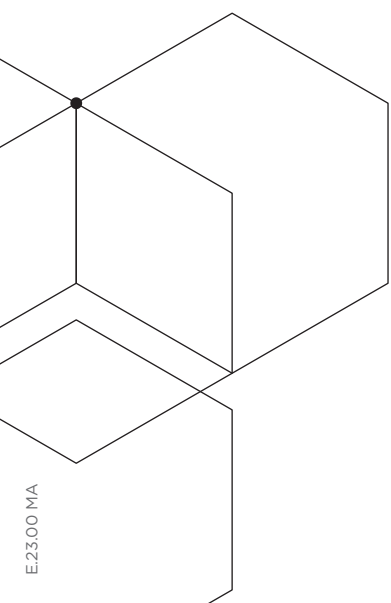


STRUGAL S45C

SISTEMA PRACTICABLE • SISTEMA BATENTE
SYSTÈME À LA FRANÇAISE • HINGED SYSTEM

STRUGAL





AENOR

GlobalEPD
A VERIFIED ENVIRONMENTAL DECLARATION

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CARACTERÍSTICAS TÉCNICAS

Características técnicas
Caractéristiques techniques
Technical characteristics

ACRISTALAMIENTO

Envidraçao
Vitrage
Glazing

Espesor máximo 31 mm

Espessura máxima 31 mm
Épaisseur maximale 31 mm
Maximum thickness 31 mm

ESPESOR MEDIO TEÓRICO

Espessura média teórica
Épaisseur minimal théorique
Theoretical average thickness

1,8 mm

PESO MÁXIMO POR HOJA

Peso máximo por folha
Poid maximum ouvrant
Maximum weight per sash

180 kg

DIMENSIONES MÁXIMAS | Dimensões máximas | Dimensiones maximales | Maximum dimensions

ANCHO DE HOJA (L)

Largura de folha
Largueur d'ouvrant
Sash width

1400 mm

ALTO DE HOJA (L)

Altura de folha
Hauteur d'ouvrant
Sash height

3000 mm

*Consultar peso y dimensiones máximas según tipología y ubicación de la puerta

*Consultar peso e dimensões máximas de acordo com a tipología e localização da porta

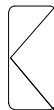
*Consulter le poids et les dimensions maximales en fonction de la typologie et de l'emplacement de la porte

*Please consult maximum weight and dimensions, depending on type and position of the door

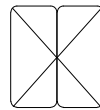
APERTURAS | Aberturas | Ouvertures | Openings

APERTURA INTERIOR

Abertura interior
Ouverture intérieure
Inward opening



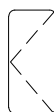
Practicable 1 Hoja
Batente 1 Folha
À la française 1 ouvrant
Fully-opening 1 sash



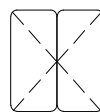
Practicable 2 Hojas
Batente 2 Folhas
À la française 2 ouvrant
Fully-opening 2 sashes

APERTURA EXTERIOR

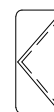
Abertura exterior
Ouverture extérieure
Outward opening



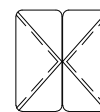
Practicable 1 Hoja
Batente 1 Folha
À la française 1 ouvrant
Fully-opening 1 sash



Practicable 2 Hojas
Batente 2 Folhas
À la française 2 ouvrant
Fully-opening 2 sashes



Vaivén 1 Hoja
Vaivém 1 Folha
Va-et-vient 1 ouvrant
Swing door 1 sash



Vaivén 2 Hojas
Vaivém 2 Folhas
Va-et-vient 2 ouvrant
Swing door 2 sashes

STRUGAL S45C

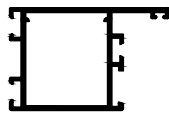
RELACIÓN DE PERFILES

Relação de perfis

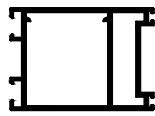
Liste de profilés

List of profiles

Marcos | Aros | Dormants | Frames



04704
p. 10

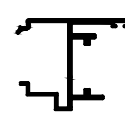


04710
p. 10

Complemento de Marco | Acessório aro | Complément de cadre | Frame accessory

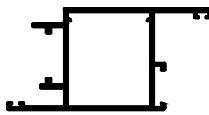


04707
p. 11

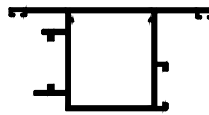


04708
p. 11

Hojas | Folhas | Ouvrants | Sashes

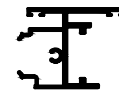


04705
p. 12



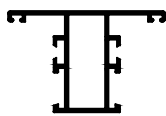
04706
p. 12

Inversores | inversores | Battues | Inverters

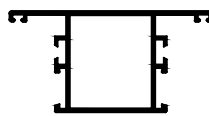


04709
p. 13

Pilastras | Pilastra | Pilastres | Pilasters



00908*
p. 14



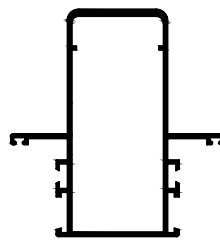
01265
p. 14



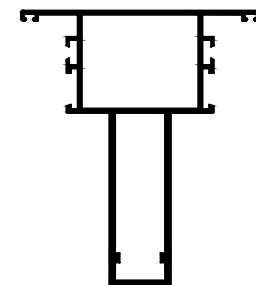
01225
p. 15



04712*
p. 15



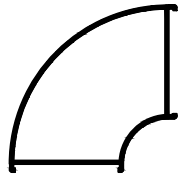
04148*
p. 16



04152*
p. 17

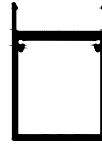
* Consultar disponibilidad | Verificar disponibilidade | Consulter disponibilité | Please consult availability.

Esquinero | Cantos | Coin | Corner piece



00208*
p. 18

Refuerzos | Reforço | Renfort | Reinforcement

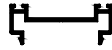


07136*
p. 19



05503*
p. 19

Complementos | Complementos | Compléments | Complements



04711
p. 20



04392*
p. 21



70033
p. 20

Solapes | Remates | Couvre joint | Joint covers



07186*
p. 23



07187*
p. 22



07196*
p. 23



07386*
p. 23



07151
p. 22



07188
p. 22



04574
p. 22



04575
p. 22



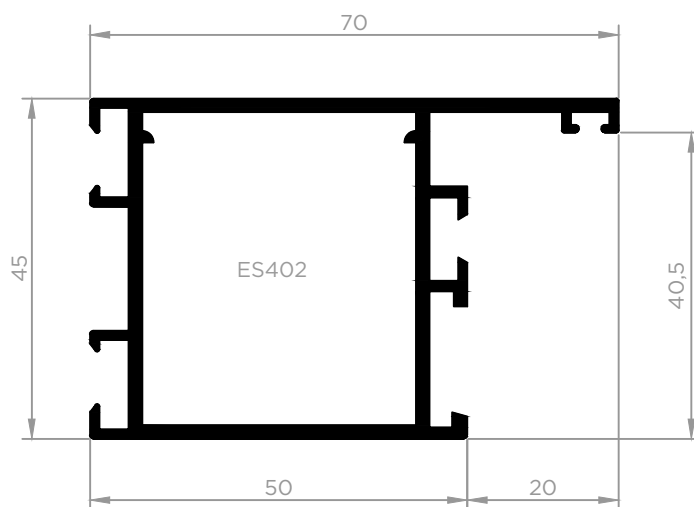
04576*
p. 22



04829*
p. 23

* Consultar disponibilidad | Verificar disponibilidade | Consulter disponibilité | Please consult availability.

Marcos | Aros | Dormants | Frames



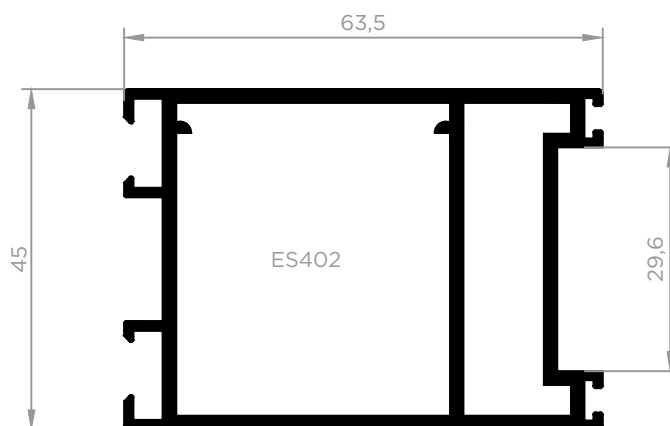
04704

Marco puerta coplanar

Aro porta coplanar

Dormant porte coplanaire

Coplanar door frame



04710

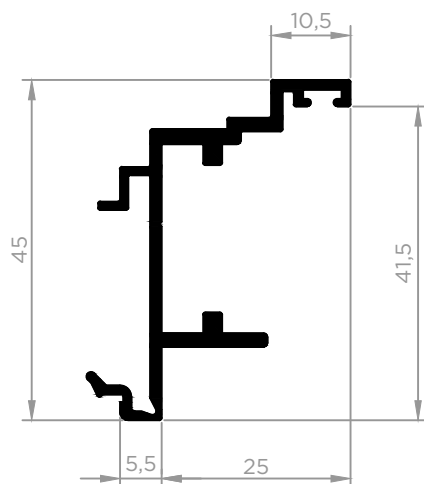
Marco vaivén

Aro vaivém

Cadre va-et-vient

Swing door frame

Complemento Marco | Acessório aro | Complément de cadre | Frame accessory



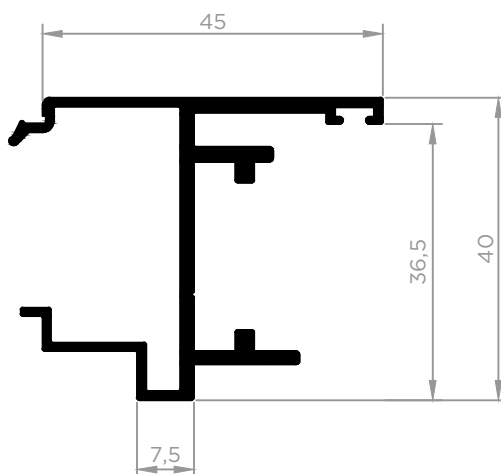
04707

Complemento ap. interior

Acessório abertura interior

Complément ouverture intérieur

Inward opening accessory



04708

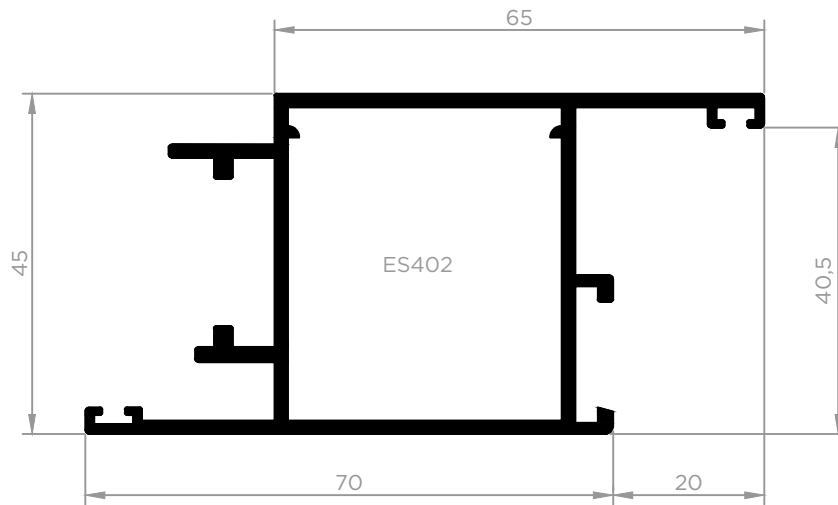
Complemento ap. exterior

Acessório abertura exterior

Complément ouverture extérieur

Outward opening accessory

Hojas | Folhas | Ouvrants | Sashes



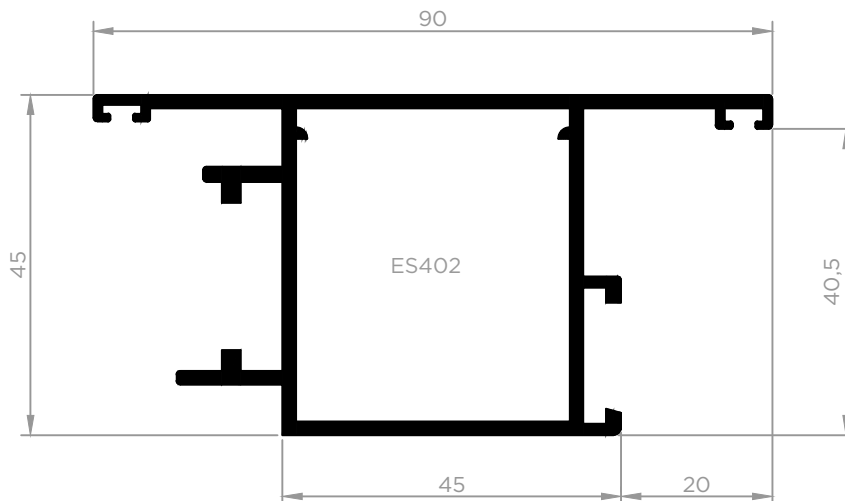
04705

Hoja puerta coplanar

Folha porta coplanar

Ouvrant porte coplanaire

Coplanar door sash



04706

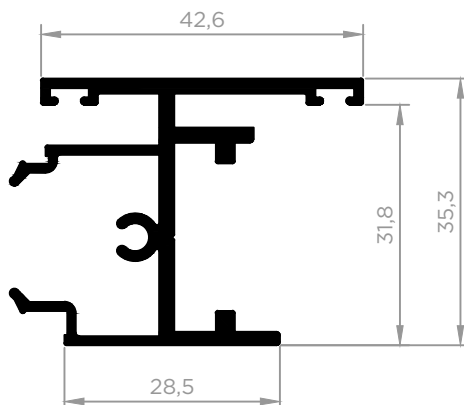
Hoja puerta ap. exterior coplanar

Folha porta abertura exterior coplanar

Ouvrant porte ouverture extérieur coplanaire

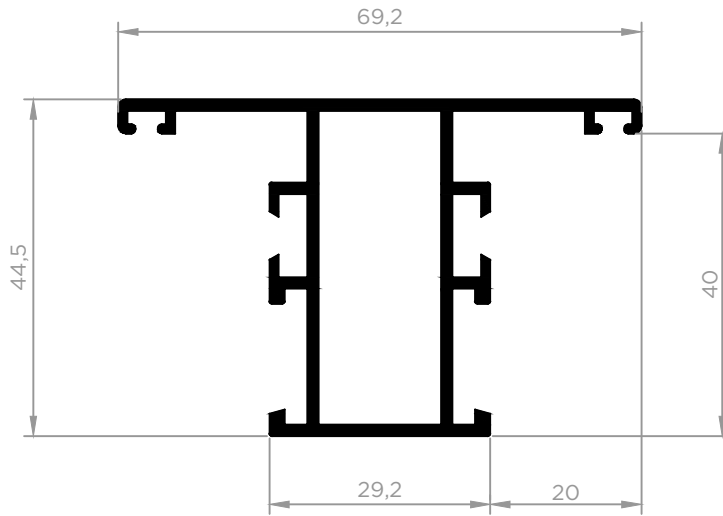
Coplanar door sash outward opening

Inversores | Inversores | Battues | Inverters

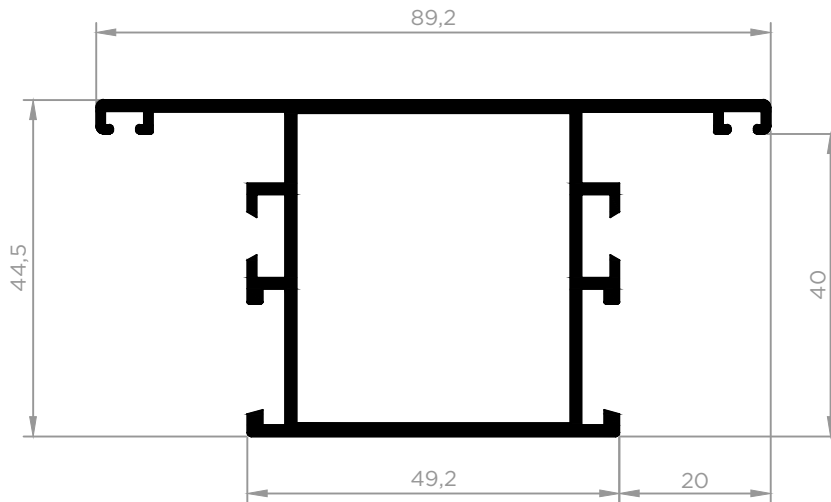


04709
Inversor
Inversor
Battue
Inverter

Pilastras | Pilastra | Pilastres | Pilasters



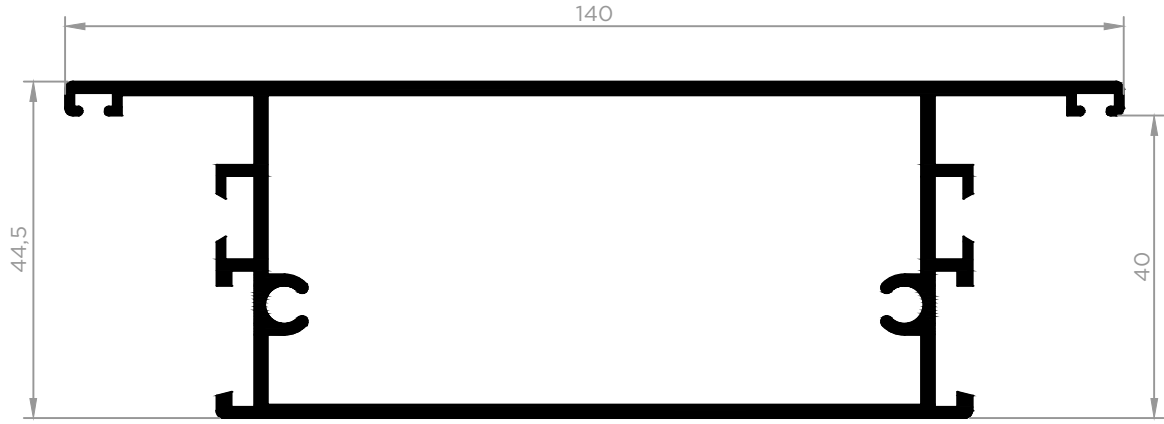
00908*
 Pilastra ventana
 Pilastra ventana
 Pilastre fenêtre
 Window pilaster



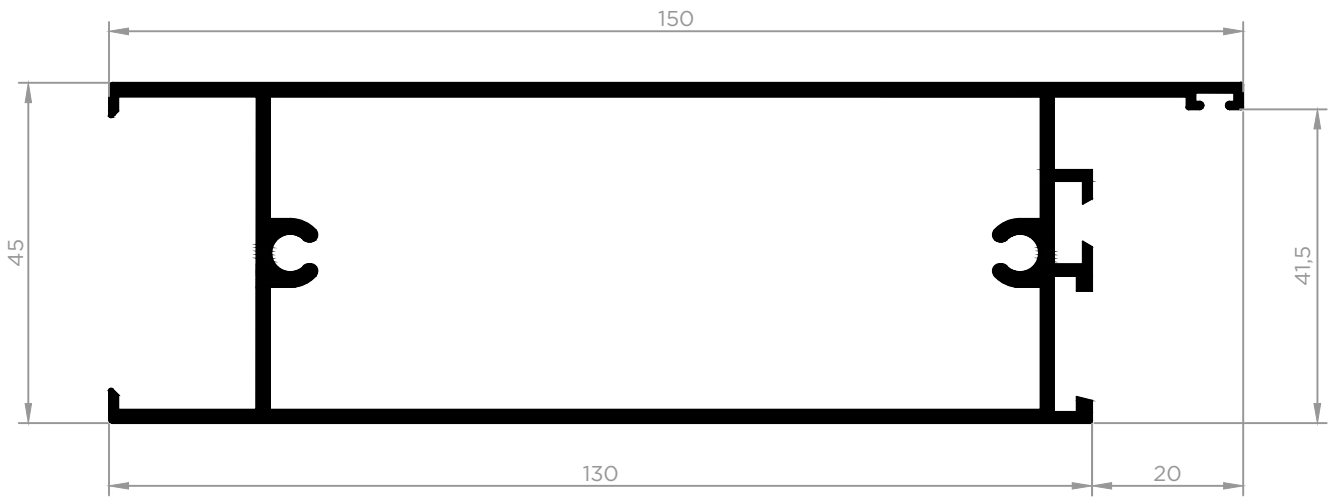
01265*
 Pilastra puerta
 Pilastra porta
 Pilastre porte
 Door pilaster

* Consultar disponibilidad | Verificar disponibilidade | Consulter disponibilité | Please consult availability.

Pilastras | Pilastra | Pilastres | Pilasters



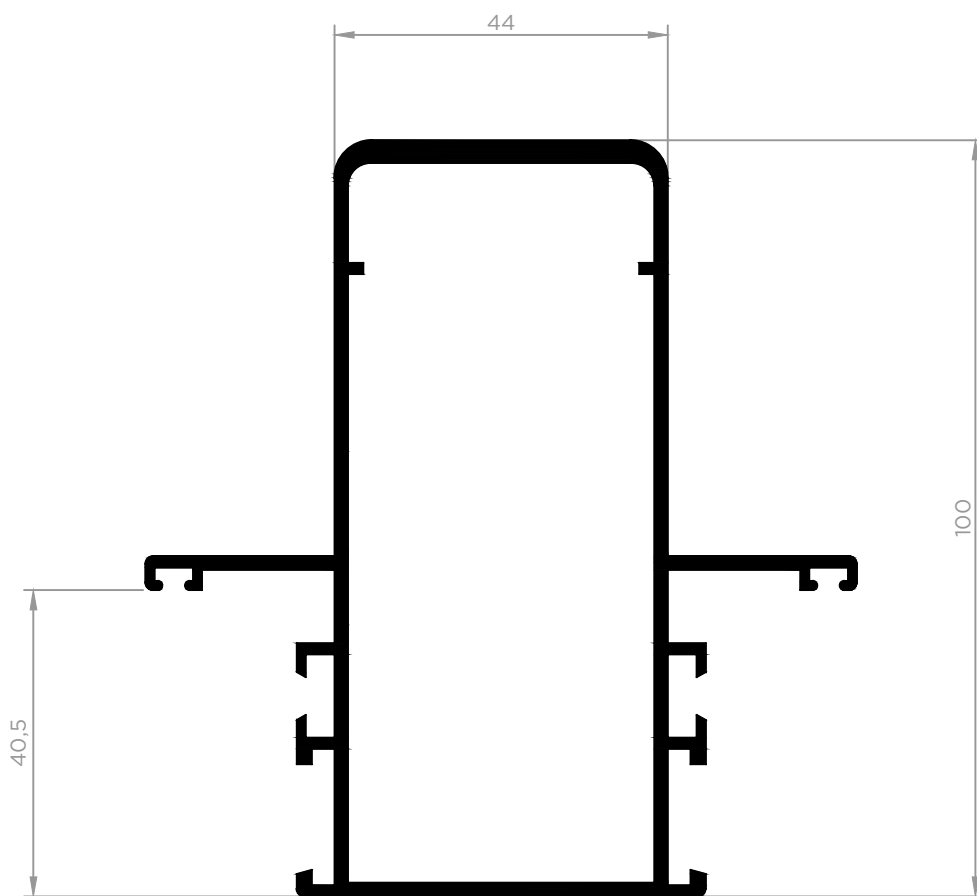
01225*
Zócalo
Almofada
Pilastre
Plinth



04712*
Zócalo vaivén
Almofada vaivém
Pilastre va-et-vient
Swing door Plinth

* Consultar disponibilidad | Verificar disponibilidade | Consulter disponibilité | Please consult availability.

