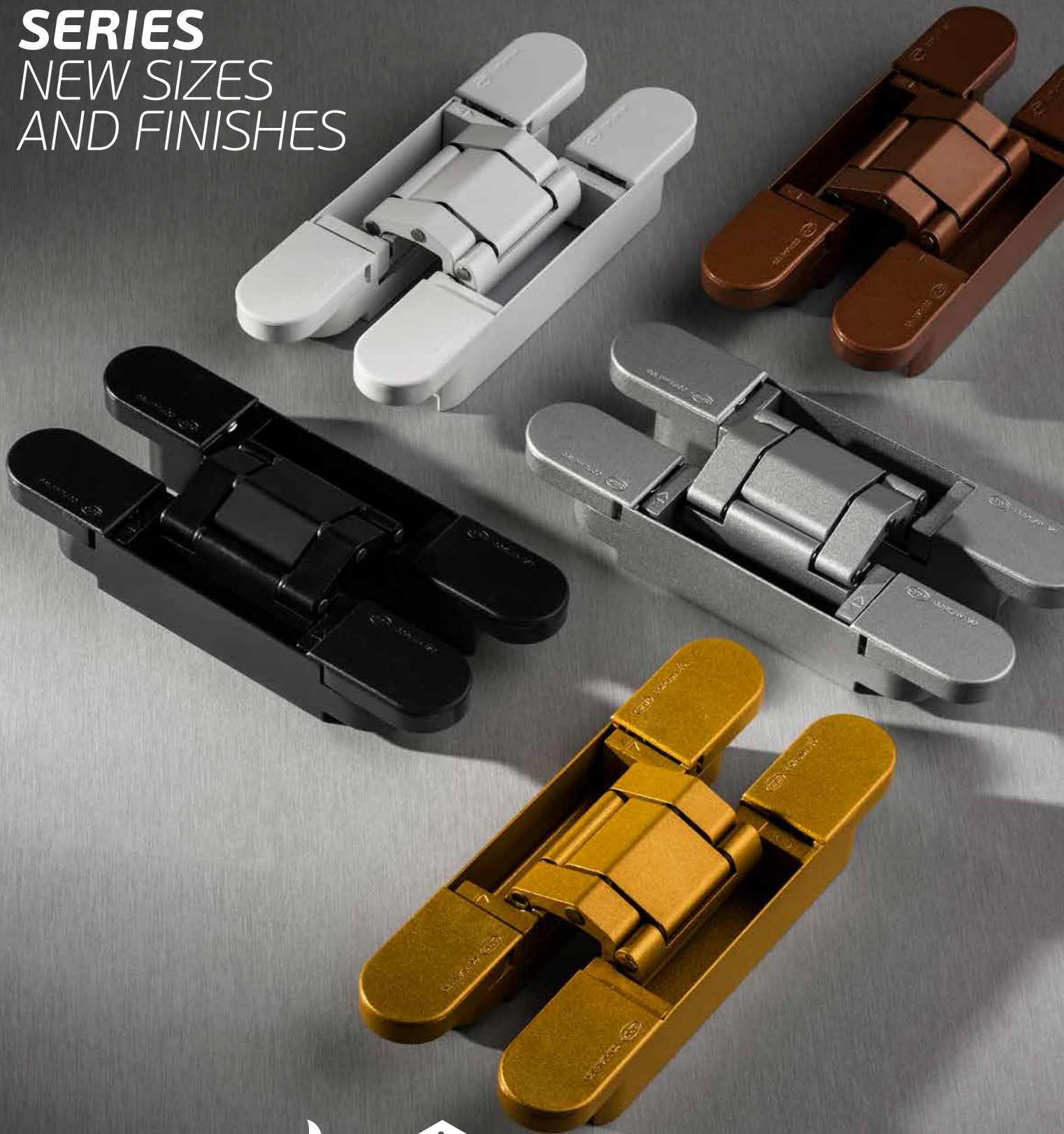


DOBRADIÇAS OCULTAS /
CONCEALED HINGE / BISAGRAS OCULTAS

COPLAN
SERIES
NEW SIZES
AND FINISHES



200.000 CYCLES



FIRE PROOF



Max.
18kg

RAL 9006

RAL 9005



IN.05.067
COPLAN SERIES 75
Dobradiça invisível com ajuste 3d /
Invisible hinge with 3d adjustment /
Bisagra invisible con ajuste 3d.

ESPESSURA MÍN. DE PORTA
MIN DOOR THICKNESS
ESPESOR MÍNIMO DE PUERTA

19
mm

Max.
50kg

RAL 9006

RAL 9005

RAL 9016

GOLD

COPPER



IN.05.066
COPLAN SERIES 100
Dobradiça invisível com ajuste 3d /
Invisible hinge with 3d adjustment /
Bisagra invisible con ajuste 3d.

ESPESSURA MÍN. DE PORTA
MIN DOOR THICKNESS
ESPESOR MÍNIMO DE PUERTA

25
mm

Max.
60kg

RAL 9006

RAL 9005

RAL 9016

GOLD

COPPER



IN.05.065
COPLAN SERIES 145
Dobradiça invisível com ajuste 3d /
Invisible hinge with 3d adjustment /
Bisagra invisible con ajuste 3d.

ESPESSURA MÍN. DE PORTA
MIN DOOR THICKNESS
ESPESOR MÍNIMO DE PUERTA

28
mm

Max.
80kg

Fireproof

RAL 9006

RAL 9005

RAL 9016

GOLD

COPPER



IN.05.064
COPLAN SERIES 120
Dobradiça invisível com ajuste 3d /
Invisible hinge with 3d adjustment /
Bisagra invisible con ajuste 3d.

ESPESSURA MÍN. DE PORTA
MIN DOOR THICKNESS
ESPESOR MÍNIMO DE PUERTA

36
mm

Max.
80kg

Fireproof

RAL 9006

RAL 9005

RAL 9016

GOLD

COPPER



IN.05.061
COPLAN SERIES 150
Dobradiça invisível com ajuste 3d /
Invisible hinge with 3d adjustment /
Bisagra invisible con ajuste 3d.

ESPESSURA MÍN. DE PORTA
MIN DOOR THICKNESS
ESPESOR MÍNIMO DE PUERTA

31
mm

Max.
120kg

Fireproof

RAL 9006

RAL 9005



IN.05.062
COPLAN SERIES 175
Dobradiça invisível com ajuste 3d /
Invisible hinge with 3d adjustment /
Bisagra invisible con ajuste 3d.

ESPESSURA MÍN. DE PORTA
MIN DOOR THICKNESS
ESPESOR MÍNIMO DE PUERTA

34
mm

Max.
190kg

Fireproof

RAL 9006

RAL 9005



IN.05.063
COPLAN SERIES 245
Dobradiça invisível com ajuste 3d /
Invisible hinge with 3d adjustment /
Bisagra invisible con ajuste 3d.

