

VALORIZE SUA OBRA!



FERRAGENS

LINHA CAPA
LINHA TRADICIONAL

ALUMÍNIO

KIT BOX: 8mm
KIT ENGENHARIA: 8mm e 10mm

PUXADORES

POLÍMERO
METAIS: ALUMÍNIO e INOX



MARCA DA QUALIDADE

WWW.ALINDUSTRIA.COM.BR



MARCA DA QUALIDADE

SUA OBRA MERECE!



MINI FECHO: CAPA 1570 P - CROMADO

KIT 89: CAPA 3534 e CAPA 3530 - BRANCO

LINHA CAPA 
CROMADA • NAT FOSCA • BRANCA • PRETA • BRONZE • 1002

FERRAGENS

LINHA CAPA

LINHA TRADICIONAL

IMAGENS ILLUSTRATIVAS

CAPA 1523, CAPA 1003 A e CAPA 1003 F

MACANETA: CAPA 1510/11 DIA - MAT FOSCO

CAPA 1335 - BRANCO

CAPA 1520 - BRANCO

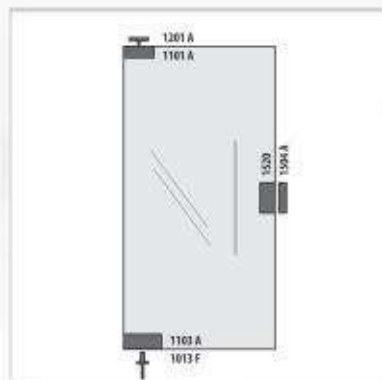
CAPA 1209 e CAPA 1101 - BRANCO

Kit 01**PORTA SIMPLES PIVOTANTE**

CAPA Kit 01



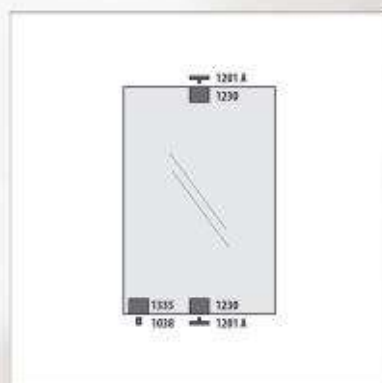
AL Kit 01

**Kit 02****PIVOTANTE**

CAPA Kit 02



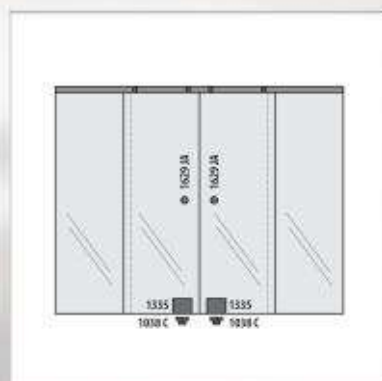
AL Kit 02

**Kit 03****JANELA DE CORRER 4 FOLHAS**

CAPA Kit 03



AL Kit 03

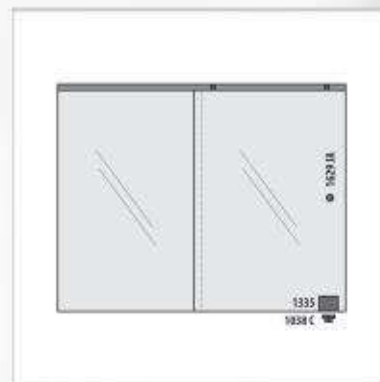


Kit 04**JANELA DE CORRER 2 FOLHAS**

CAPA Kit 04



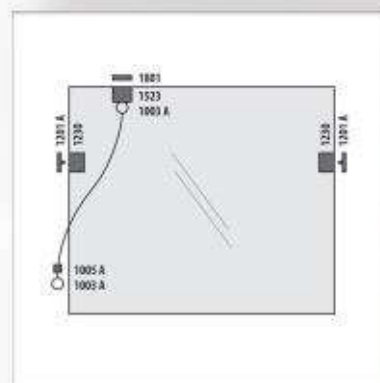
AL Kit 04

**Kit 05****BASCULANTE CORDÃO NYLON**

CAPA Kit 05



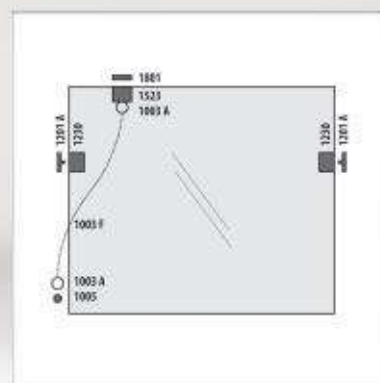
AL Kit 05

**Kit 06****BASCULANTE CORRENTE**

CAPA Kit 06



AL Kit 06

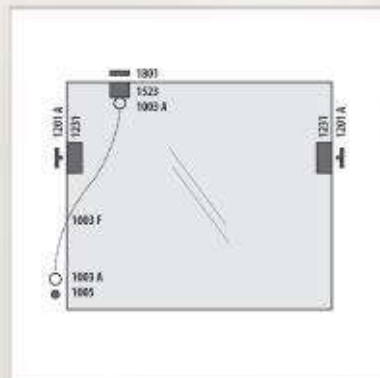


Kit 07**BASCULANTE GRANDE**

CAPA Kit 07



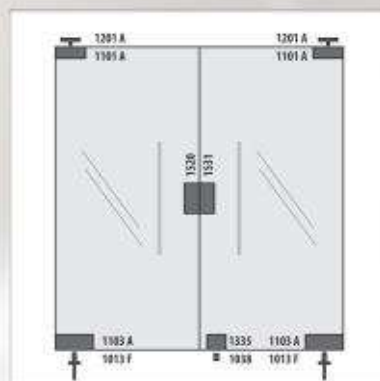
AL Kit 07

**Kit 08****PORTA DUPLA PIVOTANTE**

CAPA Kit 08



AL Kit 08

**Kit 09****FECHADURA PARA PORTA V/V BLINDEX**

CAPA Kit 09



AL Kit 09

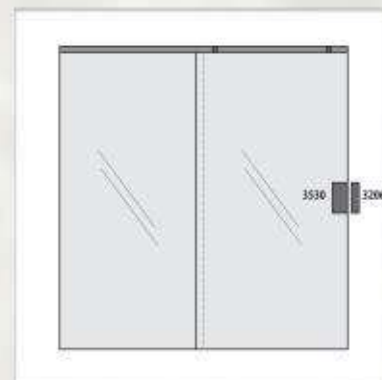


Kit 10**FECHADURA PARA PORTA V/A BLINDEX**

CAPA Kit 10



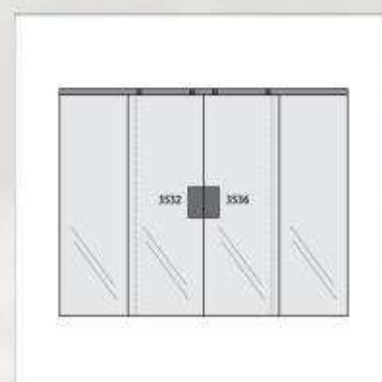
AL Kit 10

**Kit 11****FECHADURA PARA JANELA V/V BLINDEX**

CAPA Kit 11



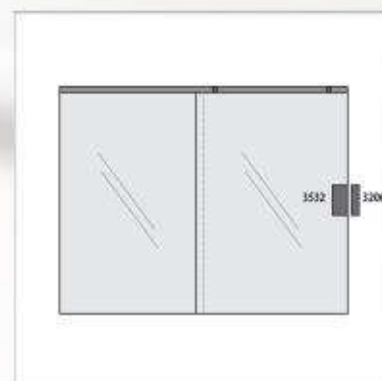
AL Kit 11

**Kit 12****FECHADURA PARA JANELA V/A BLINDEX**

CAPA Kit 12



AL Kit 12



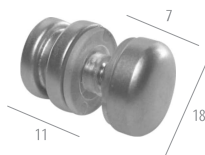
CAPA 1001

CRO NAT BCO PTO BZE 1002

Botão de correção com calota para vidro

Correction button with cap for glass

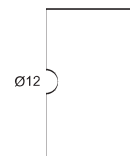
Botón de corrección con tapa para vidrio



Linha Tradicional

AL 1001

NAT BCO PTO BZE 1002



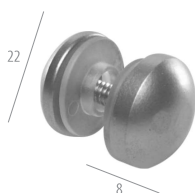
Recorte

CAPA 1002

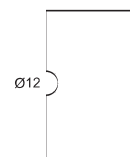
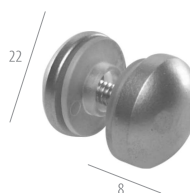
Botão de correção simples (parafuso)

Simple correction button (screw)

Botón de corrección simple (tornillo)



AL 1002



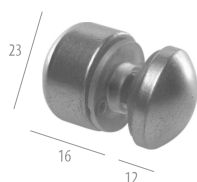
Recorte

CAPA 1002 A

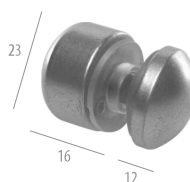
Botão de correção (lâmina)

Correction button (blade)

Botón de corrección (lámina)