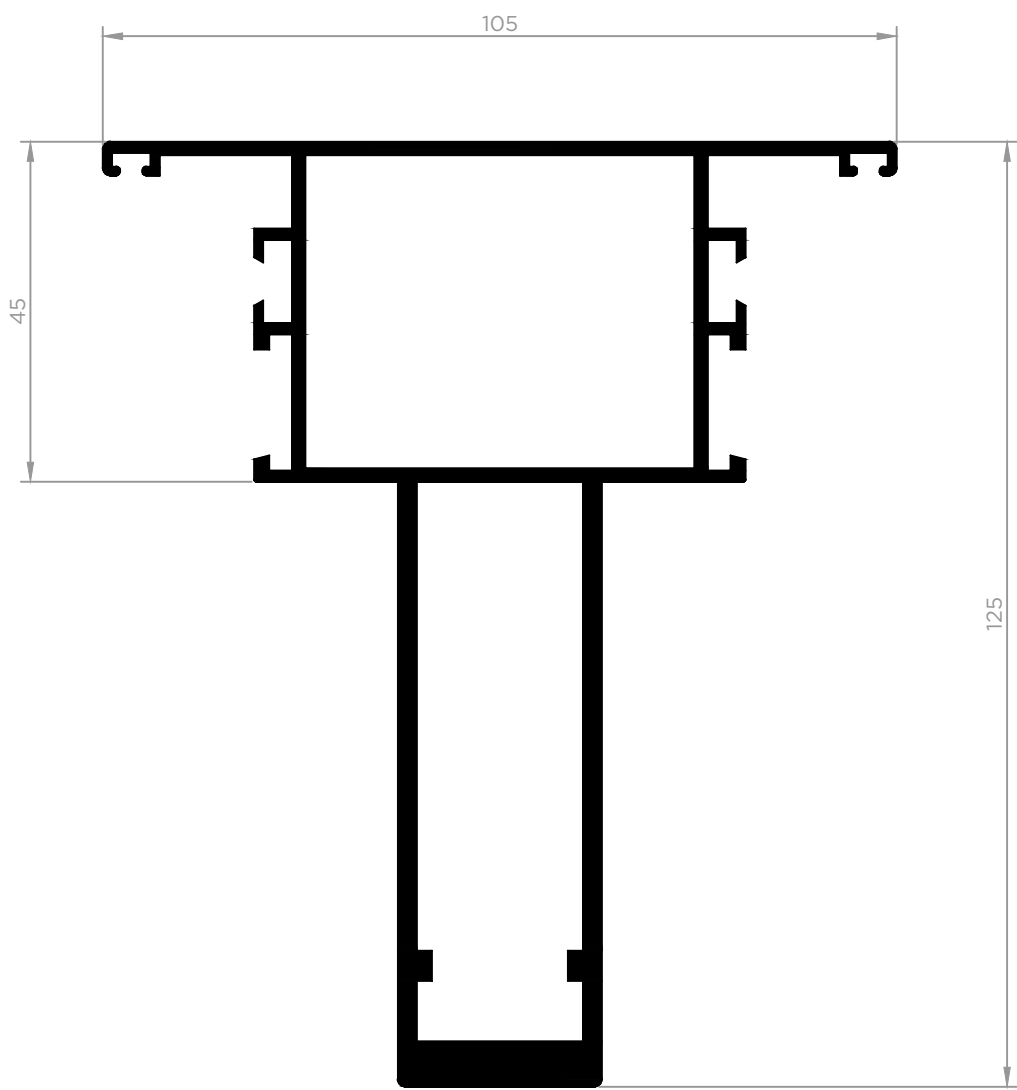
Pilastras | Pilastra | Pilastres | Pilasters



04148*
Pilastra reforçada
Janela reforçada
Pilastre renforcé
Reinforced pilaster

* Consultar disponibilidad | Verificar disponibilidade | Consulter disponibilité | Please consult availability.

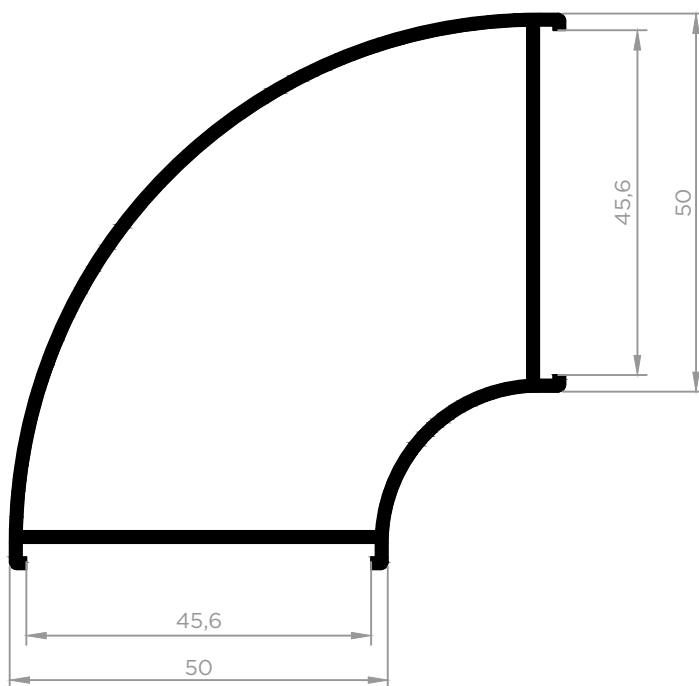
Pilastras | Pilastra | Pilastres | Pilasters



04152*
Pilastra reforçada
Janela reforçada
Pilastre renforcé
Reinforced pilaster

* Consultar disponibilidad | Verificar disponibilidade | Consulter disponibilité | Please consult availability.

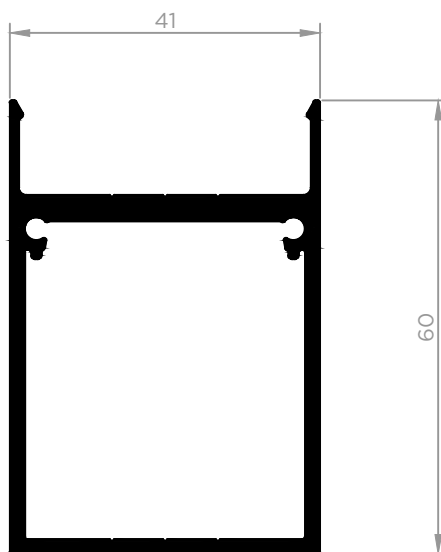
Esquineros | Cantos | Coin | Corner piece



00208*
Esquinero 90°
Canto 90°
Coin 90 °
90° piece

* Consultar disponibilidad | Verificar disponibilidade | Consulter disponibilité | Please consult availability.

Refuerzos | Reforço | Renfort | Reinforcement



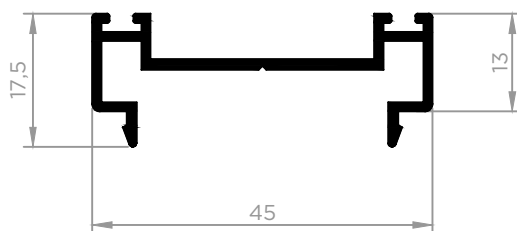
07136*
Refuerzo 41 x 60 mm
Reforço 41 x 60 mm
Renfort 41 x 60 mm
41 x 60 mm reinforcement



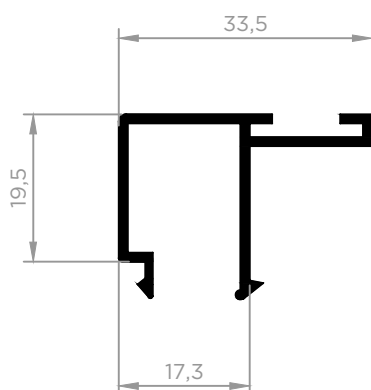
05503*
Tapeta de refuerzo
Tampa de reforço
Capot de reinforcement
Reinforcement placket

* Consultar disponibilidad | Verificar disponibilidade | Consulter disponibilité | Please consult availability.

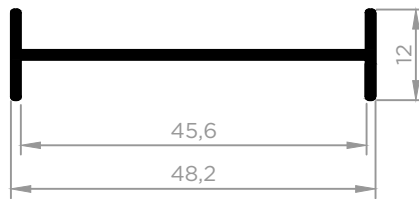
Complementos | Complementos | Compléments | Complements



04711
Clip Vaivén
Clip vaivém
Clip va-et-vient
Swing door clip



70033
Clip portafelpudos
Clip para pelúcia
Clip pour joint-brosse
Doormat holder clip



04392*

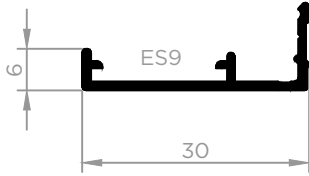
Unión de marcos

União de aros

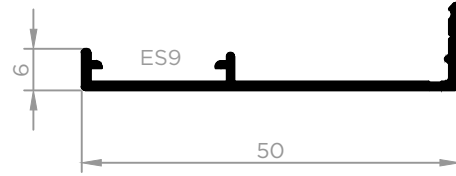
Profil pour connexion de cadres

Frame joint

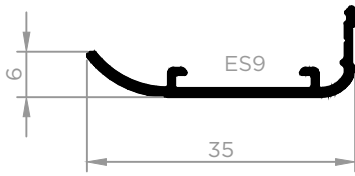
Solapes | Remates | Couvre joint | Joint covers



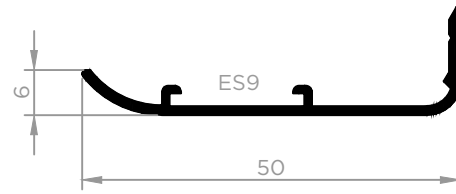
07151
Solape recto de 30 mm para grapa plástica
Remate reto 30 mm para grapa plástica
Couvre-joint droit de 30 mm pour pince plastique
30 mm straight joint cover for plastic clamp



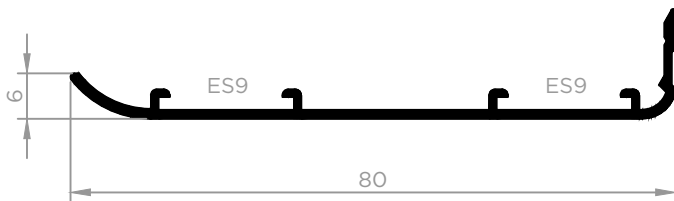
07188
Solape recto de 50 mm para grapa plástica
Remate reto 50 mm para grapa plástica
Couvre-joint droit de 50 mm pour pince plastique
50 mm straight joint cover for plastic clamp



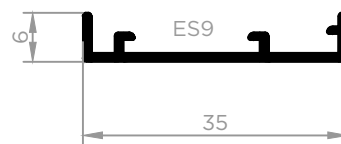
04574
Solape curvo de 35 mm para grapa plástica
Remate curvo 35 mm para grapa plástica
Couvre-joint courbé de 35 mm pour pince plastique
30 mm curved joint cover for plastic clamp



04575
Solape curvo de 50 mm para grapa plástica
Remate curvo 50 mm para grapa plástica
Couvre-joint courbé de 50 mm pour pince plastique
50 mm curved joint cover for plastic clamp



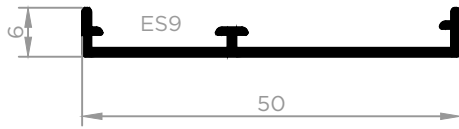
04576*
Solape curvo de 80 mm para grapa plástica
Remate curvo 80 mm para grapa plástica
Couvre-joint courbé de 80 mm pour pince plastique
80 mm curved joint cover for plastic clamp



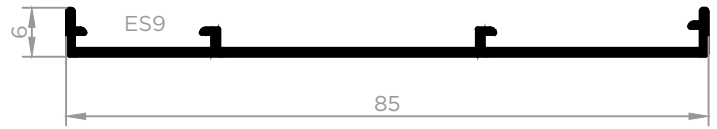
07187*
Solape recto de 35 mm para grapa de aluminio 7186
Remate reto 35 mm para grapa de aluminio 7186
Couvre-joint droit de 35 mm pour pince en aluminium 7186
30 mm straight joint cover for aluminium clamp 7186

* Consultar disponibilidad | Verificar disponibilidade | Consulter disponibilité | Please consult availability.

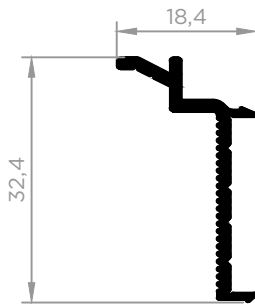
Solapes | Remates | Couvre joint | Joint covers



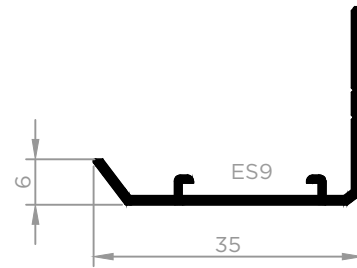
07196*
Solape recto de 50 mm para grapa de aluminio 7186
Remate reto 50 mm para grapa de alumínio 7186
Couvre-joint droit de 50 mm pour pince en aluminium 7186
50 mm straight joint cover for aluminium clamp 7186



07386*
Solape recto de 85 mm para grapa de aluminio 7186
Remate reto 85 mm para grapa de alumínio 7186
Couvre-joint droit de 85 mm pour pince en aluminium 7186
85 mm straight joint cover for aluminium clamp 7186



07186*
Grapa de aluminio para solapes 7187, 7196, y 7386
Grapa de alumínio para remate 7187, 7196 e 7386
Pince en aluminium pour couvre-joint 7187, 7196 et 7386
Aluminium clamp for joint cover 7187, 7196 and 7386



04829*
Solape atornillado de 35 mm
Guarnição aparafusada de 35 mm
Couvre-joint visé de 35 mm
Screwed joint cover of 35 mm

* Consultar disponibilidad | Verificar disponibilidade | Consulter disponibilité | Please consult availability.

STRUGAL

STRUGAL **S45C**



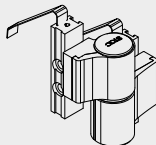
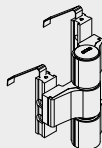
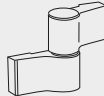
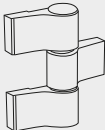
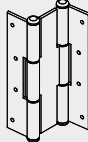


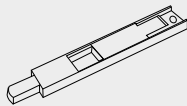
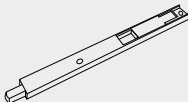
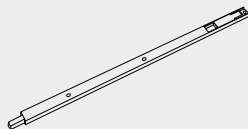

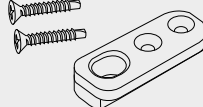


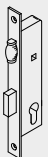

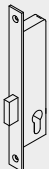
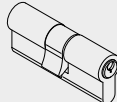
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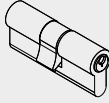
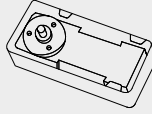
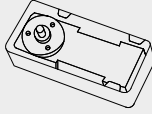

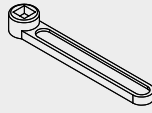
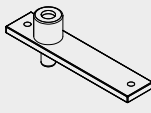
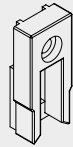
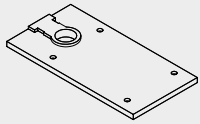
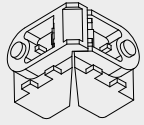
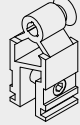
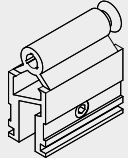
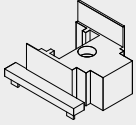
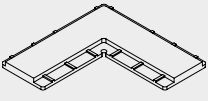
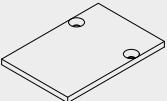
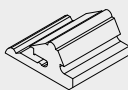
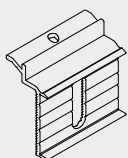
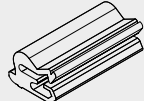
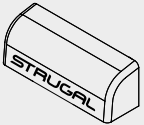
Acessórios
Accessories
Accessories

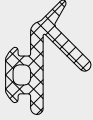

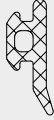



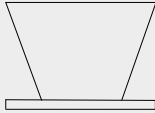


Componentes e secções | Composants et sections | Components and sections

COMPONENTES Y SECCIONES

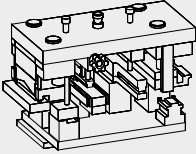
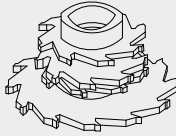
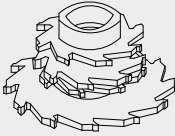
				
CRMIN11	CRMIN4DEL	CRMIN5	CSCR4	CRDEL2
Juego manilla minimalista de puerta STRUGAL. Juego manilha minimalista de porta STRUGAL. Jeu de poignées minimaliste de porte STRUGAL. Minimalist STRUGAL door handle set.	Juego manillas minimalista para puerta DELTA. Jogo de puxadores minimalistas para porta DELTA. Ensemble de poignées de porte minimalistes DELTA. Minimalist door handle set DELTA.	Juego manillas minimalista para puerta GAMMA. Juego manilha minimalista de porta GAMMA. Jeu de poignées minimaliste de porte GAMMA. Minimalist GAMMA door handle set.	Juego manillas para puerta STRUGAL. Conjunto de puxadores de porta STRUGAL. Jeu de poignées de porte STRUGAL. STRUGAL door handle set.	Juego manillas para puerta DELTA. Juego manilha de porta DELTA. Jeu de poignées de porte DELTA. DELTA door handle set.
				
CR40402	CR4040	CR40401	CDES1	CDES2
Juego manillas para puerta POLARIS. Conjunto de puxadores de porta POLARIS. Jeu de poignées de porte POLARIS. POLARIS door handle set.	Juego manillas para puerta GÉMINIS. Juego manilha de porta GÉMINIS. Jeu de poignées de porte GÉMINIS. GÉMINIS door handle set.	Juego manillas para puerta estrecha LIBRA. Jogo de puxadores para porta estreita LIBRA. Ensemble de poignées de porte étroite LIBRA.. LIBRA narrow door handle set.	Embelecedor de cilindro SIRIUS. Embelezador de cilindro SIRIUS. Enjoliveur du cylindre SIRIUS. Cylinder trim SIRIUS.	Embelecedor de cilindro GÉMINIS. Embelezador de cilindro GÉMINIS. Enjoliveur du cylindre GÉMINIS. Cylinder trim GÉMINIS.
				
CDES3	T15	T151I	T151D	TITAUINC D
Embelecedor cilindro SLIM. Embelezador de cilindro SLIM. Enjoliveur de cylindre SLIM. SLIM cylinder trim.	Juego tirador NAOS. Jogo puxador NAOS. Set poignée NAOS. NAOS pull handle set.	Asa tirador NAOS simple izquierdo. Asa puxador NAOS simples esquerdo. Poignée NAOS simple gauche. Left simple NAOS pull handle.	Asa tirador NAOS simple derecho. Asa puxador NAOS simples derecho. Poignée NAOS simple droit. Right simple NAOS pull handle.	Tirador TAU inclinado derecho. Puxador TAU inclinado direito. Anse TAU inclinée droite. TAU handle right-angled.
				
TITAUINCI	TITAUREC	TITAUKITOS	TITAUKITOD	BI4571I
Tirador TAU inclinado izquierdo. Puxador TAU inclinado esquerdo. Anse TAU inclinée gauche. TAU handle left-angled.	Tirador TAU recto con kit de fijación simple. Puxador reto TAU com kit de fixação simples. Poignée droite TAU avec kit de fixation simple. Straight TAU handle with single fixing kit.	Kit de fijación para tirador simple TAU. Kit de fixação puxador para simple TAU. Kit de fixation pour anse simple TAU. Installation kit for basic TAU handle.	Kit de fijación para juego de tiradores TAU. Kit de fixação para jogo de puxadores TAU. Kit de fixation pour Jeu de Anses TAU. Installation kit for TAU handles set.	Bisagra 2 palas ACRUX FR < 90 kg/hoja. Izquierda. Dobradiça 2 barras ACRUX FR < 90kg/lâmina. Esquerda. Charnière ACRUX FR à deux lames < 90 kg/vantail. Gauche. ACRUX FR two-leaf hinge < 90kg/sash. Left.

				
BI4571D Bisagra 2 palas ACRUX FR < 90 kg/hoja. Derecha. Dobradiça 2 barras ACRUX FR < 90kg/lâmina. Dereita. Charnière ACRUX FR à deux lames < 90 kg/vantail. Droite. ACRUX FR two-leaf hinge < 90kg/sash. Right.	BI4572 Bisagra 3 palas ACRUX FR < 120 kg/hoja. Dobradiça 3 barras ACRUX FR < 120 kg/folha. Charnière ACRUX FR à 3 lames < 120 kg/vantail. ACRUX FR 3-leaf hinge < 120 kg/sash.	BI457 Bisagra ARIES 2 palas fijación tradicional (C=80 mm). Dobradiça de Áries 2 lâminas de fixação tradicional (C=80 mm). Charnière ARIES 2 ailes fixation traditionnelle (C=80 mm). Aries 2-sash hinge traditional installation (C=80 mm).	BI4573 Bisagra ARIES 3 palas fijación tradicional (C=80 mm). Dobradiça de Áries 3 lâminas de fixação tradicional (C=80 mm). Charnière ARIES 3 ailes fixation traditionnelle (C=80 mm). Aries 3-sash hinge traditional installation (C=80 mm).	BI4574 Bisagra ARIES 2 palas fijación tradicional (C=93 mm) apertura exterior con fijos. Dobradiça ARIES 2 lâminas de fixação tradicional (C=93 mm) abertura exterior com fixos. Charnière ARIES 2 lames fixation traditionnelle (C=93 mm) ouverture extérieure avec fixations. Hinge ARIES 2 blades traditional fixing (C=93 mm) external opening with fixings.
				
BI4575 Bisagra ARIES 3 palas fijación tradicional (C=93 mm) apertura exterior con fijos. Dobradiça ARIES 3 lâminas de fixação tradicional (C=93 mm) abertura exterior com fixos. Charnière ARIES 3 lames fixation traditionnelle (C=93 mm) ouverture extérieure avec fixations. Hinge ARIES 3 blades traditional fixing (C=93 mm) external opening with fixings.	BI59A Bisagra doble acción. Dobradiça dupla ação. Charnière double action. Double-action hinge.	PA300 Kit pasador de palanca largo, aperturas practicables. Kit passador de alavanca largo, aberturas batentes. Kit fermeture à levier, ouvertures à la française. Long flat bolt kit, casement opening.	PA250 Kit pasador de palanca corto, aperturas practicables. Kit passador de alavanca curto, aberturas batentes. Kit fermeture à levier court, ouvertures à la française. Short casement flat bolt kit, casement opening.	PA140 Pasador DENEb 140 mm. Passador DENEb 140 mm. Fermeture à levier DENEb 140 mm. 140 mm DENEb flat bolt.
				
PA220 Pasador DENEb 220 mm. Passador DENEb 220 mm. Fermeture à levier DENEb 220 mm. 220 mm DENEb flat bolt.	PA450 Pasador DENEb 450 mm. Passador DENEb 450 mm. Fermeture à levier DENEb 450 mm. 450 mm DENEb flat bolt.	PA0 Guardapolvo terminal punta de acero. Guarda-pó terminal ponta de aço. Pare-poussière terminal pointe en acier. Terminal dust-cover, steel point.	PA0S Punto de cierre superior para pasadores DENEb. Ponto de fecho superior para pernos DENEb. Point de fermeture supérieure pour les verrous DENEb. Dust cover for DENEb flash bolts.	CD407303 Cerradura resbalón 3 palancas basculantes sin cilindro inox E-30. Fechadura lingueta e 3 alavancas bascul. sem cilindro inox. E=30. Serrure loquet + 3 leviers basculant sans cylindre inox E-30. Swivel latch and 3 bolt lock E-30 stainless steel without cylinder.
				
CD40130 Cerradura resbalón y palanca deslizante sin cilindro inox E-30. Fechadura lingueta e alavanca deslizante sem cilindro inox E=30. Serrure avec pêne 1/2 tour et pêne dormant sans cylindre E=30. Swivel latch with stainless deck E=30 without cylinder.	CD40230 Cerradura resbalón y palanca deslizante sin cilindro inox E-30. Fechadura lingueta e alavanca deslizante sem cilindro inox E=30. Serrure avec pêne 1/2 tour et pêne dormant sans cylindre E=30. Swivel latch with stainless deck E=30 without cylinder.	CD40330 Cerradura sólo palanca deslizante sin cilindro inox E=30. Fechadura só alavanca deslizante sem cilindro inox E=30. Serrure coulissante inox E=30 avec pêne dormant uniquement sans cylindre. Only sliding bolt lock stainless steel E=30 without cylinder.	CD40335 Cerradura solo palanca deslizante sin cilindro inox vaivén E-30. Fechadura só alavanca deslizante em aço inoxidável E=30 sem cilindro. Serrure coulissante inox avec pêne dormant uniquement E=30 sans cylindre. Only sliding bolt lock stainless steel E=30 without cylinder.	CD13030L Cilindro pera 30x30 mm leva larga níquel para vaivén. Canhão pera 30x30 mm tranca comprida níquel para vaivén. Serrure cylindre 30 x 30 mm longue came nickelée pour le va-et-vient. Cylinder pear 30x30 mm long cam nickel plated for bi-direction opening.