ESPESSURA MÍN. DE PORTA
MIN DOOR THICKNESS
ESPESOR MÍNIMO DE PUERTA

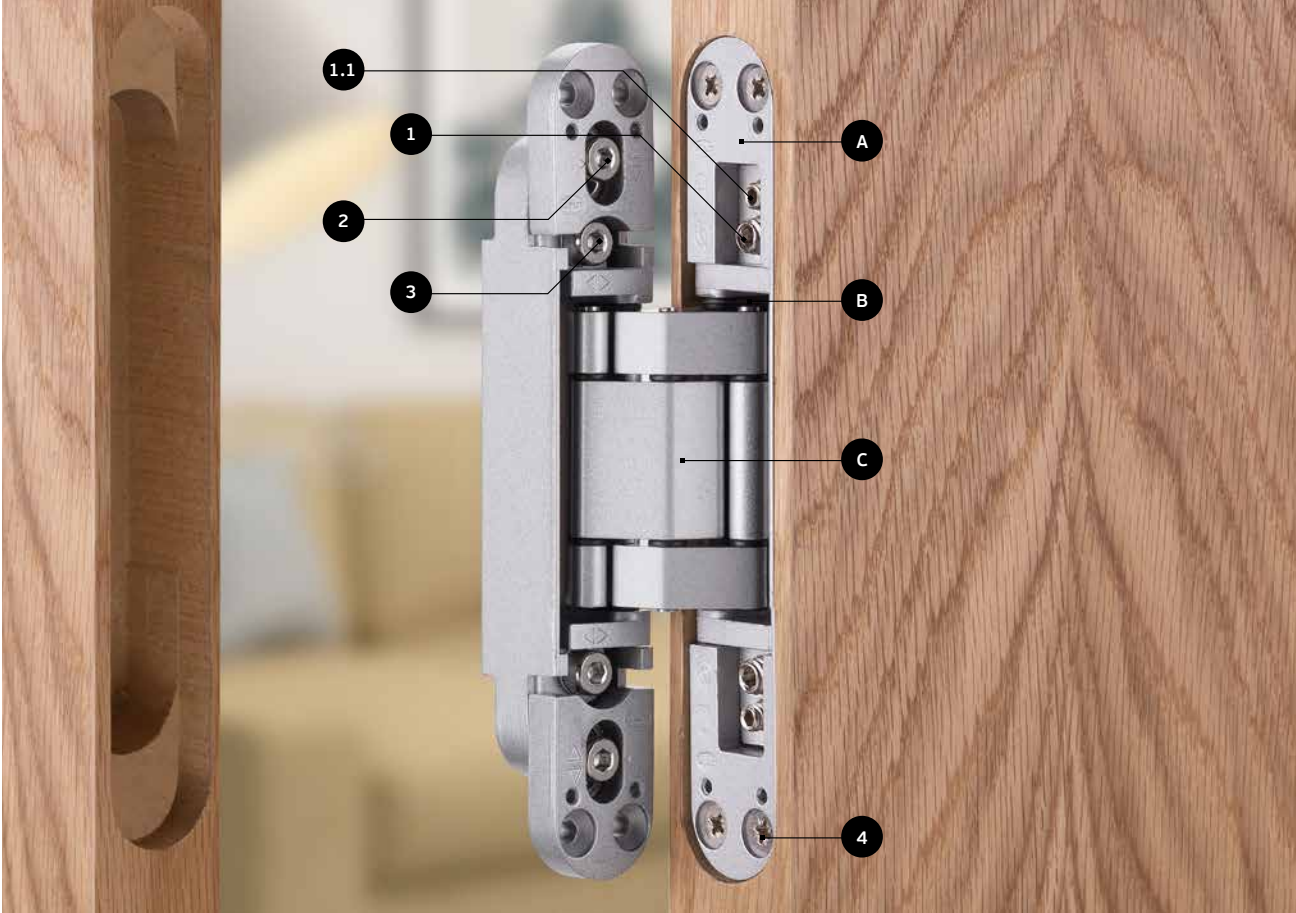
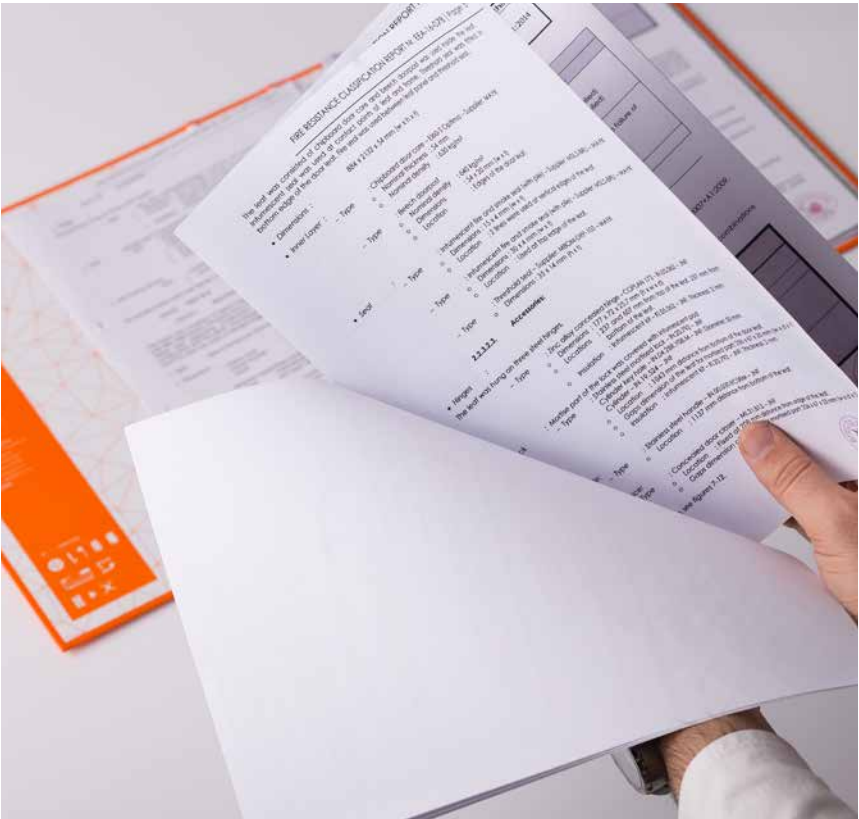
40
mm

DOBRADIÇAS OCULTAS /
CONCEALED HINGE / BISAGRAS OCULTAS

FIRE RESISTANCE / CERTIFICATION

Classificação da resistência ao fogo em conformidade com a EN 13501-2: 2007 + A1: 2009 /
Classification of fire resistance performance in accordance with EN 13501-2:2007 + A1:2009 /
Clasificación del comportamiento de resistencia al fuego según EN 1634-1: 2014 + A1: 2009

200.000 CYCLES



1

Ajuste em profundidade. Desapertar os 2 parafusos de cada dobradiça. Ajustar a posição da porta. Apertar todos os parafusos torque 3 Nm / Depth adjustment. Loose the 2 screws of each hinge. Adjust the position of the door. Tighten all screws torque 3 Nm / Ajuste de profundidad. Afloje los 2 tornillos de cada bisagra. Ajuste la posición de la puerta. Apriete todos los tornillos esfuerzo de torsión 3 Nm.

4

Parafusos de fixação.
Fixing screws. / Tornillos de fijación.

A

Corpo fabricado de liga de zinco fundido. O acabamento final é feito por revestimento em epoxi, garantindo resistência à oxidação, acabamento uniforme e resistência ao risco / Body made of cast zinc alloy. The final finish is made by epoxi coating, guaranteeing resistance to oxidation, uniform finish and resistance to scratches / Cuerpo hecho de aleación de zinc fundido. El acabado final se realiza mediante revestimiento en epoxi, garantizando la resistencia a la oxidación, un acabado uniforme y resistencia a los arañazos.

2

Ajuste vertical. Desapertar os 2 parafusos de cada dobradiça. Inserir um calço na parte inferior da porta com a folga pretendida. Apertar todos os parafusos torque 3 Nm / Vertical adjustment. Loose the 2 screws of each hinge. Place a shim in the lower part of the door with the desired gap. Tighten all screws torque 3 Nm / Ajuste vertical. Afloje los 2 tornillos de cada bisagra. Coloque la cuña en la parte inferior de la puerta con el hueco deseado. Apriete todos los tornillos esfuerzo de torsión 3 Nm.

B

Anilhas em liga de nylon de alta resistência, baixo atrito e com propriedades auto lubrificantes / Nylon washers with high strength, low friction and self lubricating properties / Arandelas en aleación de nylon de alta resistencia, de baja fricción, propiedades autolubrificantes.

