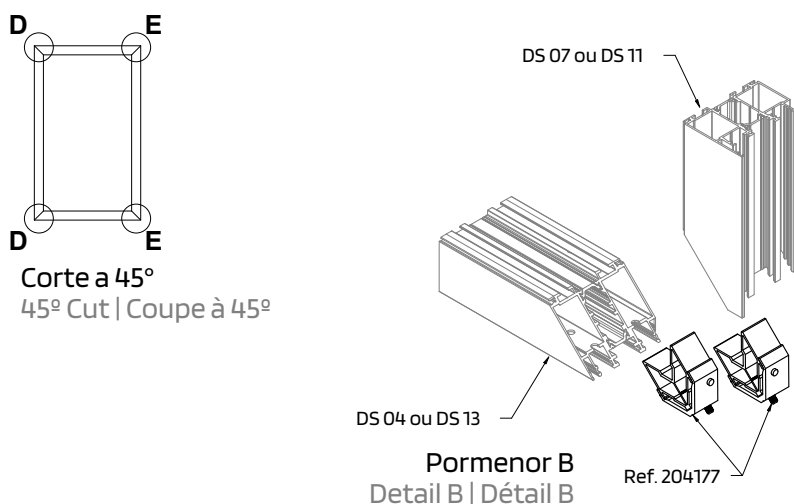
Cadres fixes - TYPOLOGIES À BATTANT À 2 VANTAUX



Aros móveis - TIPOLOGIAS PIVOTANTES

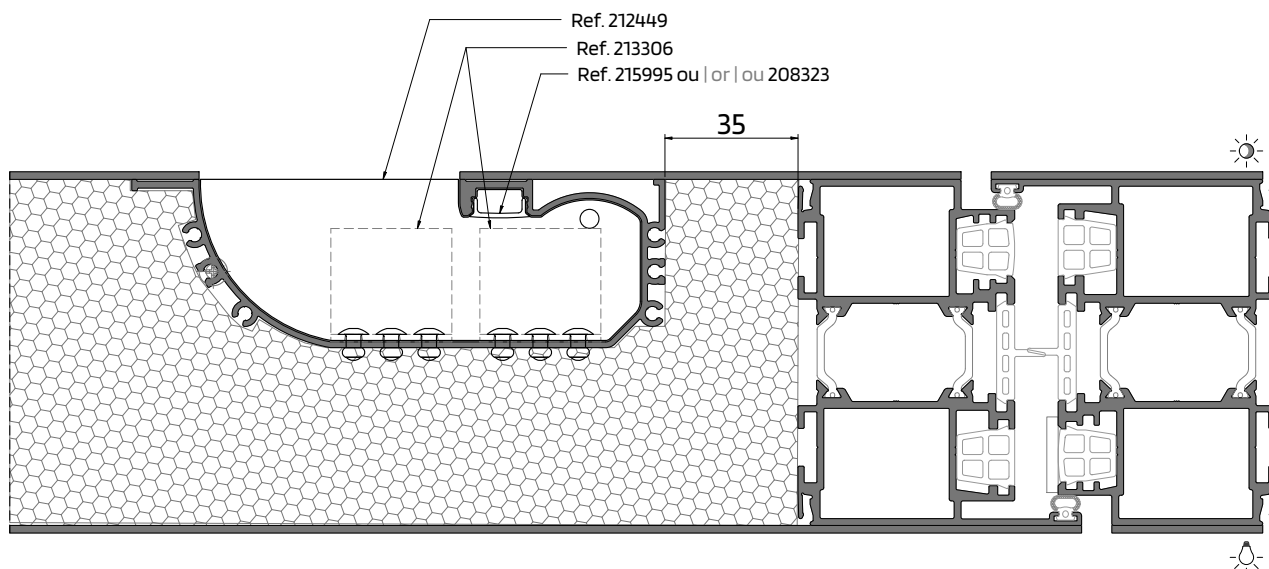
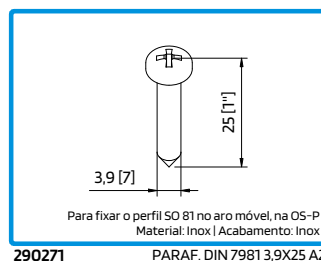
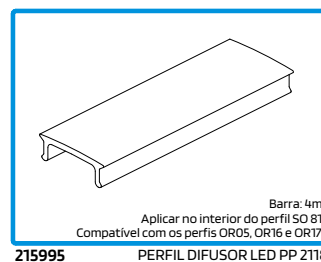
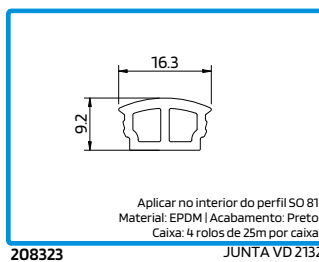
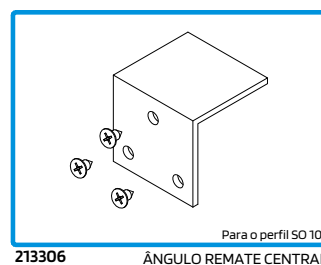
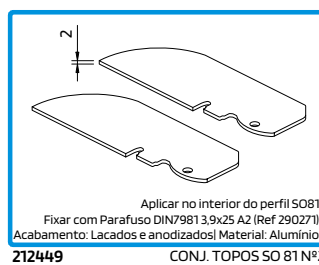
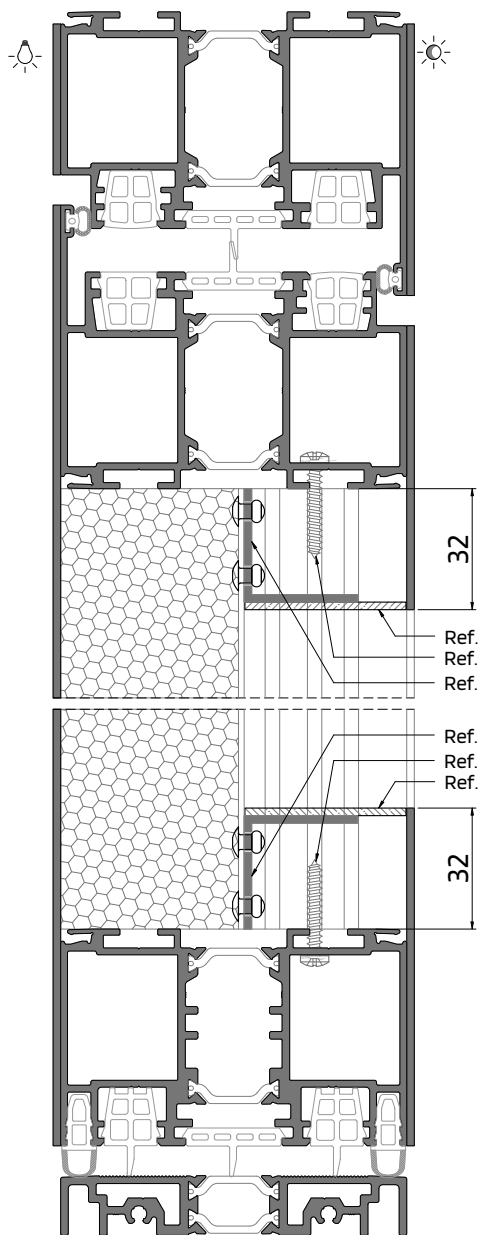
Mobile frames - PIVOTING TYPOLOGIES

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

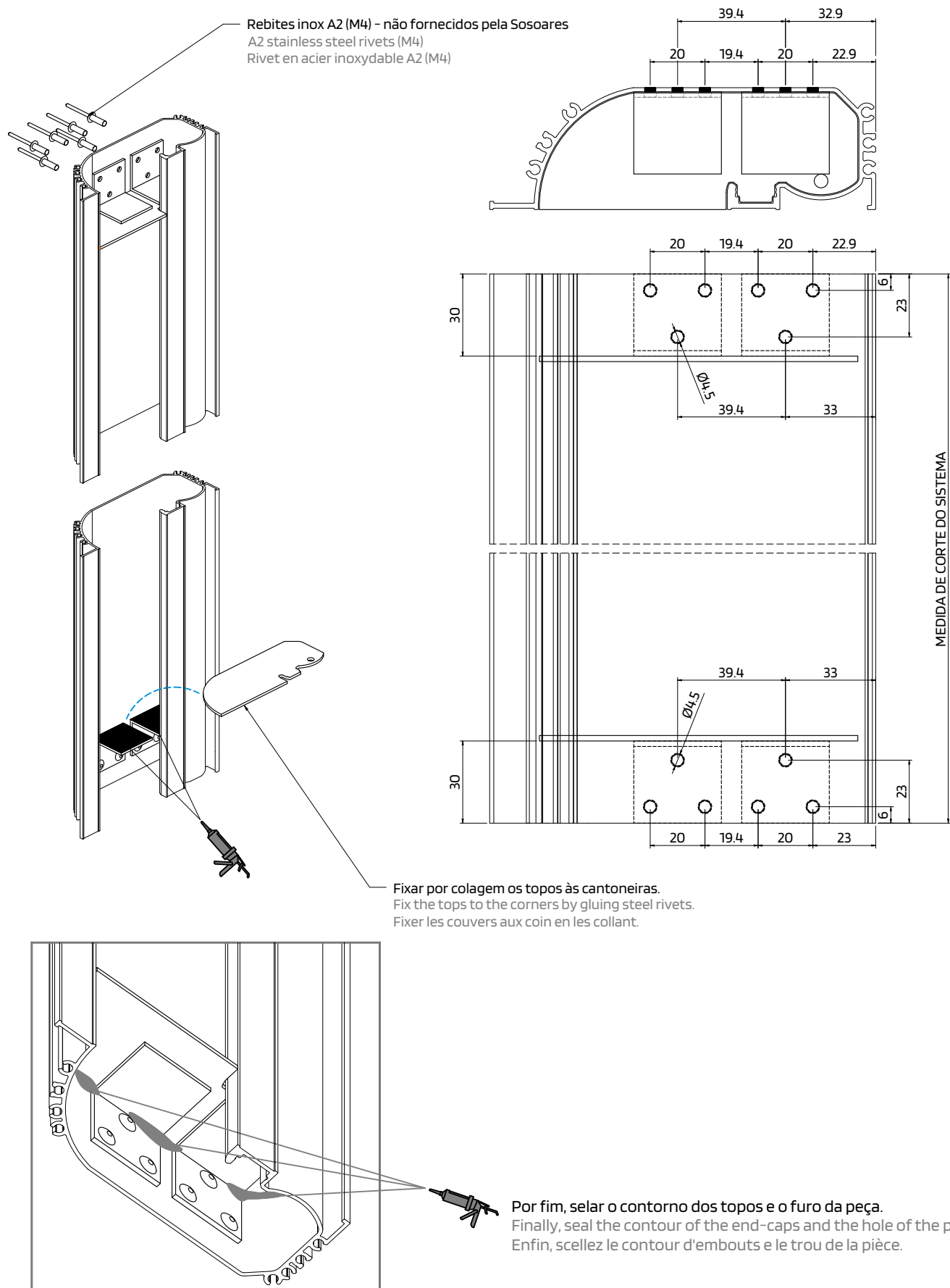
SO 81 PROFILE ASSEMBLY

ASSAMBLAGE DU PROFILÉ SO 81

Esquema de aplicação dos topos e cantoneiras de fixação

Application diagram of fixing top ends and corner

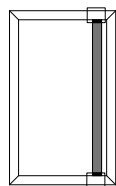
Schéma d'application des extrémités et des coins de fixation



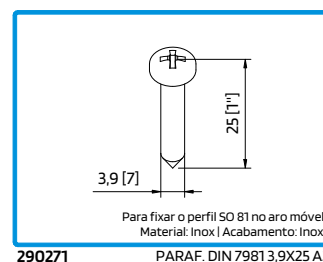
MONTAGEM DO PERFIL SO 81
SO 81 PROFILE ASSEMBLY
ASSAMBLAGE DU PROFILÉ SO 81

Aros móveis

Mobile frames | Cadres ouvrants

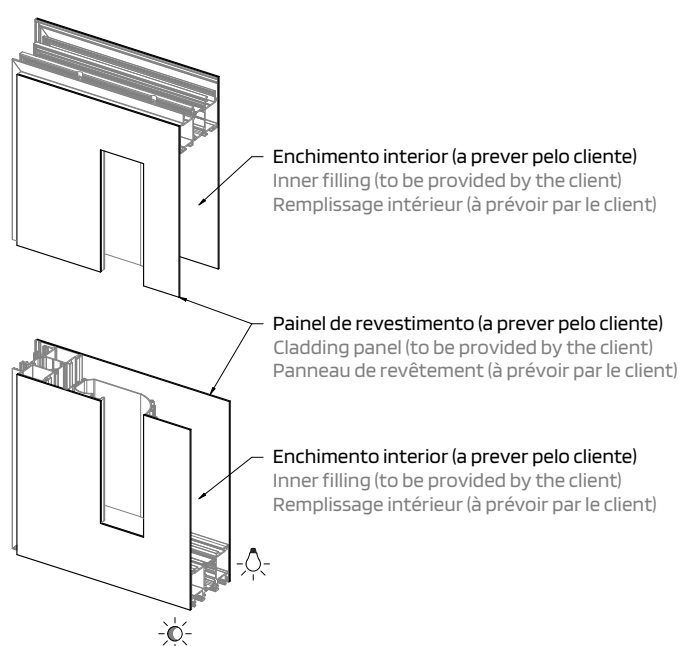
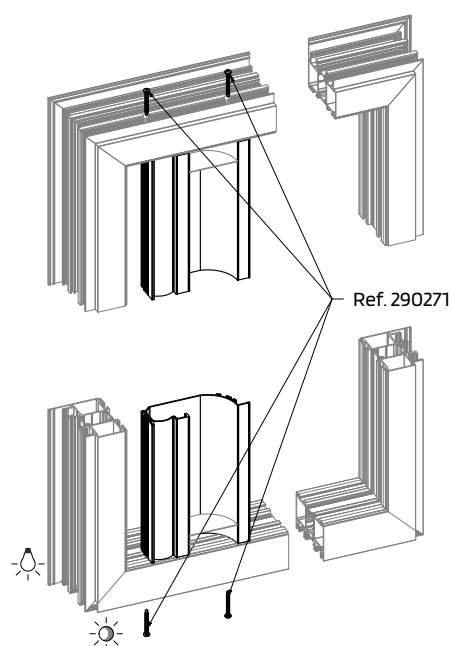