				
CD6463	CD8459	CD2733	CS60251	CS60241
Cerradero coplanar.	Cerradero vaivén.	Cilindro pera 27x33 mm níquel.	Válvula de sobrecarga 170 kg - 105° - 1100 mm.	Válvula de sobrecarga 170 kg - 90° - 1100 mm.
Fecho coplanar.	Fecho vaivém.	Cilindro pera 27x33 níquel.	Válvula de sobrecarga 170 kg - 105° - 1100 mm.	Válvula de sobrecarga 170 kg - 90° - 1100 mm.
Gâche coplanaire.	Gâche oscillant.	Cylindre à profil européen 27x33 Nickel.	Clapet de surcharge 170 kg - 105° - 1100 mm.	Clapet de surcharge 170 kg - 90° - 1100 mm.
Coplanar striker.	Swing striker.	Cylinder 27x33. Nickel.	Overload valve: 170 kg - 105° - 1100 mm.	Overload valve: 170 kg - 90° - 1100 mm.
				
AC340	CS71110	CS71115	CR453	CS7124
Pernio intercambiable.	Brazo inferior vaivén.	Brazo superior vaivén.	Taco falleba 3er punto cierre.	Placa cobertura inox.
Dobradiça intercambiável.	Braço inferior vaivém.	Braço superior vaivém.	Taco barra cremone 3er ponto fecho.	Placa cobertura inox.
Boulon interchangeable.	Bras oscillant inférieure.	Bras oscillant supérieur.	Cale espagnolette 3 points de fermeture.	Plaque de couverture en acier inoxydable.
Interchangeable hinge.	Lower swing arm.	Upper swing arm.	Espagnolette block 3rd locking point.	Stainless cover plate.
				
ES402	ES453	ES744	TP4709	ES9
Escuadra de inyección pivotes.	Unión travesaños estrecha canal europeo.	Unión travesaños anchos canal europeo.	Juego tapa inversor STRUGAL S45C.	Escuadra alineación poliamida.
Esquadro injeção pivotes da.	União travessas estreita canal europeu.	União travessas largas canal europeu.	Jogo tampa inversor STRUGAL S45C.	Esquadro alinhamento poliamida.
Équerre d'injection pivots.	Tasseau de petite traversée gorge européen.	Union traveses larges gorge européen.	Jeu bouchons battue STRUGAL S45C.	Équerre alignement polyamide.
Pivoting injection bracket.	European groove narrow crosspiece joint.	European groove wide crosspiece joint.	STRUGAL S45C inverter cover set.	Polyamide alignment bracket.
				
TP7136	GR4	GR45M	GR3	DF4
Tapa aluminio para refuerzo ref.: 7136	Grapa plástica de canal estrecho para fijación solapes.	Grapa de aluminio para solapes 7187, 7196 y 7386.	Grapa plástica para junquillos curvos y ovalados.	Deflector con trampilla 20x5 mm.
Tampa alumínio de reforço ref. 7136.	Grampo de canal estreito de fixação sobreposta.	Grapa de alumínio para remate 7187, 7196 e 7386.	Grapa plástica bite curvo e ovalado. Plástica.	Deflector com tampa 20x5 mm.
Bouchon aluminium renfort ref. 7136.	Agrafe canal étroit fixation couvre joints.	Agrafe en aluminium pour couvre-join 7187, 7196 et 7386.	Clip parclose courbe et ovalé. Plastique.	Buse à clapet anti-retour 20x5 mm.
Aluminium covering, for 7136 reinforcement frame.	Narrow groove clamp for fixation of flashing.	Aluminium clamp for 7187, 7196 and 7386 joint covers.	Plastic curved and oval glazing bar clamp.	Deflector with hatch 20x5 mm.

				
GO401	JU201	GO402	GO03	GO05
Junta estanquidad marco.	Junta estanquidad hoja.	Junta exterior acristalamiento / Junta estanquidad marco.	Junta interior acristalamiento 3 mm.	Junta interior acristalamiento 5 mm.
Junta impermeabilização aro.	Junta de vedação de lâmina.	Vedante exterior envidraçado / Joint Étanchéité aro.	Junta interior de envidraçamento 3 mm.	Junta interior de envidraçamento 5 mm.
Joint étanchéité dormant.	Joint d'étanchéité pour vantail.	Joint ext. vitrage / Joint étanchéité dormant.	Joint intérieur pour vitrage 3 mm.	Joint intérieur pour vitrage 5 mm.
Frame sealing gasket.	Panel gasket seal.	Outer glazing gasket / frame sealing gasket.	3 mm internal glazing seal.	5 mm internal glazing seal.
				
GO08	FP1410	FP57	FP59	
Junta interior acristalamiento 8 mm.	Felpa 14x10.	Felpa 5x7 mm.	Felpa 5x9 mm.	
Junta interior de envidraçamento 8 mm.	Felpe 14x10.	Pelúcia 5x7 mm.	Pelúcia 5x9 mm.	
Joint intérieur pour vitrage 8 mm.	Brosse 14x10.	Joint brosse 5x7 mm.	Joint brosse 5x9 mm.	
8 internal glazing seal.	14x10 felt.	5x7 mm felt.	5x9 mm felt.	

UTILLAJE | Ferramentas | Outillage | Tooling

		
MA46	FR45CM	FR45CH
Matriz de troquel para practicables.	Juego fresas marcos.	Juego fresas hoja.
Cunho para folhas batentes.	Jogo de fresas para aro.	Jogo de fresas para folha.
Moule de découpage pour ouvrants battants.	Jeux de fraise pour dormant.	Jeux de fraise pour ouvrant.
Die mould for hinged sash.	Set of drill for frames.	Set of sash drill.

STRUGAL

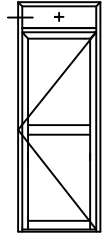
STRUGAL **S45C**

SECCIONES

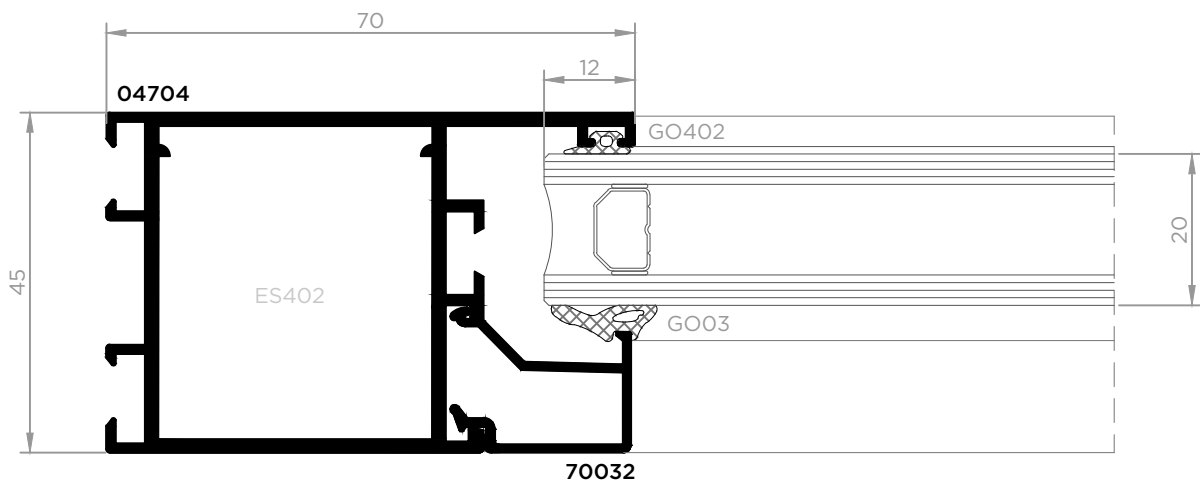
Secções
Sections
Sections

Componentes e secções | Composants et sections | Components and sections

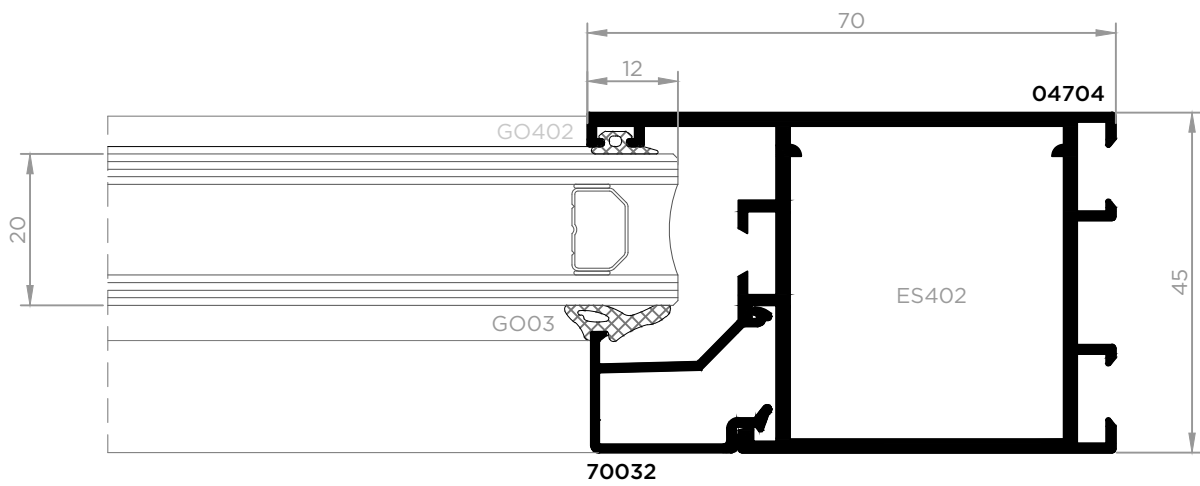
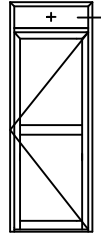
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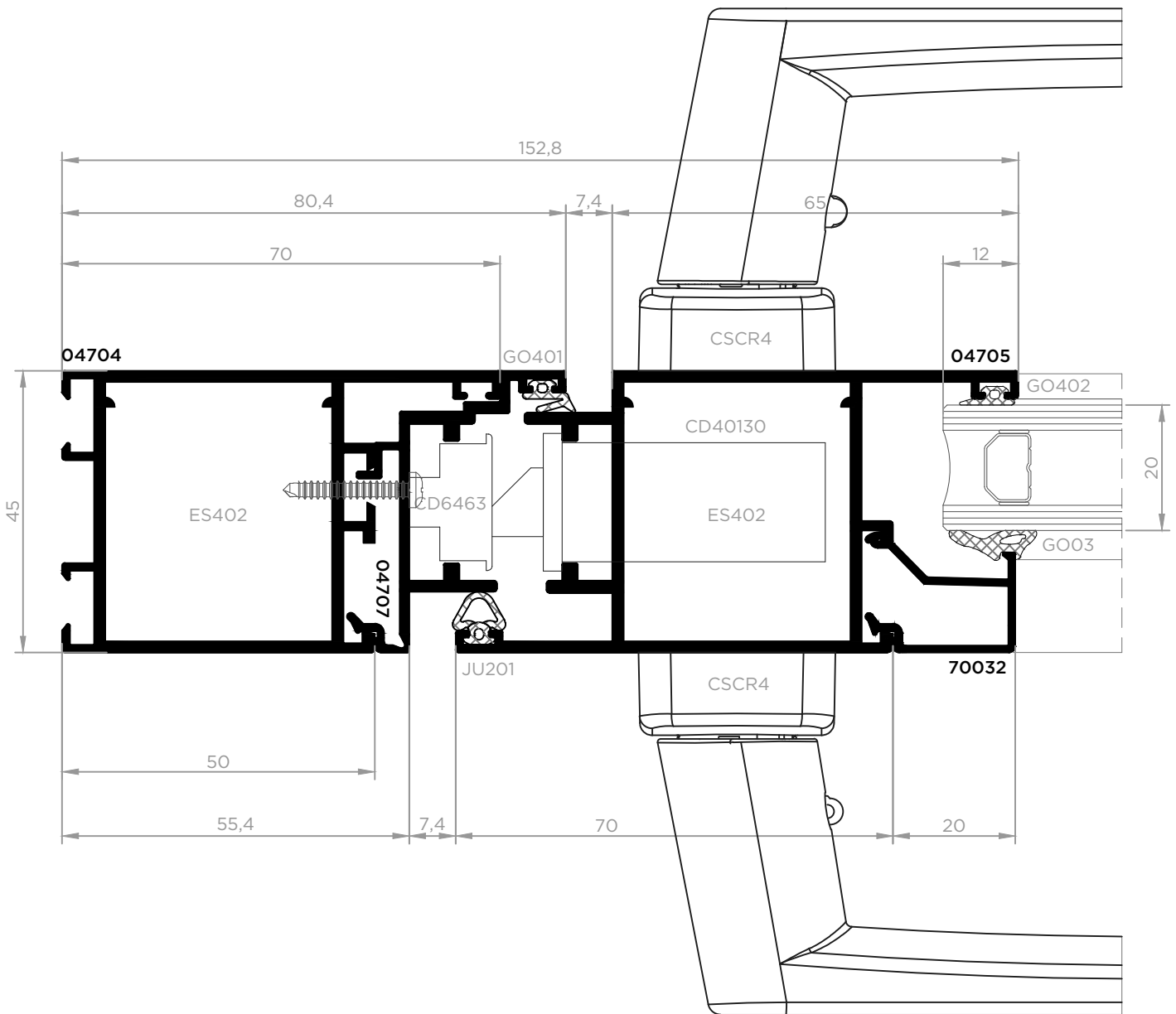
Sección lateral izquierda. Fijo superior | Secção lateral esquerda. Fixo superior | Section latérale gauche. Fixe supérieure | Side section left. Upper fixed



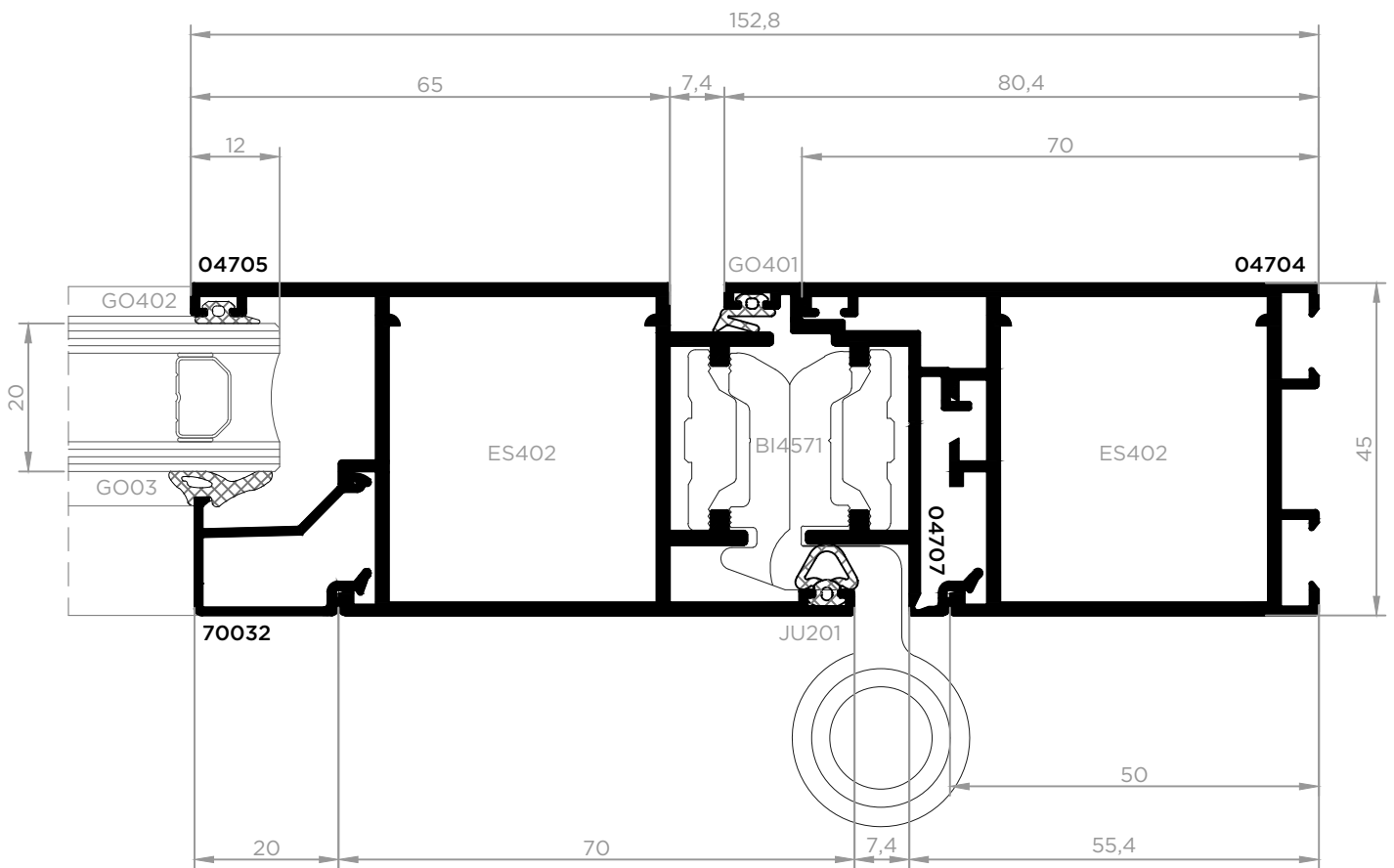
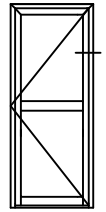
Sección lateral derecha. Fijo superior | Secção lateral direita. Fixo superior | Section latérale droite. Fixe supérieure | Side section right. Upper fixed



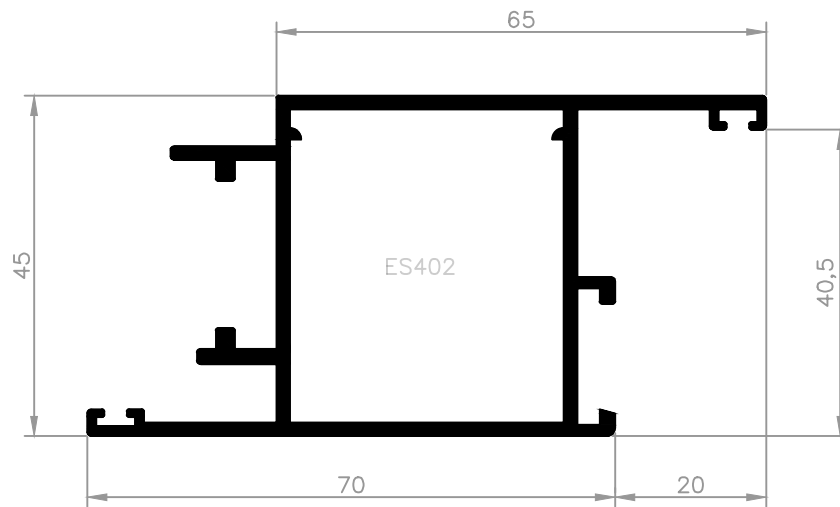
Sección lateral izquierda | Secção lateral esquerda | Section latérale gauche | Side section left



Sección lateral derecha | Secção lateral direita | Section latérale droite | Side section right



Hojas | Folhas | Ouvrants | Sashes



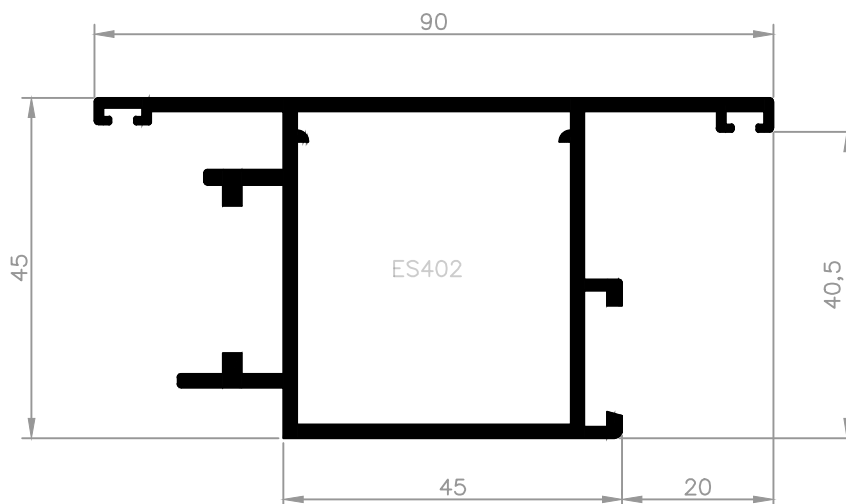
04705

Hoja puerta coplanar

Folha porta coplanar

Ouvrant porte coplanaire

Coplanar door sash



04706

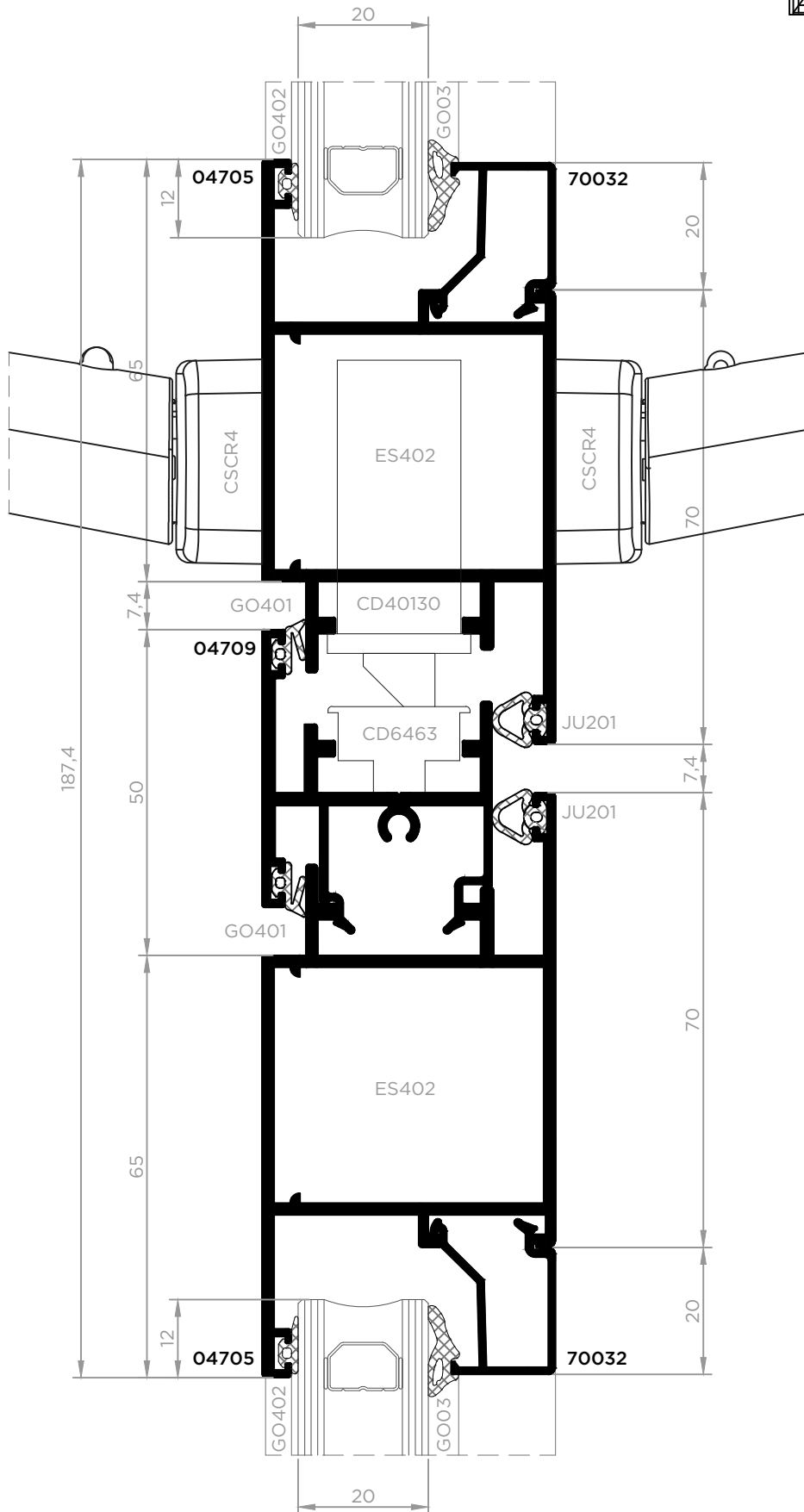
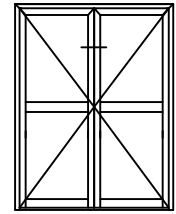
Hoja puerta ap. exterior coplanar