3 3.1

Ajuste horizontal. Desapertar os parafusos (3) de cada dobradiça. Rodar alternadamente os parafusos (3.1) de forma a conseguir a folga desejada. Para bloquear o ajuste apertar todos os parafusos (3) torque 3 Nm / Horizontal adjustment. Loose the screws (3) of each hinge. Turning alternately the screws (3.1) in order to achieve the desired gap. To lock the adjustment tighten all the screws (3) torque 3 Nm / Ajuste horizontal. Afloje los tornillos (3) de cada bisagra. Rodar alternativamente los tornillos (3.1) con el fin de lograr el separación deseada. Para bloquear el ajuste de apretar todos los tornillos (3) esfuerzo de torsión 3 Nm.

C

"LINKS" fabricado em liga de alumínio, este elemento é fundamental para um desempenho correcto da dobradiça. Utilizamos a série 6000 que cria a resistência necessária ao uso cíclico, carga estática, precisão na maquinação dos eixos e também resistência à corrosão. Os eixos utilizados são feitos de eixos calibrados em aço inoxidável / "LINKS" made of aluminum alloy, for this important element for the function of the hinge. We use the 6000 series that give the necessary strength to cycle use, static load, and precision in the machinery of the axles and also resistance to corrosion. The axles used are made of stainless steel calibrated shafts / "LINKS" hechos de aleación de aluminio, para este elemento fundamental para la función de la bisagra. Utilizamos la serie 6000 que garantiza la resistencia necesaria para el uso cíclico, carga estática, precisión en la maquinação de los ejes y también resistencia a la corrosión. Los ejes utilizados son de ejes calibrados de acero inoxidable.

DOBRADIÇAS OCULTAS /

CONCEALED HINGE / BISAGRAS OCULTAS

IN.05.067

COPLAN SERIES 75

Dobradiça invisível para mobiliário
com ajuste 3D. (registro internacional) /
3D adjustable invisible hinge for furniture.
(international design registry) /
Bisagra invisible adjustable 3D para muebles.
(registro internacional).



4x

Max.
18kg

3x

Max.
14kg

2x

Max.
10kg

RAL
9006

IN.05.067.B
COPLAN SERIES 75
BLACK EDITION
Dobradiça invisível para mobiliário
com ajuste 3D. (registro internacional) /
3D adjustable invisible hinge for furniture.
(international design registry) /
Bisagra invisible adjustable 3D para muebles.
(registro internacional).



4x

Max.
18kg

3x

Max.
14kg

2x

Max.
10kg

RAL
9005

ACABAMENTO / FINISH / ACABADO: RAL 9006 (CINZENTO / SILVER / GRIS)

OPTIONAL: TAMPAS DECORATIVAS / DECORATIVE COVERS / CUBIERTAS DECORATIVAS
.C / .C.TB / .C.TG / .C.TCO

50,000 CYCLES TESTED

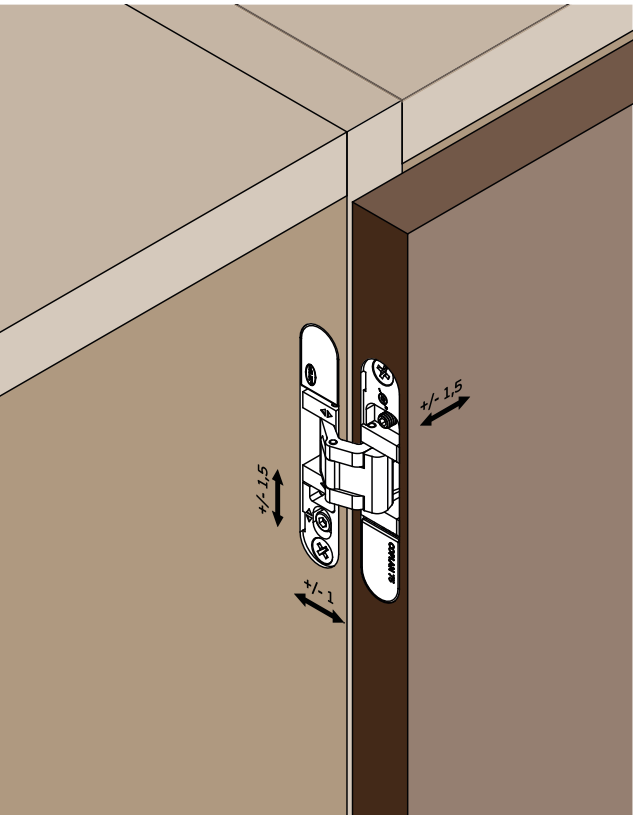
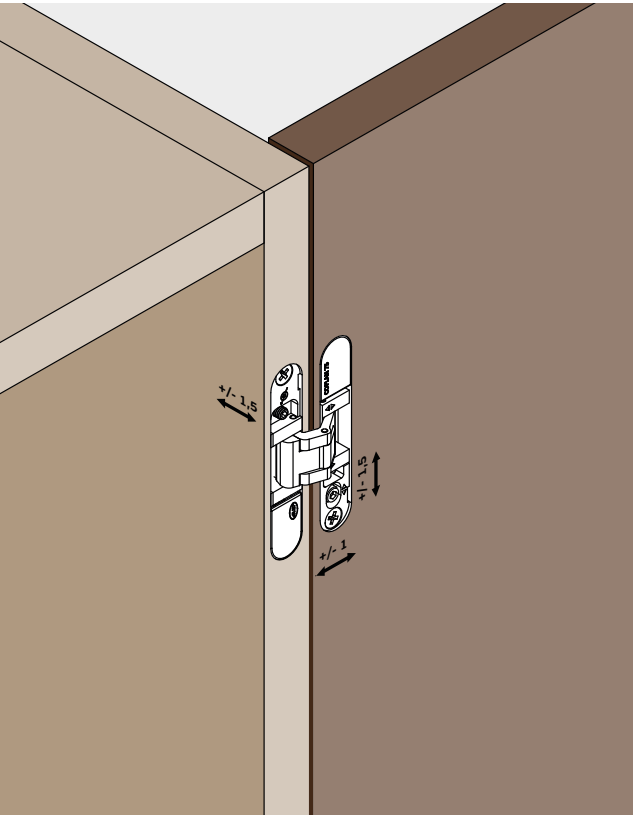
APLICAÇÃO
APPLICATION / APLICACIÓN

1



APLICAÇÃO
APPLICATION / APLICACIÓN

2

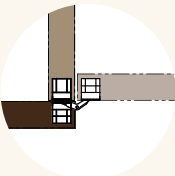
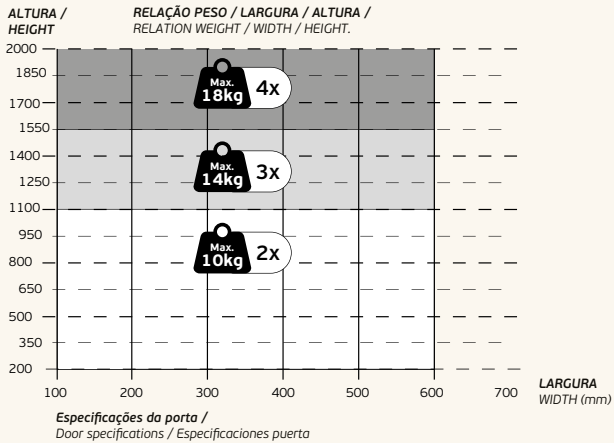
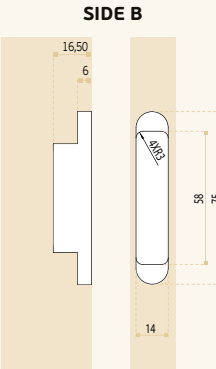
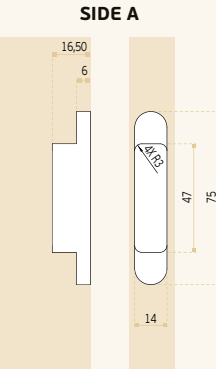
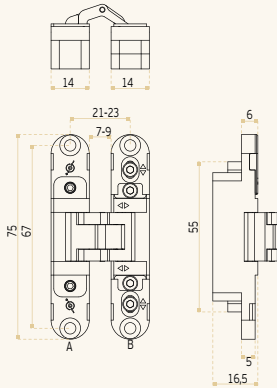