Corte a 45°
45° Cut | Coupe à 45°



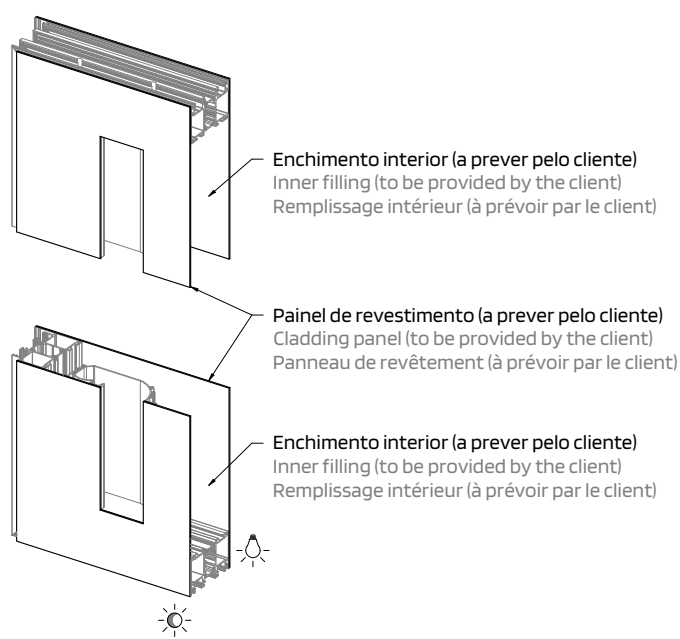
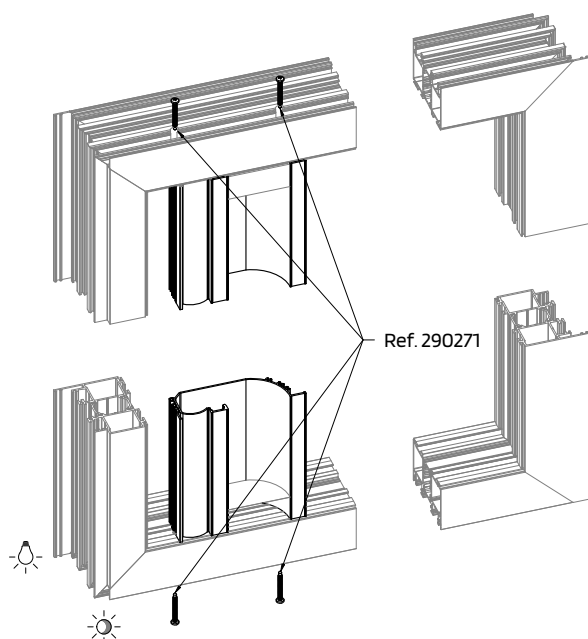
Tipologias de batente

Side-hinged typologies | Typologies à battant



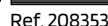
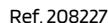
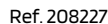
Tipologias pivotantes

Pivoting typologies | Typologies pivotantes

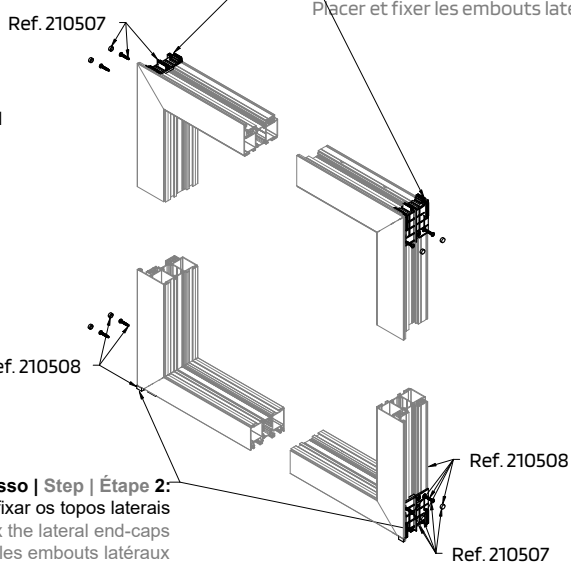


APPLICATION DE JOINTS ET D'EMBOUTS SUR LES CADRES OUVRANTS - POUR TYPOLOGIES À BATTANT 1 VANTAIL

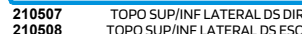
Mobile frames - SIDE-HINGED TYPOLOGIES | Cadres ouvrants - TYPOLOGIES À BATTANT



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

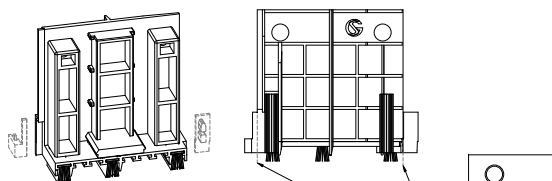
For 1 sash side-hinged typologies

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

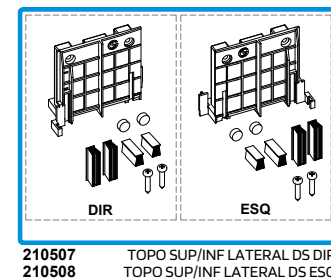
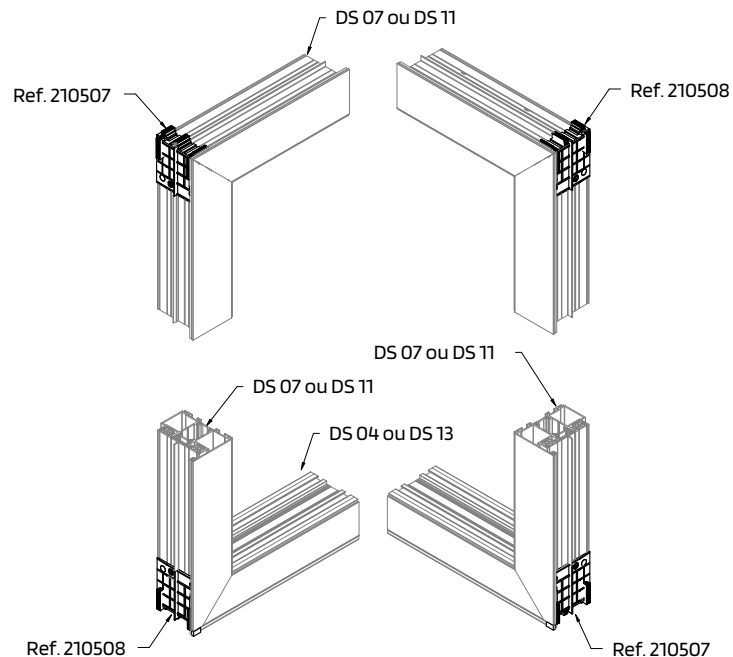
Pour les types à battant, l'embouts supérieurs doivent être coupés.



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



CORTAR POR AQUI
CUT HERE | COUPER ICI



210507
210508

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

LATERAL END-CAPS APPLICATION - MOBILE FRAME

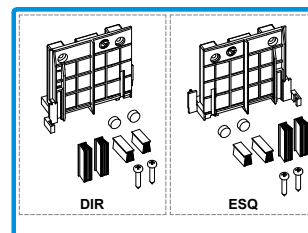
ASSEMBLAGE D'EMBOUTS LATÉRAUX - CADRE OUVRANT

For 2 sashes side-hinged typologies

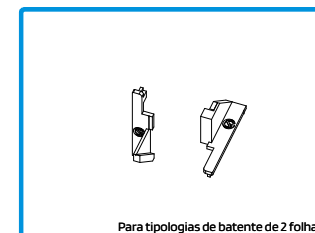
Pour typologies à battant 2 vantaux

In hinged typologies, the tops must be cut off

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



210507	TOPO SUP/INF LATERAL DS D
210508	TOPO SUP/INF LATERAL DS ES



212417 CONJ. TOPOS SUPERIOR
2 FOLHAS D

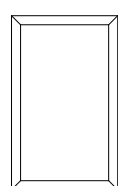
APLICAÇÃO DOS VEDANTES E TOPOS NAS FOLHAS MÓVEIS - PARA TIPOLOGIAS DE BATENTE 1 FOLHA

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

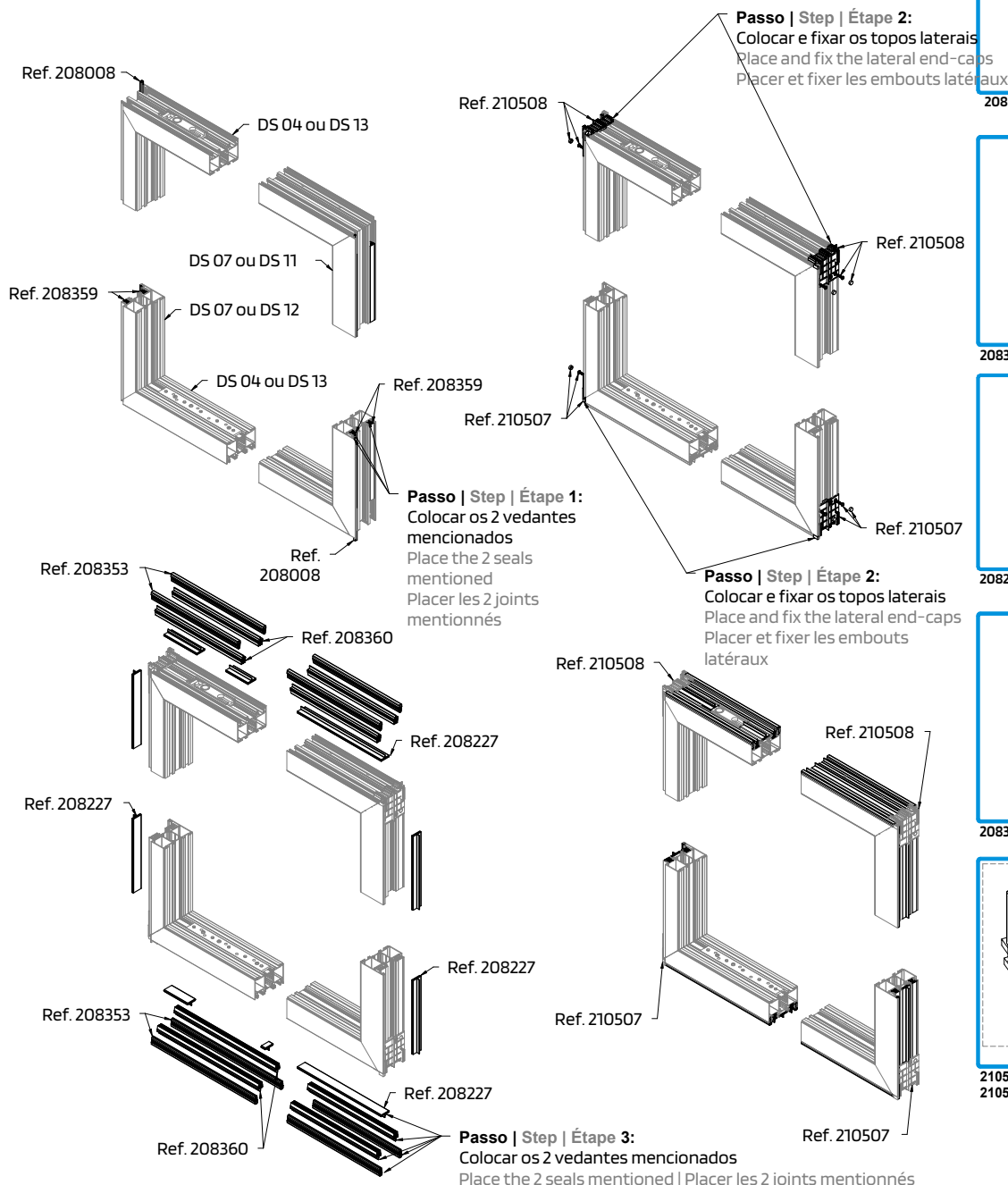
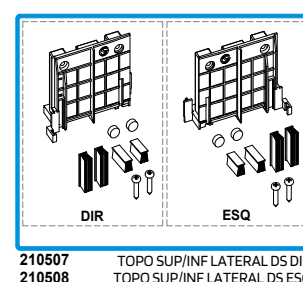
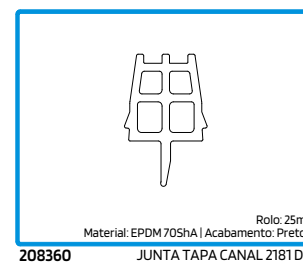
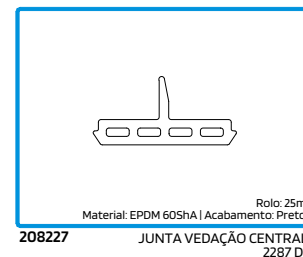
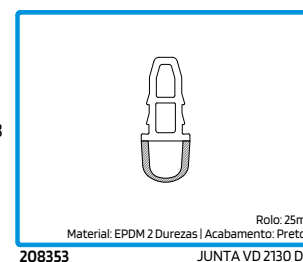
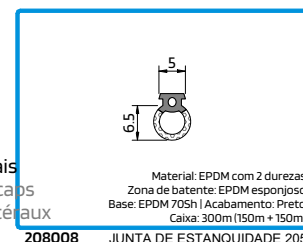
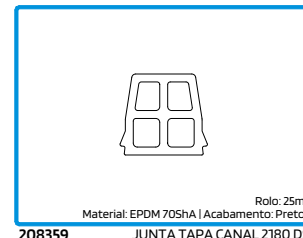
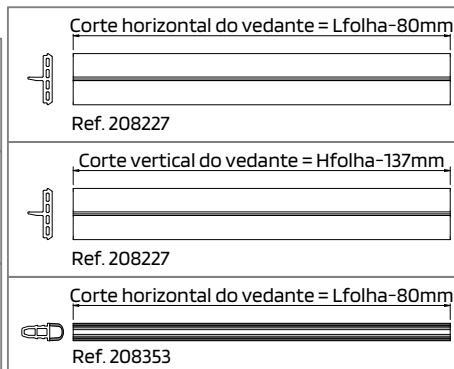
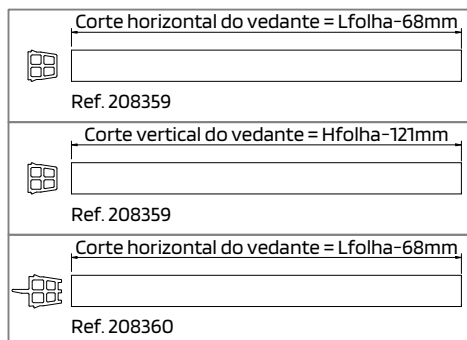
APPLICATION DE JOINTS ET D'EMBOUS SUR LES CADRES OUVRANTS - POUR TYPOLOGIES À BATTANT 1 VANTAIL