AL 1002 A

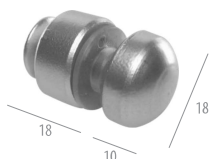


CAPA 1002 B

Botão de correção (lâmina com calota)

Correction button (blade with cap)

Botón de corrección (lámina con tapa)



AL 1002 B



CAPA 1003 A

Argolas para corrente

Rings for chain

Argollas para corrente



AL 1003 A



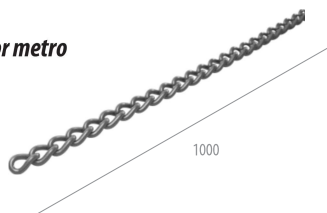
CAPA 1003 F

CRO NAT BCO PTO BZE 1002

Corrente para trinco basculante por metro

Chain for tilting latch by meter

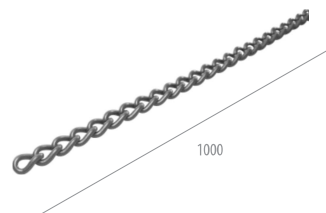
Corriente para pestillo basculante por metro



Linha Tradicional

AL 1003 F

NAT BCO PTO BZE 1002



CAPA 1005

Calota para corrente

Cap for chain

Tapa para corriente



AL 1005



CAPA 1005 A

Calota para nylon com regulagem

Cap for nylon with adjustable

Tapa para el nylon ajustables



AL 1005 A

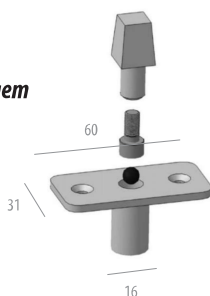


CAPA 1013

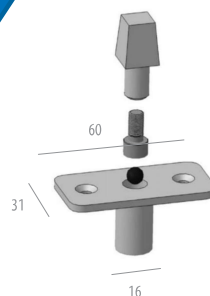
Pivô para dobradiça inferior com regulagem

Pivot for lower hinge with adjustment

Pivote para bisagra inferior con ajuste



AL 1013

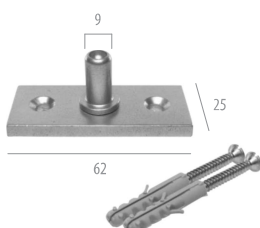


CAPA 1013 A

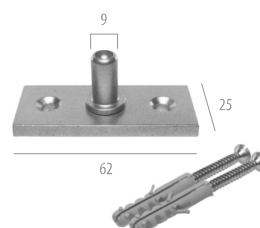
Pivô para dobradiça com pino fixo

Pivot for hinge with fixed bolt

Pivote para bisagra con pino fijo



AL 1013 A



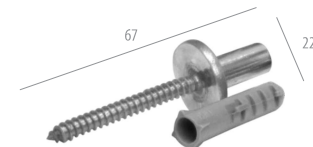
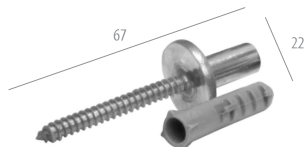
CAPA 1013 F

CRO NAT BCO PTO BZE 1002

Pino de inox para dobradiça inferior AL 1103 A

Pin of inox for lower hinge AL 1103 A

Pino de inox para bisagra inferior
AL 1103 A

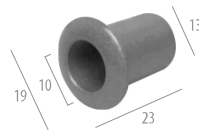
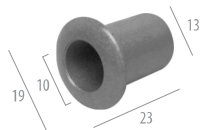


CAPA 1038

Capuchinho para trinco com furo de 10mm

Small hood for latch with 10mm hole

Capucito para pestillo con agujero de 10mm

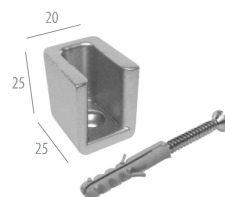
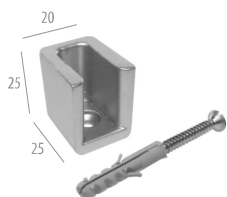


CAPA 1038 A

Capuchinho para trinco (capelinha)

Capuchin for latch (church)

Capucito para pestillo (capellita)

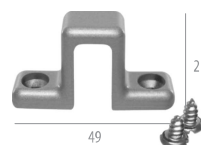
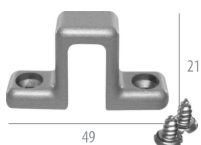


CAPA 1038 C

Capuchinho para trinco (ferradura)

Capuchin for latch (horseshoe)

Capucito para pestillo (herradura)

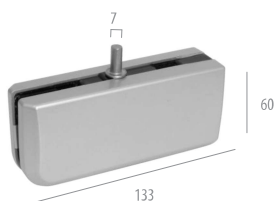


CAPA 1101

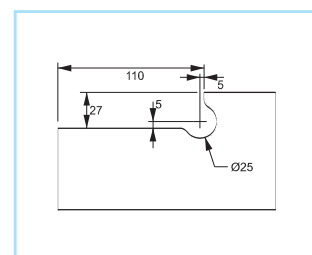
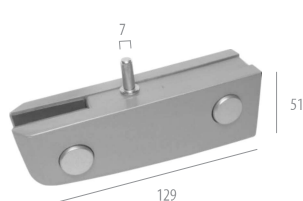
Dobradiça superior com pino de inox

Upper hinge with pin of inox

Bisagra superior con pino de inox



AL 1101



OBS: DIMENSÕES MÁXIMAS DO VIDRO: 1000x2200mm (larg x alt) ou 900x2600mm (larg x alt)

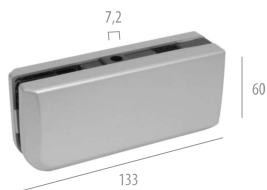
CAPA 1101 A

CRO NAT BCO PTO BZE 1002

Dobradiça superior sem pino de inox

Upper hinge without pin of inox

Bisagra superior sin pino de inox



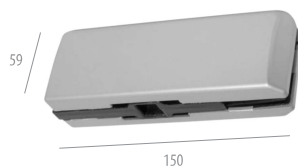
OBS: DIMENSÕES MÁXIMAS DO VIDRO: 1000x2200mm (larg x alt) ou 900x2600mm (larg x alt)

CAPA 1103

Dobradiça inferior para mola

Lower hinge to spring

Bisagra inferior para muelle



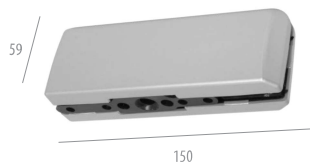
OBS: DIMENSÕES MÁXIMAS DO VIDRO: 1000x2200mm (larg x alt) ou 900x2600mm (larg x alt)

CAPA 1103 A

Dobradiça inferior com regulagem para pivô invertido

Lower hinge with hole for pivot inverse

Bisagra inferior con agujero para pivote invertida



OBS: DIMENSÕES MÁXIMAS DO VIDRO: 1000x2200mm (larg x alt) ou 900x2600mm (larg x alt)

Disponível apenas na
Linha Tradicional

Dobradiça automática para box

Automatic hinge for box

Bisagra automática para box

OBS: DIMENSÕES MÁXIMAS DO VIDRO: 600x1900mm (larg x alt) - UTILIZANDO 2 PEÇAS

Disponível apenas na
Linha Tradicional

Dobradiça sem caimento para box

Hinge without fall for box

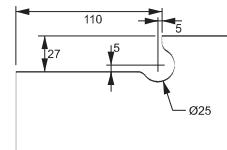
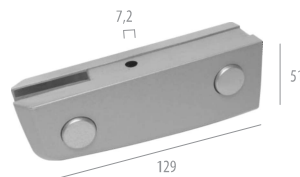
Bisagra sin caída para box

OBS: DIMENSÕES MÁXIMAS DO VIDRO: 600x1900mm (larg x alt) - UTILIZANDO 2 PEÇAS

Linha Tradicional

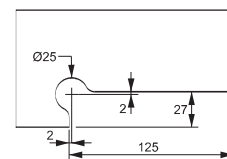
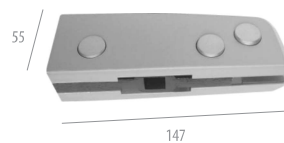
AL 1101 A

NAT BCO PTO BZE 1002



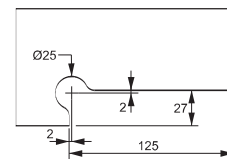
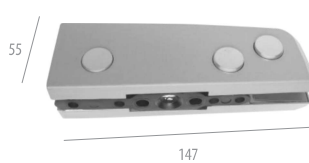
Recorte

AL 1103



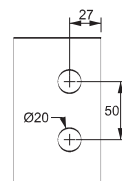
Recorte

AL 1103 A



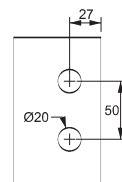
Recorte

AL 1114



Recorte

AL 1115



Recorte

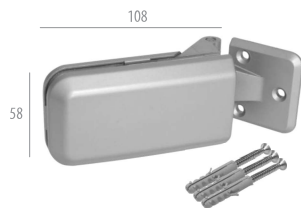
CAPA 1116

CRO NAT BCO PTO BZE 1002

Dobradiça lateral horizontal simples

Simple side horizontal hinge

Bisagra lateral horizontal simple



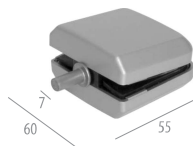
OBS: DIMENSÕES MÁXIMAS DO VIDRO: 1000x2200mm (larg x alt) ou 900x2600mm (larg x alt) - UTILIZANDO 2 PEÇAS