ESPESSURA MÍN. DE PORTA
MIN DOOR THICKNESS
ESPESOR MÍNIMO DE PUERTA

19
mm

MAINTENANCE
FREE

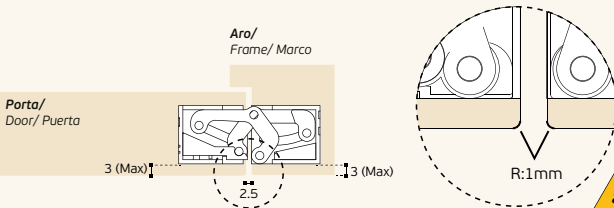
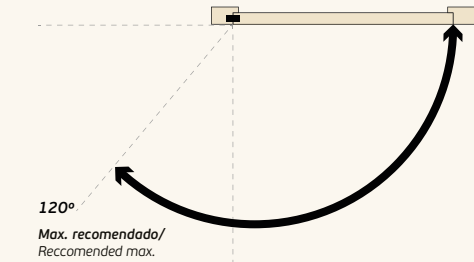
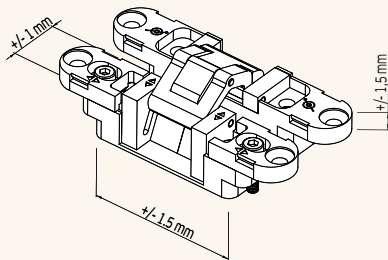
3D
ADJUSTMENT
HINGES



1
APLICAÇÃO
APPLICATION /
APLICACIÓN



2
APLICAÇÃO
APPLICATION /
APLICACIÓN



! IMPORTANTE/
WARNING
R =1mm (Min)

Tampas decorativas em aço inox (acessório opcional) /
Decorative stainless steel covers. (optional acesorie) /
Cubiertas decorativas en acero. (accesorio opcional)



IN.05.067.C
EN 1.4301



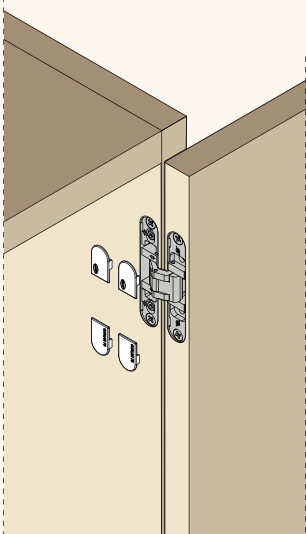
IN.05.067.C.TB
EN 1.4301 + Titanium Black



IN.05.067.C.TG
EN 1.4301 + Titanium Gold



IN.05.067.C.TCO
EN 1.4301 + Titanium Copper



DOBRADIÇAS OCULTAS /
CONCEALED HINGE / BISAGRAS OCULTAS

IN.05.066
COPLAN SERIES 100

Dobradiça invisível com ajuste 3D.
(registro internacional) /
3D adjustable invisible hinge.
(international design registry) /
Bisagra invisible adjustable 3D.
(registro internacional).



ACABAMENTO / FINISH / ACABADO:
RAL 9006 (CINZENTO / SILVER / GRIS)
OPTIONAL: COATED (BLACK/ GOLD/ COPPER/WHITE)
.B / .SG / .SC / .W
EN193514201406
100,000 CYCLES TESTED



3x

Max.
50kg

100.000 CYCLES

3x

Max.
40kg

100.000 CYCLES

2x

Max.
30kg

100.000 CYCLES

RAL
9006

RAL
9005
BLACK



IN.05.066.B
black coated
RAL 9005

EN193514201406

GOLD



IN.05.066.SG
gold coated

EN193514201406

COPPER



IN.05.066.SC
copper coated

EN193514201406

RAL
9016
WHITE



IN.05.066.W
white coated
RAL 9016

EN193514201406

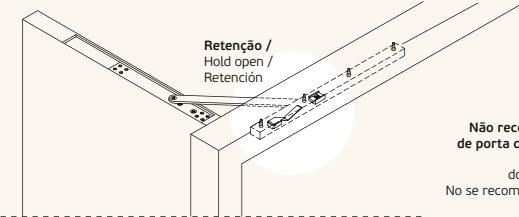
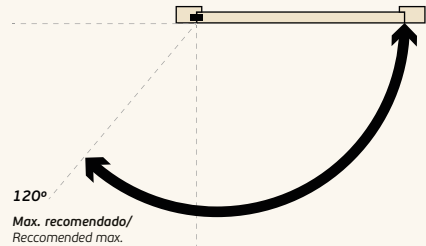
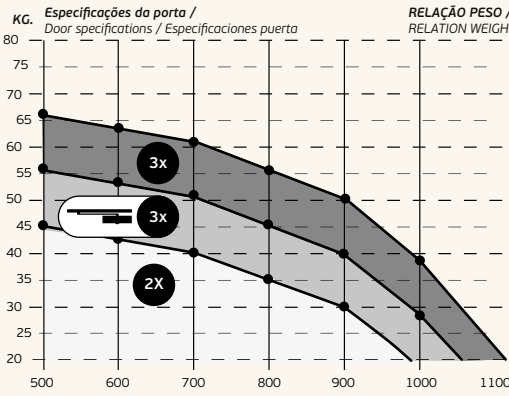


ESPESSURA MÍN. DE PORTA
MIN DOOR THICKNESS
ESPOSOR MÍNIMO DE PUERTA

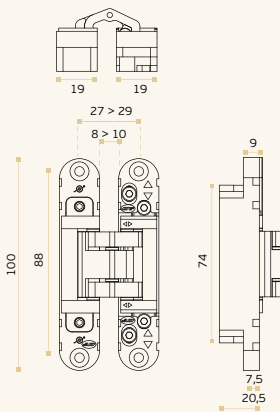
25
mm

MAINTENANCE
FREE

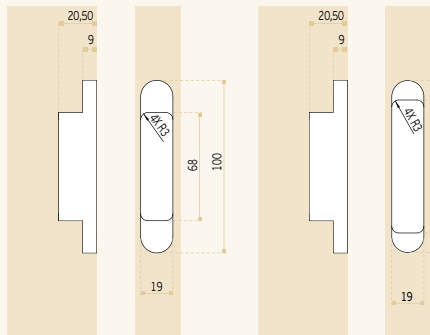
3D
ADJUSTMENT
HINGES



Não recomendado o uso de molas de porta com sistema de retenção /
Not recommended to use door closers with hold open /
No se recomienda utilizar cierrapuertas con sistema de retención /

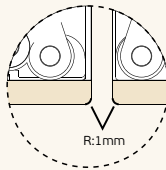
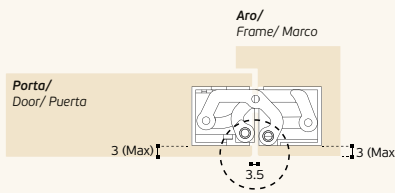


Entalhe /
cut out / Taladro



Porta / Door / Puerta

Aro / Frame / Marco



! IMPORTANTE/
WARNING
R =1mm (Min)

Tampas decorativas em aço inox com parafusos (acessório opcional) /
Decorative stainless steel covers with screws. (optional acessorie) /
Cubiertas decorativas en acero inoxidable con tornillos. (acesorio opcional)



IN.05.066.C
EN 1.4301



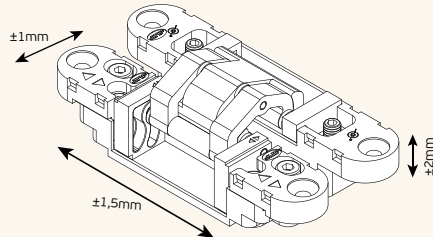
IN.05.066.C.TB
EN 1.4301 + Titanium Black



IN.05.066.C.TG
EN 1.4301 + Titanium Gold



IN.05.066.C.TCO
EN 1.4301 + Titanium Copper



DOBRADIÇAS OCULTAS /

CONCEALED HINGE / BISAGRAS OCULTAS

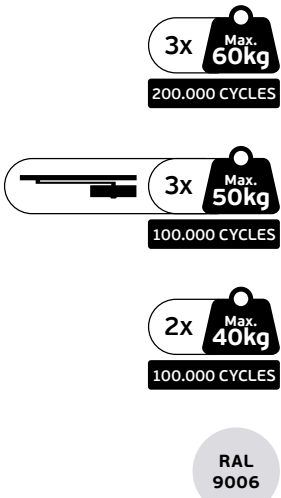
IN.05.065

COPLAN SERIES 145

Dobradiça invisível com ajuste 3D.
(registro internacional) /
3D adjustable invisible hinge.
(international design registry) /
Bisagra invisible adjustable 3D.
(registro internacional).