Aros móveis - TIPOLOGIAS PIVOTANTES

Mobile frames - PIVOTING TYPOLOGIES | Cadres ouvrants - TYPOLOGIES PIVOTANTES

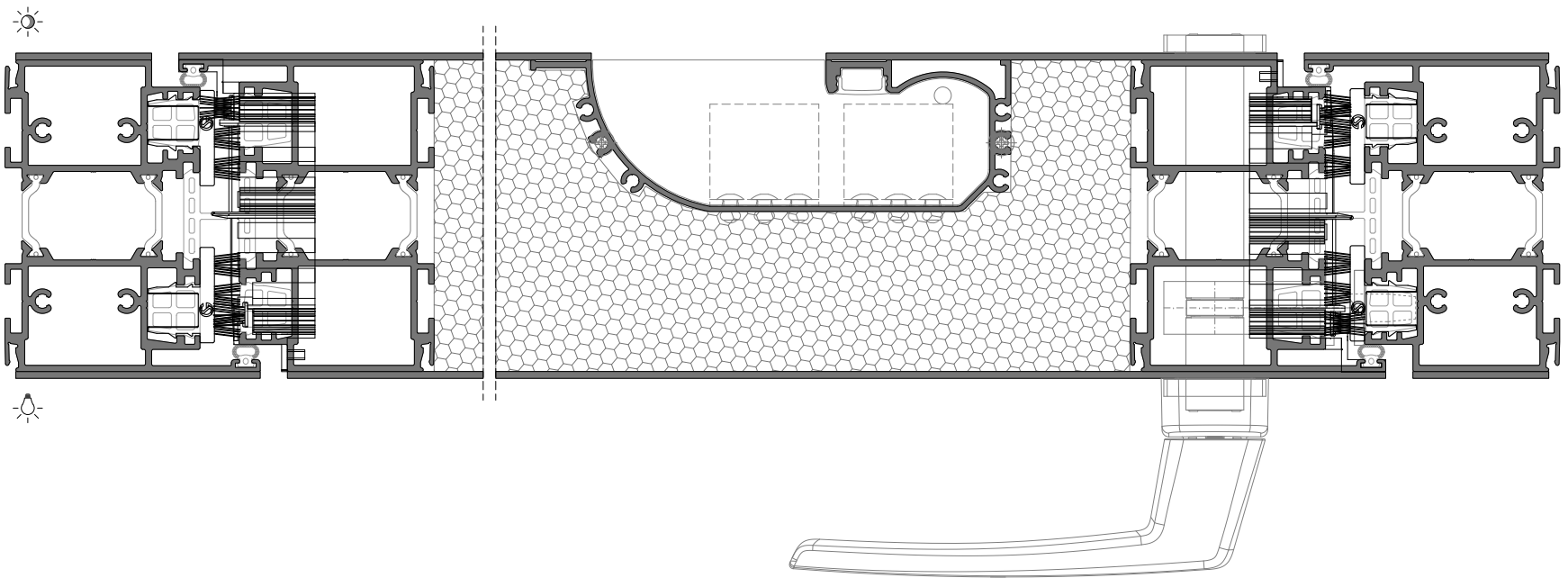
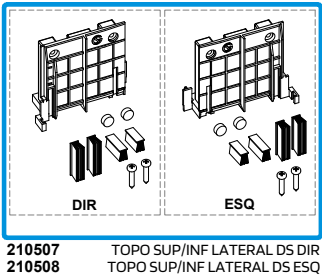
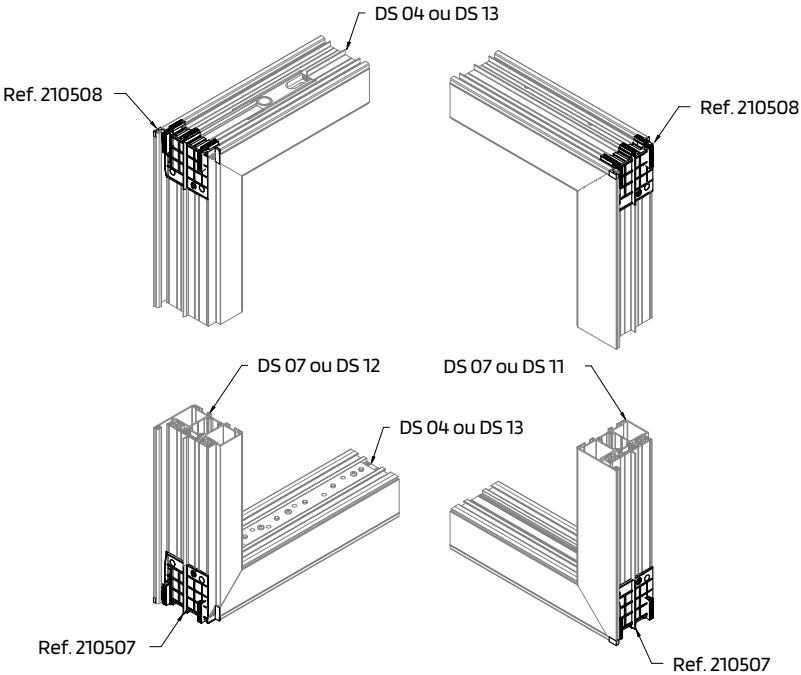


Corte a 45°
45° Cut | Coupe à 45°



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

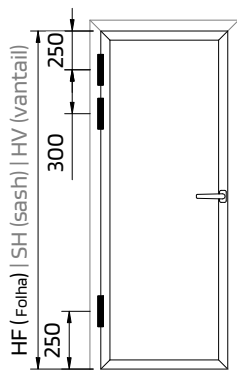
Para tipologias pivotantes
 For pivoting typologies
 Pour typologies pivotantes



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:

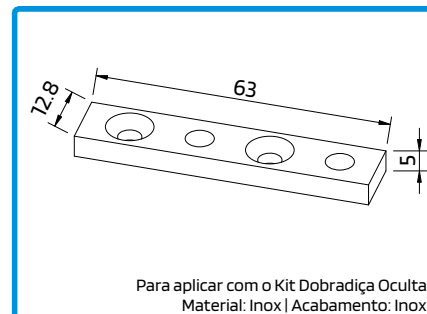
- 100 Kg: 2 paumelles
- 140 Kg: 3 paumelles



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%	
	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400

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

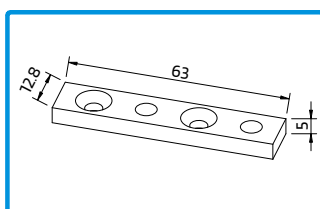
ASSEMBLAGE DE LA PAUMELLE CACHÉE - APPLICATION SUR LE CADRE FIXE



202109

DOBRADIÇA OCULTA SOLID

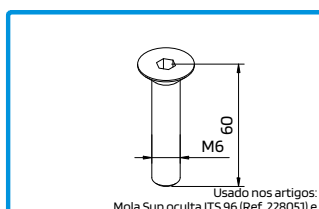
Peso máximo: 2 Dob. = 100Kg | 3 Dob. = 140Kg
Acabamento: Prata



215504

PEÇA FIXAÇÃO DOB. OC. SOLID

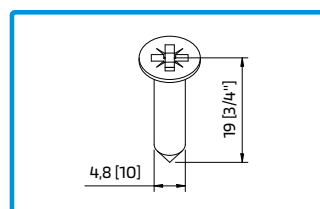
Para aplicar com o Kit Dobradiça Oculta
Material: Inox | Acabamento: Inox



290149

PARAFUSO DIN7991 M6X60 INOX A2

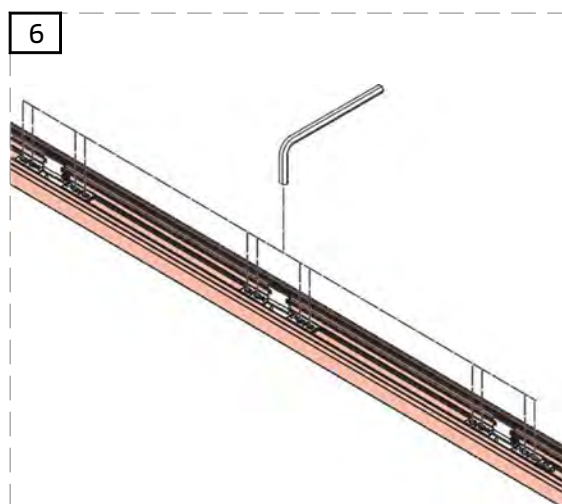
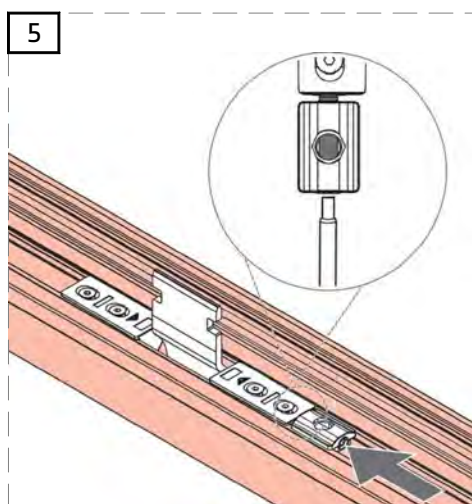
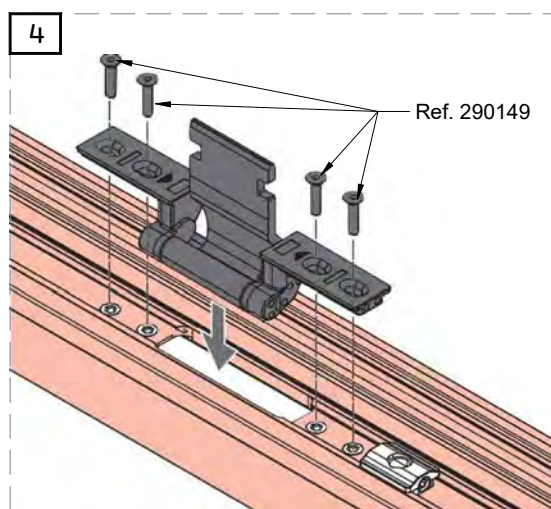
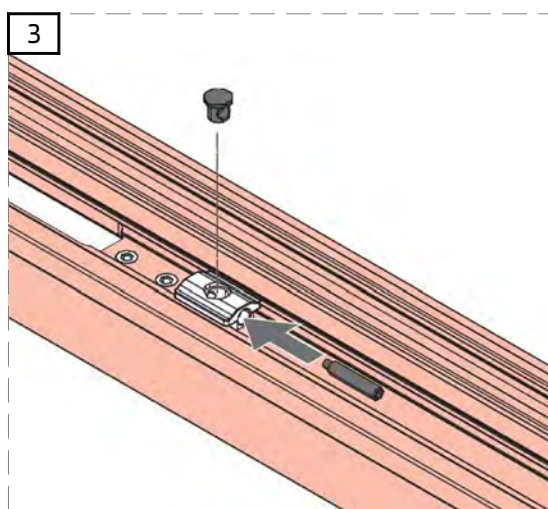
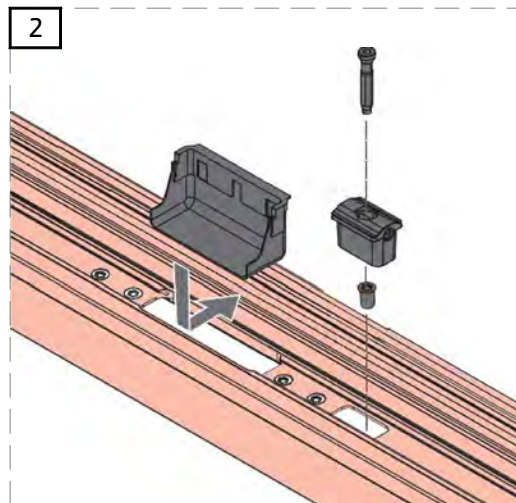
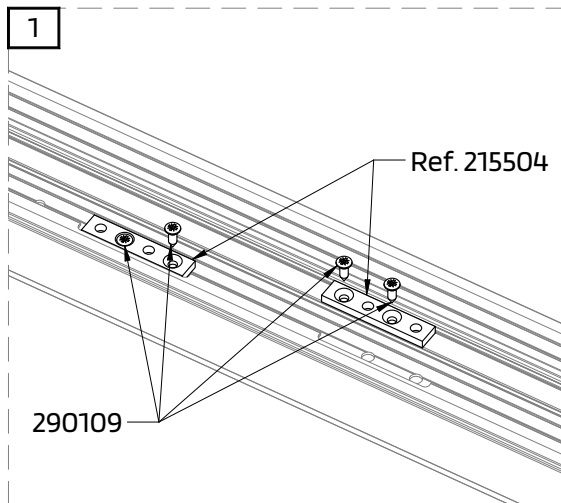
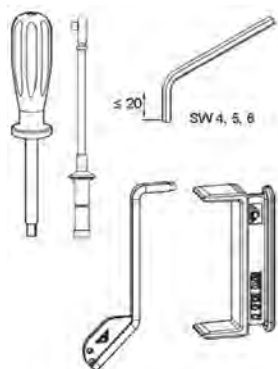
Usado nos artigos:
Mola Sup oculta ITS 96 (Ref. 228051) e
no Kit Dobradiça Oculta
Material: Inox | Acabamento: Inox



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

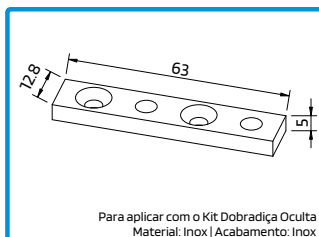
CONCEALED HING ASSEMBLY - APPLICATION ON MOBILE FRAME

ASSEMBLAGE DE LA PAUMELLE CACHÉE - APPLICATION SUR LE CADRE OUVRANT



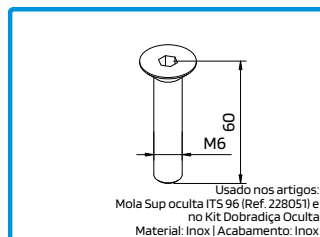
202109

DOBRADIÇA OCULTA SOLID



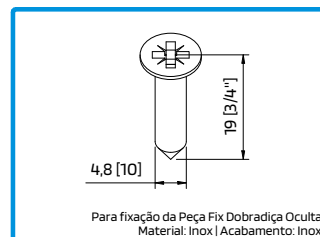
215504

PEÇA FIXAÇÃO DOB. OC. SOLID



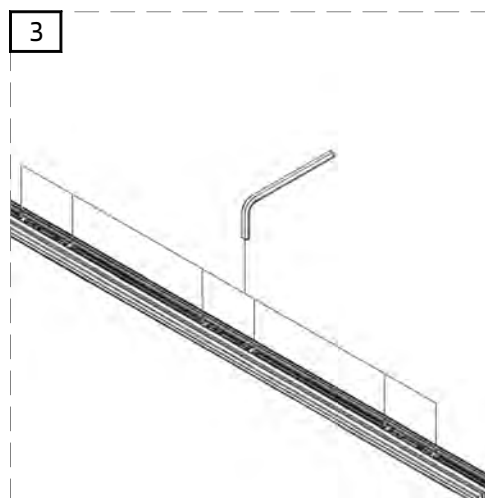
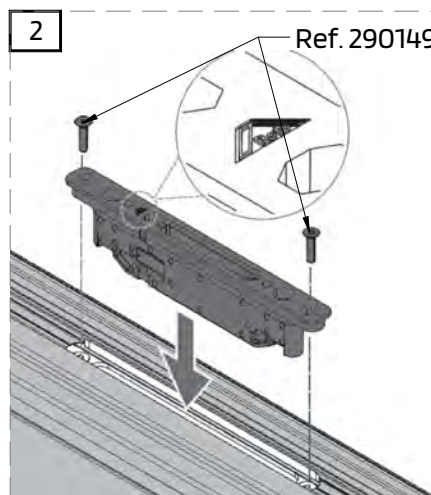
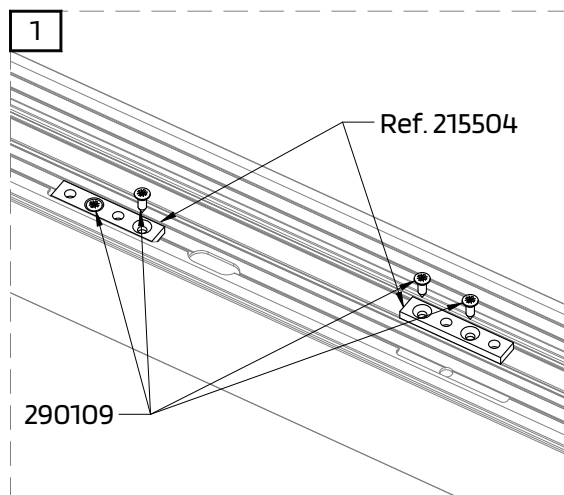
290149