CAPA 1123

Dobradiça para vidro basculante com pino de inox

Hinge for tilting glass with pin of inox

Bisagra para vidro basculante con pino de inox



OBS: DIMENSÕES MÁXIMAS DO VIDRO: 800x700mm (larg x alt) - UTILIZANDO 2 PEÇAS

CAPA 1125 CR

Roldana excêntrica (NYL) COM rolamento

Eccentric pulley WITH bearing

Rodillo excêntrica (NYL) CON cojinete



CAPA 1125 SR

Roldana excêntrica SEM rolamento

Eccentric pulley WITHOUT bearing

Rodillo excêntrica (NYL) SIN cojinete

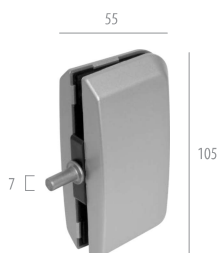


CAPA 1130

Suporte para basculante e pivotante com pino de inox

Support for tilting and pivoting glass with pin of inox

Soporte para basculante y pivotante con pino de inox

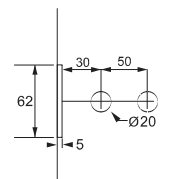


OBS: DIMENSÕES MÁXIMAS DO VIDRO: 1000x800mm (larg x alt) - UTILIZANDO 2 PEÇAS

Linha Tradicional

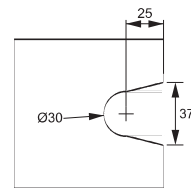
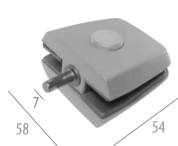
Disponível apenas na
Linha Capa

NAT BCO PTO BZE 1002



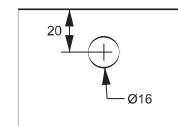
Recorte

AL 1123



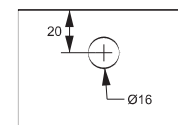
Recorte

AL 1125 CR



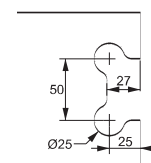
Recorte

AL 1125 SR



Recorte

AL 1130



Recorte

Disponível apenas na
Linha Tradicional

CRO NAT BCO PTO BZE 1002

Dobradiça Maxin-ar V/V

Hinge Maxin-ar V/V

Bisagra Maxin-ar V/V

OBS: DIMENSÕES MÁXIMAS DO VIDRO: 800x700mm (larg x alt) - UTILIZANDO 2 PEÇAS

Disponível apenas na
Linha Tradicional

Dobradiça Maxin-ar V/A

Hinge Maxin-ar V/A

Bisagra Maxin-ar V/A

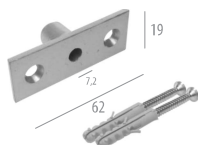
OBS: DIMENSÕES MÁXIMAS DO VIDRO: 800x700mm (larg x alt) - UTILIZANDO 2 PEÇAS

CAPA 1201

Bucha para pivô de dobradiça

Bushing for hinge's pivot

Tarugo para pivote de bisagra

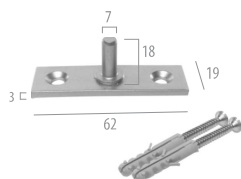


CAPA 1201 A

Bucha com pino de inox para pivô de dobradiça

Bushing with pin of inox for hinge's bolt

Tarugo com pino de inox para pivote de bisagra



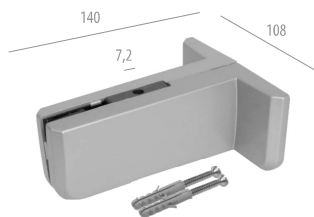
CAPA 1203

Suporte para bandeira com ponto de giro para dobradiça superior

Support for frame with turn over point for upper hinge

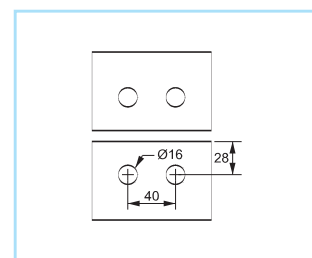
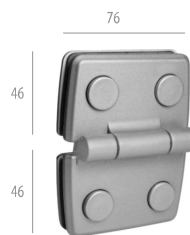
Soporte para bandera con punto de giro para bisagra superior

OBS: DIMENSÕES MÁXIMAS DO VIDRO: 2000x700mm (larg x alt) - UTILIZANDO 2 PEÇAS



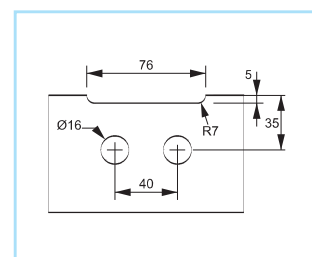
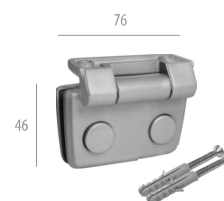
AL 1131

NAT BCO PTO BZE 1002



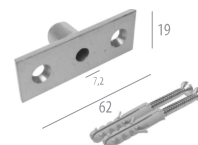
Recorte

AL 1132

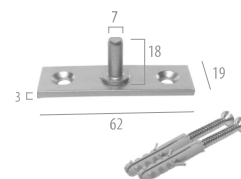


Recorte

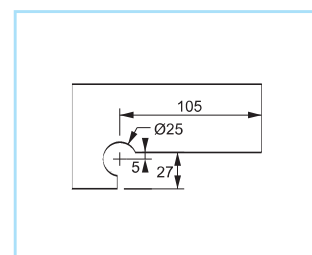
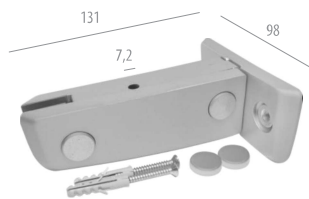
AL 1201



AL 1201 A



AL 1203



Recorte

CAPA 1304

CRO NAT BCO PTO BZE 1002

Suporte sem miolo para união de dois vidros

Support without core for union of two glasses

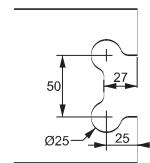
Soporte sin núcleo para unión de dos vidrios



Linha Tradicional

AL 1304

NAT BCO PTO BZE 1002



Recorte

CAPA 1306

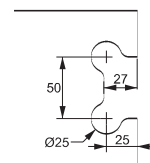
Suporte com miolo para união de dois vidros

Support with core for union of two glasses

Soporte con núcleo para unir dos vidrios



AL 1306



Recorte

CAPA 1310

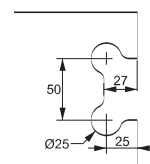
Suporte para união de dois ou três vidros em "L"

Support for union of two or three glasses in "L"

Soporte para unir dos o tres vidrios en "L"



AL 1310



Recorte

OBS: DIMENSÕES MÁXIMAS DO VIDRO: 2000x700mm (larg x alt)

CAPA 1315

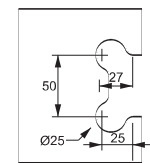
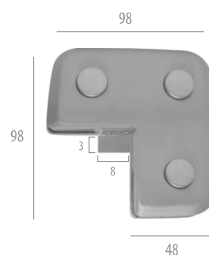
Suporte para união de dois ou três vidros em "L" com batadeira

Support for union of two or three glasses in "L" with beater

Soporte para unión de dos o tres vidrios en "L" con batidor



AL 1315



Recorte

OBS: DIMENSÕES MÁXIMAS DO VIDRO: 2000x700mm (larg x alt)

CAPA 1316

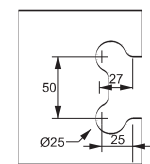
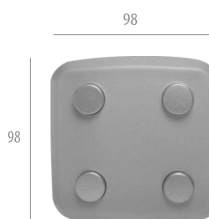
Suporte para união de quatro vidros sem miolo

Support for union of four glasses without core

Soporte para unión de cuatro vidrios sin núcleo



AL 1316



Recorte

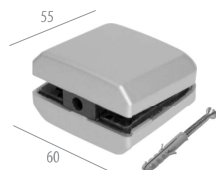
CAPA 1329

CRO NAT BCO PTO BZE 1002

Suporte de centro

Central support

Soporte de centro



OBS: DIMENSÕES MÁXIMAS DO VIDRO: 1000x1500mm (larg x alt) - UTILIZANDO 4 PEÇAS

Disponível apenas na
Linha Tradicional

Suporte de pressão para guarda-corpo

Pressure suport for body-guard

Soporte de presión para guarda-cuerpo

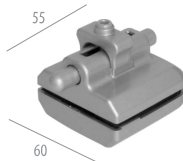
OBS: DIMENSÕES MÁXIMAS DO VIDRO: 800x700mm (larg x alt) - UTILIZANDO 4 PEÇAS