ACABAMENTO / FINISH / ACABADO:
RAL 9006 (CINZENTO / SILVER / GRIS)
OPTIONAL: COATED
(BLACK/ GOLD/ COPPER/WHITE)
.B / .SG / .SC / .W
EN193514201406
100,000 CYCLES TESTED



IN.05.065.B
black coated - RAL 9005

EN193514201406



IN.05.065.SG
gold coated

EN193514201406



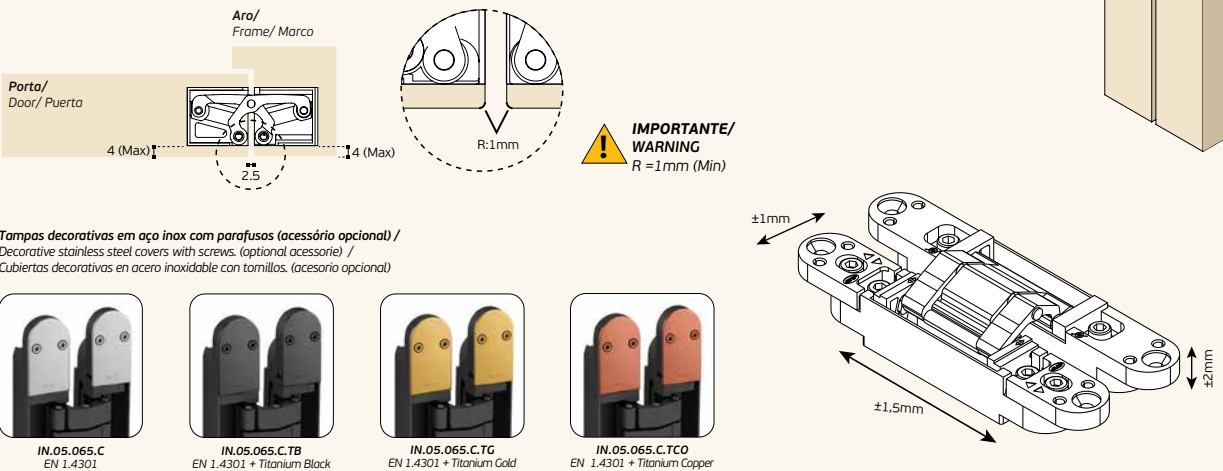
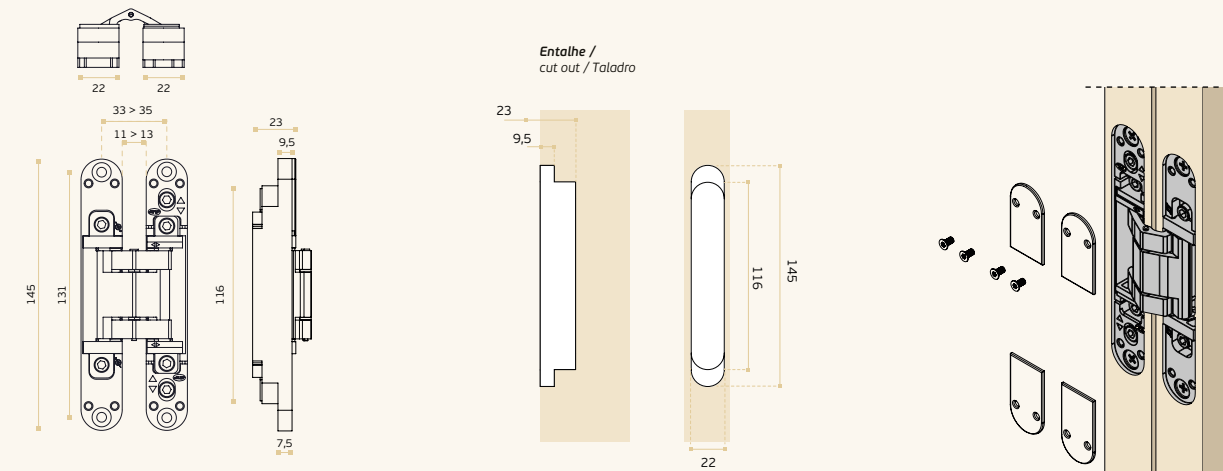
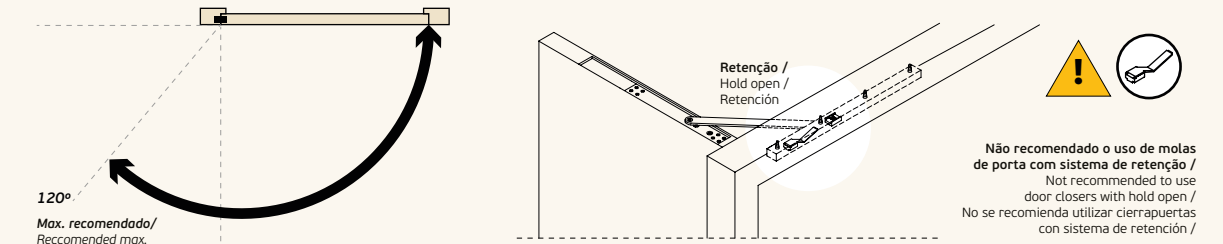
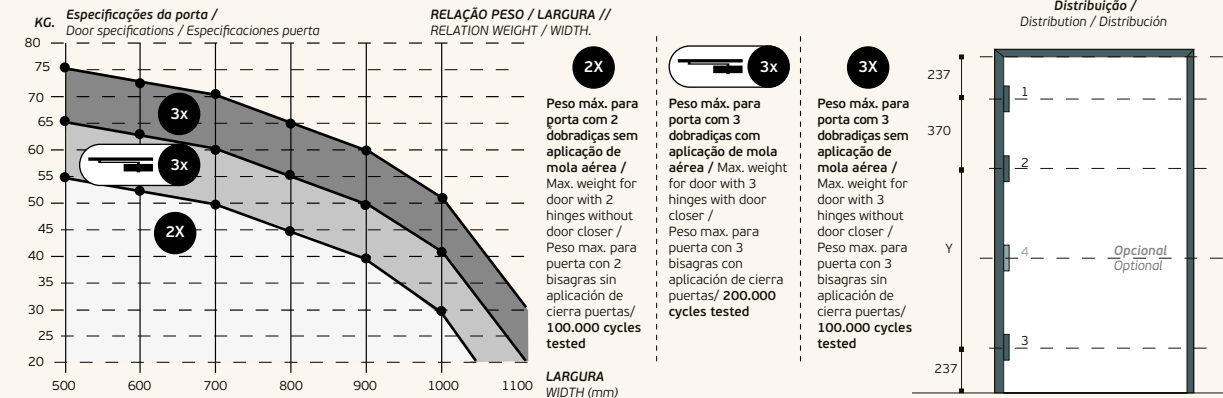
IN.05.065.SC
copper coated

EN193514201406



IN.05.065.W
white coated - RAL 9016

EN193514201406



DOBRADIÇAS OCULTAS /

CONCEALED HINGE / BISAGRAS OCULTAS

IN.05.064

COPLAN SERIES 120

Dobradiça invisível com ajuste 3D.
(registro internacional) /
3D adjustable invisible hinge.
(international design registry) /
Bisagra invisible adjustable 3D.
(registro internacional) /