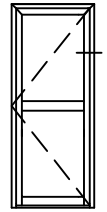
Folha porta abertura exterior coplanar

Ouvrant porte ouverture extérieur coplanaire

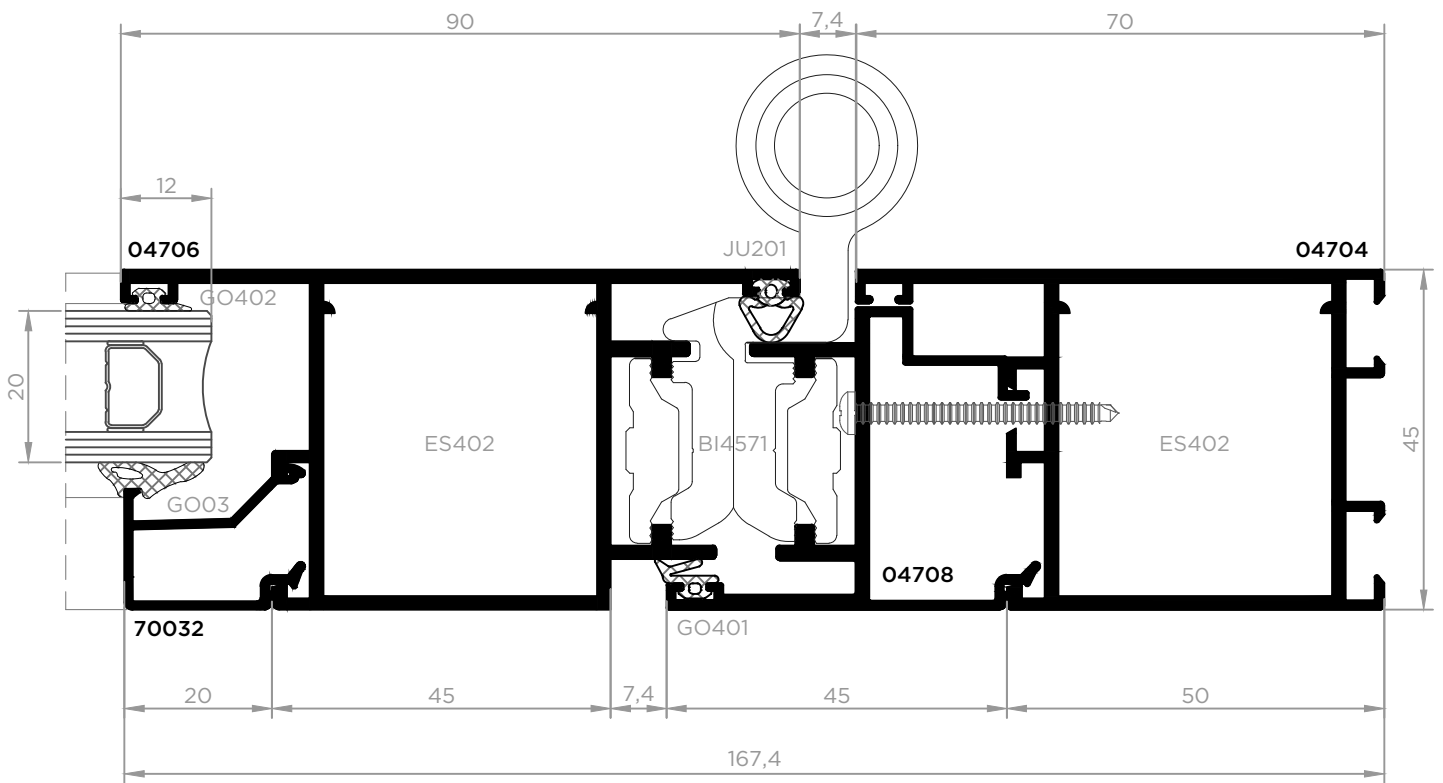
Coplanar door sash outward opening

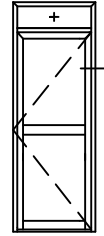
Sección central | Secção central | Section centrale | Middle section



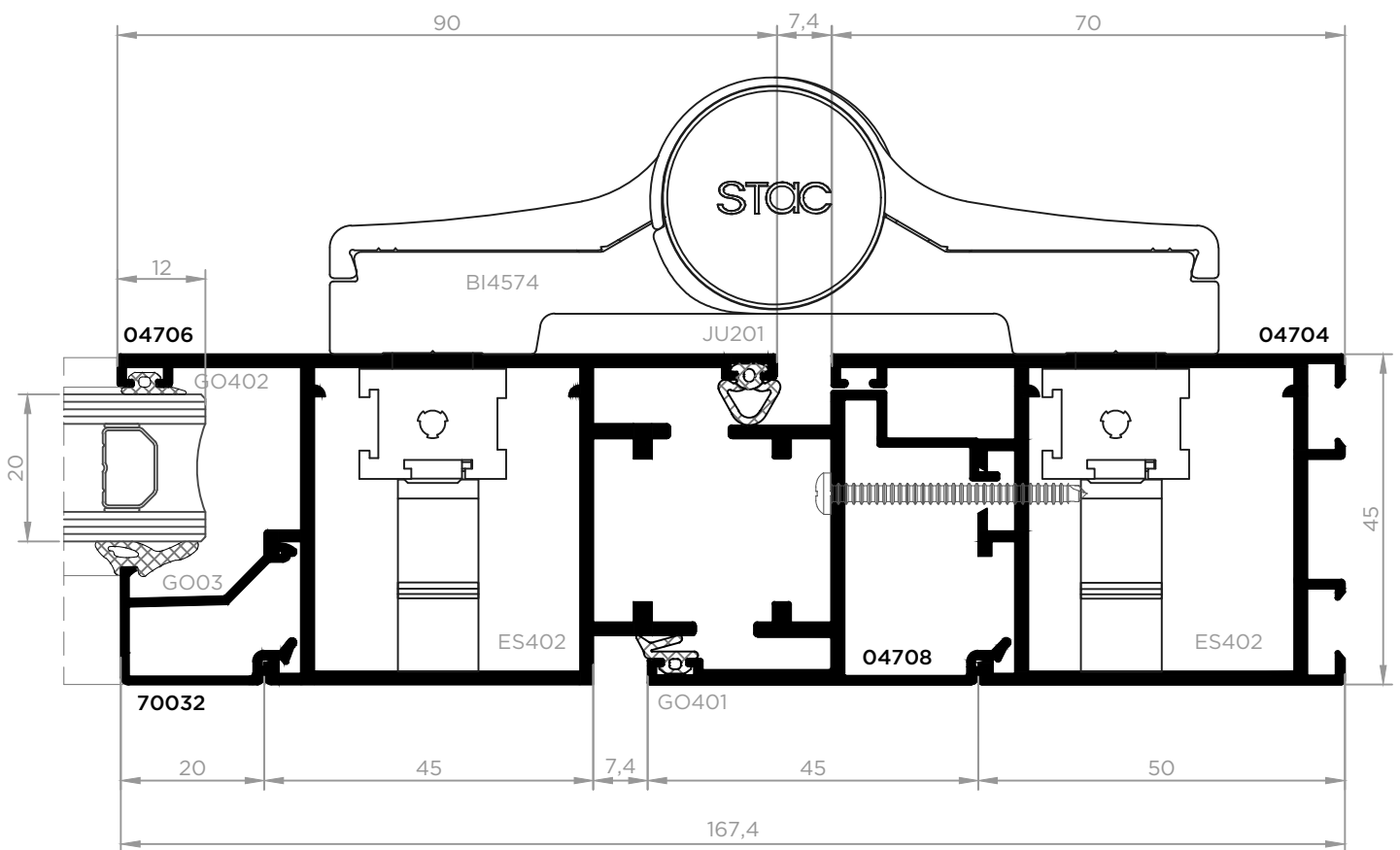


Sección lateral derecha. Ap. exterior | Secção lateral direita. Abertura exterior | Section latérale droite. Ouverture extérieur | Side section right. Outward opening

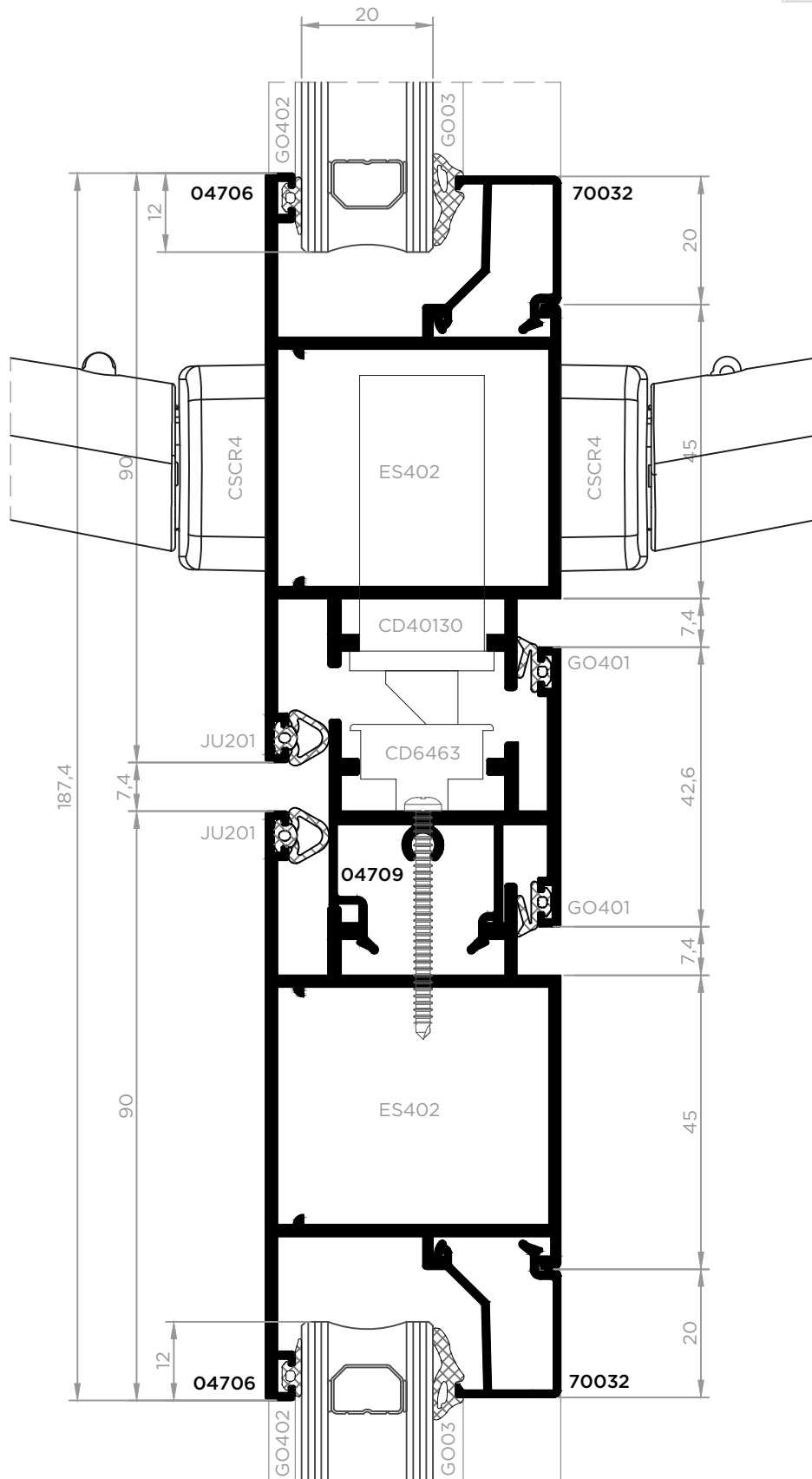


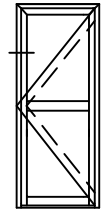


Sección lateral derecha con fijo superior . Ap. exterior | Secção lateral direita com fixo superior.
 Abertura exterior | Section latérale droite avec fixe supérieure. Ouverture extérieur | Side
 section right with upper fixed. Outward opening

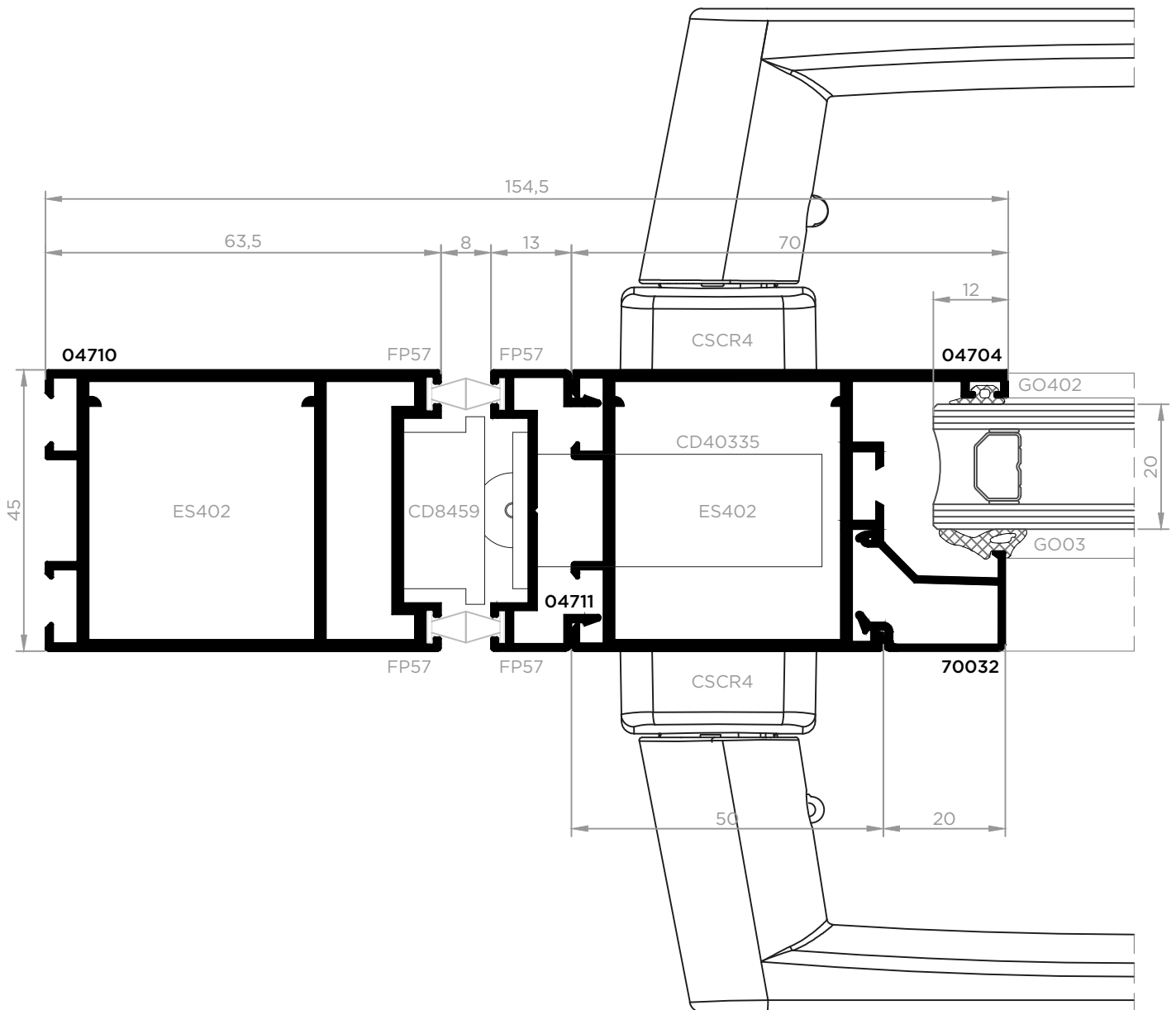


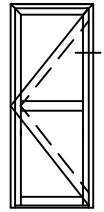
Sección central. Ap. exterior | Secção central. Abertura exterior | Section centrale. Ouverture extérieur | Middle section. Outward opening



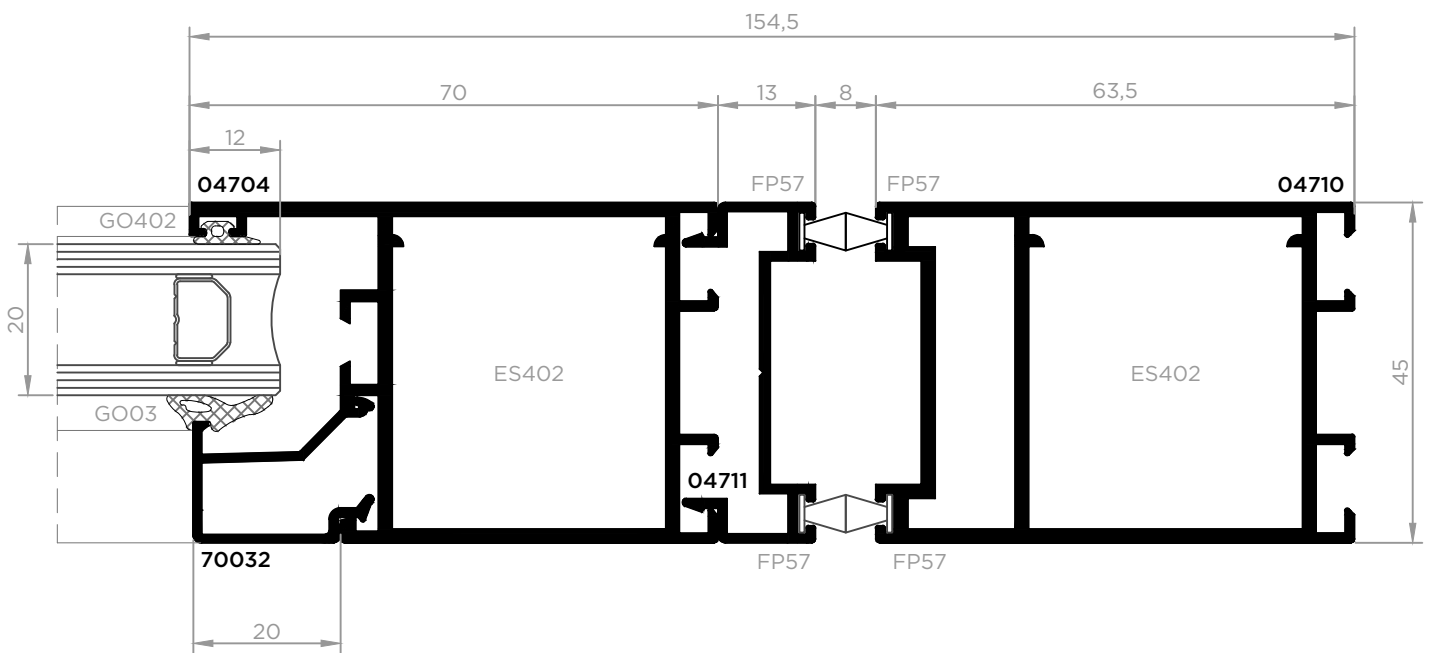


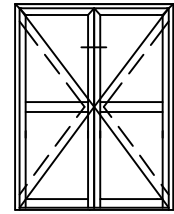
Sección lateral izquierda. Ap. vaivén | Secção lateral esquerda. Abertura vaivém | Section latérale gauche. Ouverture va-et-vient | Side section lef. Swing door



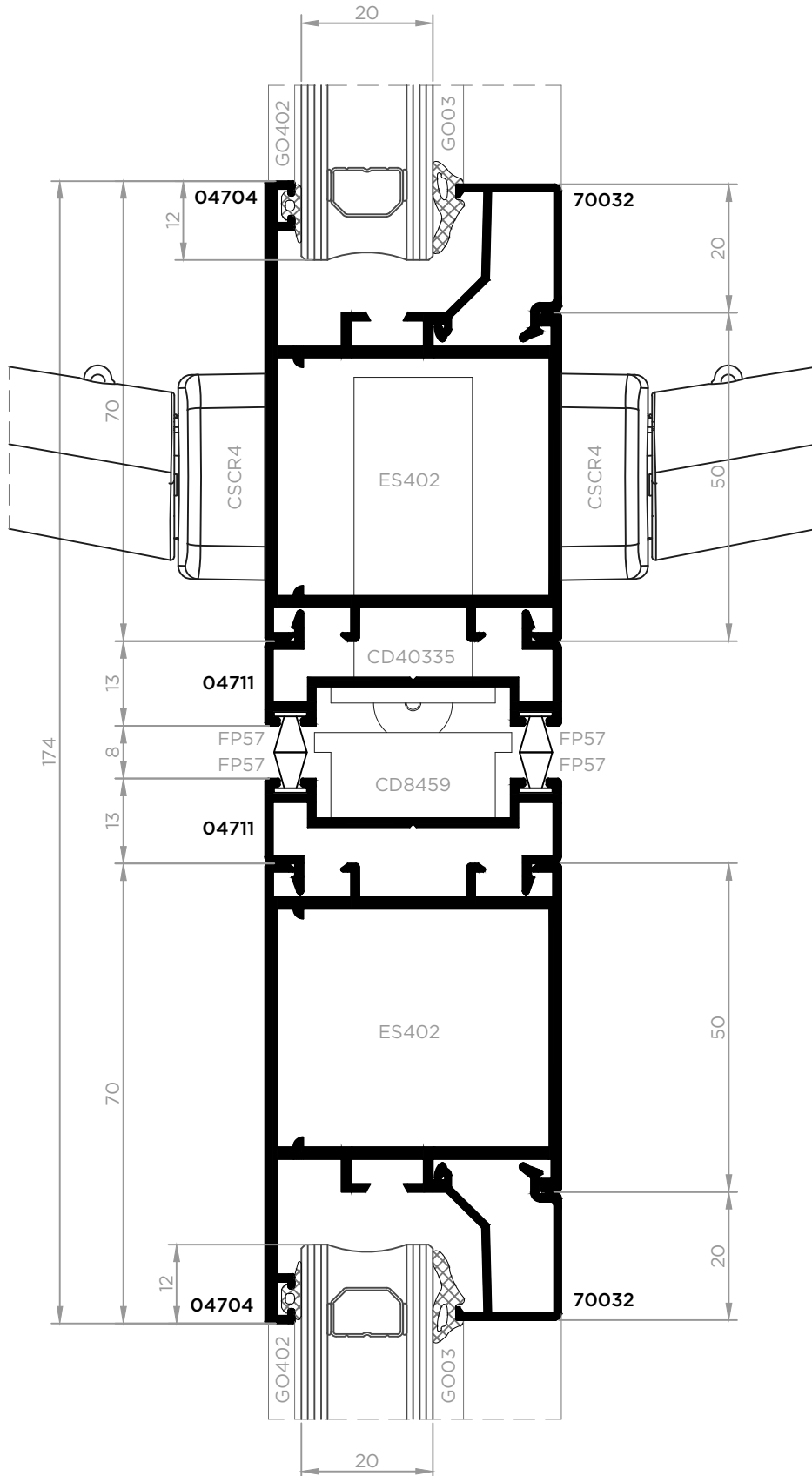


Sección lateral derecha. Ap. vaivén | Secção lateral direita. Abertura vaivém | Section latérale droite. Ouverture va-et-vient | Side section righth. Swing door