CAPA 1335

Trinco sem miolo

Latch without core

Pestillo sin núcleo

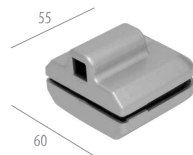


CAPA 1335 C

Contratrinco para AL 1335

Counterlatch for AL 1335

Contrapestillo para AL 1335

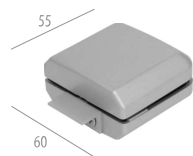


CAPA 1402

Suporte com batedor

Support with beater

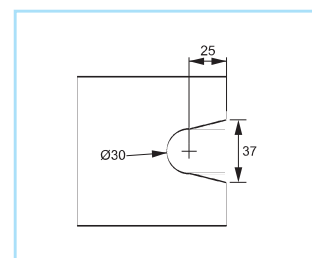
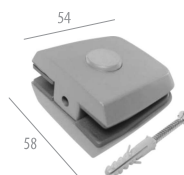
Soporte con batidor



Linha Tradicional

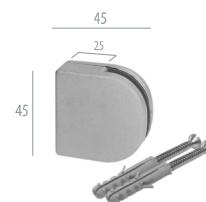
AL 1329

NAT BCO PTO BZE 1002

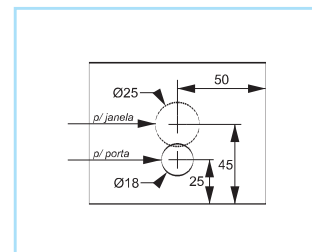
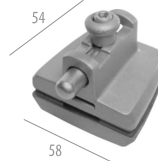


Recorte

AL 1329 P

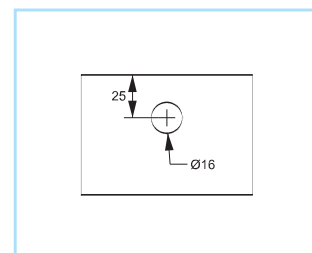
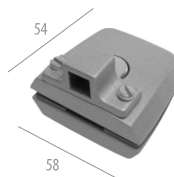


AL 1335



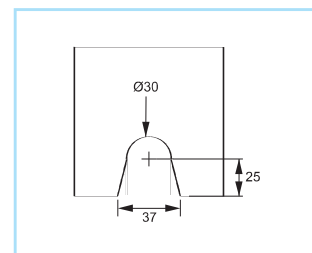
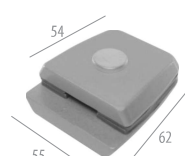
Recorte

AL 1335 C



Recorte

AL 1402



Recorte

CAPA 1504

CRO NAT BCO PTO BZE 1002

Contrafechadura com recorte para AL 1520

Counterlock with notch for AL 1520

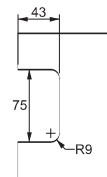
Contracerradura con recorte para AL 1520



Linha Tradicional

AL 1504

NAT BCO PTO BZE 1002



Recorte

CAPA 1504 A

Contrafechadura alvenaria para AL 1520

Counterlock for AL 1520

Contracerradura para AL 1520



AL 1504 A

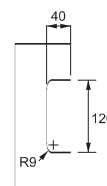


Disponível apenas na
Linha Tradicional

Fechadura bico-de-papagaio com recorte para porta de correr

Parrot's beak lock with notch to sliding door

Cerradura pico-de-papagaio com recorte para puerta de correria



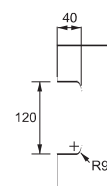
Recorte

Disponível apenas na
Linha Tradicional

Fechadura bico-de-papagaio com recorte direita para janela

Right parrot's beak lock with notch for window

Cerradura pico-de-papagaio com recorte derecha para ventana



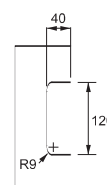
Recorte

Disponível apenas na
Linha Tradicional

Fechadura bico-de-papagaio com recorte esquerda para janela

Left parrot's beak lock with notch for window

Cerradura pico-de-papagaio com recorte izquierda para ventana



Recorte

Disponível apenas na
Linha Tradicional

CRO NAT BCO PTO BZE 1002

Contrafechadura com recorte para AL 1510

Counterlock with notch for AL 1510

Contracerradura con recorte para AL 1510

Disponível apenas na
Linha Tradicional

Contrafechadura alvenaria para AL 1510, AL 1510 JD e AL 1510 JE

Counterlock for AL 1510, AL 1510 JD e AL 1510 JE

Contracerradura para AL 1510, AL 1510 JD e AL 1510 JE

Disponível apenas na
Linha Tradicional

Contrafechadura com recorte para janela com fechadura AL 1510 JD

Counterlock with notch for window with lock AL 1510 JD

Contracerradura con recorte para ventana con cerradura AL 1510 JD

Disponível apenas na
Linha Tradicional

Trinco inferior com miolo

Lower latch with core

Pestillo inferior con núcleo

CAPA 1520

Fechadura para porta de abrir

Lock for opening door

Cerradura para puerta de abrir

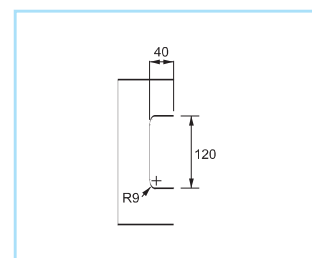


Linha Tradicional

Disponível nas cores:

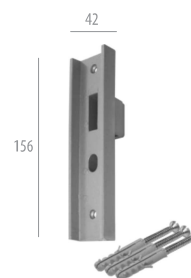
NAT BCO PTO BZE 1002

AL 1511

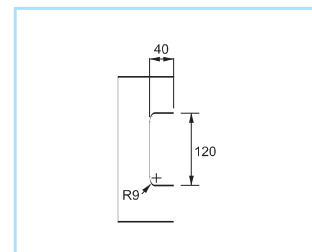
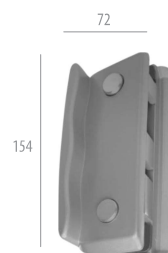


Recorte

AL 1511 A

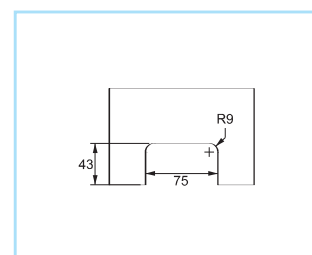


AL 1511 JD



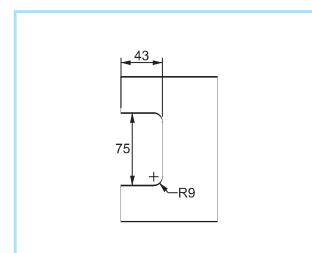
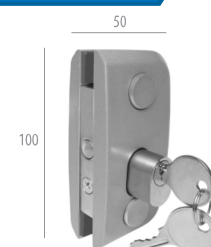
Recorte

AL 1519



Recorte

AL 1520



Recorte

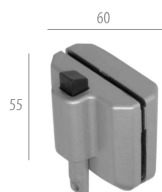
CAPA 1523

CRO NAT BCO PTO BZE 1002

Trinco central para basculante

Central latch for tilting glass

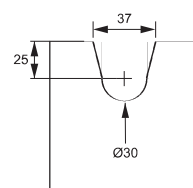
Pestillo central para basculante



Linha Tradicional

AL 1523

NAT BCO PTO BZE 1002



Recorte

CAPA 1524

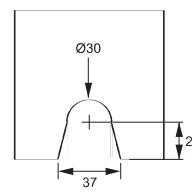
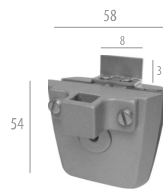
Contratrinco central para basculante

Central counterlatch for tilting glass

Contrapestillo central para basculante



AL 1524



Recorte

CAPA 1531

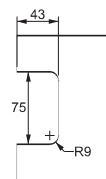
Contrafechadura com aparador para AL 1520

Counterlock with cropper for AL 1520

Contracerradura con aparador AL 1520



AL 1531



Recorte

Disponível apenas na
Linha Tradicional

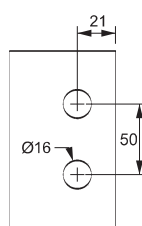
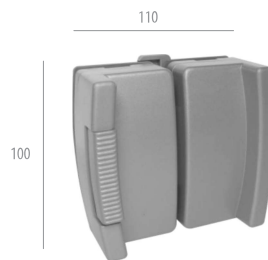
Fecho Bate-fecha V/V

Lock Bate-fecha V/V

Cerradura Bate-fecha V/V

OBS: DIMENSÕES MÁXIMAS DO VIDRO: 650x800mm (larg x alt)

AL 1570



Recorte

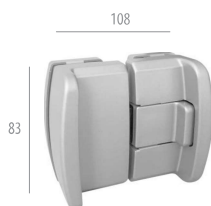
CAPA 1570 P



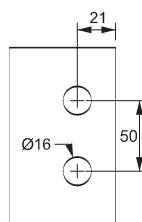
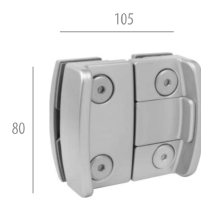
Mini Fecho Bate-fecha V/V

Mini lock "Bate-fecha" V/V

Mini cerradura "Bate-fecha" V/V



AL 1570 P



Recorte

OBS: DIMENSÕES MÁXIMAS DO VIDRO: 650x800mm (larg x alt)