PARAFUSO DIN7991 M6X60 INOX A2



290109

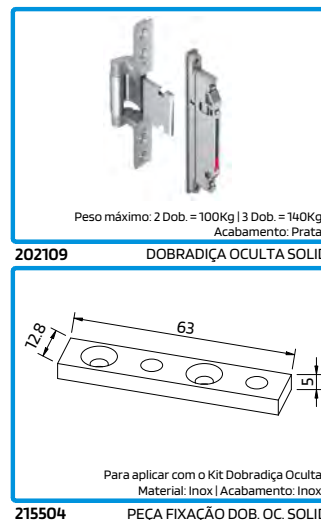
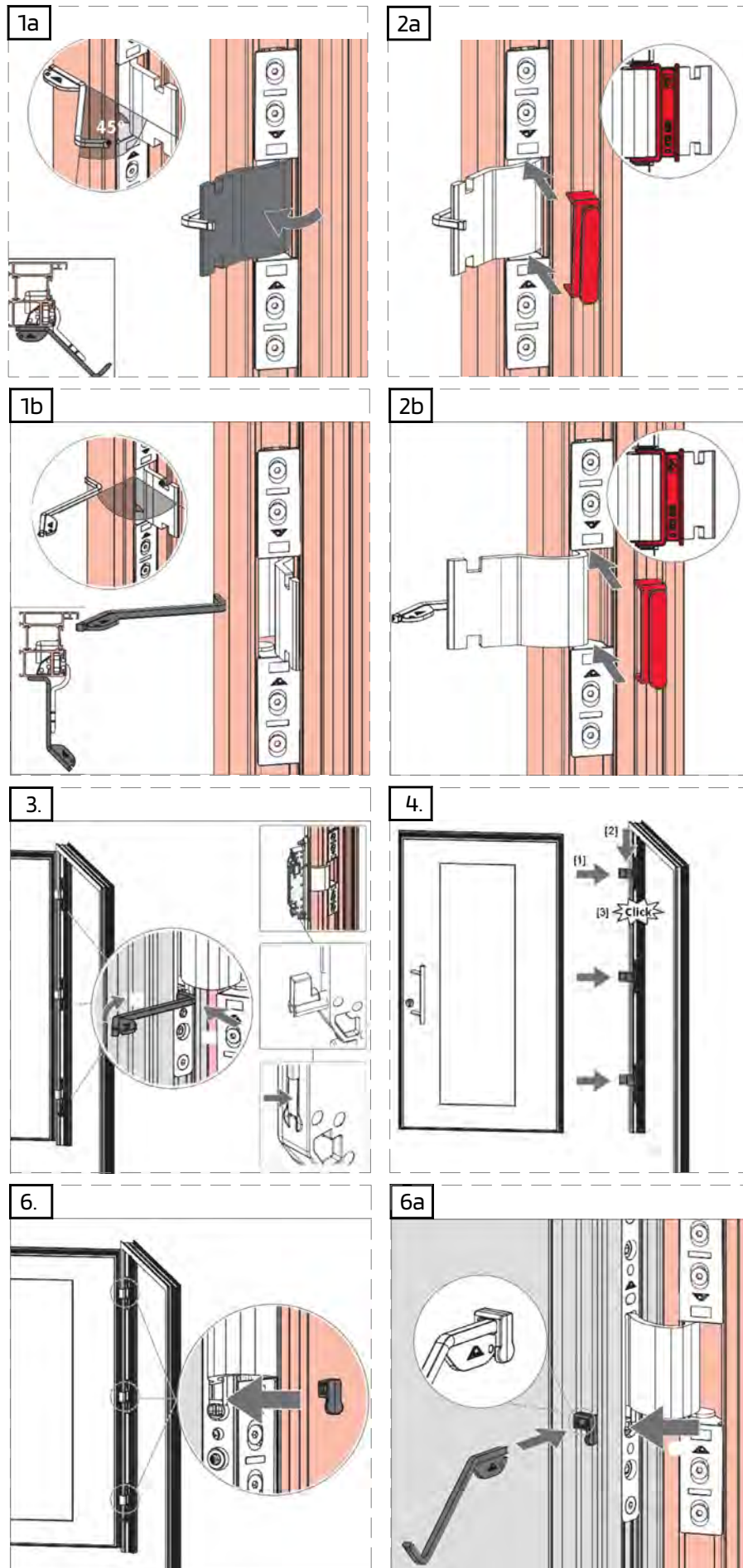
PARAFUSO DIN7982 4,8x19 A2



MONTAGEM DA DOBRADIÇA OCULTA - AFINAÇÕES DA DOBRADIÇA

CONCEALED HING ASSEMBLY - HINGE TUNINGS

ASSEMBLAGE DE LA PAUMELLE CACHÉE - RÉGLAGES DE LA PAUMELLE

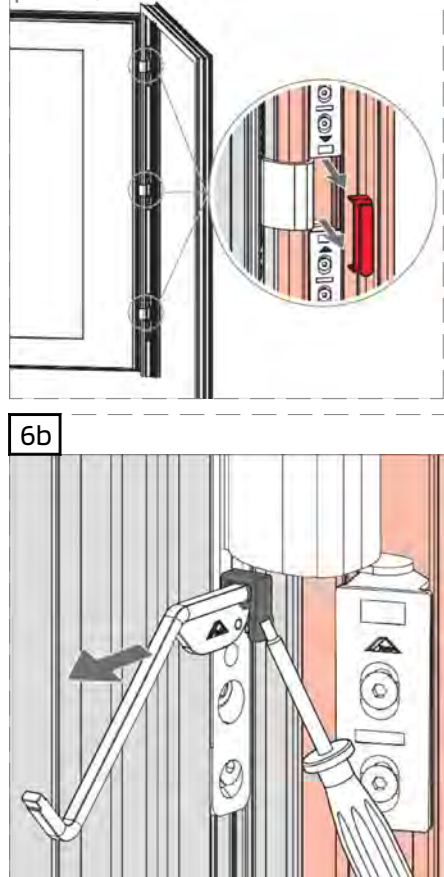


NOTA | NOTE | NOTE

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

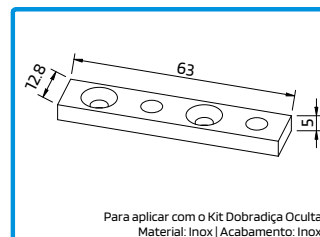
CONCEALED HING ASSEMBLY - ADJUSTMENTS

ASSEMBLAGE DE LA PAUMELLE CACHÉE - AJUSTEMENTS



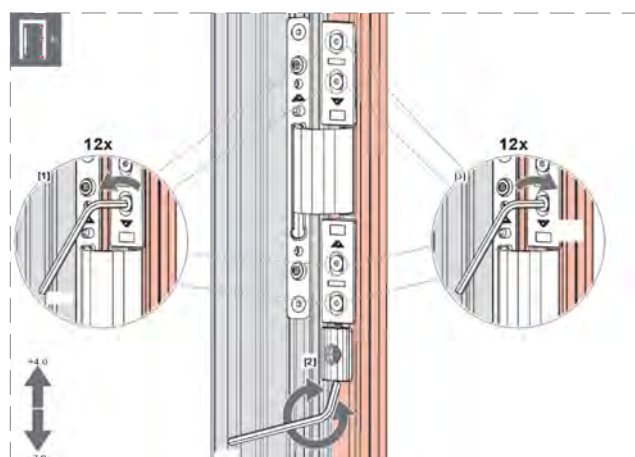
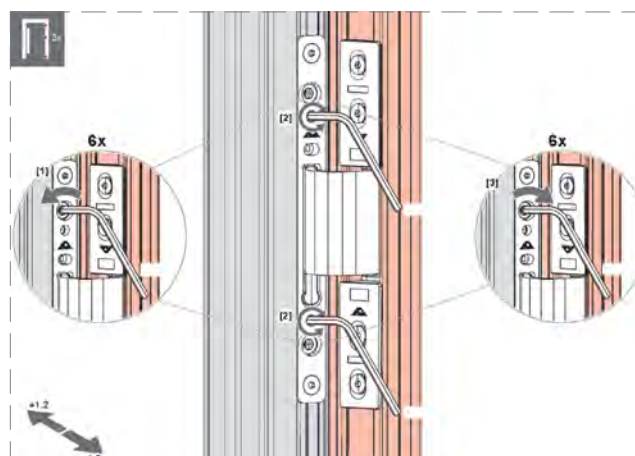
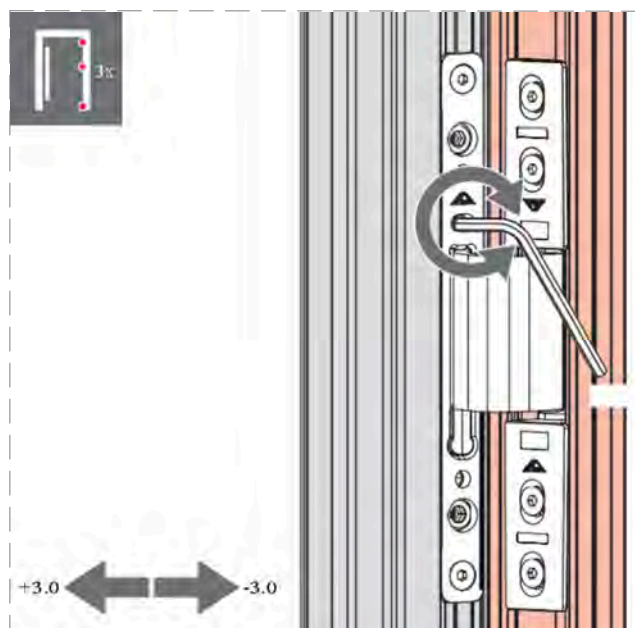
202109

DOBRADIÇA OCULTA SOLID



215504

PEÇA FIXAÇÃO DOB. OC. SOLID



MONTAGEM DA DOBRADIÇA OCULTA - DESMONTAGEM

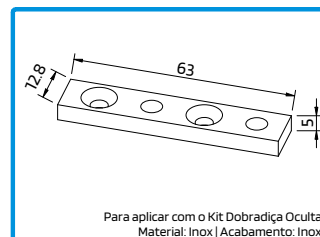
CONCEALED HING ASSEMBLY - DISMANTLING

ASSEMBLAGE DE LA PAUMELLE CACHÉE - DÉMONTAGE



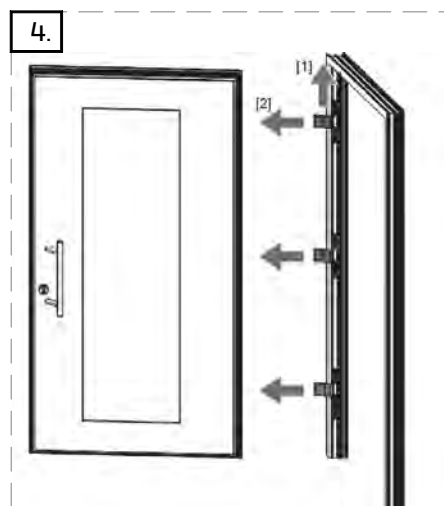
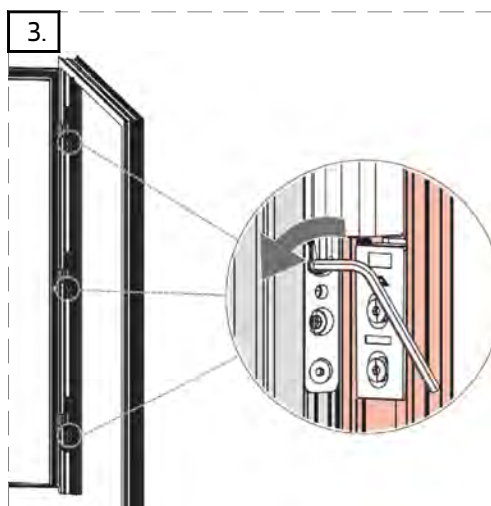
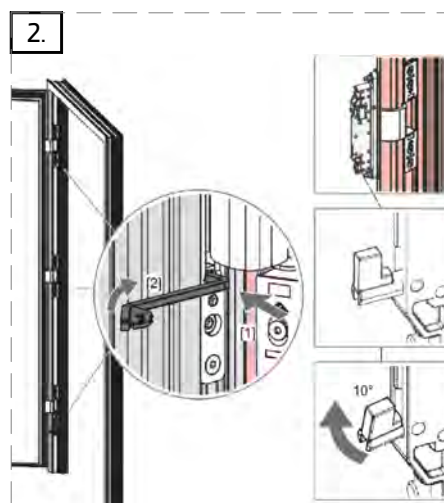
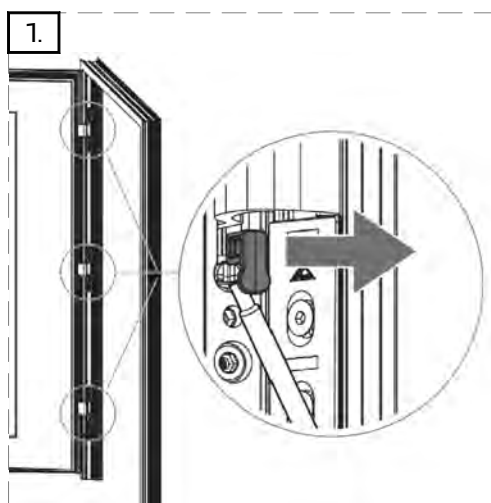
202109

DOBRADIÇA OCULTA SOLID



215504

PEÇA FIXAÇÃO DOB. OC. SOLID



APLICAÇÃO DA DOBRADIÇA PORTA DS 2L COM REGULAÇÃO 3D

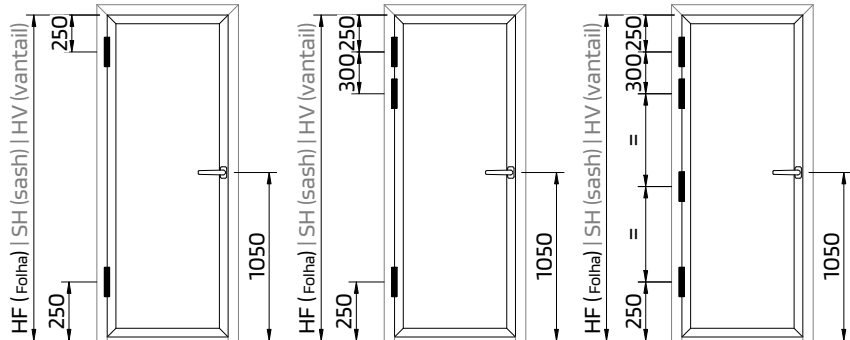
DOOR HINGE DS 2L WITH 3D TUNING APPLICATION

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		

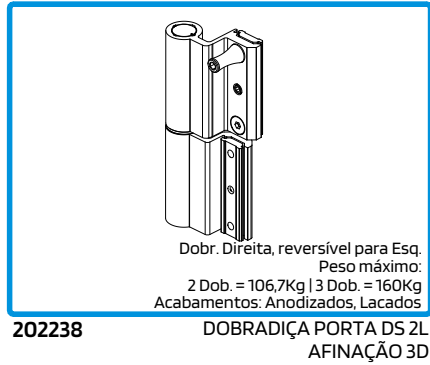
- ☐ 3 dobradiças
3 hinges
3 paumelles
- ☐ 4 dobradiças
4 hinges
4 paumelles
- ☐ 5 dobradiças
5 hinges
5 paumelles

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.