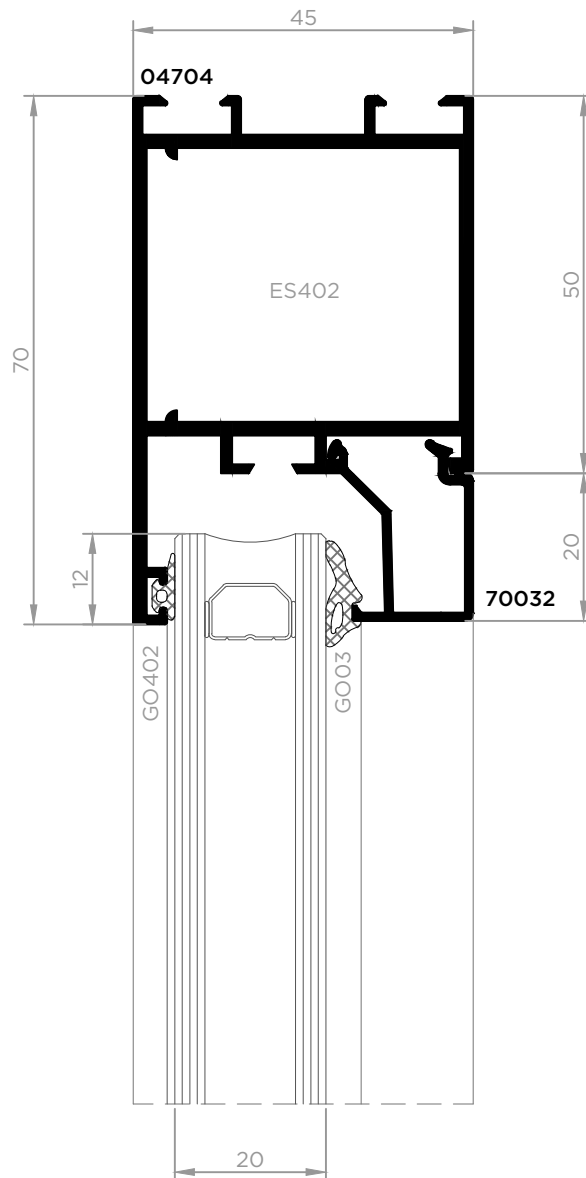
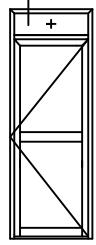




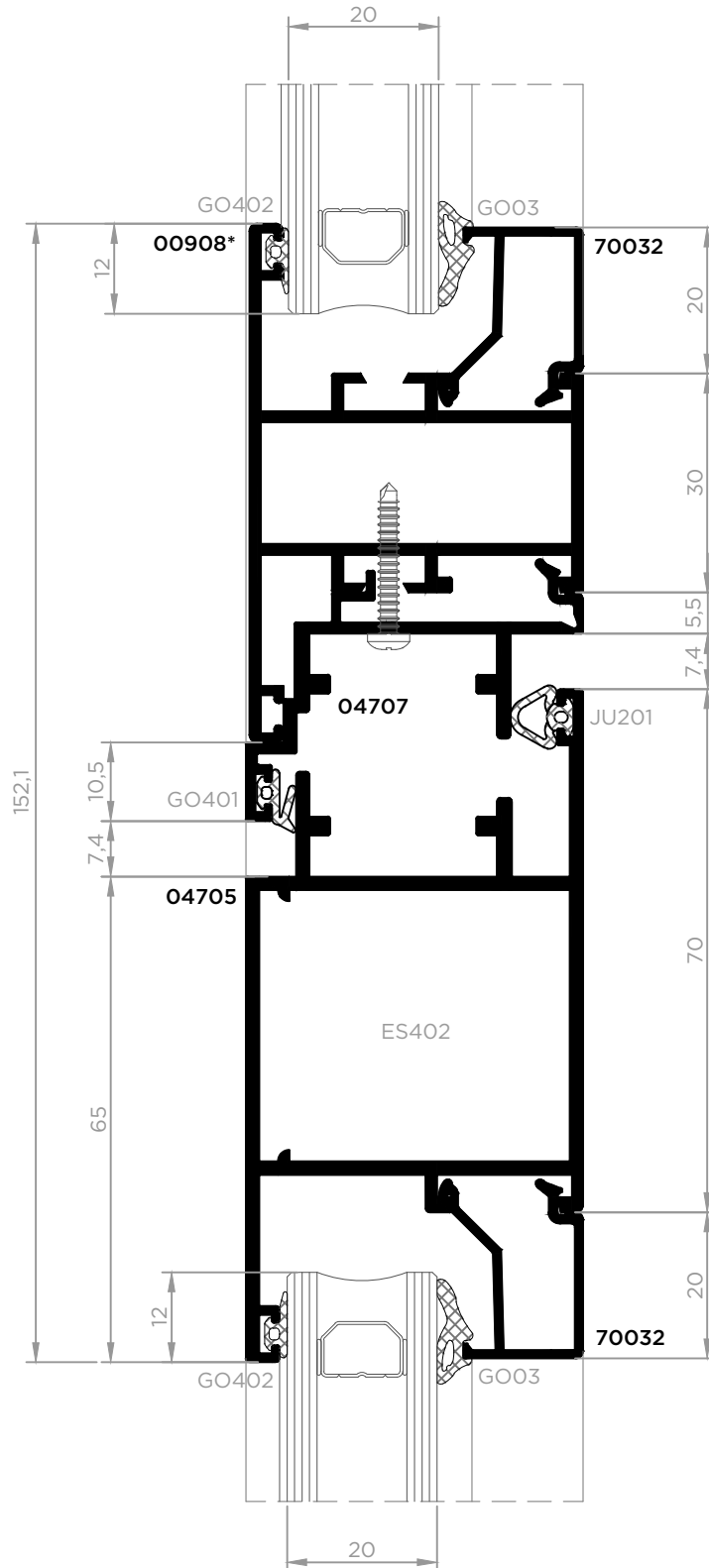
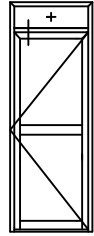
Sección central. Ap. vaivén | Secção central. Abertura vaivém | Section centrale Ouverture va-et-vient | Central section. Swing door



Sección superior. Fijo | Secção superior. Fixo | Section supérieure. Fixe | Upper section. fixed

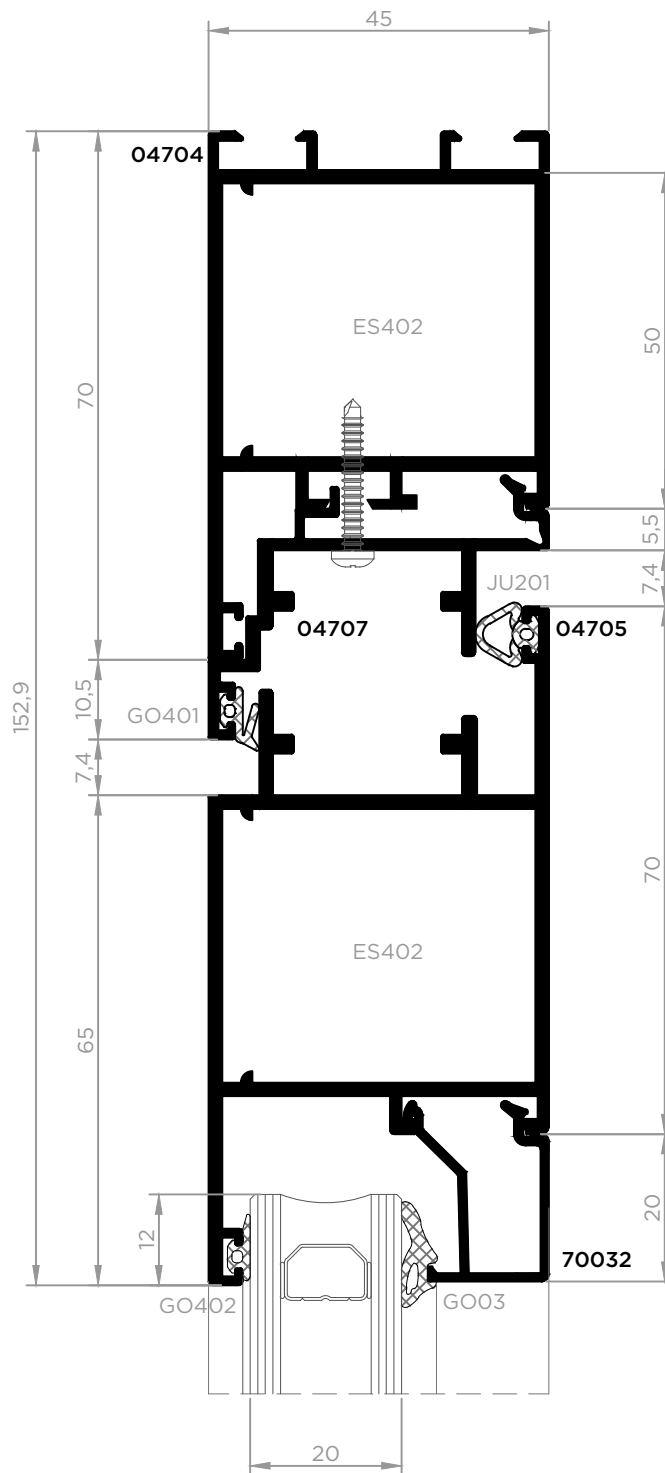
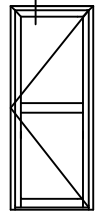


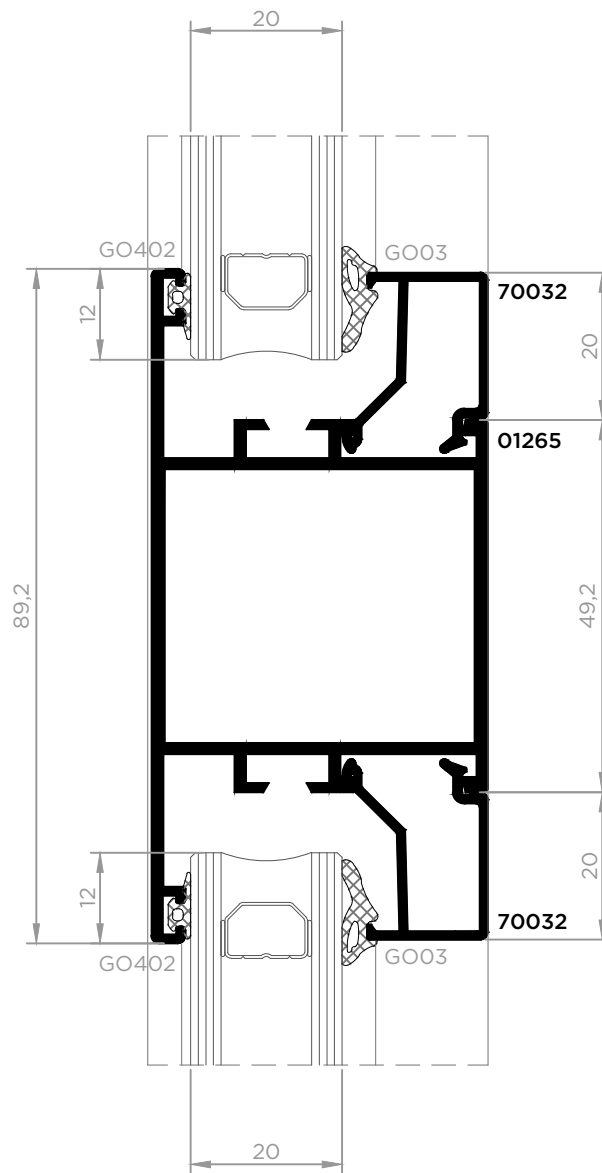
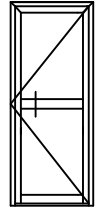
Sección inferior. Fijo | Secção inferior. Fixo | Section inférieure. Fixe | Lower section. fixed



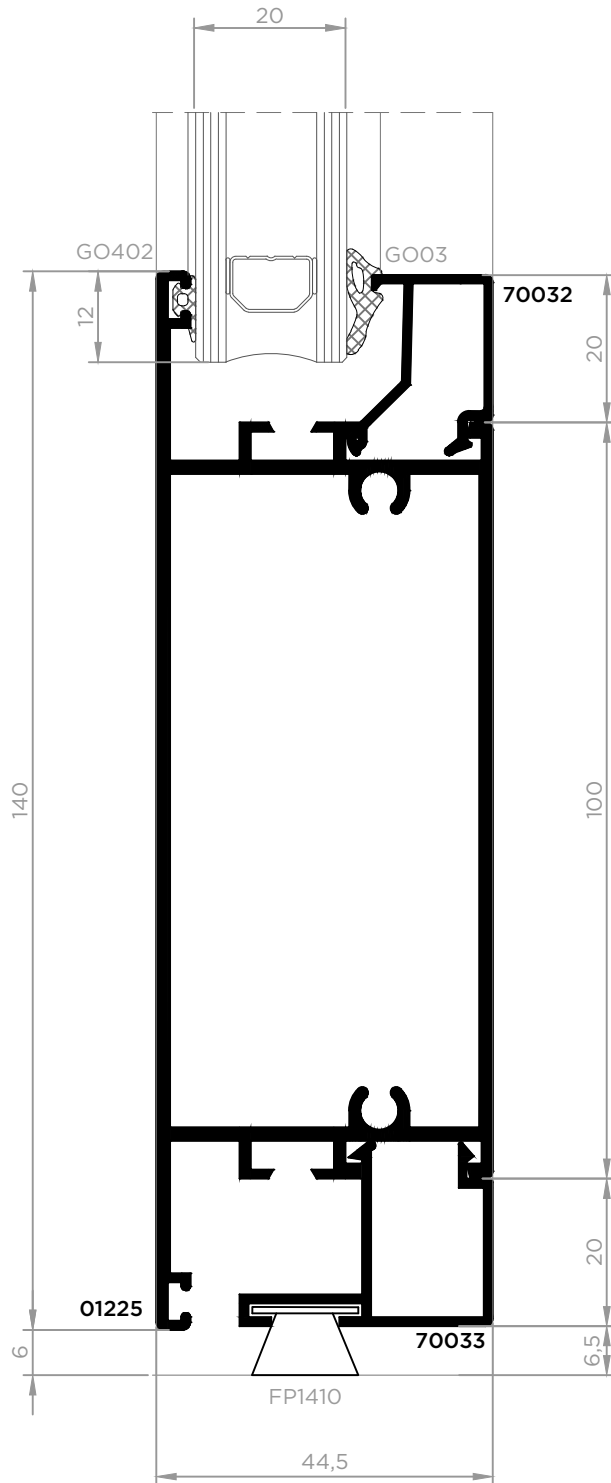
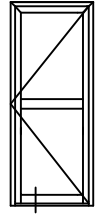
* Consultar disponibilidad | Verificar disponibilidade | Consulter disponibilité | Please consult availability.

Sección superior | Secção superior | Section supérieure | Upper section

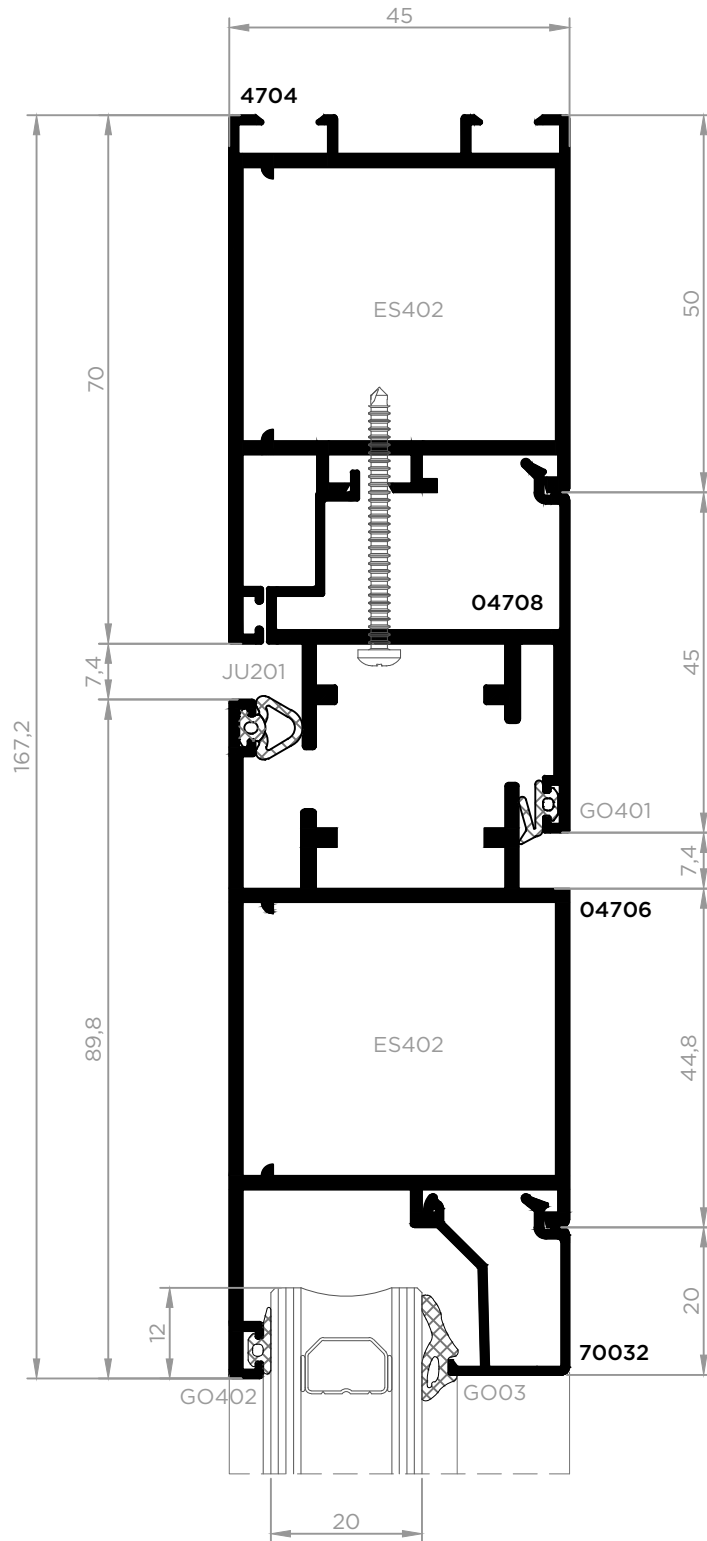
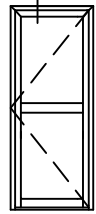


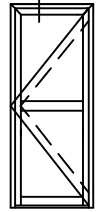


Sección inferior | Secção inferior | Section inférieure | Lower section

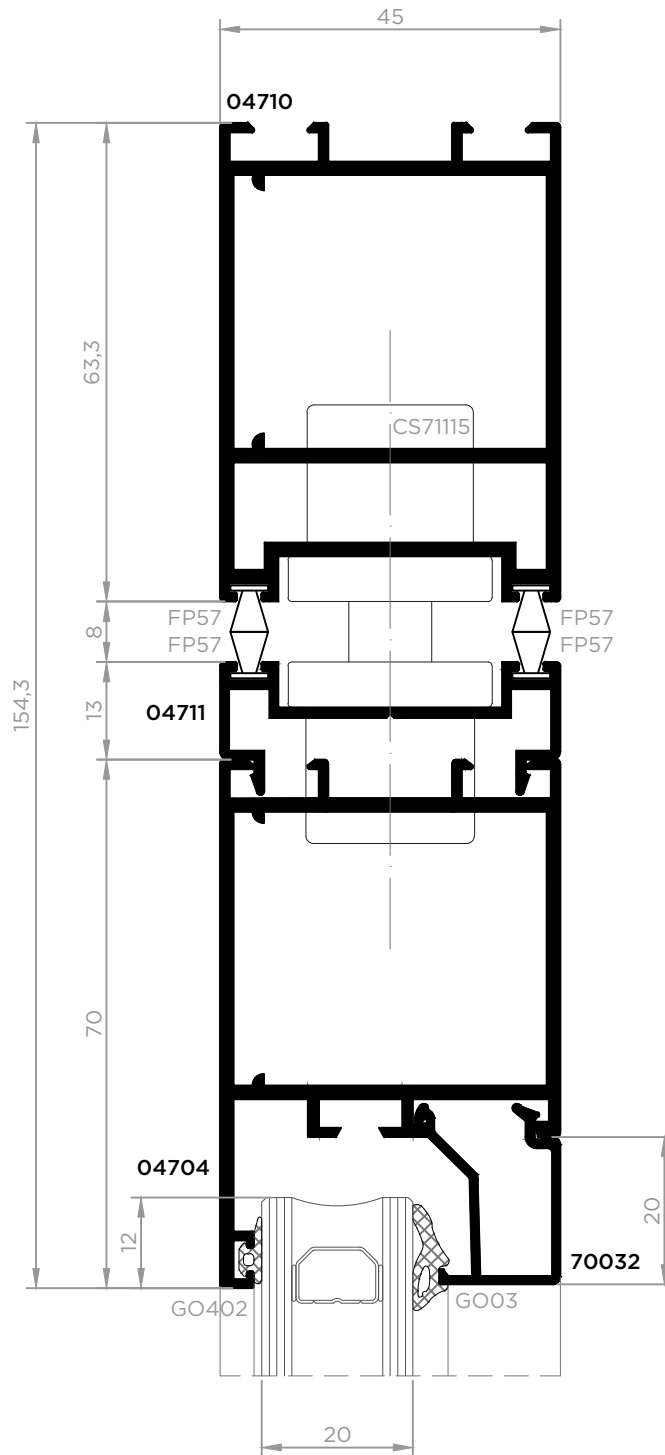


Sección superior. Ap. exterior | Secção superior. Abertura exterior | Section supérieure. Ouverture extérieur | Upper section. Outward opening

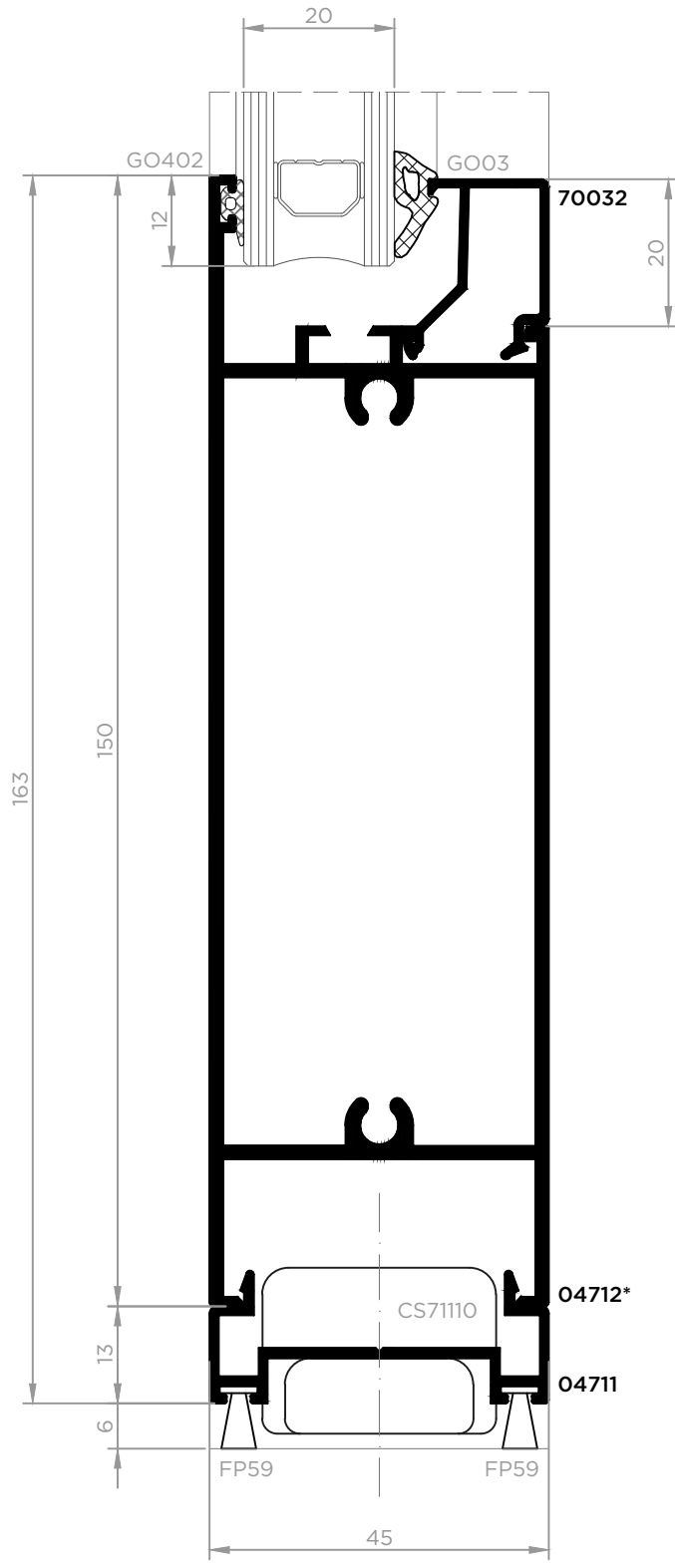
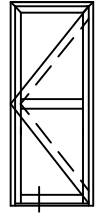




Sección superior. Ap. vaivén | Secção superior. Abertura vaivém | Section supérieure. Ouverture va-et-vient | Upper section. Swing door

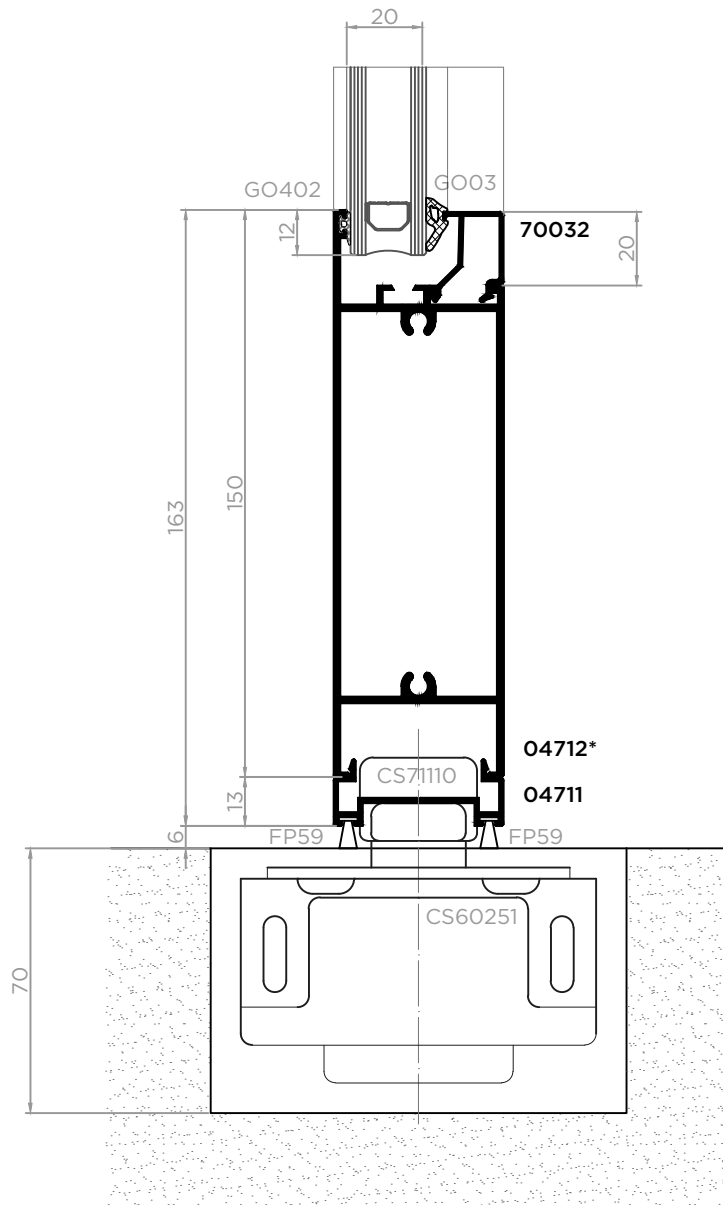
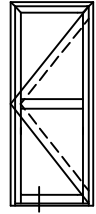


Sección inferior. Ap. vaivén | Secção inferior. Abertura vaivém | Section inférieure. Ouverture va-et-vient | Lower section. Swing door



* Consultar disponibilidad | Verificar disponibilidade | Consulter disponibilité | Please consult availability.