Disponível apenas na
Linha Tradicional

CRO NAT BCO PTO BZE 1002

Fecho Bate-fecha V/A

Lock Bate-fecha V/A

Cerradura Bate-fecha V/A

OBS: DIMENSÕES MÁXIMAS DO VIDRO: 650x800mm (larg x alt)

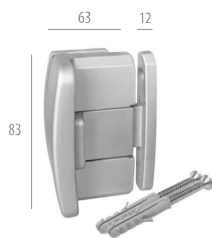
CAPA 1571 P

NOVO

Mini Fecho Bate-fecha V/A

Mini lock "Bate-fecha" V/A

Mini cerradura "Bate-fecha" V/A



OBS: DIMENSÕES MÁXIMAS DO VIDRO: 650x800mm (larg x alt)

Disponível apenas na
Linha Tradicional

Puxador com 18mm de diâmetro

Handle with 18mm diameter

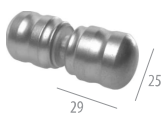
Tirador con 18mm de diámetro

CAPA 1629 B

Puxador com 25mm de diâmetro

Handle with 25mm diameter

Tirador con 25mm de diámetro

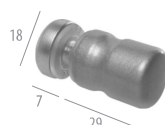


Disponível apenas na
Linha Tradicional

Puxador com 18mm de diâmetro

Handle with 18mm diameter

Tirador con 18mm de diámetro



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CAPA 1629 JB

CRO NAT BCO PTO BZE 1002

Puxador com 25mm de diâmetro

Handle with 25mm diameter

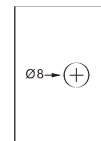
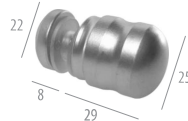
Tirador con 25mm de diámetro



Linha Tradicional

AL 1629 JB

NAT BCO PTO BZE 1002



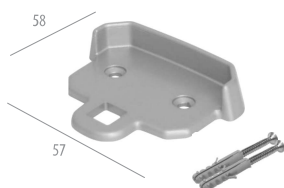
Recorte

CAPA 1801

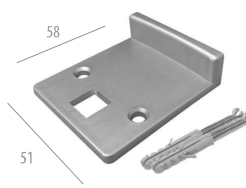
Chapinha para trinco basculante

Plate for tilting latch

Chapita para pestillo basculante



AL 1801

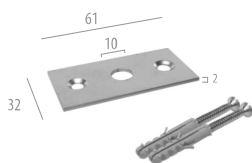


CAPA 1801 A

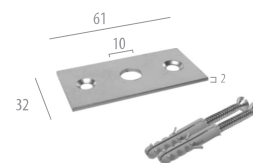
Chapinha para trinco de piso

Plate for floor latch

Chapita para pestillo de piso



AL 1801 A

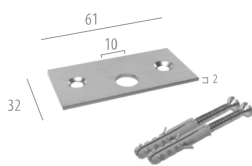


CAPA 1801 B

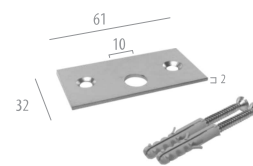
Chapinha para trinco com furo deslocado

Plate for latch with hole displaced

Chapita para pestillo con agujero deslocado



AL 1801 B



Disponível apenas na
Linha Tradicional

Contrafechadura de alvenaria para AL 3532 M

Counterlock for AL 3532 M

Contracerradura para AL 3532 M

AL 3206 M



Mini fechadura para janela de correr com furo

Mini lock to sliding window with hole

Mini cerradura para ventana de correria con agujero

Contrafechadura com furo para AL 3532 M

Counterlock with hole for AL 3532 M

Contracerradura con agujero para AL 3532 M

CAPA 3206

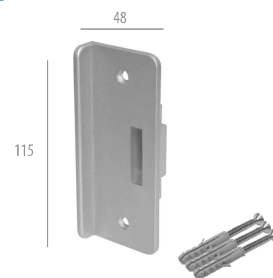
Contrafechadura alvenaria para AL 3210, AL 3530 e AL 3532

Counterlock for AL 3210, AL 3530 e AL 3532

Contracerradura para AL 3210, AL 3530 e AL 3532



AL 3206



CAPA 3210

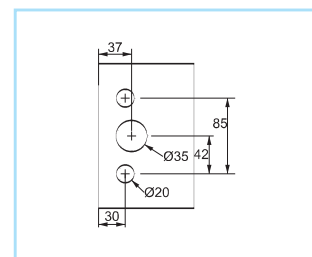
Fechadura para porta de abrir com furo

Lock for opening door with hole

Cerradura para puerta de abrir con agujero



AL 3210



CAPA 3211

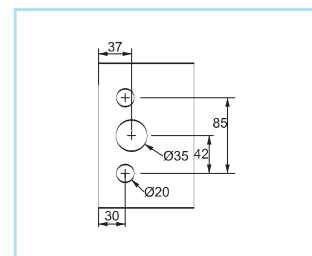
Contrafechadura com aparador para AL 3210

Counterlock with cropper for AL 3210

Contracerradura con aparador para AL 3210



AL 3211



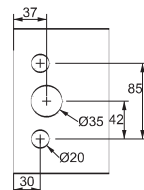
CAPA 3212

CRO NAT BCO PTO BZE 1002

Contrafechadura sem aparador para AL 3210

Counterlock without hole for AL 3210

Contracerradura sin agujero para AL 3210



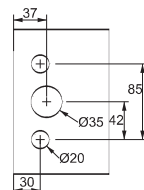
Recorte

CAPA 3530

Fechadura para porta de correr com furo

Lock to sliding door with hole

Cerradura para puerta de correria con agujero



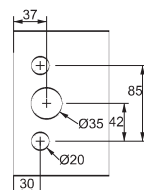
Recorte

CAPA 3532

Fechadura para janela de correr com furo

Lock to sliding window with hole

Cerradura para ventana de correria con agujero



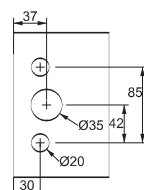
Recorte

CAPA 3534

Contrafechadura com furo para AL 3530

Counterlock with hole for AL 3530

Contracerradura con agujero para AL 3530



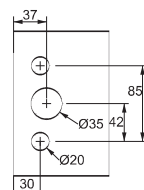
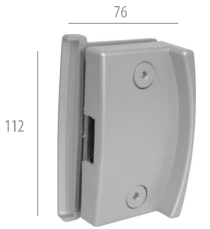
Recorte

CAPA 3536

Contrafechadura com furo para AL 3532

Counterlock with hole for AL 3532

Contracerradura con agujero para AL 3532



Recorte

CAPA 1510/11 DIR

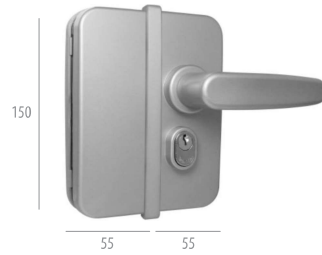
CRO NAT BCO PTO BZE 1002

Conjunto de fechadura maçaneta V/V

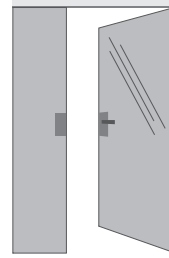
Lock with door handle V/V

Cerradura con asidero V/V

ATENÇÃO: Não utilizar a CH 1510/11 Maçaneta em instalações com MOLA HIDRÁULICA e locais com alto fluxo.

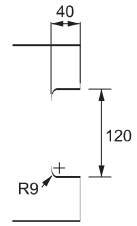


ABERTURA P/
DIREITA



VISTA DE FORA PARA DENTRO

MESMO RECORTE DA AL 1510



Recorte

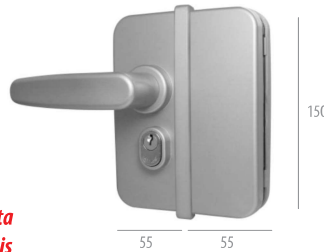
CAPA 1510/11 ESQ

Conjunto de fechadura maçaneta V/V

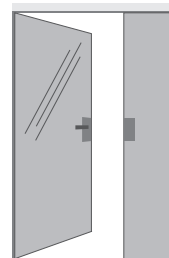
Lock with door handle V/V

Cerradura con asidero V/V

ATENÇÃO: Não utilizar a CH 1510/11 Maçaneta em instalações com MOLA HIDRÁULICA e locais com alto fluxo.

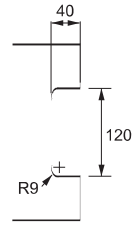


ABERTURA P/
ESQUERDA



VISTA DE FORA PARA DENTRO

MESMO RECORTE DA AL 1510



Recorte

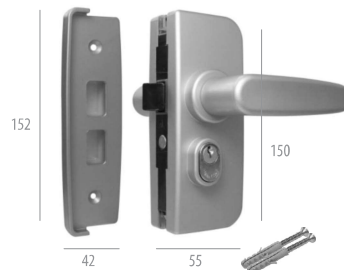
CAPA 1510/11A DIR

Conjunto de fechadura maçaneta V/A

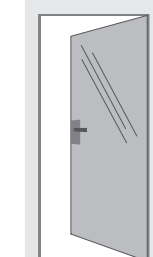
Lock with door handle V/A

Cerradura con asidero V/A

ATENÇÃO: Não utilizar a CH 1510/11A Maçaneta em instalações com MOLA HIDRÁULICA e locais com alto fluxo.