ACABAMENTO / FINISH / ACABADO:
RAL 9006 (CINZENTO / SILVER / GRIS)

OPTIONAL: COATED
(BLACK/ GOLD/ COPPER/WHITE)

.B / .SG / .SC / .W

EN1935272011407

200,000 CYCLES TESTED

IN.05.064 + KI.05.064
Dobradiça invisível com ajuste 3D +
Kit intumescente / 3D adjustable
invisible hinge + Intumescent kit

EN1935272111407



3x
Max.
80kg
100.000 CYCLES

3x
Max.
60kg
200.000 CYCLES

2x
Max.
50kg
100.000 CYCLES

RAL
9006

RAL
9005
BLACK



IN.05.064.B
black coated
RAL 9005

EN1935272011407

GOLD



IN.05.064.SG
gold coated

EN1935272011407

COPPER



IN.05.064.SC
copper coated

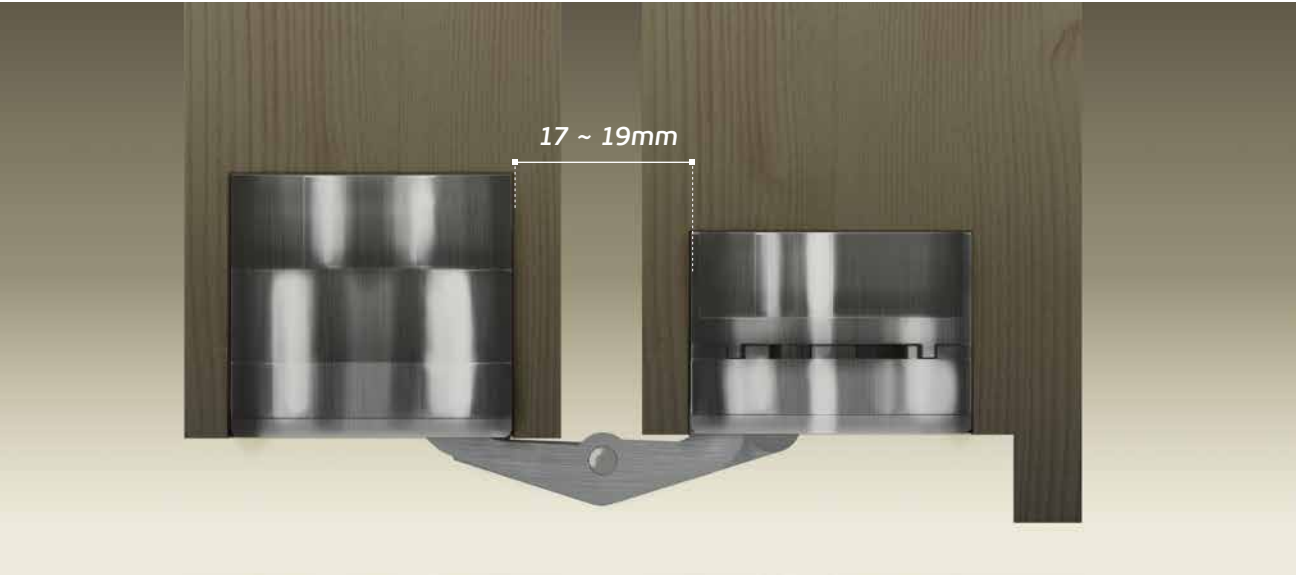
EN1935272011407

RAL
9016
WHITE



IN.05.064.W
white coated
RAL 9016

EN1935272011407

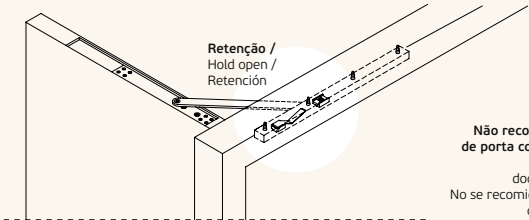
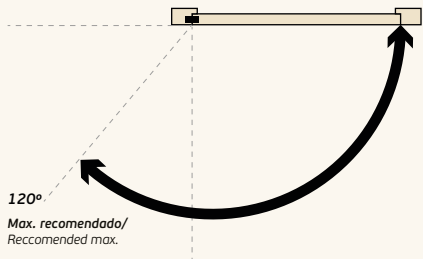
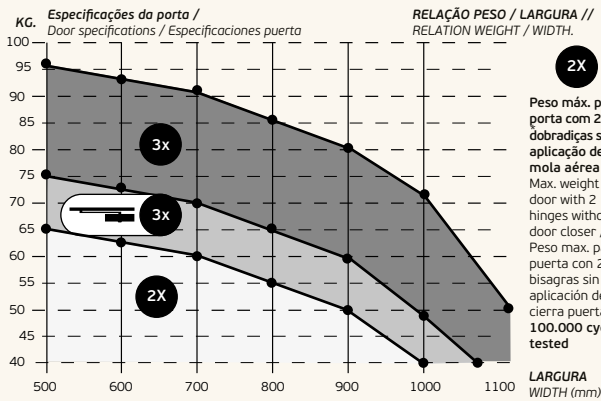


ESPESSURA MÍN. DE PORTA
MIN DOOR THICKNESS
ESPESOR MÍNIMO DE PUERTA

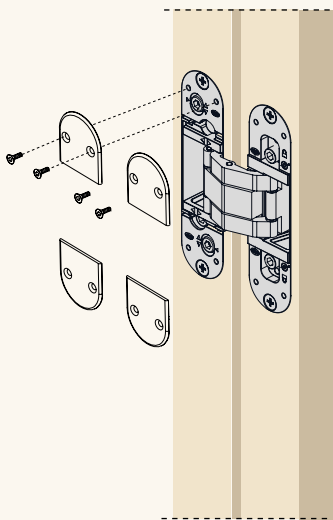
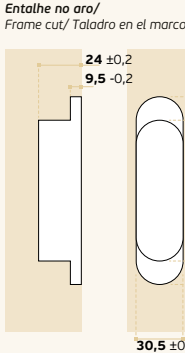
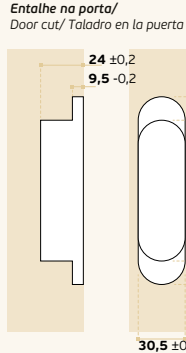
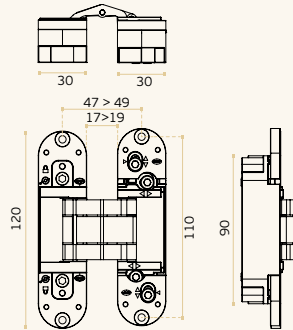
36
mm

MAINTENANCE
FREE

3D
ADJUSTMENT
HINGES



Não recomendado o uso de molas de porta com sistema de retenção /
Not recommended to use door closers with hold open /
No se recomienda utilizar cierrapuertas con sistema de retención /



Porta/ Door/ Puerta	X	Y	Z	(mm)
	36	3	3	
	40	5	5	
	44	7	7	

Tampas decorativas em aço inox com parafusos (acessório opcional) /
Decorative stainless steel covers with screws. (optional acessorie) /
Cubiertas decorativas en acero inoxidable con tornillos. (accesario opcional)



IN.05.064.C
EN 1.4301



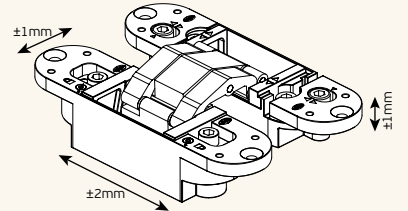
IN.05.064.C.TB
EN 1.4301 + Titanium Black