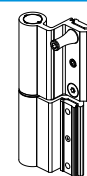
Note:

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

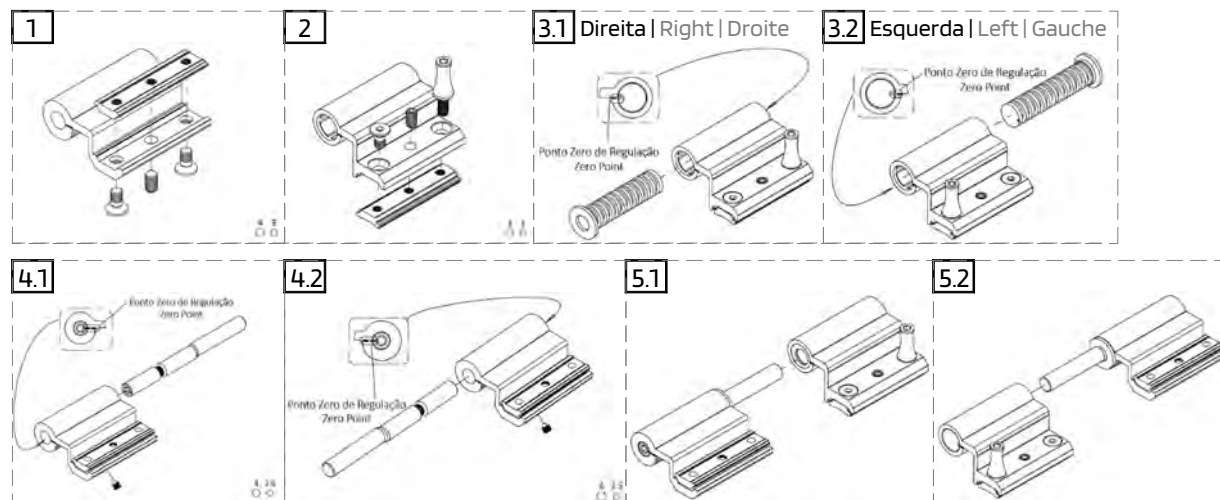
APPLICATION DE LA PAUMELLE POUR PORTE DS 2L AVEC RÉGLAGE 3D



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

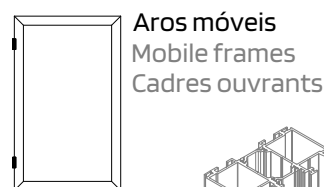
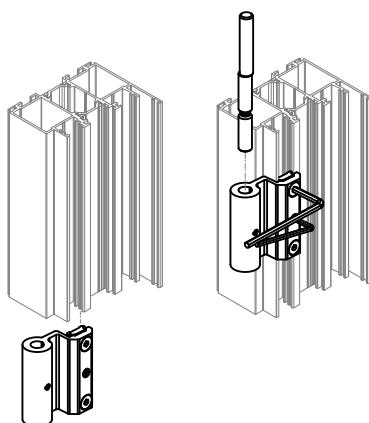
202238

DOBRADIÇA PORTA DS 2L
AFINAÇÃO 3D



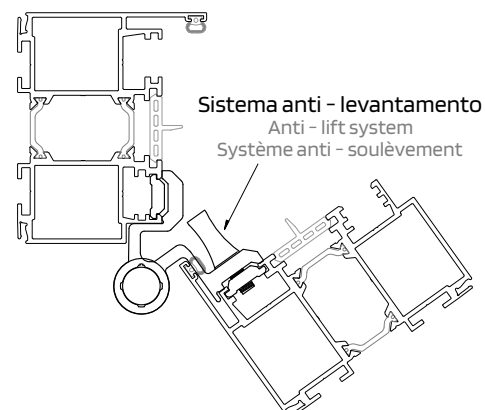
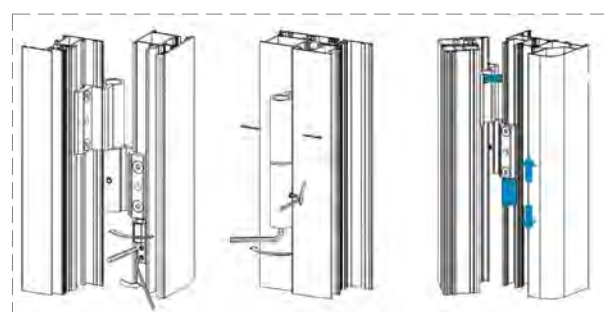
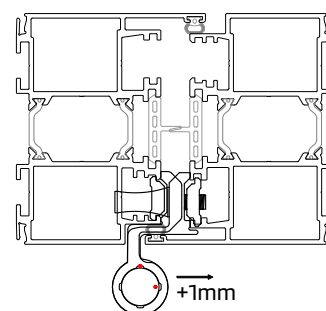
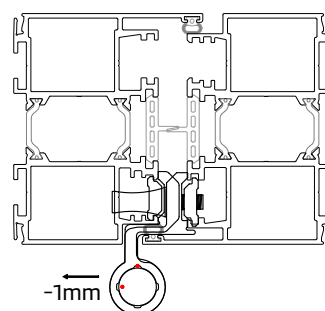
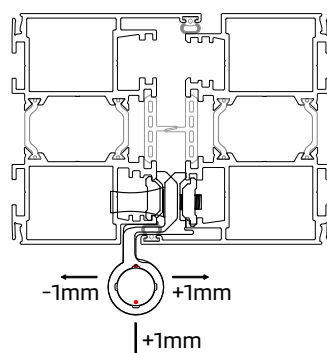
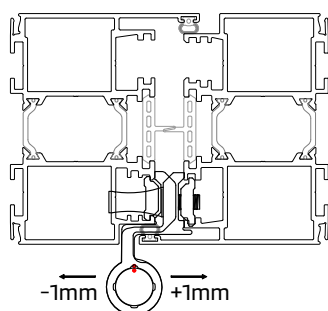
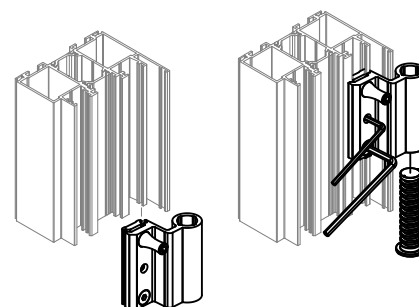
Aros fixos
Fixed frames
Cadres fixes

DS 07



Aros móveis
Mobile frames
Cadres ouvrants

DS 07 ou DS 11

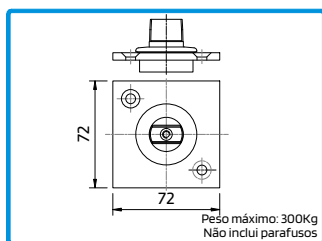


Sistema anti - levantamento
Anti - lift system
Système anti - soulèvement

MONTAGEM DA FERRAGEM PIVOT 300KG - NO ARO FIXO

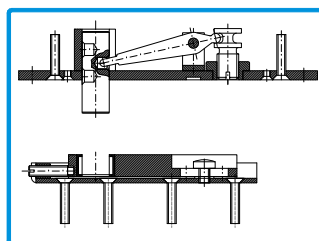
300KG PIVOTING HARDWARE ASSEMBLY - FIXED FRAME

ASSAMBLAGE DE FERRURE PIVOT 300KG - CADRE DORMANT



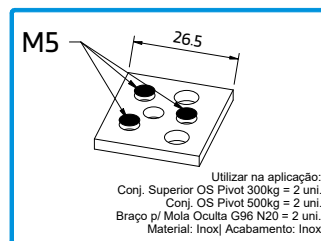
227114

PIVOT DE CHÃO 7471 AX



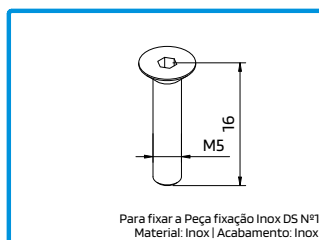
212331

CONJ. SUPERIOR OS PIVOT 300KG



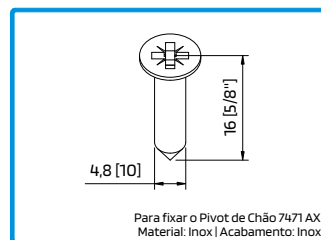
215041

PEÇA FIXAÇÃO INOX DS Nº1



290480

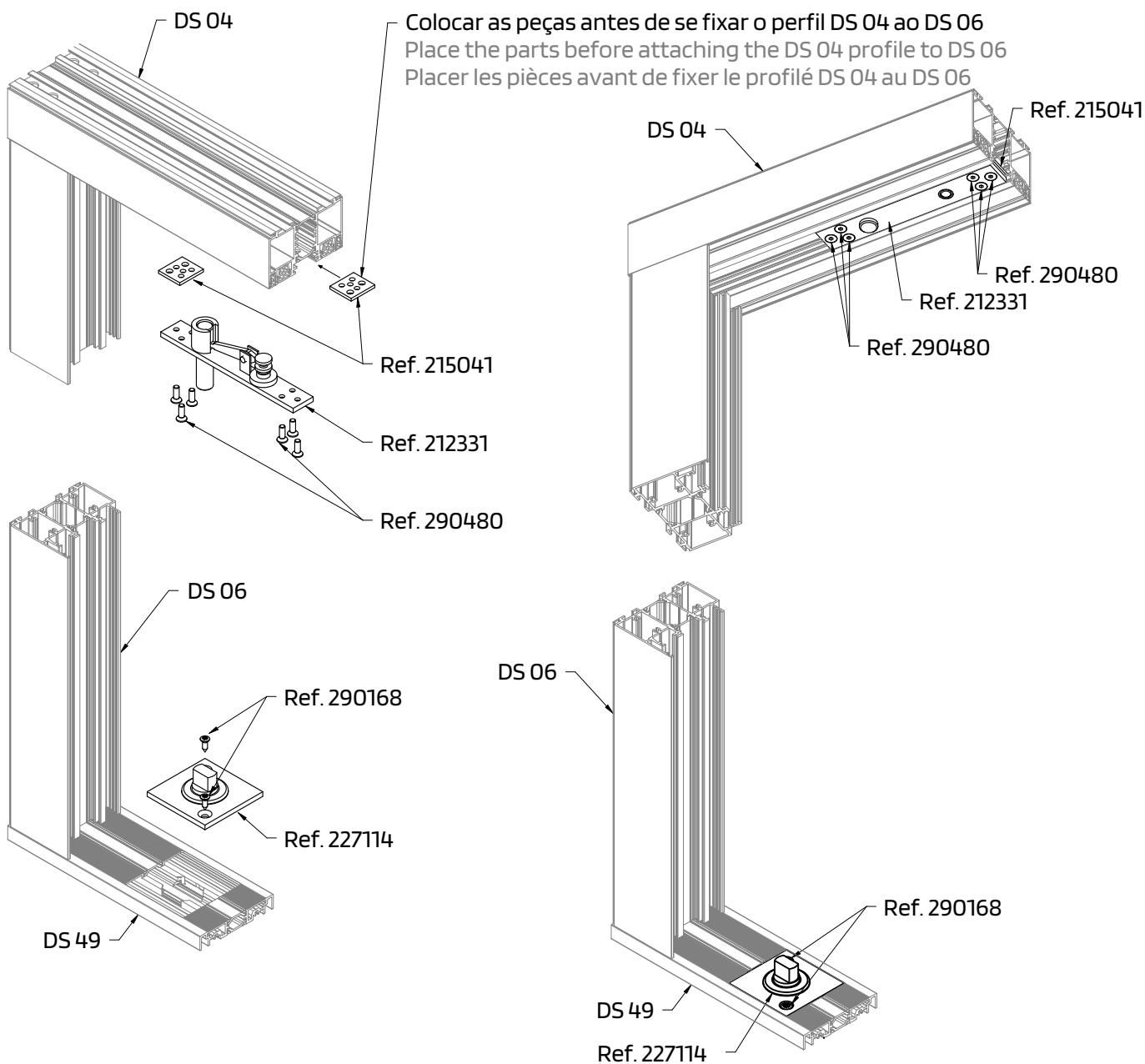
PARAFUSO CX UMB. M5X16 INOX



290168

PARAFUSO CX 5/8X10 INOX A2

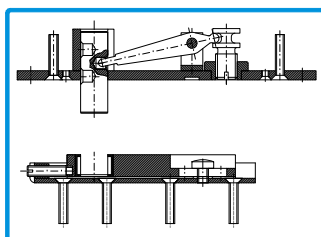
Nota: Este pormenor exemplificativo é válido para as tipologias com vidro.
Note: This illustrative detail is valid for glass types
Note: Ce détail illustratif est valable pour les types de verre



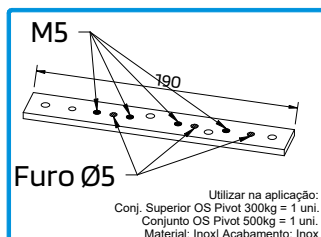
MONTAGEM DA FERRAGEM PIVOT 300KG - NO ARO MÓVEL

300KG PIVOTING HARDWARE ASSEMBLY - MOBILE FRAME

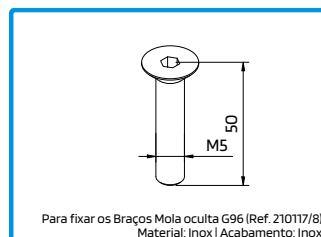
ASSAMBLAGE DE FERRURE PIVOT 300KG - CADRE OUVRANT