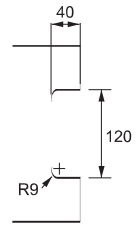


ABERTURA P/
DIREITA



VISTA DE FORA PARA DENTRO

MESMO RECORTE DA AL 1510



Recorte

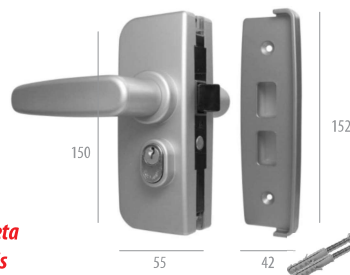
CAPA 1510/11A ESQ

Conjunto de fechadura maçaneta V/A

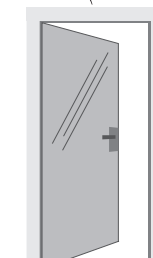
Lock with door handle V/A

Cerradura con asidero V/A

ATENÇÃO: Não utilizar a CH 1510/11A Maçaneta em instalações com MOLA HIDRÁULICA e locais com alto fluxo.

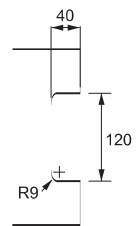


ABERTURA P/
ESQUERDA



VISTA DE FORA PARA DENTRO

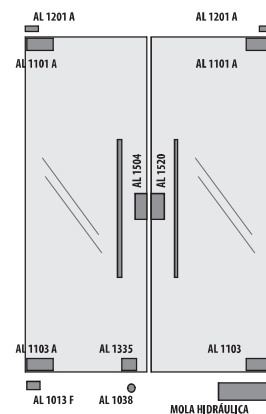
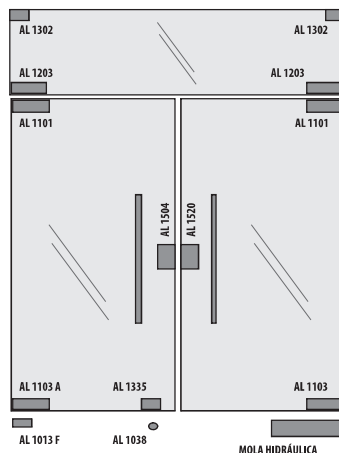
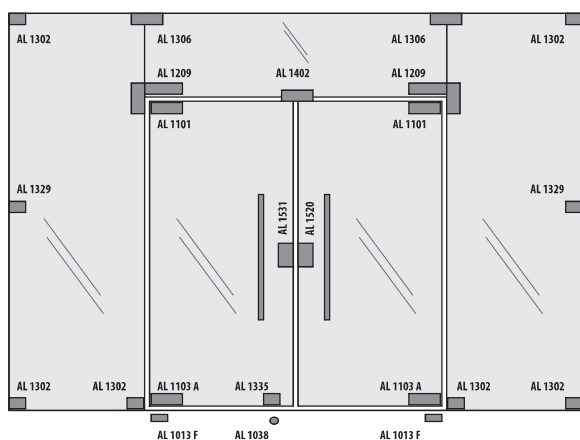
MESMO RECORTE DA AL 1510



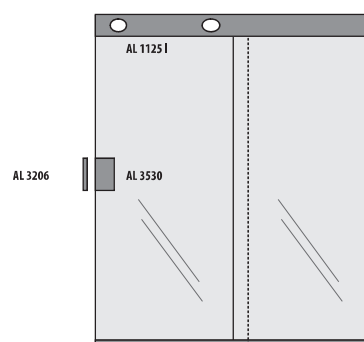
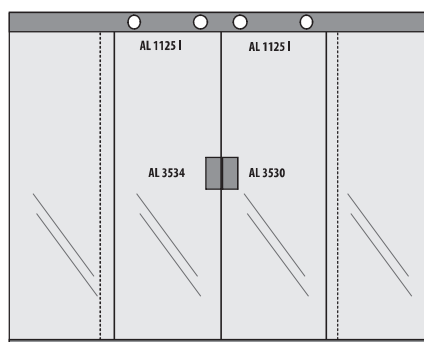
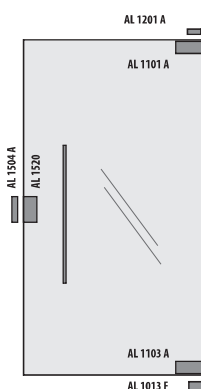
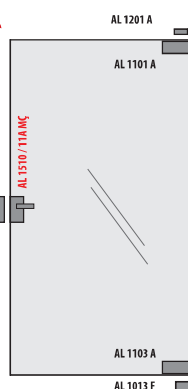
Recorte

PORTAS PIVOTANTES E DE CORRER

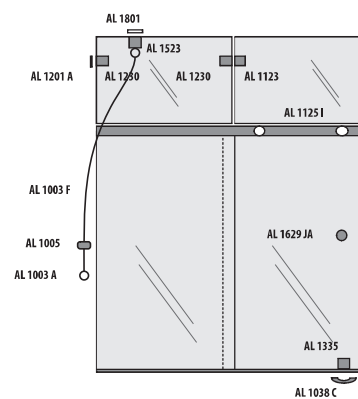
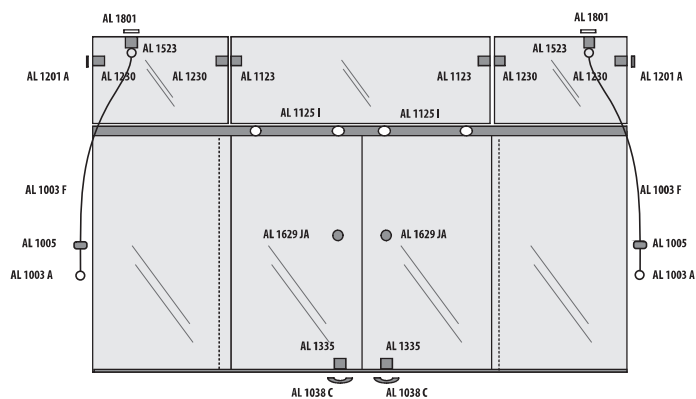
Utilize também fechaduras Linha BLINDEX 3000

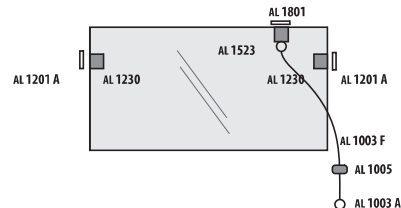
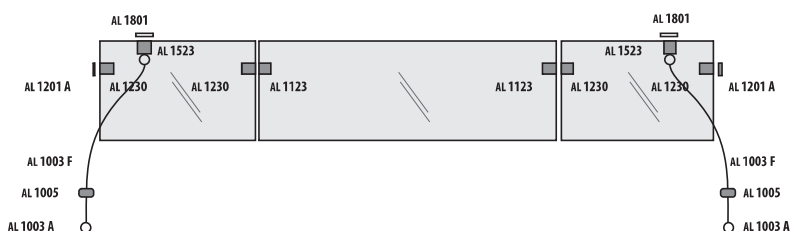
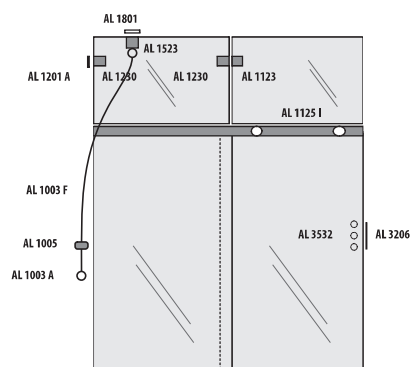
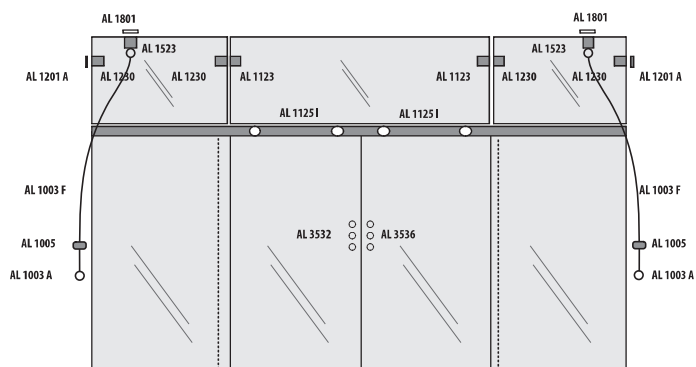
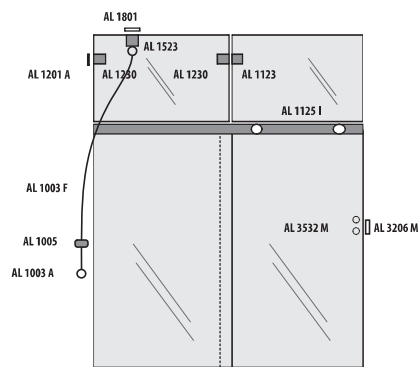
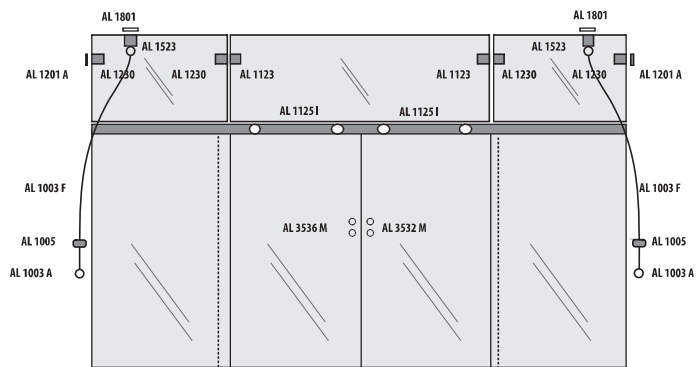