Sección inferior. Ap. vaivén | Secção inferior. Abertura vaivém | Section inférieure. Ouverture va-et-vient | Lower section. Swing door



* Consultar disponibilidad | Verificar disponibilidade | Consulter disponibilité | Please consult availability.

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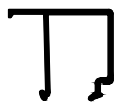
ACRISTALAMIENTO

Envidraçado

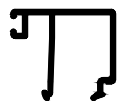
Vitrage

Glazing

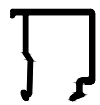
Junquillos rectos | Bites retos | Parclosos droites | Straight beading



70031



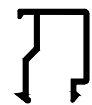
07390*



70108



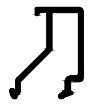
07040*



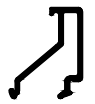
02115*



70032



70109

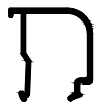


07431*



04960

Junquillos curvos | Bites curvos | Parclosos courbes | Curved beading



04959*



04847*



02087*



04845*



04958*



04915*



02088*



04856*

Junquillos ovalados | Bites ovaladas | Parclosos ovalées | Oval tongues



04567



70061



04566



70060



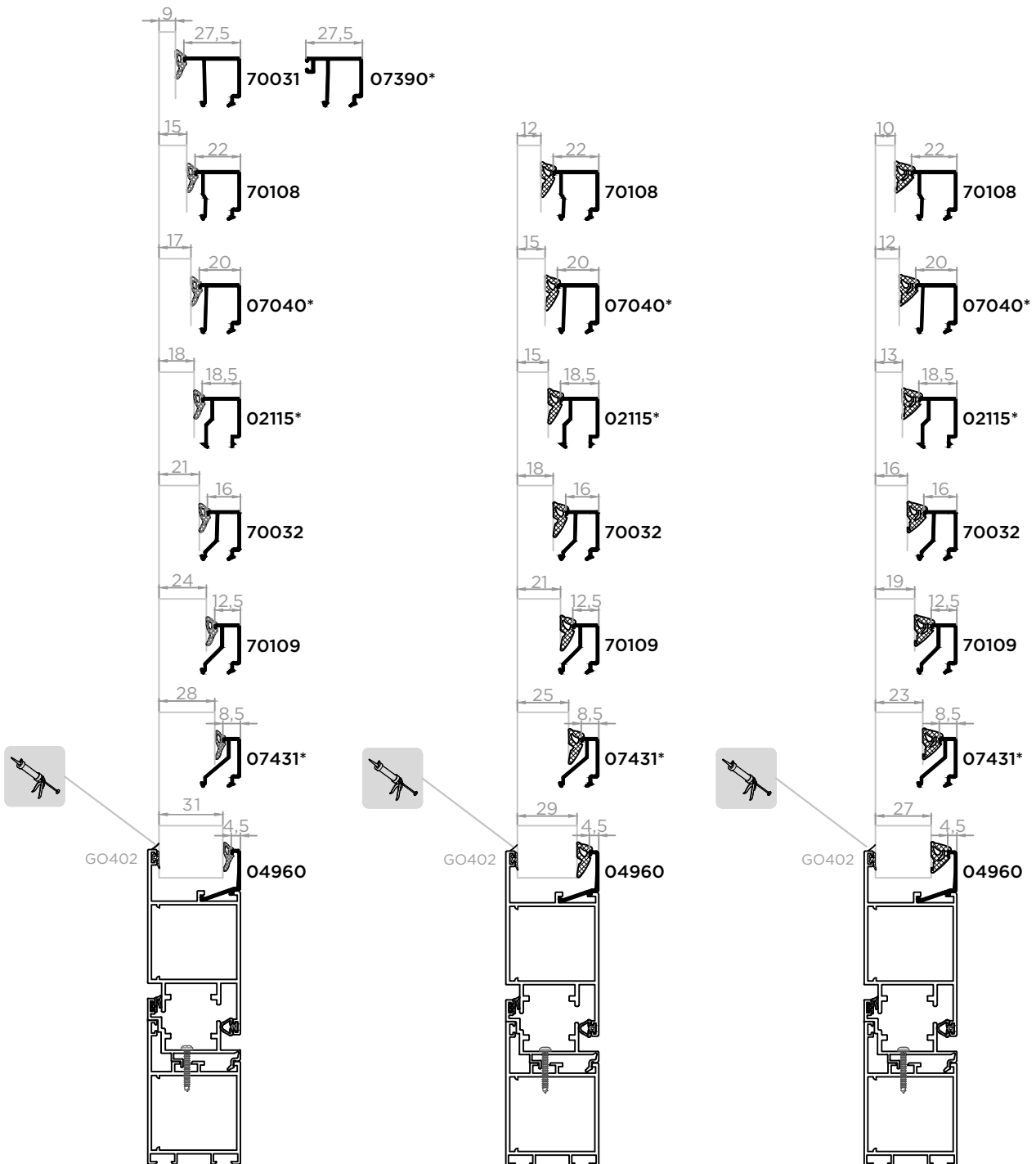
04565*



04547*

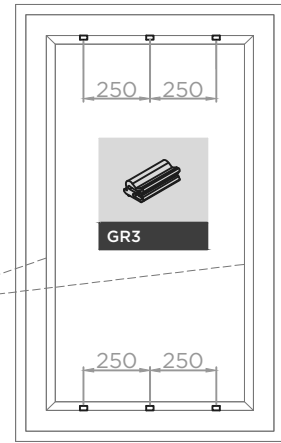
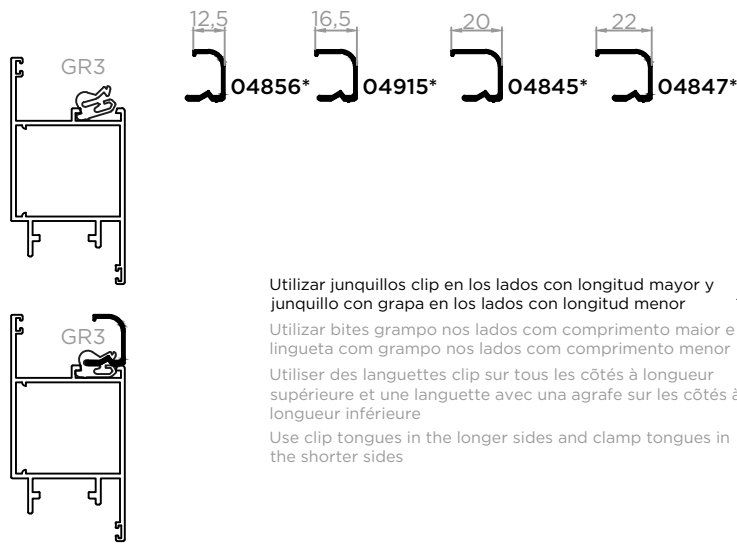
* Consultar disponibilidad | Verificar disponibilidade | Consulter disponibilité | Please consult availability.

Tabla de acristamiento, junquillos rectos con sellado exterior | Quadro de envidraçado, bites retos com selagem exterior | Tableau de vitrage, parcloles droites avec scellement extérieur | Glazing board, straight glazing bars with outer seal

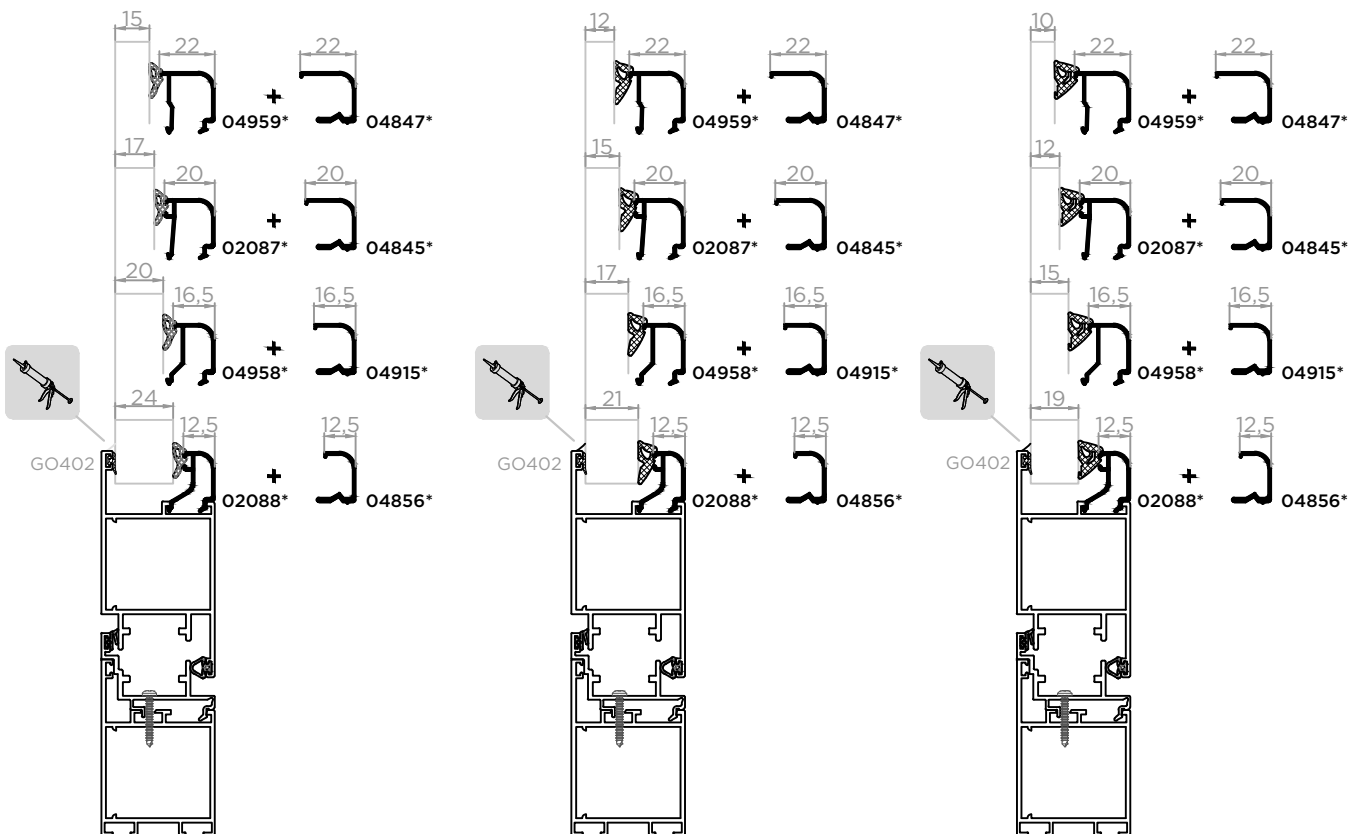


* Consultar disponibilidad | Verificar disponibilidade | Consulter disponibilité | Please consult availability.

Tabla de acristamiento, junquillos curvos con sellado exterior | Quadro de envidraçado, bites curvos com selagem exterior | Tableau de vitrage, parcloses courbes avec scellement extérieur | Glazing board, curved glazing bars with outer seal

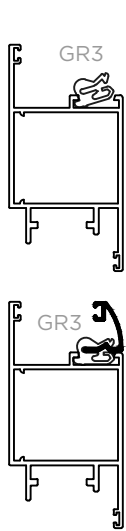


Colocar grapas GR3 cada 250 mm como máximo | Colocar grampos a cada 250 mm no máximo | Poser des agrafes tous les 250 mm au maximum | Put clamps every 250 mm maximum

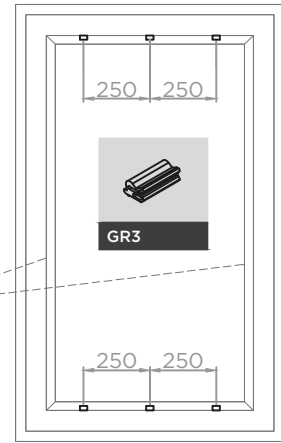


* Consultar disponibilidad | Verificar disponibilidade | Consulter disponibilité | Please consult availability.

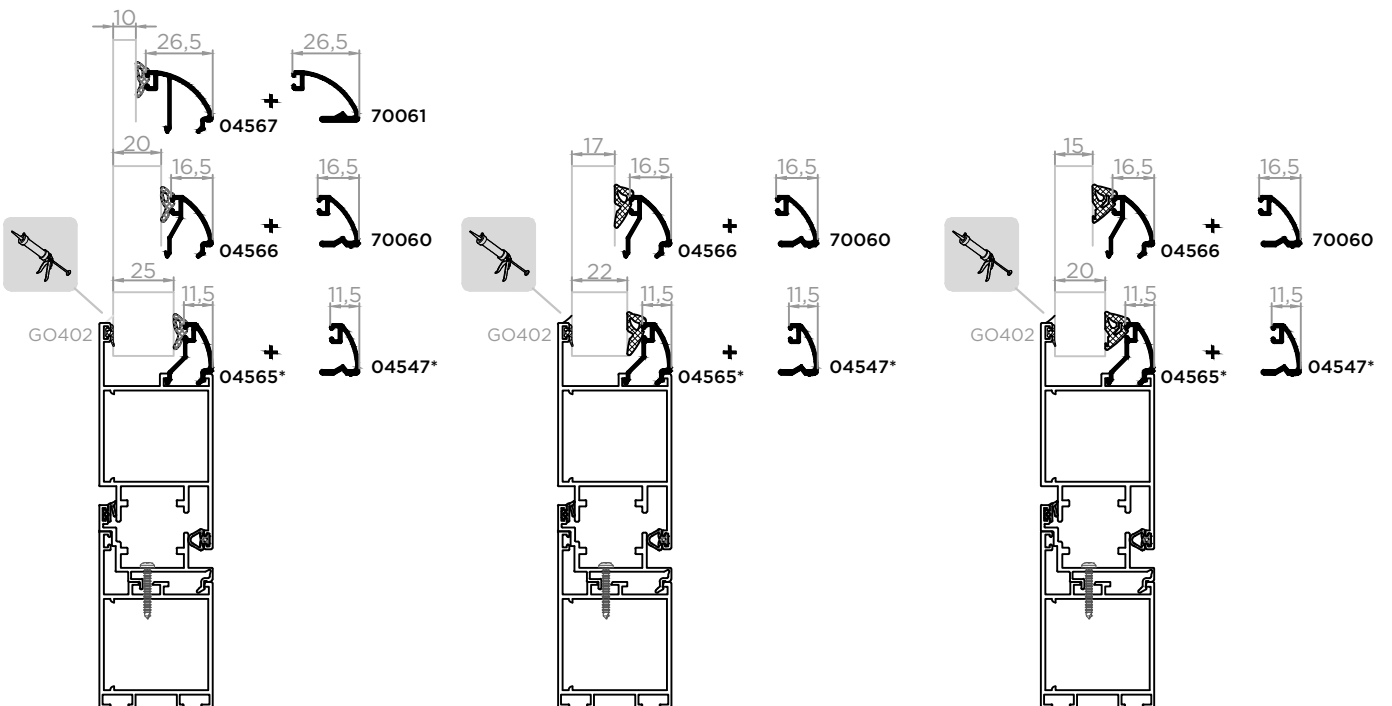
Tabla de acristamiento, junquillos ovalados con sellado exterior | Quadro de envidraçado, bites ovaladas com selagem exterior | Tableau de vitrage, parclozes ovalées avec scellement extérieur | Glazing board, oval tongues with outer seal



Utilizar junquillos clip en los lados con longitud mayor y junquillo con grapa en los lados con longitud menor
 Utilizar bites grampo nos lados com comprimento maior e lingueta com grampo nos lados com comprimento menor
 Utiliser des languettes clip sur tous les côtés à longueur supérieure et une languette avec une agrafe sur les côtés à longueur inférieure
 Use clip tongues in the longer sides and clamp tongues in the shorter sides



Colocar grapas GR3 cada 250 mm como máximo | Colocar grampos a cada 250 mm no máximo | Poser des agrafes tous les 250 mm au maximum | Put clamps every 250 mm maximum

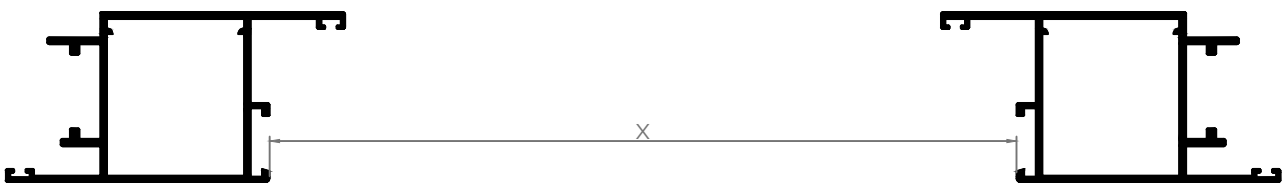
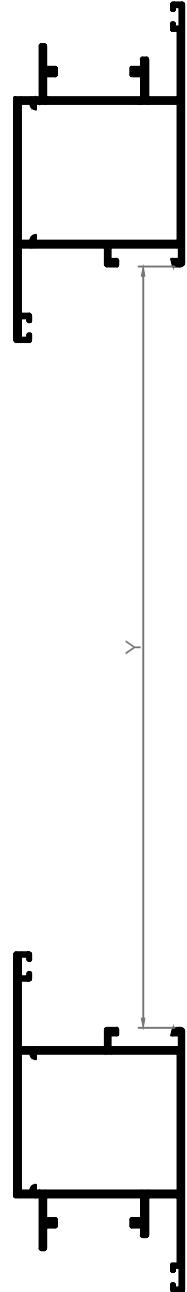


* Consultar disponibilidad | Verificar disponibilidade | Consulter disponibilité | Please consult availability.

Fórmulas de corte junquillos rectos | Fórmulas de corte bites retos | Formulas de découpage parcloles droits
 | Cut formulas for straight beading




PERFILES				
		 und. en mm.		
2x	70031		X	
	07390*		X	
	70108		X	
	07040*		X	
	02115*		X	
	70032		X	
	70109		X	
	07431*		X	
	04960		X	




PERFILES				
		 und. en mm.		
2x	70031		Y-39	
	07390*		Y-39	
	70108		Y-39	
	07040*		Y-39	
	02115*		Y-39	
	70032		Y-39	
	70109		Y-39	
	07431*		Y-39	
	04960		Y-39	

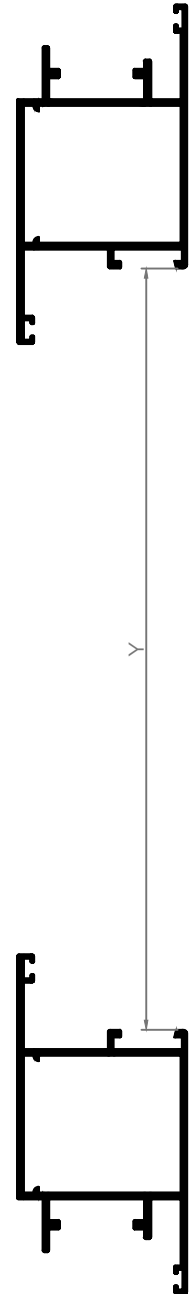


* Consultar disponibilidad | Verificar disponibilidade | Consulter disponibilité | Please consult availability.




Fórmulas de corte junquillos curvos | Fórmulas de corte bites curvo | Formulas de découpage parcloses courbes
 | Cut formulas for curved beading




PERFILES				
		 und. en mm.		
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	04845*	X	45°	
	04915*	X	45°	
	04856*	X	45°	

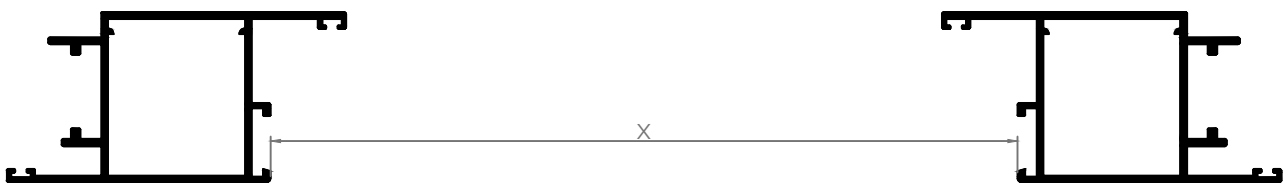
PERFILES				
		 und. en mm.		
2x	04959*	Y	45°	
	02087*	Y	45°	
	04958*	Y	45°	
	02088*	Y	45°	



Fórmulas de corte junquillos ovalados | Fórmulas de corte bites ovaladas | Formulas de découpage parcloses ovalées
 | Cut formulas for oval glazing bars

PERFILES				
		 und. en mm.		
2x	70061	X	45°	
	70060	X	45°	
	04547*	X	45°	

PERFILES				
		 und. en mm.		
2x	04567	Y	45°	
	04566	Y	45°	
	04565*	Y	45°	



* Consultar disponibilidad | Verificar disponibilidade | Consulter disponibilité | Please consult availability.