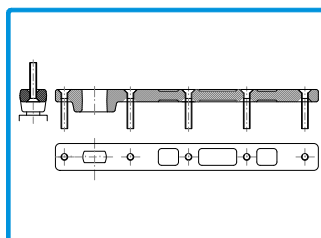
212331 CONJ. SUPERIOR OS PIVOT 300KG



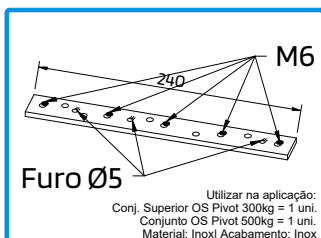
215042 PEÇA FIXAÇÃO INOX DS Nº2



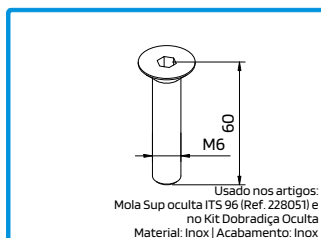
290148 PARAFUSO DIN7991 M5X50 INOX A2



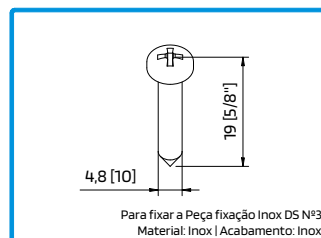
210121 BRAÇO INFERIOR OS PIVOT 300KG



215043 PEÇA FIXAÇÃO INOX DS Nº3

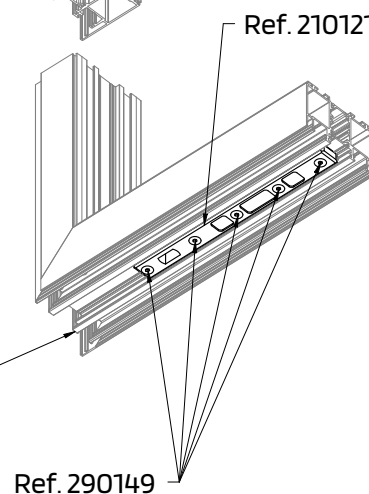
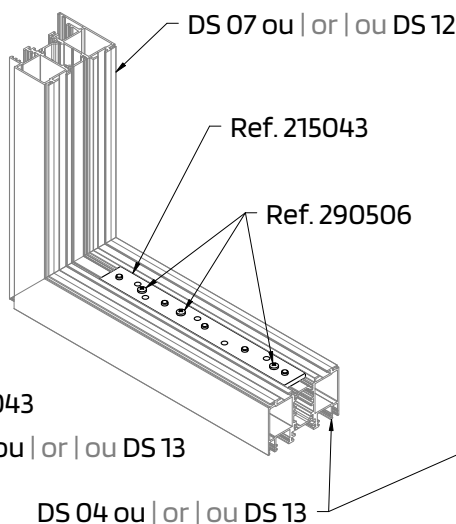
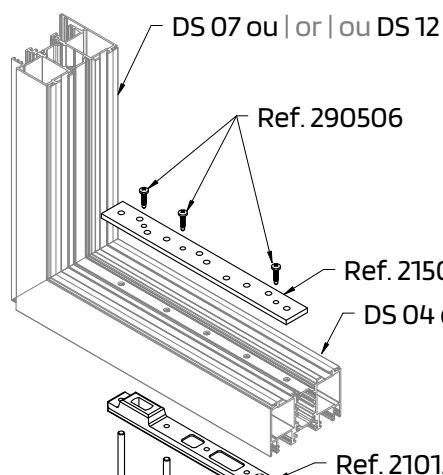
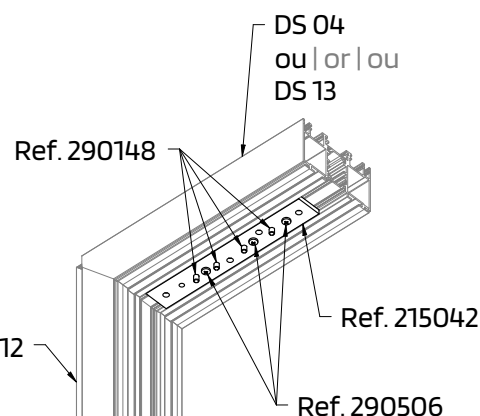
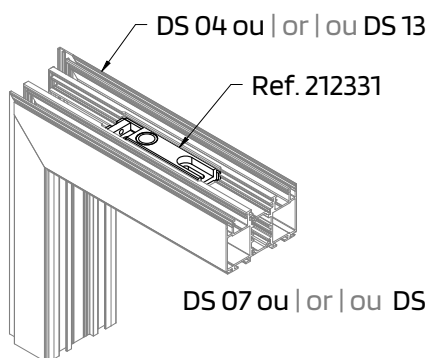
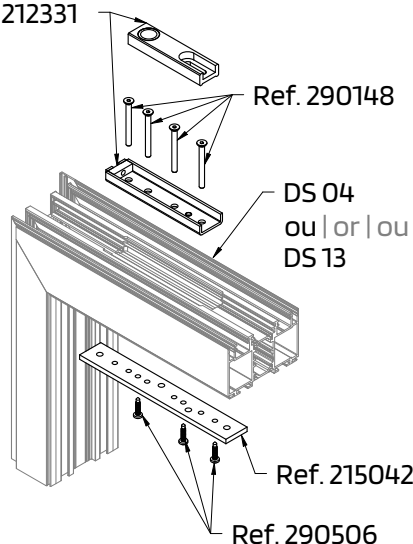


290149 PARAFUSO DIN7991 M6X60 INOX A2



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

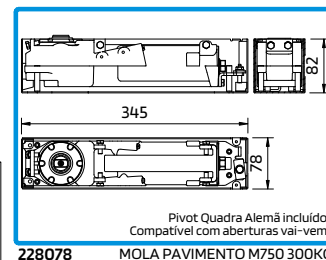
PIVOT À FREIN M750

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

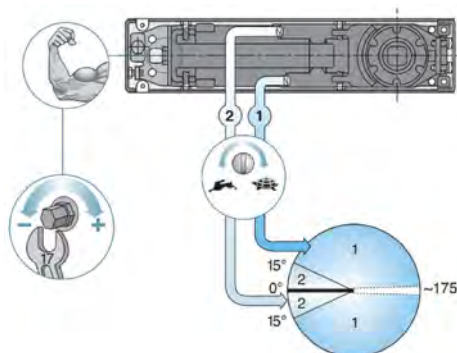
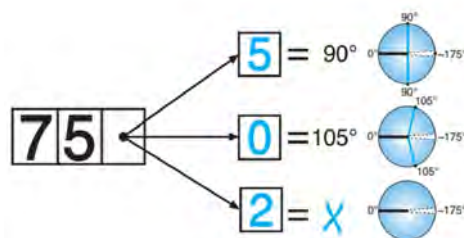
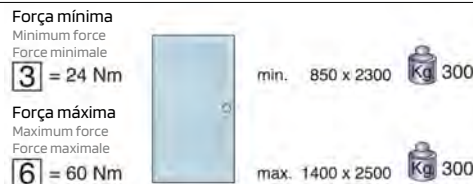
Ne pas manipuler les valves sans avoir lu les instructions d'assemblage ou ces informations.



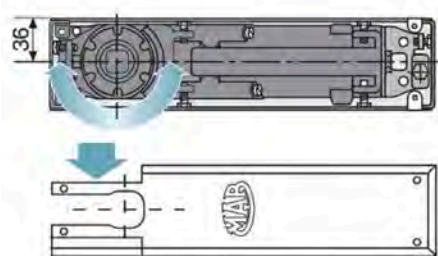
CARACTERÍSTICAS

FEATURES | CARACTÉRISTIQUES

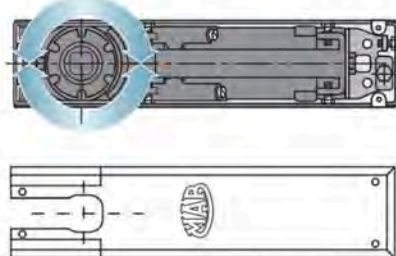
- Peso máximo: 300Kg**
Maximum weight: 300Kg
Poids maximal: 300Kg
- Direção de abertura da porta: Universal (aberturas esquerda e direita)**
Door opening direction: Universal (left and right openings)
Direction d'ouverture de la porte: Universel (ouvertures gauche et droite)
- Potência regulável EN 3-6 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
- Doas 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.



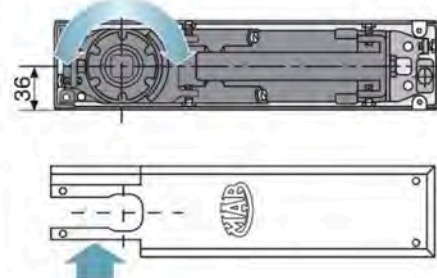
Direita
Right | Droite



Dupla ação
Double action | Double action



Esquerda
Left | Gauche



ACABAMENTOS

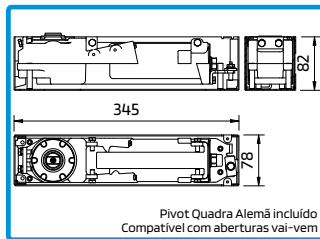
FINISHING | FINITIONS

- 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

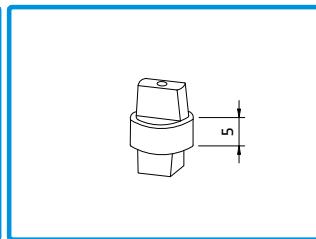
MOLA DE PAVIMENTO BTS 80

FLOOR SPRING BTS 80

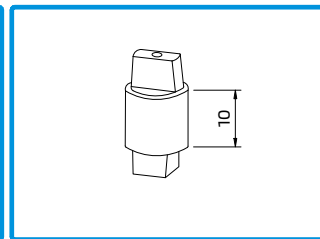
PIVOT À FREIN BTS 80



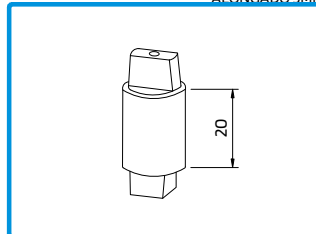
228078 MOLA PAVIMENTO M750 300KG



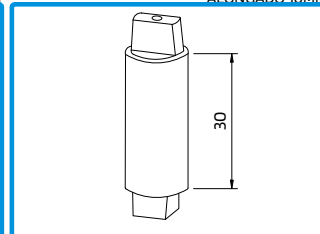
220012 EIXO SUBSTITUIÇÃO ALONGADO 5MM



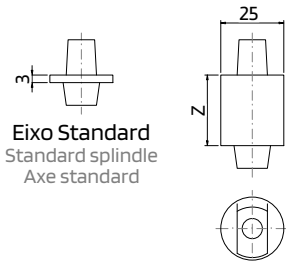
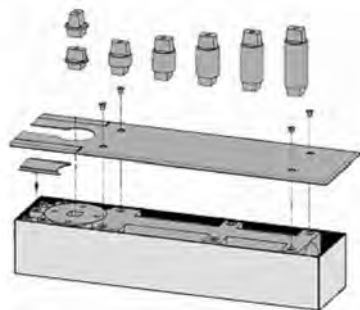
220013 EIXO SUBSTITUIÇÃO ALONGADO 10MM



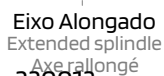
220014 EIXO SUBSTITUIÇÃO ALONGADO 20MM



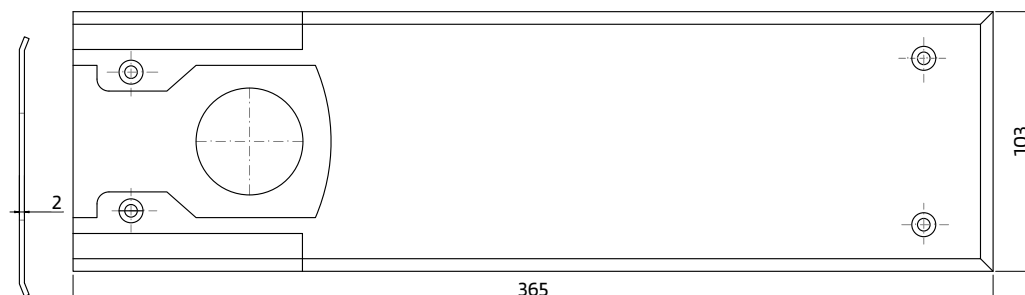
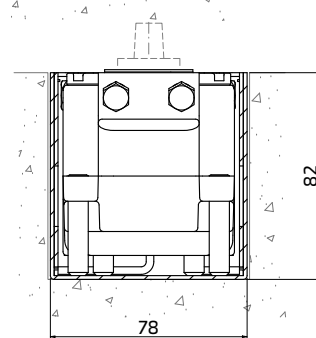
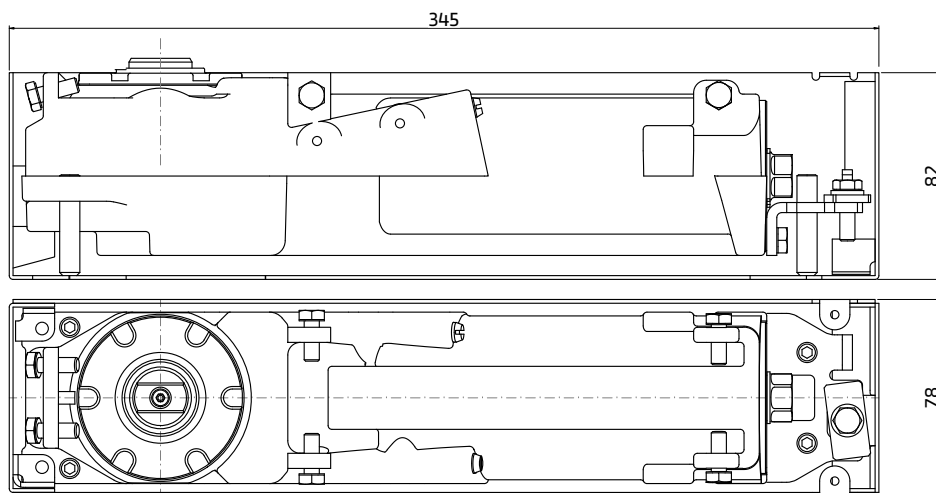
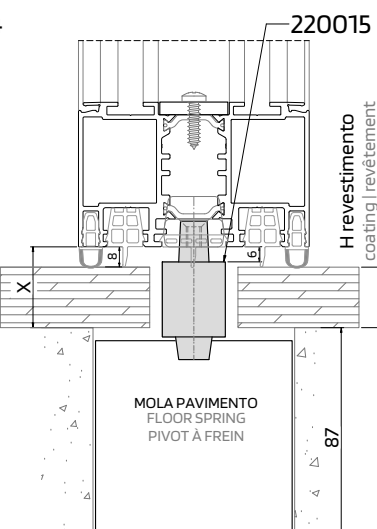
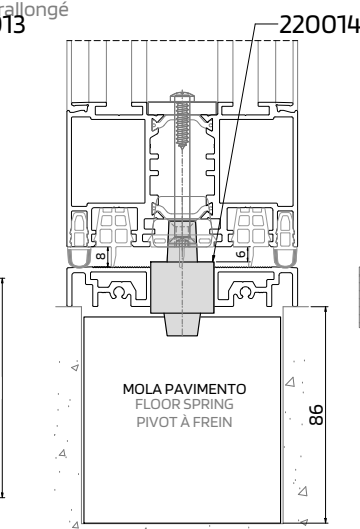
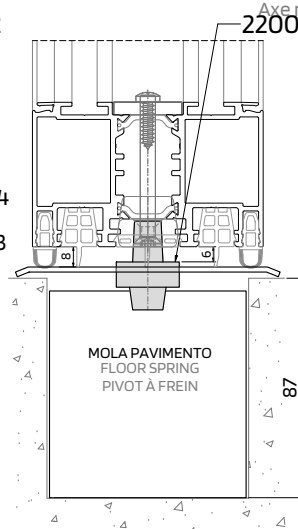
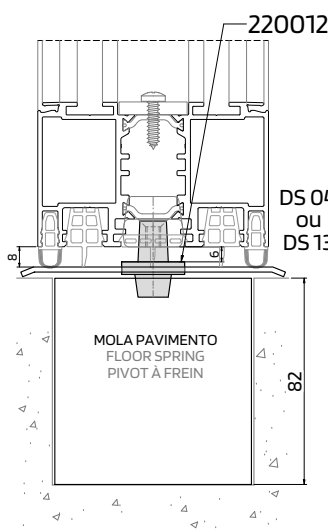
220015 EIXO SUBSTITUIÇÃO ALONGADO 30MM



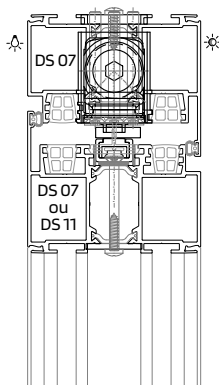
Eixo Standard
Standard spindle
Axe standard



Eixo Alongado
Extended spindle
Axe rallongé

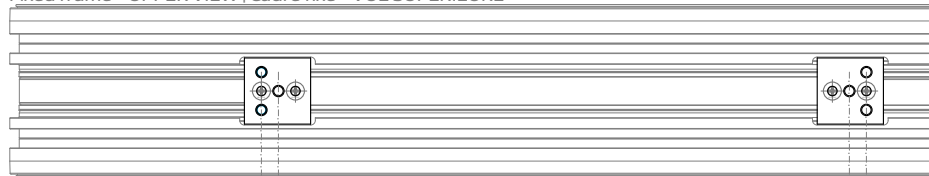


APLICAÇÃO DA MOLA SUPERIOR OCULTA EN 2-4 ITS 96 E DO BRAÇO PARA MOLA OCULTA
EN 2-4 ITS 96 UPPER CONCEALED DOOR CLOSER AND TOP STRAP APPLICATION
APPLICATION FERME-PORTES SUPÉRIEUR D'ENCASTRÉ EN 2-4 ITS 96 ET DU BRAS DU HAUT