NOVO



JANELAS DE CORRER COM BASCULANTE





Cálculo correto para PONTO DE GIRO

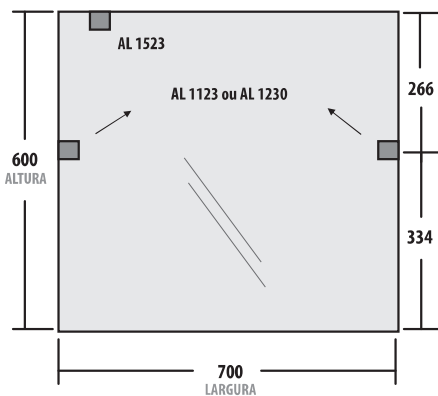
Baseado no manual do vidro Saint-Gobain

ATENÇÃO!

Obs. Dimensões máximas para utilização das dobradiças AL 1230 ou AL 1123 em basculantes: (altura 600mm x largura 700mm - 0,42m²) Acima destas dimensões, utilizar a AL 1130 e AL 1231.

PADRÃO UNIVERSAL

$$\frac{(48.000 / \text{largura}) + \text{altura}}{2} = \text{Ponto de giro (de baixo para cima)}$$



$$48000 \div 700 = 68,57$$

LARGURA

$$68,57 + 600 = 668,6$$

ALTURA

$$668,6 \div 2 = 334$$

PONTO DE GIRO

PUXADORES

POLÍMERO

METAIS: ALUMÍNIO e INOX

PUXADORES EM METAL:

CONSULTE-NOS PARA MEDIDA FORA DO PADRÃO



P ARCO - 1 FURTO: BRILHANTE

PAL-42 - QUADRADO: PRETO

P ARCO - 400: BRANCO



PUXADOR EM INOX ESCOVADO C/ MEDIDA FORA DO PADRÃO

PI - RETANGULAR EM INOX

P ARCO - PUXADORES EM POLÍMERO



Acabamento: Brilhante ou pintado natural fosco, branco, preto, bronze e bronze 1002

- P ARCO-500 - Comprimento 500mm - Entre Centro 300mm
- P ARCO-400 - Comprimento 400mm - Entre Centro 300mm
- P ARCO-300 - Comprimento 300mm - Entre Centro 200mm
- P ARCO-1 FURO - Comprimento 190mm

PI - PUXADORES REDONDO EM INOX



Acabamento: Polido ou escovado

- PI-20 - Comprimento 160mm - Diâmetro 25mm
- PI-22 - Comprimento 500mm - Entre Centro 300mm - Diâmetro 25mm
- PI-30 - Comprimento 500mm - Entre Centro 300mm - Diâmetro 38mm
- PI-31 - Comprimento 800mm - Entre Centro 300mm - Diâmetro 38mm
- PI-34 - Comprimento 1200mm - Entre Centro 500mm - Diâmetro 38mm
- PI-35 - Comprimento 1500mm - Entre Centro 500mm - Diâmetro 38mm
- PI-36 - Comprimento 300mm - Entre Centro 200mm - Diâmetro 25mm
- PI-32 - Comprimento 400mm - Entre Centro 300mm - Diâmetro 25mm
- PI-80 - Comprimento 800mm - Entre Centro 300mm - Diâmetro 25mm
- PI-120 - Comprimento 1200mm - Entre Centro 500mm - Diâmetro 25mm
- PI-150 - Comprimento 1500mm - Entre Centro 500mm - Diâmetro 25mm

PI - PUXADORES RETANGULAR EM INOX



Acabamento: Escovado

- PI-136 - Comprimento 300mm - Entre Centro 200mm - Retangular 30x10mm
- PI-132 - Comprimento 400mm - Entre Centro 300mm - Retangular 30x10mm
- PI-122 - Comprimento 500mm - Entre Centro 300mm - Retangular 30x10mm
- PI-131 - Comprimento 800mm - Entre Centro 300mm - Retangular 30x10mm
- PI-1120 - Comprimento 1200mm - Entre Centro 500mm - Retangular 30x10mm
- PI-1150 - Comprimento 1500mm - Entre Centro 500mm - Retangular 30x10mm

PAL - PUXADORES REDONDO EM ALUMÍNIO



Acabamento: Brilhante ou pintado natural fosco, branco, preto, bronze e bronze 1002

- PAL-376 - Comprimento 300mm - Entre Centro 300mm - Diâmetro 25mm
- PAL-374 - Comprimento 300mm - Entre Centro 300mm - Diâmetro 25mm
- PAL-36 - Comprimento 300mm - Entre Centro 200mm - Diâmetro 25mm
- PAL-32 - Comprimento 400mm - Entre Centro 300mm - Diâmetro 25mm
- PAL-28 - Comprimento 500mm - Entre Centro 300mm - Diâmetro 25mm
- PAL-50 - Comprimento 500mm - Entre Centro 300mm - Diâmetro 38mm
- PAL-51 - Comprimento 800mm - Entre Centro 300mm - Diâmetro 38mm
- PAL-54 - Comprimento 1200mm - Entre Centro 500mm - Diâmetro 38mm
- PAL-55 - Comprimento 1500mm - Entre Centro 500mm - Diâmetro 38mm
- PAL-80 - Comprimento 800mm - Entre Centro 300mm - Diâmetro 25mm
- PAL-120 - Comprimento 1200mm - Entre Centro 500mm - Diâmetro 25mm
- PAL-150 - Comprimento 1500mm - Entre Centro 500mm - Diâmetro 25mm

PAL - PUXADORES QUADRADO EM ALUMÍNIO



Acabamento: Brilhante ou pintado natural fosco, branco, preto, bronze e bronze 1002

- PAL-46 - Comprimento 300mm - Entre Centro 200mm - Quadrado 25x25mm
- PAL-42 - Comprimento 400mm - Entre Centro 300mm - Quadrado 25x25mm
- PAL-48 - Comprimento 500mm - Entre Centro 300mm - Quadrado 25x25mm
- PAL-480 - Comprimento 800mm - Entre Centro 300mm - Quadrado 25x25mm
- PAL-4120 - Comprimento 1200mm - Entre Centro 500mm - Quadrado 25x25mm
- PAL-4150 - Comprimento 1500mm - Entre Centro 500mm - Quadrado 25x25mm

PP - PUXADOR REDONDO EM AÇO CARBONO

Acabamento: Pintado natural fosco, branco, preto, bronze e bronze 1002

- PP-26 - Comprimento 160mm - Diâmetro 25mm

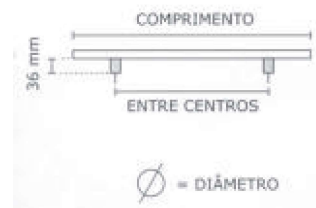
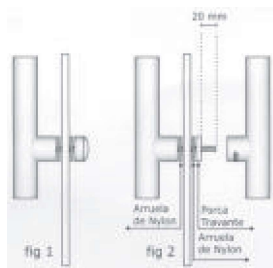
ATENÇÃO!

Para instalação de nossos puxadores, utilize furação de 10 a 12mm de diâmetro.

ESPECIFICAÇÕES



Obs.: Este acessório somente será solicitado quando o puxador for utilizado individualmente ou conforme a fig 1.



OBS: CONSULTE-NOS PARA MEDIDAS FORA DO PADRÃO. APENAS PUXADORES EM METAL.

ALUMÍNIO

KIT BOX: 8mm

KIT ENGENHARIA: 8mm e 10mm

Acessórios
Inclusos!

Kit Engenharia

VANTAGENS EXCLUSIVAS!