IN.05.064.C.TG
EN 1.4301 + Titanium Gold



IN.05.064.C.TCO
EN 1.4301 + Titanium Copper



DOBRADIÇAS OCULTAS /

CONCEALED HINGE / BISAGRAS OCULTAS

IN.05.061

COPLAN SERIES 150

Dobradiça invisível com ajuste 3D
(registro internacional) /
3D adjustable invisible hinge.
(international design registry) /
Bisagra invisible adjustable 3D.
(registro internacional)



ACABAMENTO / FINISH / ACABADO:
RAL 9006 (CINZENTO / SILVER / GRIS)

OPTIONAL: COATED
(BLACK/ GOLD/ COPPER/WHITE)

.B / .SG / .SC / .W

EN193527201407

200,000 CYCLES TESTED

IN.05.061 + KI.05.061
Dobradiça invisível com ajuste 3D + Kit
intumescente / 3D adjustable invisible
hinge + Intumescent kit

EN193527211407



3x
Max.
80kg
100.000 CYCLES

3x
Max.
60kg
200.000 CYCLES

2x
Max.
50kg
100.000 CYCLES

RAL
9006

RAL
9005
BLACK

GOLD

COPPER

RAL
9016
WHITE



IN.05.061.B
black coated
RAL 9005

EN193527201407



IN.05.061.SG
gold coated

EN193527201407



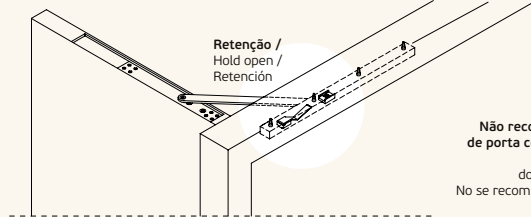
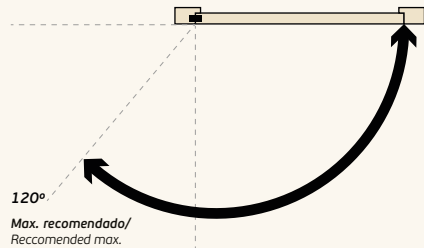
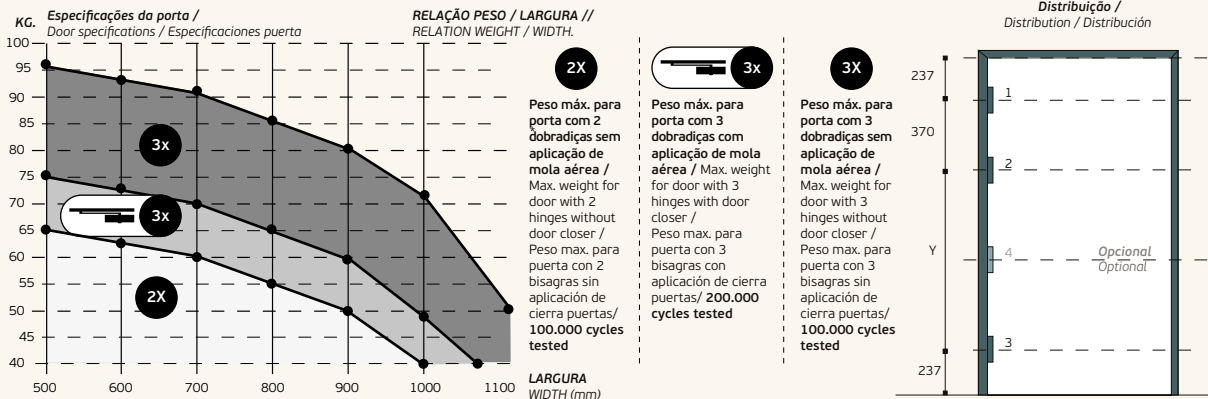
IN.05.061.SC
copper coated

EN193527201407

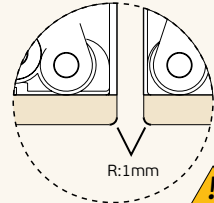
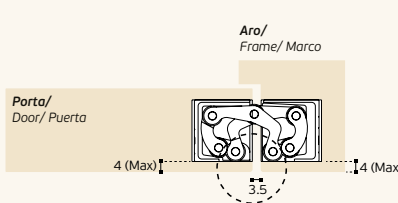
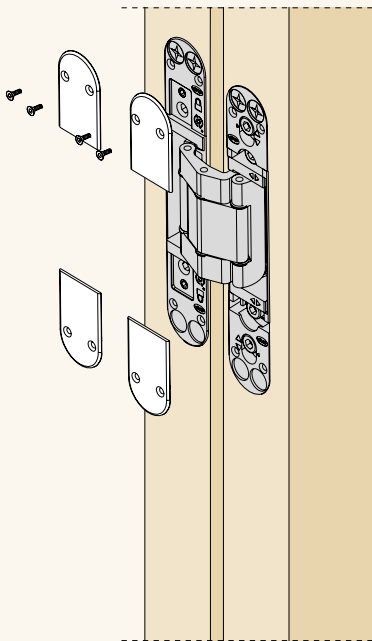
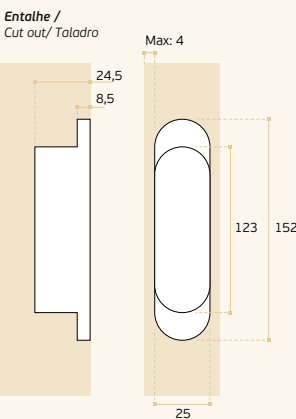
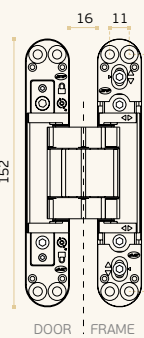
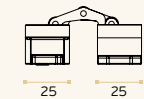


IN.05.061.W
white coated
RAL 9016

EN193527201407



Não recomendado o uso de molas de porta com sistema de retenção /
Not recommended to use door closers with hold open /
No se recomienda utilizar cierrapuertas con sistema de retención /



! IMPORTANTE/
WARNING
R =1mm (Min)

Tampas decorativas em aço inox com parafusos (acessório opcional) /
Decorative stainless steel covers with screws. (optional acessorie) /
Cubiertas decorativas en acero inoxidable con tornillos. (acesario opcional)



IN.05.061.C
EN 1.4301



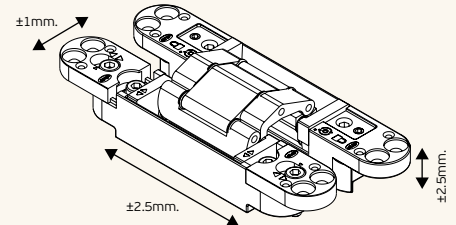
IN.05.061.C.TB
EN 1.4301 + Titanium Black



IN.05.061.C.TG
EN 1.4301 + Titanium Gold



IN.05.061.C.TCO
EN 1.4301 + Titanium Copper



DOBRADIÇAS OCULTAS /

CONCEALED HINGE / BISAGRAS OCULTAS

IN.05.062

COPLAN SERIES 175

Dobradiça invisível com ajuste 3D.
(registro internacional) /
3D adjustable invisible hinge.
(international design registry) /
Bisagra invisible adjustable 3D.
(registro internacional).



3x Max.
120kg
100.000 CYCLES

3x Max.
90kg
200.000 CYCLES

2x Max.
80kg
100.000 CYCLES

RAL
9006

IN.05.062.B

COPLAN SERIES 175
BLACK EDITION

Dobradiça invisível com ajuste 3D.
(registro internacional) /
3D adjustable invisible hinge.
(international design registry) /
Bisagra invisible adjustable 3D.
(registro internacional).