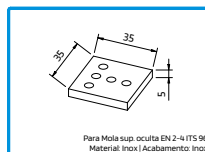


Aro fixo - VISTA SUPERIOR

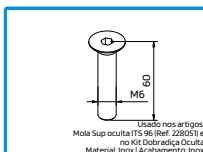
Fixed frame - UPPER VIEW | Cadre fixe - VUE SUPÉRIEURE



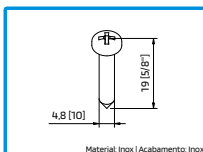
DS 07



215506 PEÇA FIXAÇÃO MOLA SUP. OC. ITS 96



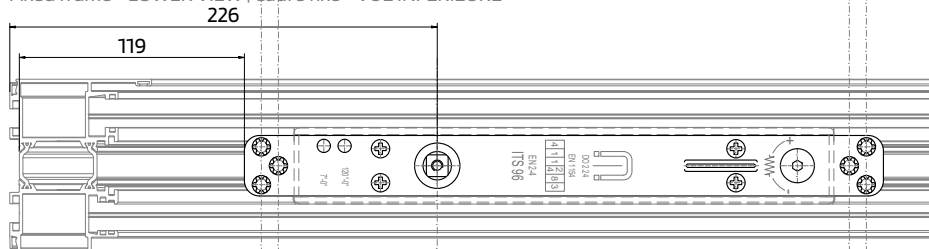
290149 PARAFUSO DIN7991 M6X50 INOX A2



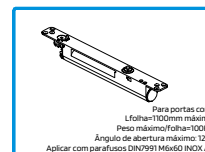
290506 PARAF. PKI PH 3/4x10 CO

Aro fixo - VISTA INFERIOR

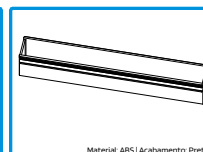
Fixed frame - LOWER VIEW | Cadre fixe - VUE INFÉRIEURE



DS 07



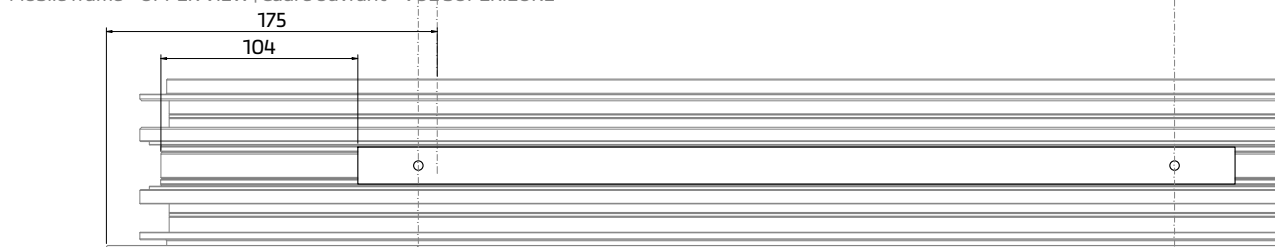
228051 MOLA SUP. OCULTA EN 2-4 ITS 96



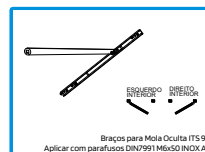
203309 COPO PI MOLA OCULTA ITS 96

Aro móvel - VISTA SUPERIOR

Mobile frame - UPPER VIEW | Cadre ouvrant - VUE SUPÉRIEURE



DS 07 ou DS 11



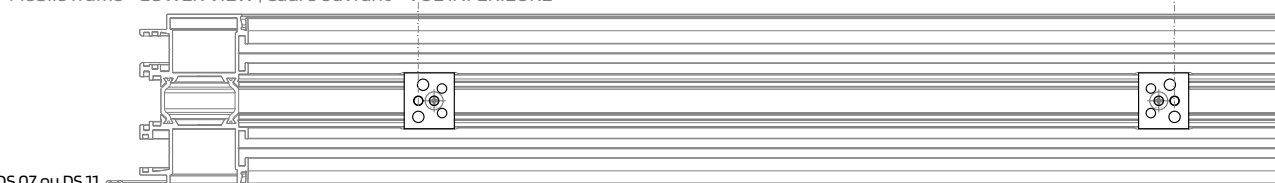
210177 BR. P/ MOLA OCULTA ITS 96

210118 BR. P/ MOLA OCULTA G96 N20 ESQ.

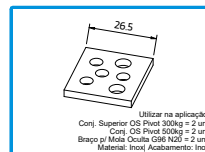
BR. P/ MOLA OCULTA G96 N20 DIR.

Aro móvel - VISTA INFERIOR

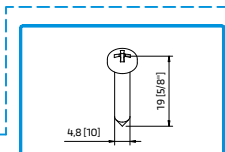
Mobile frame - LOWER VIEW | Cadre ouvrant - VUE INFÉRIEURE



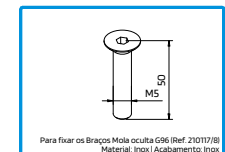
DS 07 ou DS 11



215041 PEÇA FIXAÇÃO INOX DS N°1



290506 PARAF. PKI PH 3/4x10 CO



290148 PARAFUSO DIN7991 M5X50 INOX A2

MONTAGEM DA FECHADURA DE TRANCAS E ACESSÓRIOS - NO ARO FIXO

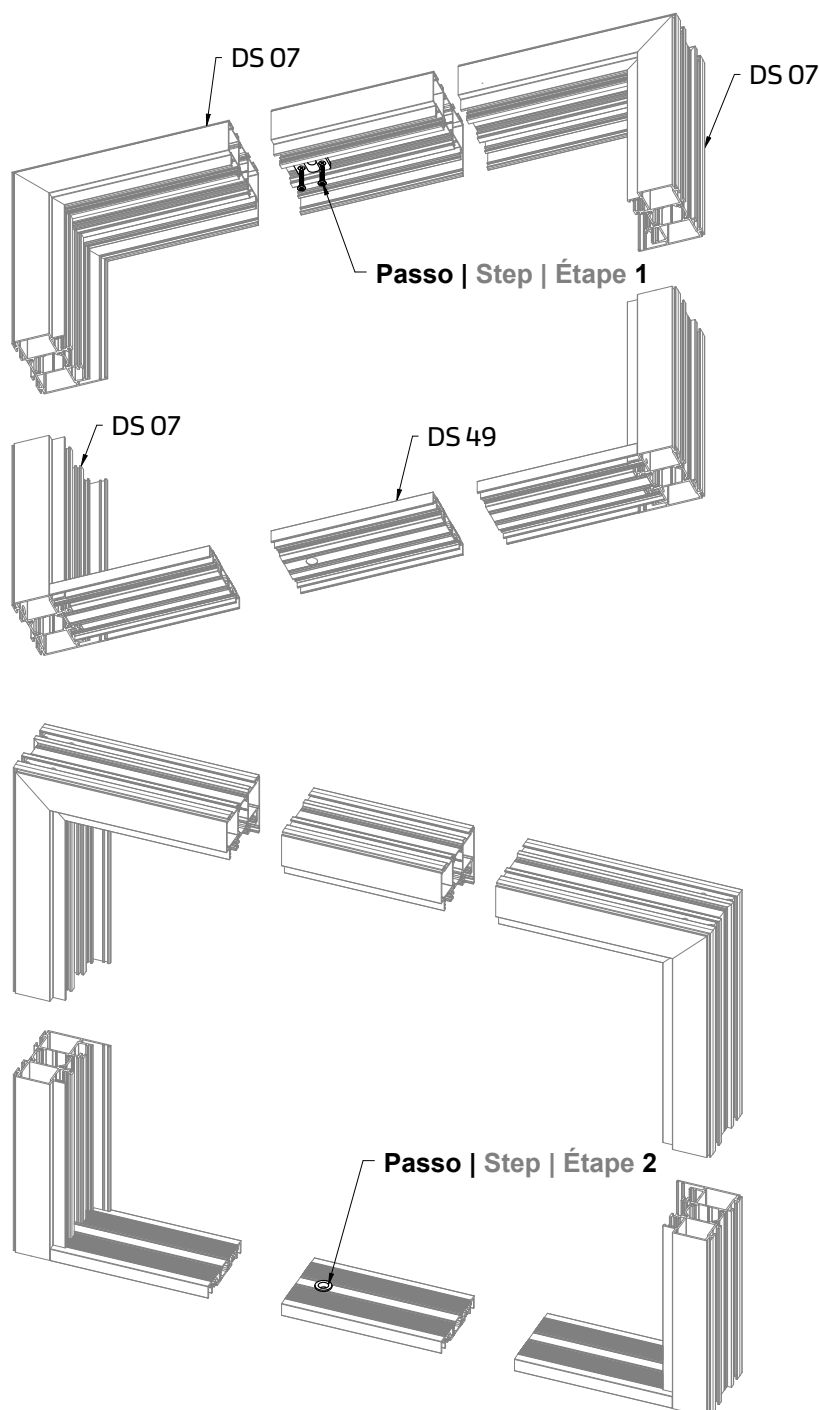
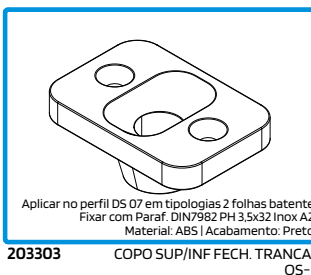
LOCKING HARDWARE AND ACCESSORIES ASSEMBLY - FIXED FRAME

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

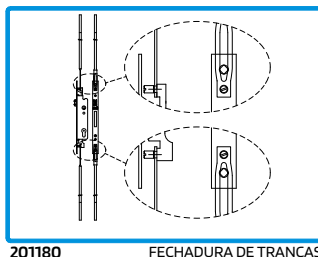
ASSAMBLAGE DE SERRURE ET ACCESSOIRES - CADRE DORMANT ET VANTAIL PASSIVE

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

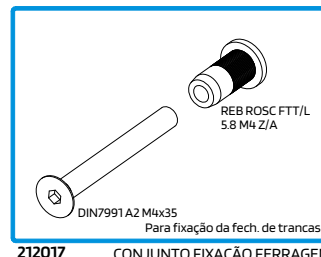
Application et fixation de la serrure et mise en place des tiges dans l'ouvrant passif

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



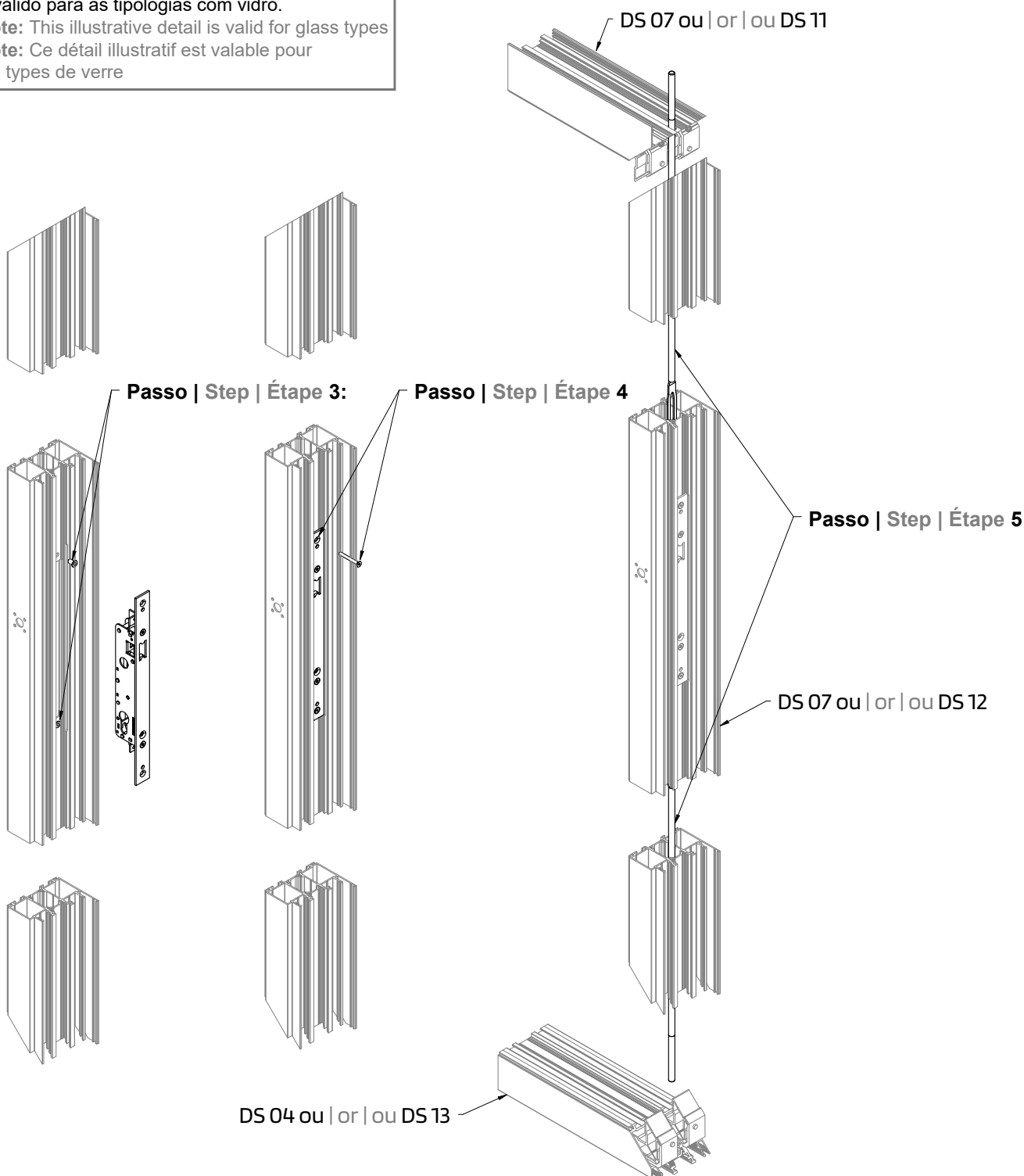
201180

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 trancas e colocação das varetas na folha passiva

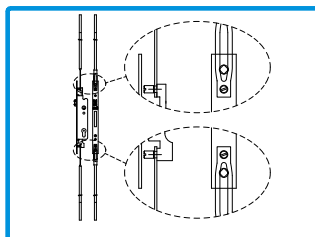
Application and fixing of the locking hardware and placement of the rods in the passive sash

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.