Calzos | Calços | Cales | Support webge

Recomendación para el posicionamiento de los calzos:

Recomendação para o posicionamento dos calços:

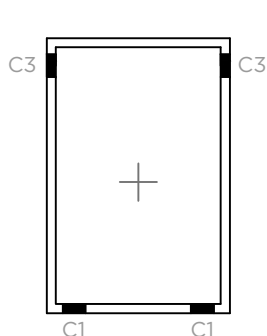
Conseils pour l'emplacement des cales:

Recommendation for the support wedge position:

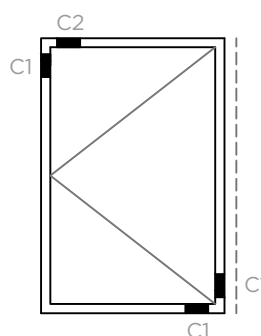
C1 : Calzo de apoyo | C1 : Calço de apoio | C1 : Cale d'appui | C1 : Support wedge

C2 : Calzo perimetral o de colocación | C2 : Calço de posicionamento | C2 : Cale périmétral on d'emplacement | C2 : Perimeter or for placement support wedge

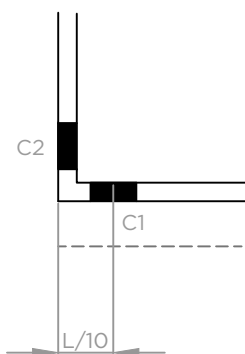
C3 : Calzo de seguridad | C3 : Calço de segurança | C3 : Cale de sécurité | C3 : Security support wedge



+ HOJA FIJA
Folha fixa
Vantail fixed
Fixed sash



⊠ PRACTICABLE
Articulada
Battant
Hinged



La distancia entre los calzos y el borde del vidrio será de aproximadamente L/10 (L = Longitud del vidrio)

A distância entre os calços e a borda do vidro será aproximadamente L/10 (L = Comprimento de vidro)

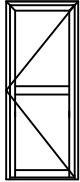
La distance entre les cales du vitrage et le bord du vitrage sera d'environ L/10 (L = Longueur du vitrage)

Distance between glass support wedge and the glass edge will be L/10 approximately (L = glass length)

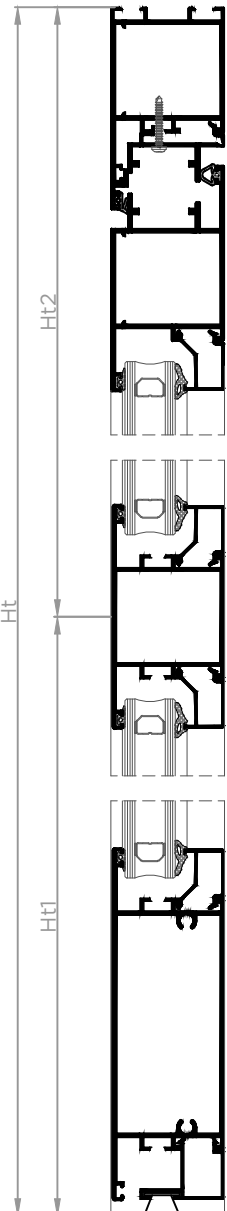
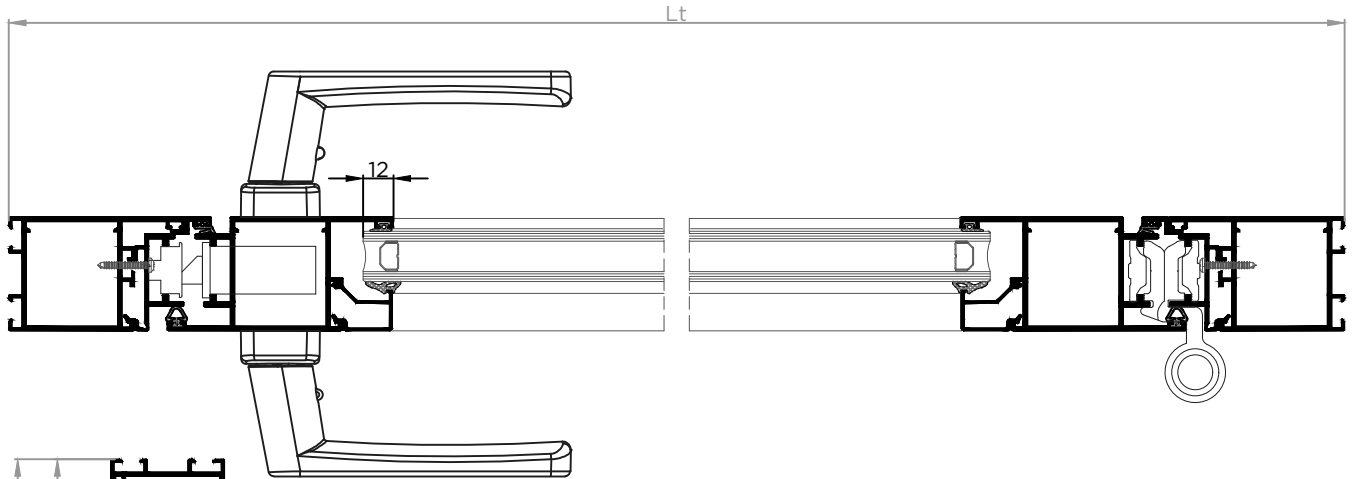
STRUGAL S45C

FÓRMULAS DE CORTE

Fórmulas de corte
Formules de découpage
Cutting formulas



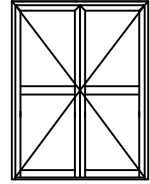
Puerta 1 hoja practicable. Ap. interior | Porta 1 folha batente. Abertura interior | Porte 1 ouvrant à battant. Ouv. intérieure | 1-sash hinged door. Inward op.



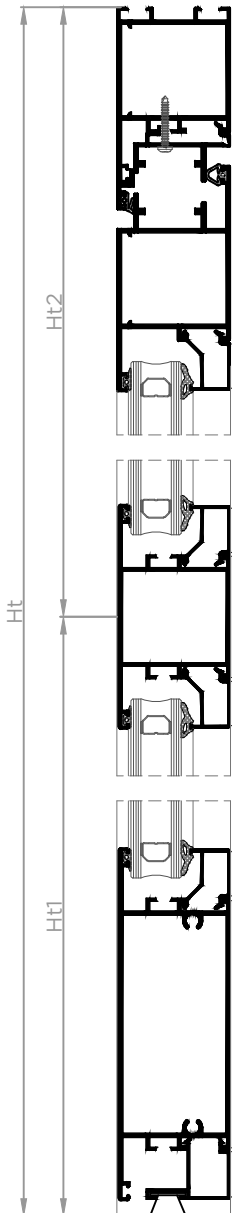
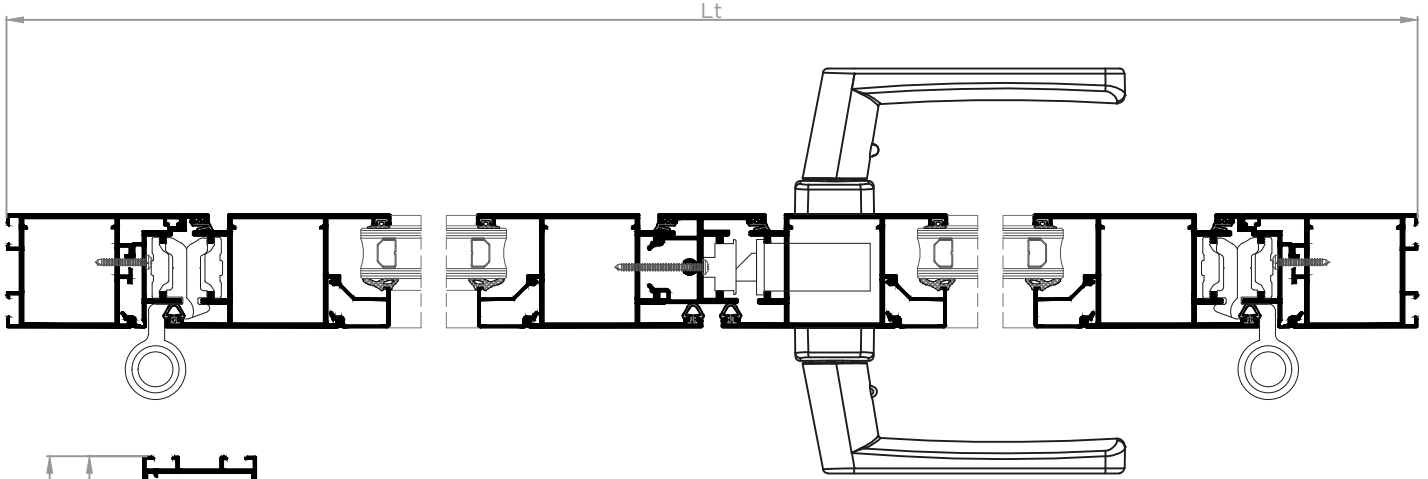
PERFILES				
		und. en mm.		
1x	04704		Lt	
2x	04704		Ht	
1x	04705		Lt-125,6	
2x	04705		Ht-68,8	
1x	04707		Lt-91	
2x	04707		Ht-51,5	
1x	01225		Lt-255	
1x	01265		Lt-255	
1x	70033		Lt-265	
4x	70032			
4x	70032			

ACCESORIOS		
1x	CD6463	
1x	CD40130	
1x	CD2733	
1x	CSCR4	
2x	BI4571	
4x	ES402	
Lt+2Ht	GO401	
Lt+2Ht	JU201	
4Lt+2Ht	GO03	
4Lt+2Ht	GO402	
Lt	FP1410	

VIDRIO	
	und. en mm
1x	Lt-281 x Ht2-173
1x	Lt-281 x Ht1-167



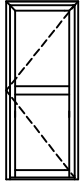
Puerta 2 hojas practicable. Ap. interior | Porta 2 folhas batente. Abertura interior | Porte 2 ouvrant à battant. Ouv. intérieure | 2-sashes hinged door. Inward op.



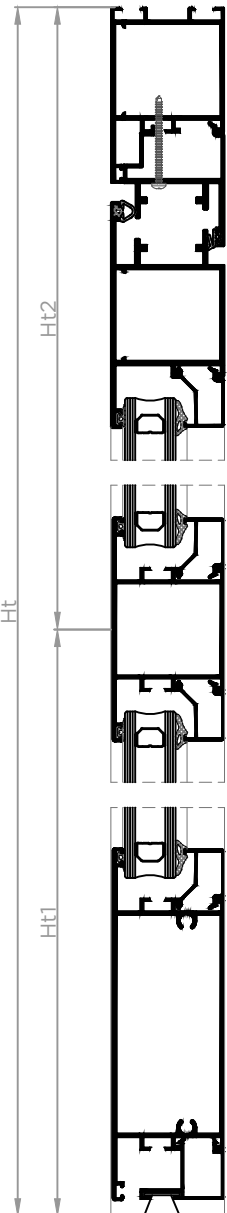
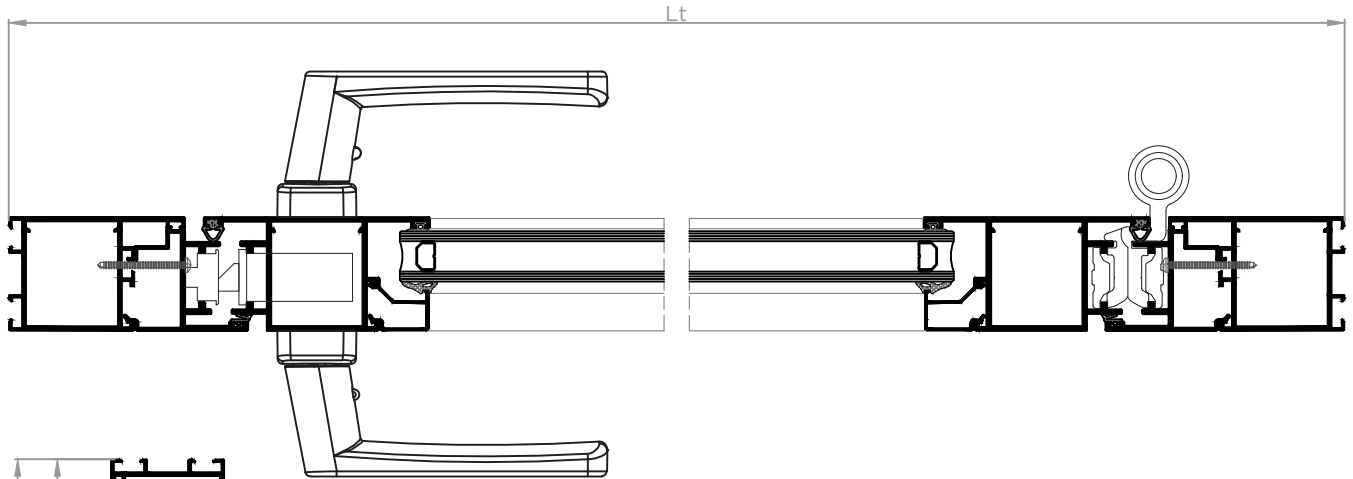
PERFILES				
			und. en mm.	
1x	04704		Lt	
2x	04704		Ht	
2x	04705		(Lt-133)/2	
4x	04705		Ht-68,8	
1x	04707		Lt-91	
2x	04707		Ht-51,5	
1x	04709		Ht-98	
2x	01225		(Lt-392)/2	
2x	01265		(Lt-392)/2	
2x	70033		(Lt-392)/2	
8x	70032			
8x	70032			

ACCESORIOS		
1x	CD6463	
1x	CD40130	
1x	CD2733	
1x	CSCR4	
2x	PA300	
4x	BI4571	
6x	ES402	
1x	TP4709	
Lt+4Ht	GO401	
Lt+4Ht	JU201	
4Lt+4Ht	GO03	
4Lt+4Ht	GO402	
Lt	FP1410	

VIDRIO	
	und. en mm
2x	(Lt-444)/2 x Ht2-173
2x	(Lt-444)/2 x Ht1-167



Puerta 1 hoja practicable. Ap. exterior | Porta 1 folha batente. Abertura exterior | Porte 1 ouvrant à battant. Ouv. extérieure | 1-sash hinged door. Outward op.

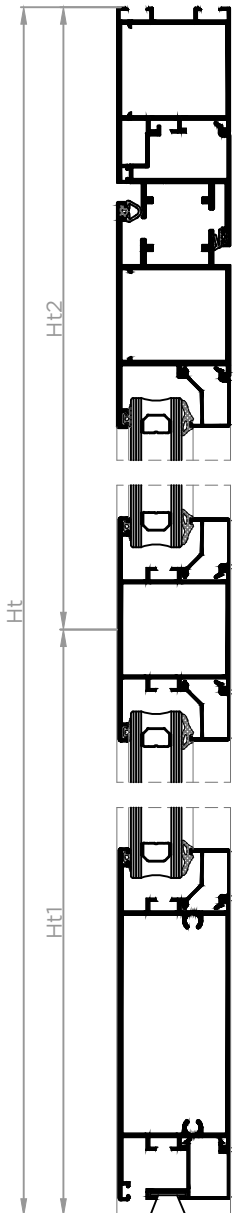
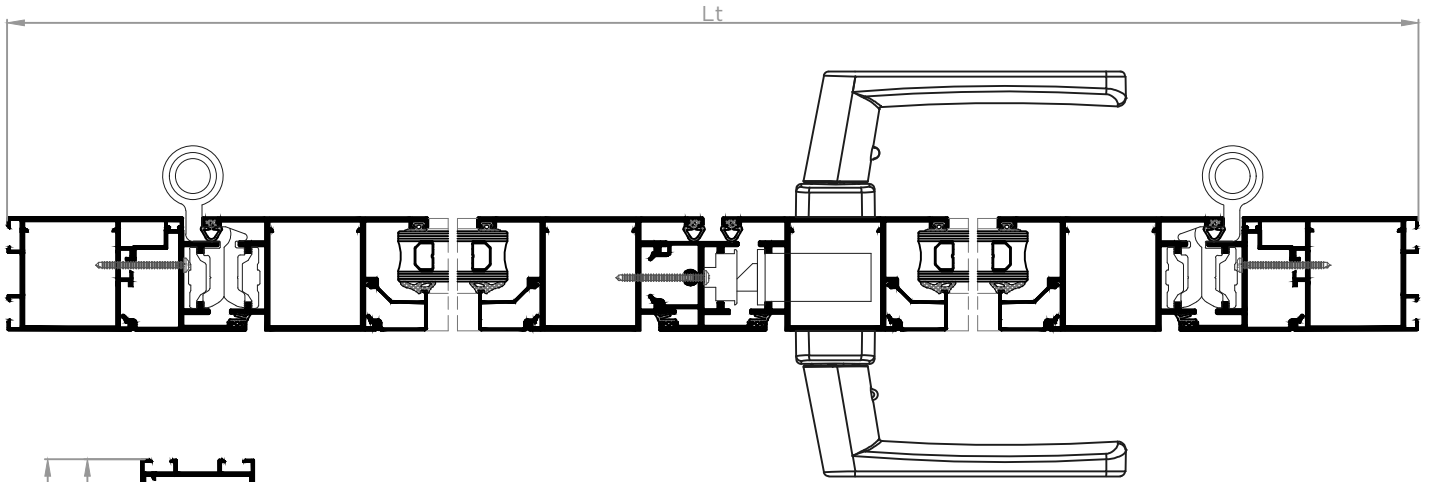
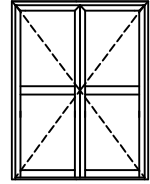


PERFILES				
			und. en mm.	
1x	04704		Lt	
2x	04704		Ht	
1x	04706		Lt-154,6	
2x	04706		Ht-83,3	
1x	04708		Lt-91	
2x	04708		Ht-51,5	
1x	01225		Lt-284	
1x	01265		Lt-284	
1x	70033		Lt-284	
4x	70032			
4x	70032			

ACCESORIOS		
1x	CD6463	
1x	CD40130	
1x	CD2733	
1x	CSCR4	
2x	BI4571	
4x	ES402	
Lt+2Ht	GO401	
Lt+2Ht	JU201	
4Lt+2Ht	GO03	
4Lt+2Ht	GO402	
Lt	FP1410	

VIDRIO	
	und. en mm
1x	Lt-310 x Ht2-188
1x	Lt-310 x Ht1-167

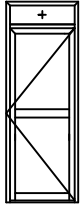
Puerta 2 hojas practicable. Ap. exterior | Porta 2 folhas batente. Abertura exterior | Porte 2 ouvrant à battant. Ouv. extérieure | 2-sashes hinged door. Outward op.



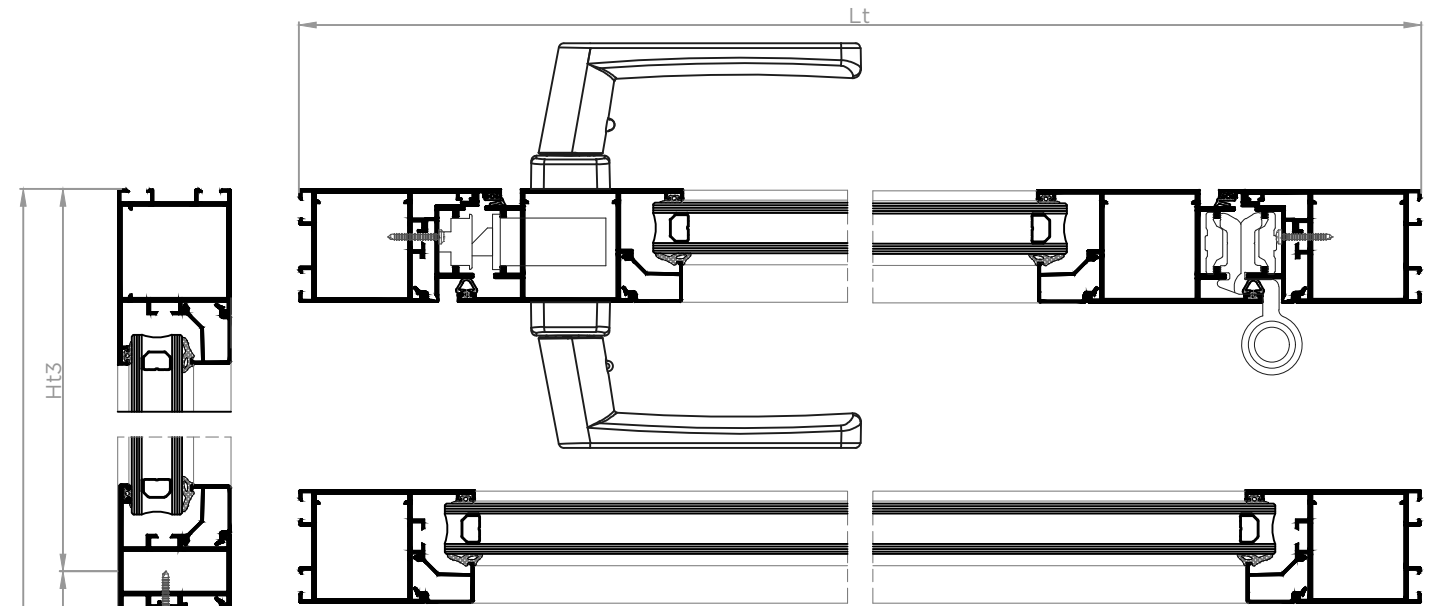
PERFILES				
			und. en mm.	
1x	04704		Lt	
2x	04704		Ht	
2x	04706		(Lt-162)/2	
4x	04706		Ht-83,3	
1x	04708		Lt-91	
2x	04708		Ht-51,5	
1x	04709		Ht-112	
2x	01225		(Lt-421)/2	
2x	01265		(Lt-421)/2	
2x	70033		(Lt-421)/2	
8x	70032			
8x	70032			

ACCESORIOS		
1x	CD6463	
1x	CD40130	
1x	CD2733	
1x	CSCR4	
2x	PA300	
4x	BI4571	
6x	ES402	
1x	TP4709	
Lt+4Ht	GO401	
Lt+4Ht	JU201	
4Lt+4Ht	GO03	
4Lt+4Ht	GO402	
Lt	FP1410	

VIDRIO	
	und. en mm
1x	(Lt-473)/2 x Ht2-188
1x	(Lt-473)/2 x Ht1-167



Puerta 1 hoja practicable + fijo superior. Ap. interior | Porta 1 folha batente + fixa superior. Abertura interior | Porte 1 ouvrant à battant + fixe supérieur. Ouv. intérieure | 1-sash hinged door + upper fixed. Inward op.



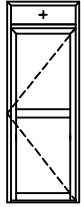
PERFILES				
			und. en mm.	
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2x	04704		Ht	90°
1x	04705		Lt-125,6	45°
2x	04705		(Ht1+Ht2)-33,5	90°
1x	04707		Lt-91	45°
2x	04707		(Ht1+Ht2)-16	90°
1x	00908*		Lt-255	90°
1x	01225		Lt-255	90°
1x	01265		Lt-255	90°
1x	70033		Lt-255	90°
6x	70032			90°
6x	70032			90°

ACCESORIOS		
1x	CD6463	
1x	CD40130	
1x	CD2733	
1x	CSCR4	
2x	BI4571	
4x	ES402	
Lt+2Ht	GO401	
Lt+2Ht	JU201	
6Lt+2Ht	GO03	
6Lt+2Ht	GO402	
Lt	FP1410	

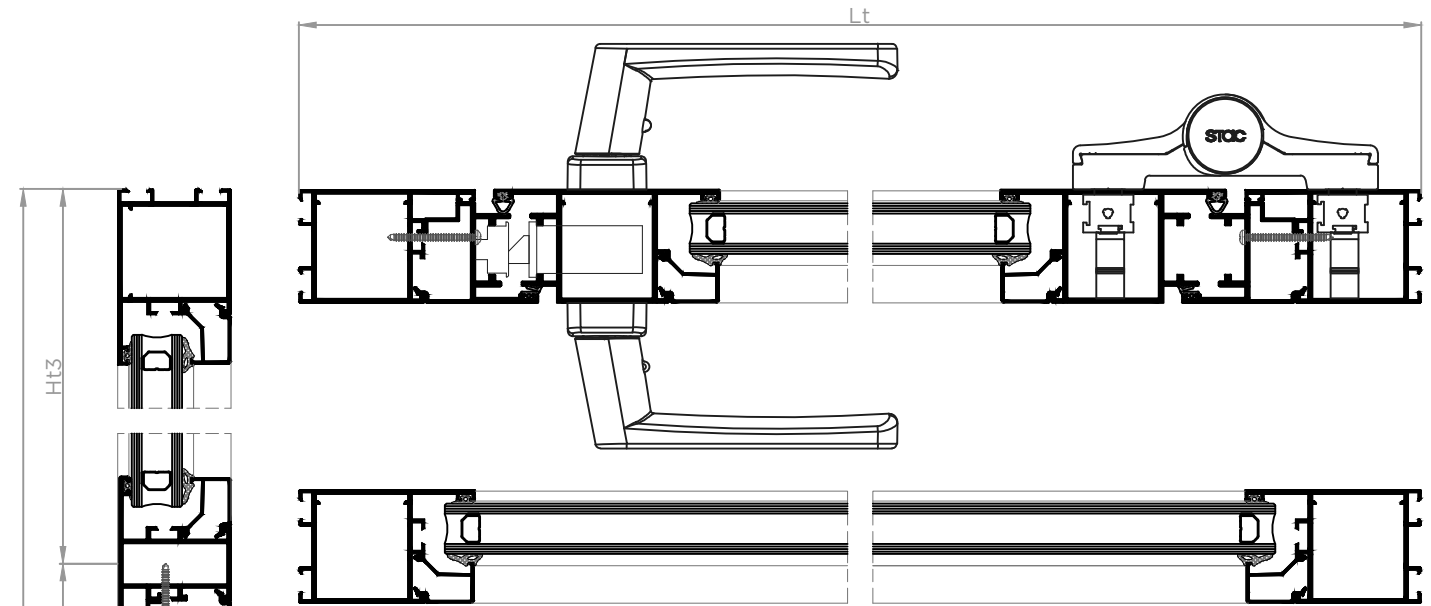
VIDRIO	
	und. en mm.
1x	Lt-281 x Ht1-167
1x	Lt-281 x Ht2-138
1x	Lt-116 x Ht3-80




























Ht
Ht3
Ht2
Ht1

Lt



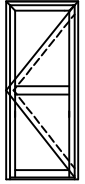
Puerta 1 hoja practicable + fijo superior. Ap. exterior | Porta 1 folha batente + fixa superior. Abertura exterior | Porte 1 ouvrant à battant + fixe supérieur. Ouv. extérieure | 1-sash hinged door + upper fixed. Outward op.