2cm A MAIS NO COMPRIMENTO



Kit Box

FRONTAL, CANTO, ABRIR



Fácil Acabamento



Furo de Dreno



KIT BOX - 8mm

Acabamento:

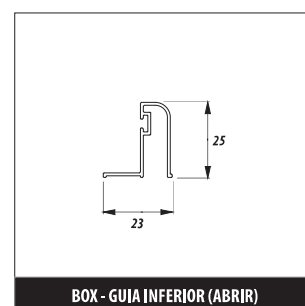
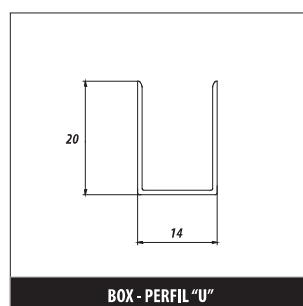
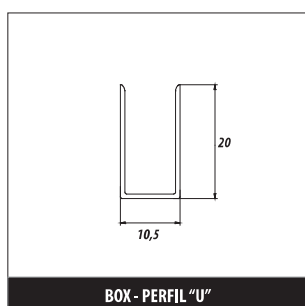
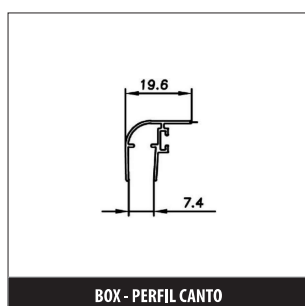
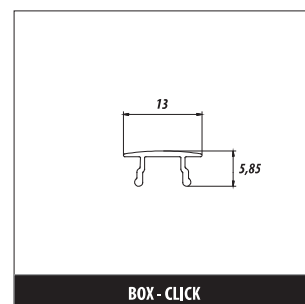
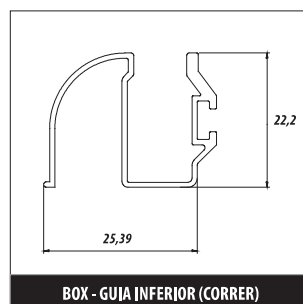
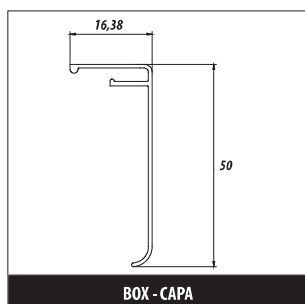
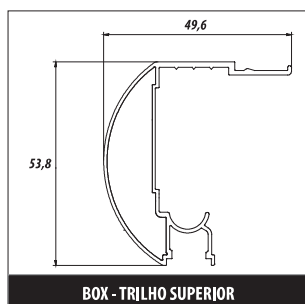
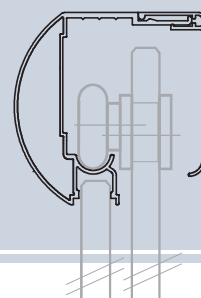
NATURAL FOSCO	BRANCO	PRETO
BRONZE	CHAMPANHE	BRILHANTE

Informações Técnicas:

Descontos

Fixo = vão - 55mm

Porta = vão - 20mm



KIT ENGENHARIA - 8mm

Acabamento:

NATURAL FOSCO

BRANCO

PRETO

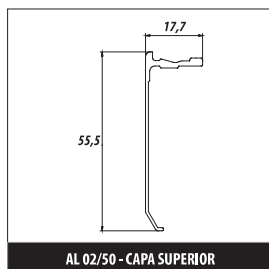
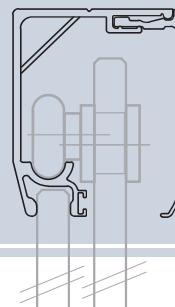
BRONZE

Informações Técnicas:

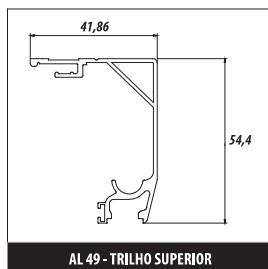
Descontos

Fixo = vão - 60mm

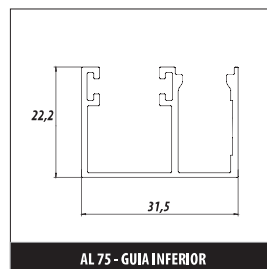
Correr = vão - 20mm



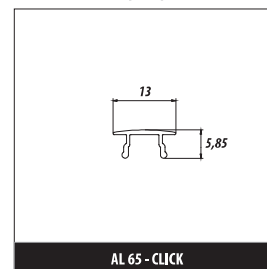
AL 02/50 - CAPA SUPERIOR



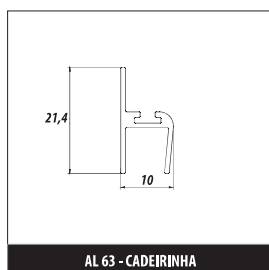
AL 49 - TRILHO SUPERIOR



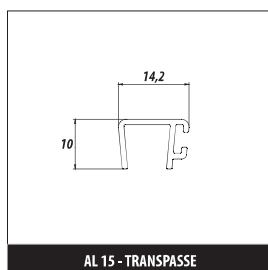
AL 75 - GUIA INFERIOR



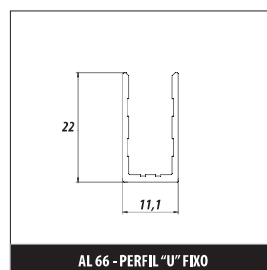
AL 65 - CLICK



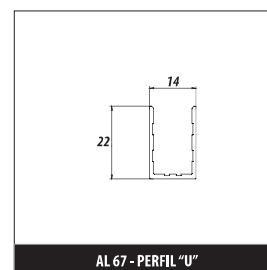
AL 63 - CADEIRINHA



AL 15 - TRANSPASSE



AL 66 - PERFIL "U" FIXO



AL 67 - PERFIL "U"

KIT ENGENHARIA - 10mm

Acabamento:

NATURAL FOSCO

BRANCO

PRETO

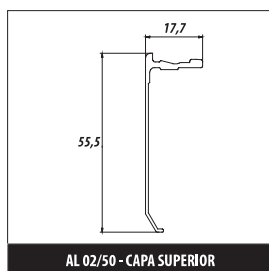
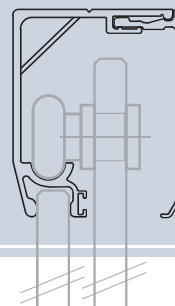
BRONZE

Informações Técnicas:

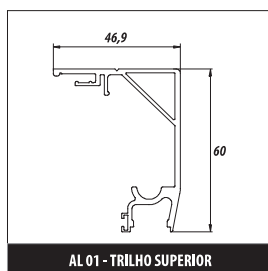
Descontos

Fixo = vão - 65mm

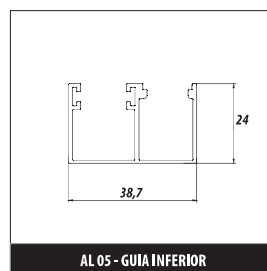
Correr = vão - 25mm



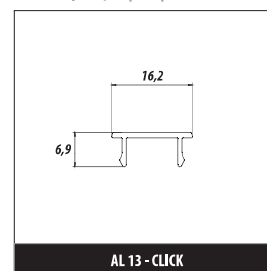
AL 02/50 - CAPA SUPERIOR



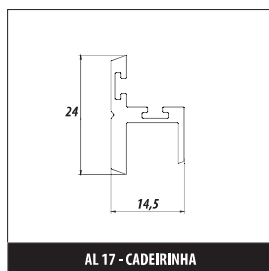
AL 01 - TRILHO SUPERIOR



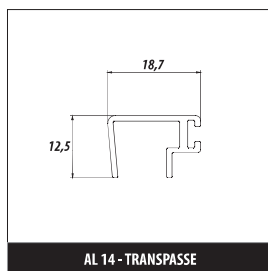
AL 05 - GUIA INFERIOR



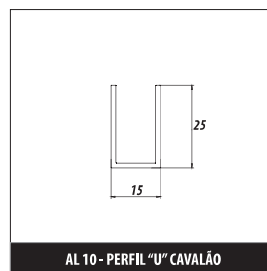
AL 13 - CLICK



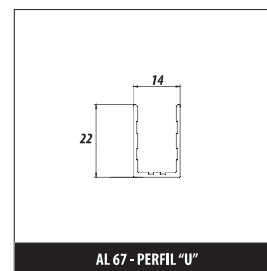
AL 17 - CADEIRINHA



AL 14 - TRANSPASSE



AL 10 - PERFIL "U" CAVALÃO



AL 67 - PERFIL "U"



**A EMPRESA QUE TRABALHA PARA
VALORIZAR O SEU TRABALHO!**



AL INDÚSTRIA - Marca da qualidade e inovação
Com a visão pioneira do seu fundador Max Le Leukhe em 2003, a AL
é a PRIMEIRA EMPRESA A INJETAR FERRAGENS EM POLÍMERO NO
MUNDO.

Hoje, instalada em um parque fabril com 15.000 metros
quadrados, reúne o que há de mais moderno em tecnologia e
oferece um mix completo de produtos:

POXADORES

Alumínio, inox e polímero em diversas medidas e acabamentos.

FERRAGENS EM POLÍMERO (8mm e 10mm)

Ferragens Linha Tradicional e Linha Capa (cromada e colorida).

EXTRUSÃO E PINTURA DE ALUMÍNIO

Kit Engenharia 8mm e 10mm, Kit Box 8mm, perfis com 6 metros.
Tubos, cantoneiras, corrimão, guarda-corpo e uma variedade de
itens para engenharia 8 e 10mm.

Hoje somos reconhecidos pela excelência dos produtos e
serviços, bem como pela história de pioneirismo e inovação.
Este reconhecimento, mais do que satisfação e orgulho,
gera motivação para que continuemos a desenvolver
nossas atividades da melhor forma possível, criando
sempre as melhores soluções para o profissional do vidro.

AL Indústria

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MARCA DA QUALIDADE



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