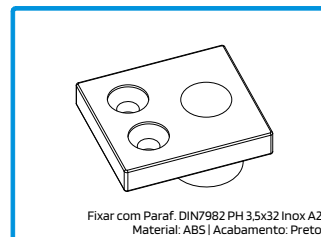
Note: This illustrative detail is valid for glass types

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



201180

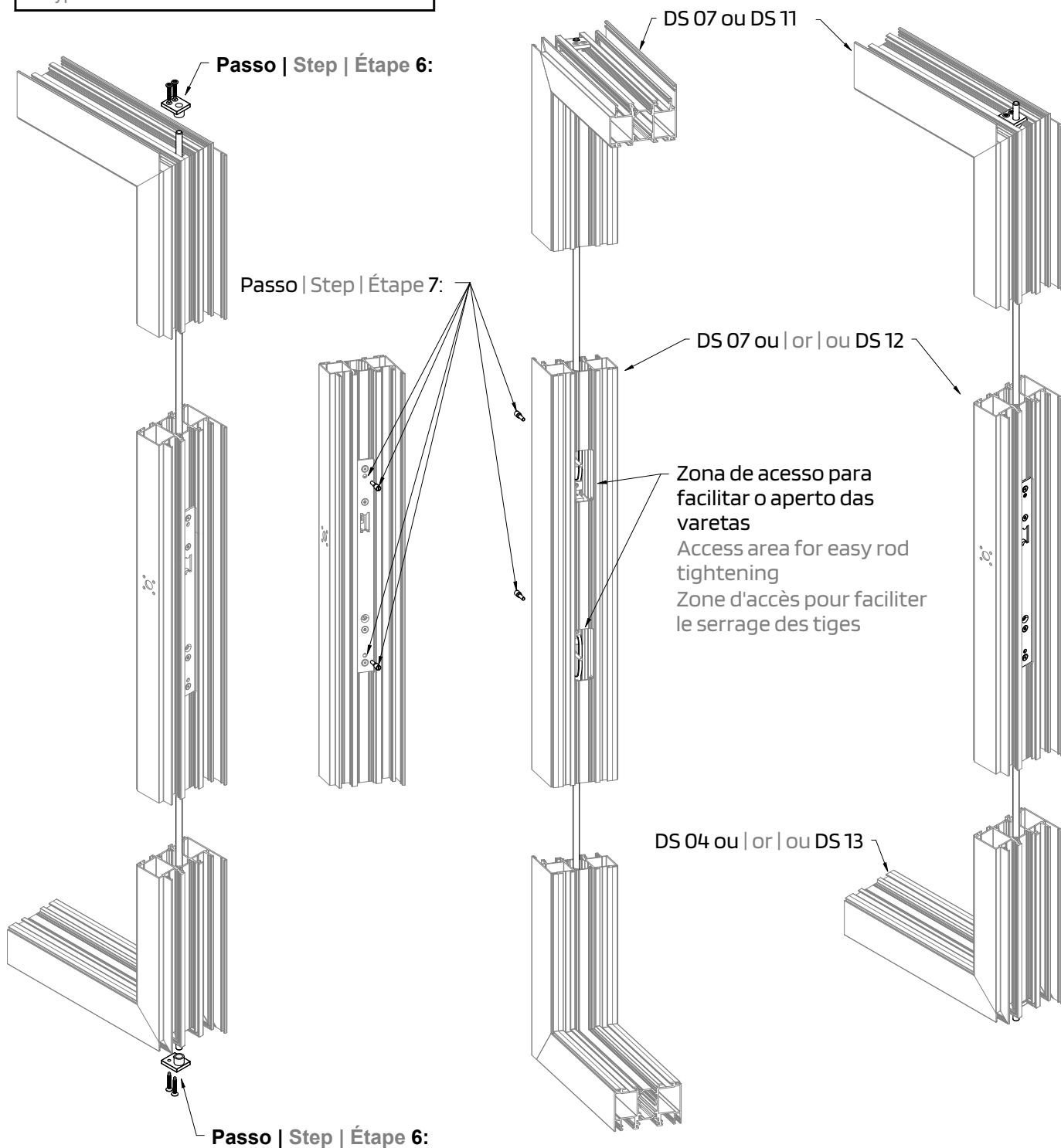
FECHADURA DE TRANCAS



207128

GUIA FECH. TRANCAS DS

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



VII

ANOTAÇÕES
ANNOTATIONS | REMARQUES

ATUALIZAÇÕES REALIZADAS NESTA VERSÃO UPDATES DONE IN THIS VERSION LES MISES À JOUR EFFECTUÉES DANS CETTE VERSION	
1	CAP II - PERFIS Atualização das tabelas orientativas de bites CHAPTER II - PROFILES Update of the glazing beads tables. CHAPITRE II - PROFILÉS Mise à jour des tableaux des parclose
2	CAP III - ACESSÓRIOS: Substituição da Mola de pavimento BTS 80 (Ref. 228073) pela Mola de pavimento M750 para 300 kg (Ref. 228078); Introdução das Dobradiças Mechanica de 2 e 3 abas 1145/60 (Ref. 202010) e 1145.3/60 (Ref. 202610) e do Gabarito para furação 1145.908 (Ref. 211101) Inserido o Kit de fixação p/ Mechanica 1145.757X (Ref. 223000); Introdução da Fechadura de 3 pontos M2 35mm esquerda (Ref. 201138); Inserido o Conjunto chapa testa lisa (Ref. 212424) para aplicar com as Fechaduras 3 pontos M235mm; Inserida a Fechadura 3 pontos 4ES 50mm (Ref. 201109), Testa central regulável 184 preto (Ref. 280038), Testa superior e inferior regulável 296S preto (Ref. 280039), Copo pequeno para testa 184 preto (Ref. 203307), Copo para testa 296S e 184 preta (Ref. 203308); Removida a Fechadura 7715ALUx35 (Ref. 201096) e o Conjunto Chapa testa p/fechadura 7715ALU (Ref. 212117); Inserida a Fechadura de 3 pontos em U 7799x35 (Ref. 201010), as testas fechadura PS nº1 (Ref. 280004) e nº2 (Ref. 280005), os Cilindros alta segurança 55/55 (Ref. 207457) e 55B/55 (Ref. 207459) e os Calços p/ testas fech. DS nº1 (Ref. 218227) e nº2 (Ref. 218228). CHAPTER III - ACCESSORIES: Replacement of BTS 80 floor spring (Ref. 228073) with M750 floor spring for 300 kg (Ref. 228078); Introduction of Mechanica hinges with 2 and 3 blades 1145/60 (ref. 202010) and 1145.3/60 (ref. 202610) and drilling jig 1145.908 (ref. 211101); Insert the fixing kit for Mechanica 1145.757X (Ref. 223000); Introduction of the M2 35mm left-hand 3-point lock (Ref. 201138); Insert the strike plate kit (Ref. 212424) to be used with the M235mm 3-point locks; Inserted 3-point lock 4ES 50mm (Ref. 201109), adjustable central strike plate 184 black (Ref. 280038), adjustable upper and lower strike plate 296S black (Ref. 280039), small recessed lock end-cap 184 black (Ref. 203307), recessed lock end-cap 296S and 184 black (Ref. 203308); Lock 7715ALUx35 (Ref. 201096) and strike plate for lock 7715ALU (Ref. 212117) removed; Inserted the 3-point lock in U 7799x35 (Ref. 201010), Istrike plates PS no. 1 (Ref. 280004) and no. 2 (Ref. 280005), high security cylinders 55/55 (Ref. 207457) and 55B/55 (Ref. 207459) and the DS shims for strike plates no. 1 (Ref. 218227) and no. 2 (Ref. 218228). CHAPITRE III - ACCESSOIRES: Remplacement du pivot à frein BTS 80 (réf. 228073) par le pivot à frein M750 pour 300 kg (réf. 228078); Introduction des paumelles Mechanica à 2 et 3 pattes 1145/60 (réf. 202010) et 1145.3/60 (réf. 202610) et du gabarit de perçage 1145.908 (réf. 211101); Kit de fixation pour Mechanica 1145.757X (réf. 223000) inclus; Introduction de la serrure à 3 points M2 35 mm gauche (réf. 201138); Insérez le kit de gâche (réf. 212424) à utiliser avec les serrures à 3 points M235 mm; Insérez le kit de gâche (réf. 212424) à utiliser avec les serrures 3 points M235 mm ; Serrure à 3 points 4ES 50 mm (réf. 201109) insérée, gâche centrale réglable 184 noire (réf. 280038), gâches supérieure et inférieure réglables 296S noires (réf. 280039), Embout petite à encastrer 184 noir (Ref. 203307), Embout à encastrer 296S et 184 noir (Ref. 203308); Serrure 7715ALUx35 (réf. 201096) et gâche pour serrure 7715ALU (réf. 212117) retirées; Insertion de la serrure à 3 points dans U 7799x35 (réf. 201010), gâches PS nº 1 (réf. 280004) et nº 2 (réf. 280005), les cylindres haute sécurité 55/55 (réf. 207457) et 55B/55 (réf. 207459) et les cales DS pour gâches nº 1 (réf. 218227) et nº 2 (réf. 218228).

ATUALIZAÇÕES REALIZADAS NESTA VERSÃO

UPDATES DONE IN THIS VERSION | LES MISES À JOUR EFFECTUÉES DANS CETTE VERSION

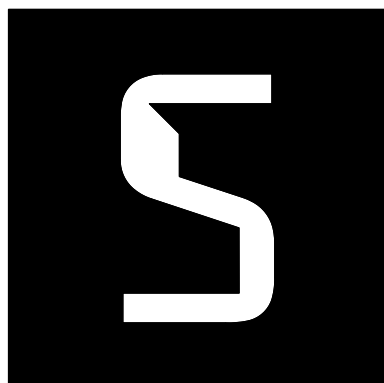
3	CAP IV - PORMENORES: Nas tabelas de acessórios foram substituídas as Chapas testas (Refs. 280042 e 280043) pelo Conjunto chapa testa lisa (Ref. 212424), nas tipologias de batente com a dobradiça oculta e nas pivotantes; Nas tipologias com vidro, colocou-se a nota "consultar tabelas de bites"; Correção nos pormenores das fechaduras 3 pontos M2 35mm com as referências 201112 e 201138 Acrescentadas novas tipologias com os novos acessórios. CHAPER IV - DETAILS: In the accessories tables, the strike plates (Ref. 280042 and 280043) have been replaced by the strike plates kit (Ref. 212424), in the concealed hinge and pivot door typologies; For glass types, the note 'consult glazing beads tables' was added; Correction in the details of the 3-point M2 35mm locks with references 201112 and 201138 New typologies added with the new accessories. CHAPITRE IV - DÉTAILS Dans les tableaux des accessoires, les gâches (réf. 280042 et 280043) ont été remplacées par le kit de gâches (réf. 212424) dans les typologies de portes à charnières et pivots invisibles; Dans les types avec verre, la note « consulter les tableaux des parcloses » a été ajoutée; Correction des détails des serrures 3 points M2 35 mm avec les références 201112 et 201138; Nouvelles typologies ajoutées avec les nouveaux accessoires.
4	CAP V - MAQUINAÇÕES: Inseridas as maquinações para a Mola superior oculta EN 2-4 ITS 96; Inserida a maquinação para a fixação do perfil SO 81; Correção das páginas que continham a informação da Mola BTS 80 (Ref. 228073) com a informação da Mola de pavimento M750 para 300 kg (Ref. 228078) - Corrigido também no Cap VI-Montagens; Alteração da página com a Maquinação para a Fechadura 3 pontos M2 35mm, para aplicar com dobradiça Oculta e para porta pivotantes: substituição das chapas testas (Refs. 280042 e 280043) pelo Conjunto de chapa testa lisa (Ref. 212424). Corrigidas as medidas de corte da fechadura e do conjunto de chapas testas para as tipologias com as medidas 2000, 2100 e 2200mm; Acrescentada página com maquinações para a fechadura de 3 pontos (Ref. 201112), para aplicar com Dobradiça DS 2D (Ref. 202238) e Dobradiças Mechanica: com a Testa central fechadura M2 (Ref. 280042) e Testa inf./ sup, fechadura M2 (Ref. 280043); Acrescentada página com maquinações para a Fechadura de 3 pontos em U7799x35 (Ref. 201010). CAP V - MACHININGS: Inserted the machinings for the upper concealed closer EN 2-4 ITS 96; Machining inserted for fastening the SO 81 profile; Correction of pages containing information on the BTS 80 floor spring (Ref. 228073) with information of the M750 floor spring for 300 kg (Ref. 228078) - Also corrected in Chapter VI-Assemblies; Change to the page with the Machining for the M2 35mm 3-point lock, for use with concealed hinges and pivot doors: replacement of the strike plates (Ref. 280042 and 280043) with the strike plate kit (Ref. 212424). Corrected the cutting measurements of the lock and the strike plate kit for the typologies with measurements 2000, 2100 and 2200mm; Added page with machinery for the 3-point lock (Ref. 201112), to be used with DS 2D hinge (Ref. 202238) and Mechanica hinges: with M2 central lock strike plate (Ref. 280042) and lower / upper strike plate, M2 lock (Ref. 280043); Added page with machining for the 3-point lock in U7799x35 (Ref. 201010). CHAPITRE V - USINAGES Insertion des usinages pour ferme-portes supérieur d'encasté EN 2-4 ITS 96; Usinage inséré pour la fixation du profilé SO 81; Correction des pages contenant les informations relatives au pivot à frein BTS 80 (réf. 228073) avec les informations relatives au pivot à frein M750 pour 300 kg (réf. 228078) - Également corrigé dans le chapitre VI - Montages; Modification de la page relative à l'usinage pour la serrure 3 points M2 35 mm, à utiliser avec des paumelles cachées et des portes pivotantes : remplacement des gâches (réf. 280042 et 280043) par le kit de gâches (réf. 212424). Correction des dimensions de découpe de la serrure et du kit gâche pour les typologies de dimensions 2000, 2100 et 2200 mm;

ATUALIZAÇÕES REALIZADAS NESTA VERSÃO UPDATES DONE IN THIS VERSION LES MISES À JOUR EFFECTUÉES DANS CETTE VERSION	
4	Ajout d'une page avec les usinages pour la serrure à 3 points (réf. 201112), à utiliser avec la paumelle DS 2D (réf. 202238) et les paumelles Mechanica : avec gâche centrale M2 (réf. 280042) et gâche inférieure/supérieure, serrure M2 (réf. 280043); Ajout d'une page avec l'usinage pour la serrure à 3 points dans U7799x35 (réf. 201010).
5	CAP VI - MONTAGENS: Acrescentada informação sobre a aplicação da fechadura de 3 pontos M2 35mm (Ref. 201112) e da fechadura de 3 pontos M2 35 mm esquerda (Ref. 201138), conforme o sentido de abertura a aplicar; Acrescentadas informação referente à aplicação das Testas central fechadura M2 (Ref. 280042), Testa inf./ sup. fechadura M2 (Ref.280043) e Conjunto chapa testa lisa (Ref. 212424), consoante as respectivas tipologias. CHAPER VI - ASSEMBLIES: Added information about the application of the M2 35 mm 3-point lock (Ref. 201112) and the M2 35 mm left 3-point lock (Ref. 201138), according to the opening direction to be applied. Added information regarding the application of the M2 central lock strike plate (Ref. 280042), M2 lower/upper lock strike plate (Ref. 280043) strike plate kit (Ref. 212424), depending on the respective types. CHAPITRE VI - ASSEMBLAGES: Ajout d'informations sur l'application de la serrure à 3 points M2 35 mm (réf. 201112) et de la serrure à 3 points M2 35 mm gauche (réf. 201138), selon le sens d'ouverture à appliquer; Ajout d'informations concernant l'application de la gâche pour serrure centrale M2 (réf. 280042), de la gâche pour serrure inférieure/supérieure M2 (réf. 280043) et du kit de gâches (réf. 212424), en fonction des types respectifs.

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SOSOARES

Rua do Campo Alegre, 474
4150-170 Porto
T +351 226 096 709* | F +351 226 005 642*
E comercial@sosoares.pt

ALFA SUL

EN Lisboa-Sintra Km 14
2725-397 Mem Martins
T +351 219 265 090* | F +351 219 265 098*
E alfa.sul@sosoares.pt

ALULIDER

Pavilhão Industrial H - Plataforma 13D
Zona Franca Industrial
9200-047 Caniçal - Madeira
T +351 291 960 494* | F +351 291 960 497*
E alulider@sosoares.pt

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