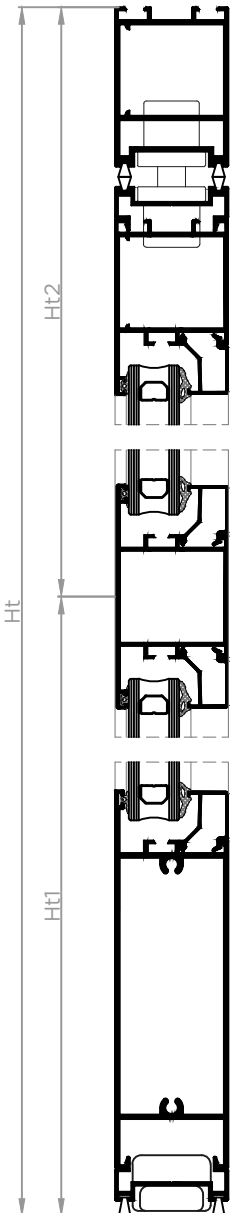
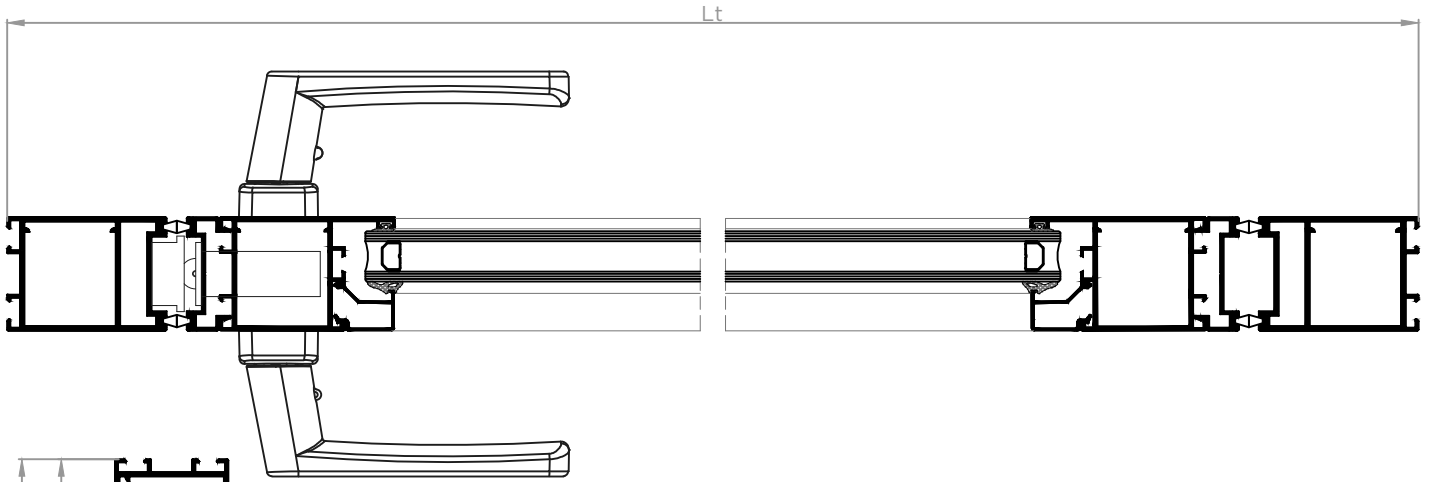
PERFILES				
			 und. en mm.	
1x	04704		Lt	
2x	04704		Ht	
1x	04706		Lt-154,6	
2x	04706		(Ht1+Ht2) -48	
1x	04708		Lt-91	
2x	04708		(Ht1+Ht2) -16	
1x	00908*		Lt-284	
1x	01225		Lt-284	
1x	01265		Lt-284	
1x	70033		Lt-284	
6x	70032			
6x	70032			

ACCESORIOS		
1x	CD6463	
1x	CD40130	
1x	CD2733	
1x	CSCR4	
2x	BI4574	
4x	ES402	
Lt+2Ht	GO401	
Lt+2Ht	JU201	
6Lt+2Ht	GO03	
6Lt+2Ht	GO402	
Lt	FP1410	

VIDRIO	
	und. en mm.
1x	Lt-310 x Ht1-167
1x	Lt-310 x Ht2-152
1x	Lt-116 x Ht3-80



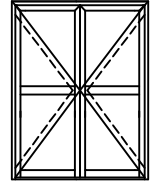
Puerta 1 hoja practicable. Ap. vaivén | Porta 1 folha batente. Abertura vaivém | Porte 1 ouvrant à battant. Ouverture va-et-vient | 1-sash hinged door. Swing door.



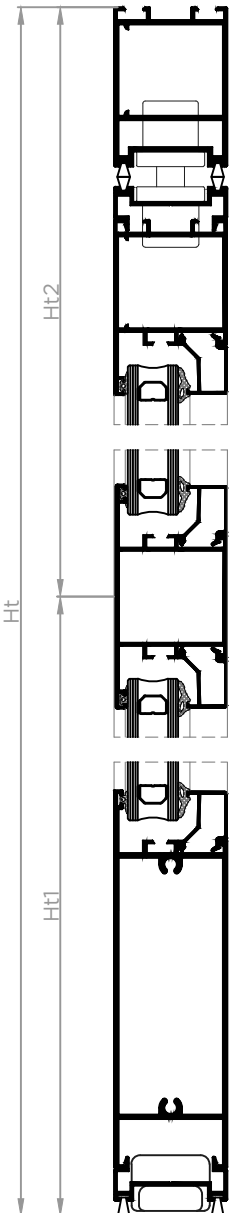
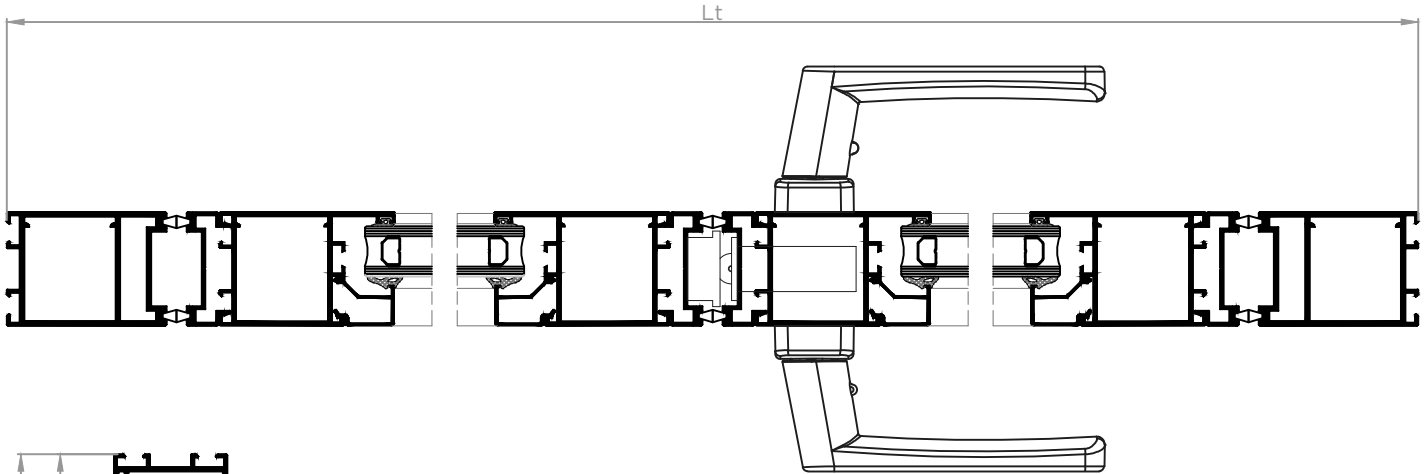
PERFILES				
			und. en mm.	
1x	04710		Lt	
2x	04710		Ht	
1x	04704		Lt-168,4	
2x	04704		Ht-90,2	
1x	04711		Lt-142,6	
2x	04711		Ht-77,3	
1x	04711		Lt-258	
1x	04712		Lt-258	
1x	01265		Lt-258	
4x	70032			
4x	70032			

VIDRIO		und. en mm
1x	Lt-284 x Ht2-175	
1x	Lt-284 x Ht1-190	

ACCESORIOS		
1x	CD8459	
1x	CD40335	
1x	CSCR4	
1x	CS60251	
1x	AC340	
1x	CS71110	
1x	CS71115	
1x	CS7124	
4x	ES402	
4Lt+2Ht	GO03	
4Lt+2Ht	GO402	
4Lt+8Ht	FP57	
2Lt	FP59	



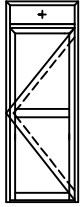
Puerta 2 hojas practicable. Ap. vaivén | Porta 2 folhas batente. Abertura vaivém | Porte 2 ouvrants à battant. Ouverture va-et-vient | 2-sashes hinged door. Swing door.



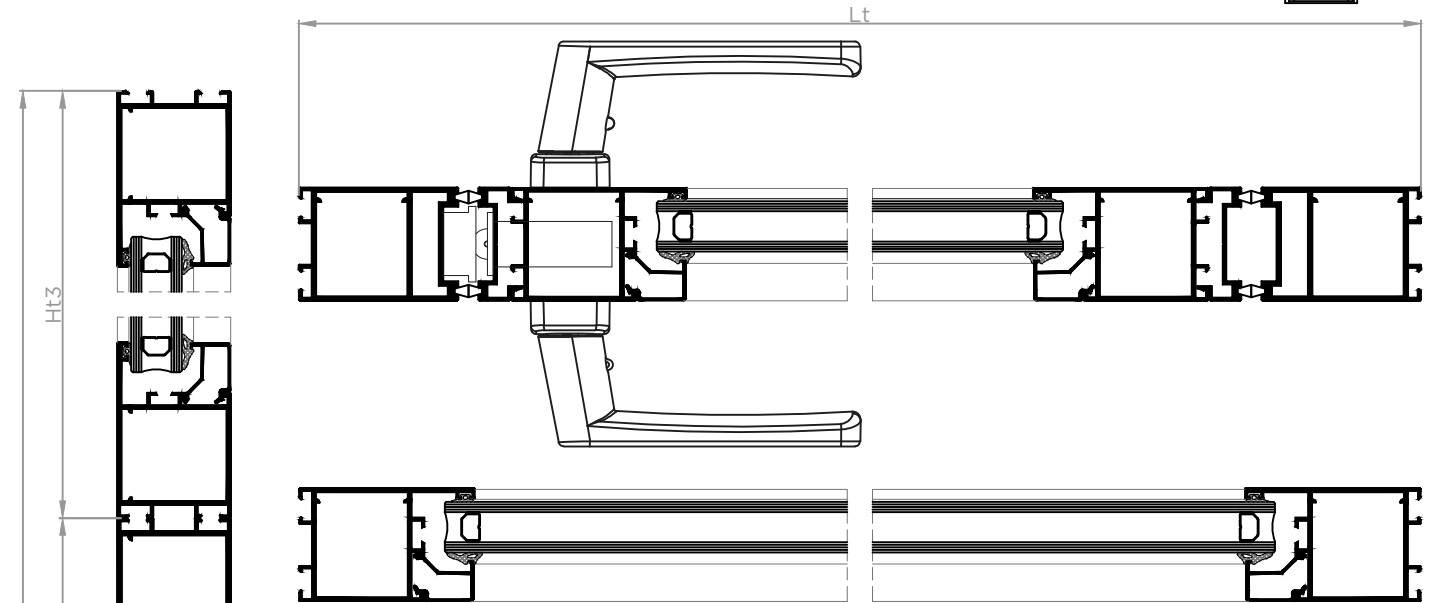
PERFILES				
			und. en mm.	
1x	04710		Lt	
2x	04710		Ht	
2x	04704		(Lt-2022)/2	
4x	04704		Ht-90,2	
2x	04711		(Lt-150,6)/2	
4x	04711		Ht-77,3	
2x	04711		(Lt-258,2)/2	
2x	04712		(Lt-258,2)/2	
2x	01265		(Lt-258,2)/2	
4x	70032			
4x	70032			

VIDRIO		und. en mm
1x	(Lt-434)/2 x Ht2-175	
1x	(Lt-434)/2 x Ht1-190	

ACCESORIOS		
1x	CD8459	
1x	CD40335	
1x	CSCR4	
1x	CS60251	
1x	AC340	
1x	CS71110	
1x	CS71115	
1x	CS7124	
6x	ES402	
4Lt+4Ht	GO03	
4Lt+4Ht	GO402	
4Lt+12Ht	FP57	
2Lt	FP59	



Puerta 2 hojas practicable + fijo superior. Ap. vaivén | Porta 2 folhas batente + fixa superior.
 Abertura vaivém | Porte 2 ouvrants à battant + fixe supérieur. Ouverture va-et-vient | 2-sashes
 hinged door + upper fixed. Swing door.



PERFILES				
			und. en mm.	
3x	04710		Lt	
2x	04710		Ht1+Ht2	
2x	04710		Ht3	
1x	04704		Lt-168,4	
2x	04704		(Ht1+Ht2) -90,2	
1x	04711		Lt-142,6	
2x	04711		(Ht1+Ht2) -77,3	
1x	04711		Lt-258,2	
1x	04712		Lt-258,2	
1x	01265		Lt-258,2	
4x	70032			
4x	70032			

ACCESORIOS		
1x	CD8459	
1x	CD40335	
1x	CSCR4	
1x	CS60251	
1x	AC340	
1x	CS71110	
1x	CS71115	
1x	CS7124	
8x	ES402	
6Lt+2Ht	GO03	
6Lt+2Ht	GO402	
4Lt+8Ht	FP57	
2Lt	FP59	

VIDRIO	
	und. en mm
1x	Lt-284 x Ht1-190
1x	Lt-284 x Ht2-175
1x	Lt-116 x Ht3-116

Ht

Ht3

Ht2

Ht1

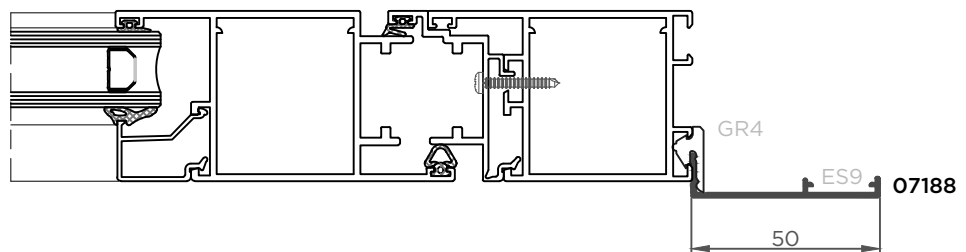
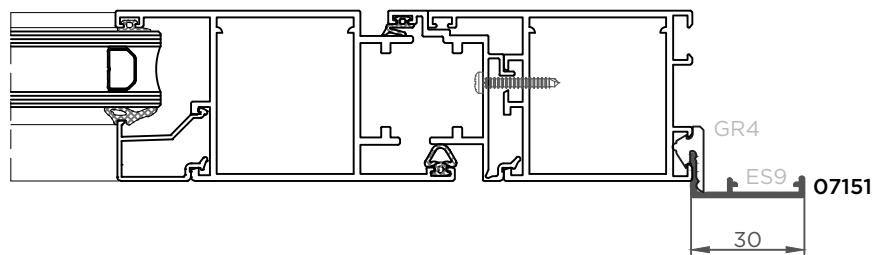
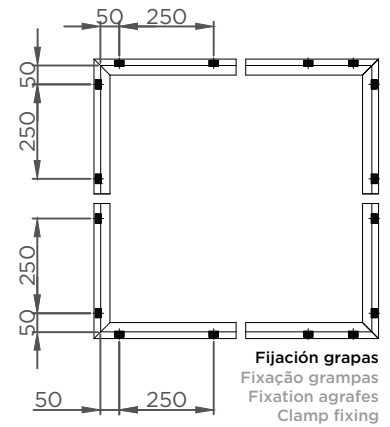
Lt

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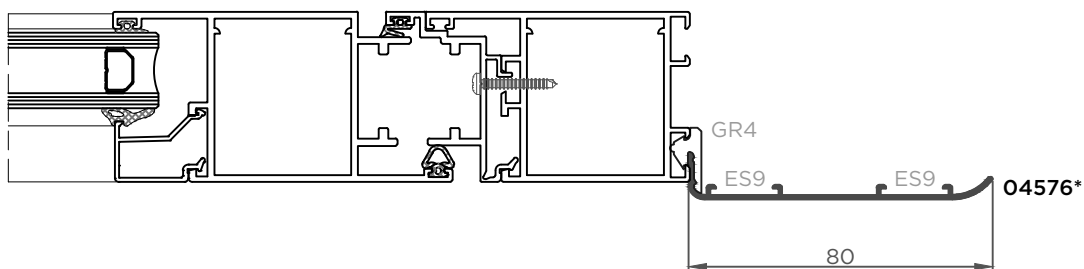
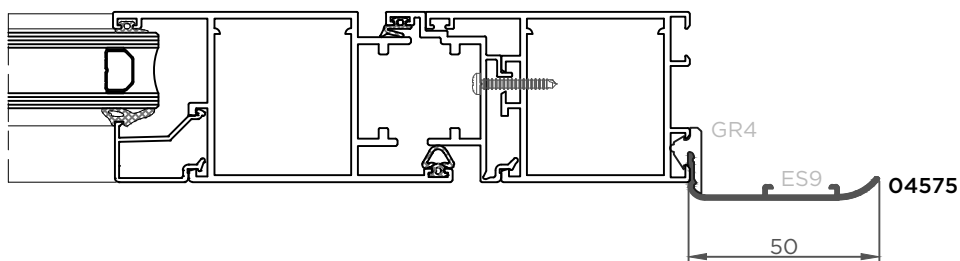
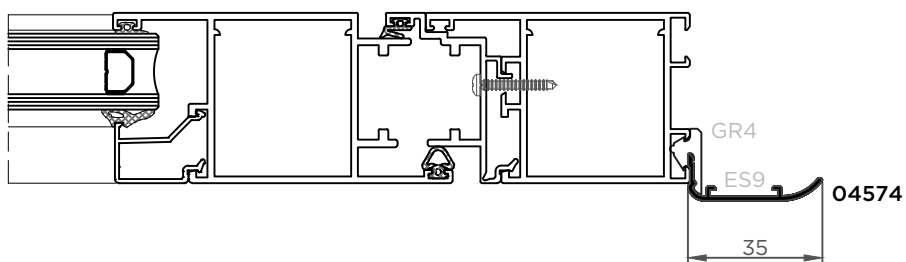
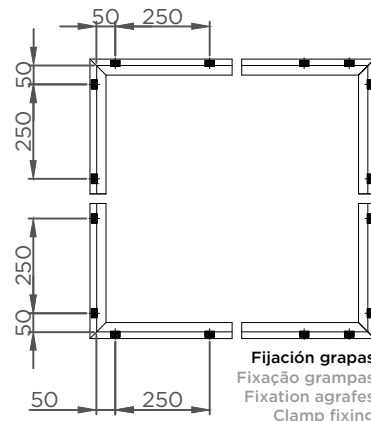
SOLUCIONES COMPLEMENTARIAS

Soluções complementares
Solutions complémentaires
Complementary solutions

Sección lateral tapajuntas rectos, grapas plásticas | Secção lateral tapa-juntas retos, grampos plásticos | Section latérale couvre-joints droits agrafes en plastique | Straight flashing side section plastic clamps

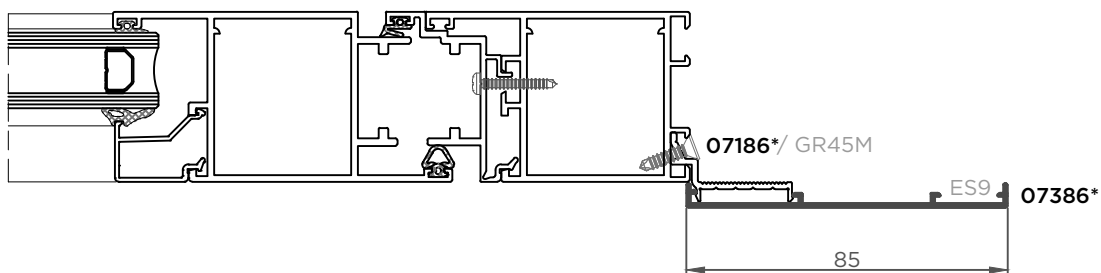
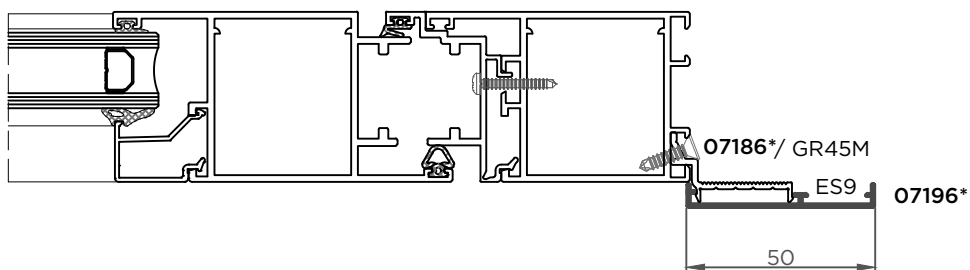
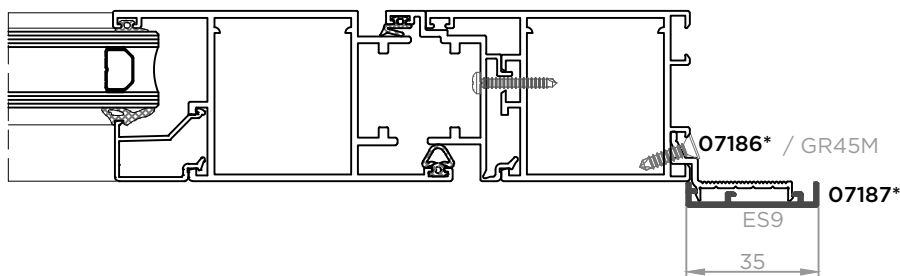
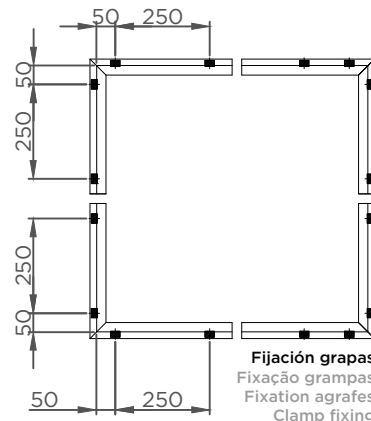


Sección lateral tapajuntas curvos, grapas plásticas | Secção lateral tapa-juntas curvos, grampos plásticos | Section latérale couvre-joints courbés agrafes en plastique | Curved flashing side section plastic clamps



* Consultar disponibilidad | Verificar disponibilidade | Consulter disponibilité | Please consult availability.

Sección lateral tapajuntas rectos, grapas metálicas | Secção lateral tapa-juntas retos, grampos metálicos | Section latérale couvre-joints droits métalliques | Straight flashing side section metal clamps



* Consultar disponibilidad | Verificar disponibilidade | Consulter disponibilité | Please consult availability.

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