3x Max.
120kg
100.000 CYCLES

3x Max.
90kg
200.000 CYCLES

2x Max.
80kg
100.000 CYCLES

RAL
9005



ACABAMENTO / FINISH / ACABADO: RAL 9006 (CINZENTO / SILVER / GRIS)

EN19353740114011

IN.05.062 + KI.05.062
Dobradiça invisível com ajuste 3D + Kit intumescente /
3D adjustable invisible hinge + Intumescent kit

EN19353741114011

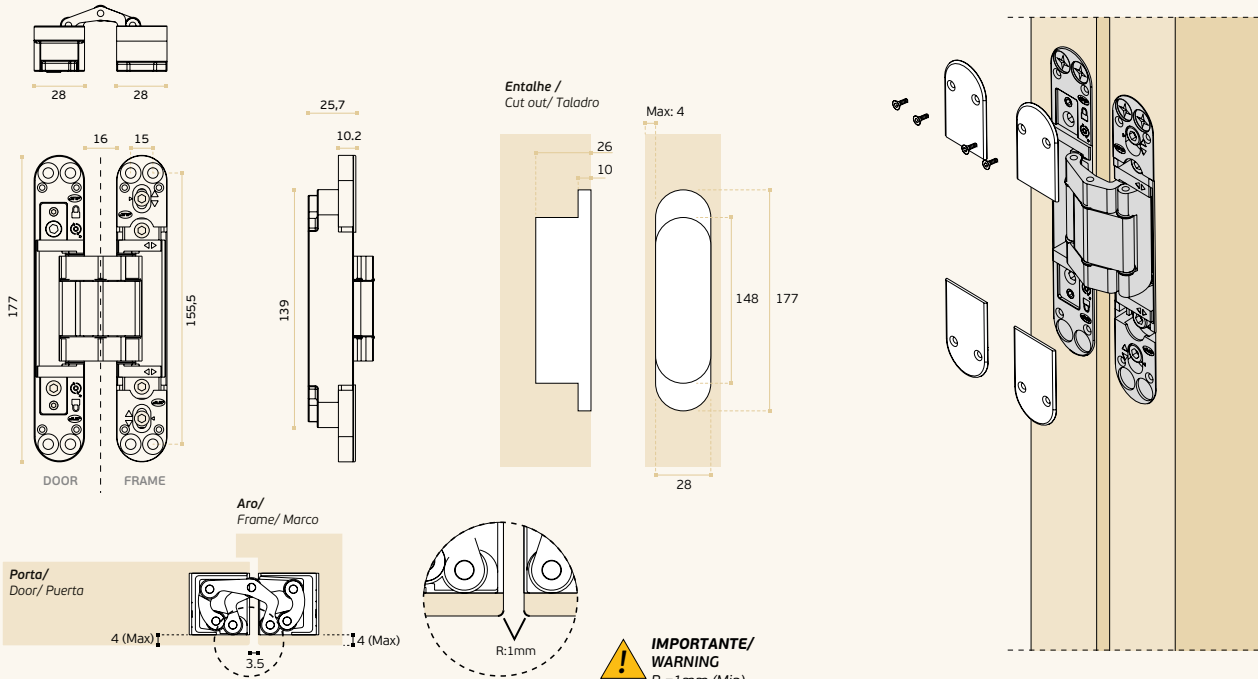
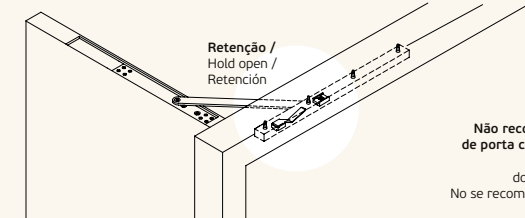
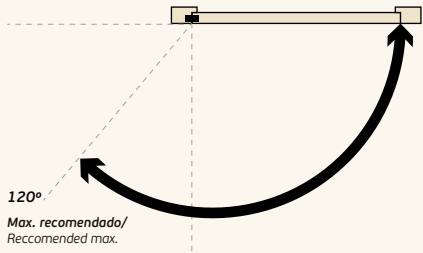
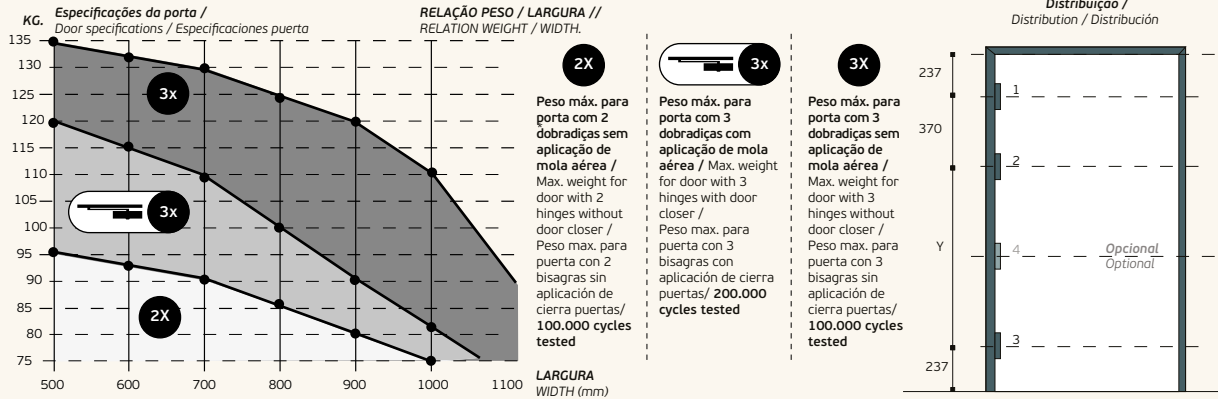


ACABAMENTO / FINISH / ACABADO: RAL 9005 (PRETO / BLACK / NEGRO)

EN19353740114011

IN.05.062.B + KI.05.062
Dobradiça invisível com ajuste 3D + Kit intumescente /
3D adjustable invisible hinge + Intumescent kit

EN19353741114011



Tampas decorativas em aço inox com parafusos (acessório opcional) /
Decorative stainless steel covers with screws. (optional acessorie) /
Cubiertas decorativas en acero inoxidable con tornillos. (acesario opcional)



IN.05.062.C
EN 1.4301



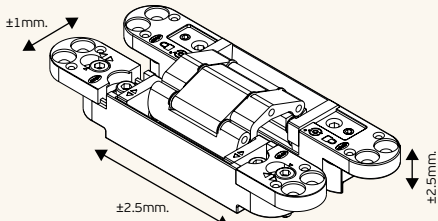
IN.05.062.C.TB
EN 1.4301 + Titanium Black



IN.05.062.C.TG
EN 1.4301 + Titanium Gold



IN.05.062.C.TCO
EN 1.4301 + Titanium Copper



DOBRADIÇAS OCULTAS /

CONCEALED HINGE / BISAGRAS OCULTAS

IN.05.063

COPLAN SERIES 245

Dobradiça invisível com ajuste 3D.
(registro internacional) /
3D adjustable invisible hinge.
(international design registry) /
Bisagra invisible adjustable 3D.
(registro internacional).



3x
Max.
190kg
100.000 CYCLES

3x
Max.
160kg
200.000 CYCLES

2x
Max.
130kg
100.000 CYCLES

RAL
9006

IN.05.063.B

COPLAN SERIES 245
BLACK EDITION

Dobradiça invisível com ajuste 3D.
(registro internacional) /
3D adjustable invisible hinge.
(international design registry) /
Bisagra invisible adjustable 3D.
(registro internacional).



3x
Max.
190kg
100.000 CYCLES

3x
Max.
160kg
200.000 CYCLES

2x
Max.
130kg
100.000 CYCLES

RAL
9005



ACABAMENTO / FINISH / ACABADO: RAL 9006 (CINZENTO / SILVER / GRIS)

EN19354770114014

IN.05.063 + KI.05.063
Dobradiça invisível com ajuste 3D + Kit intumescente /
3D adjustable invisible hinge + Intumescent kit

EN19354771114014

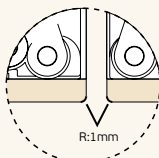
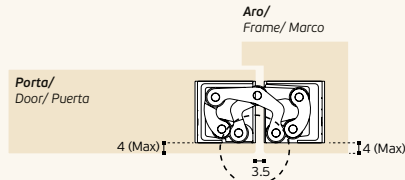
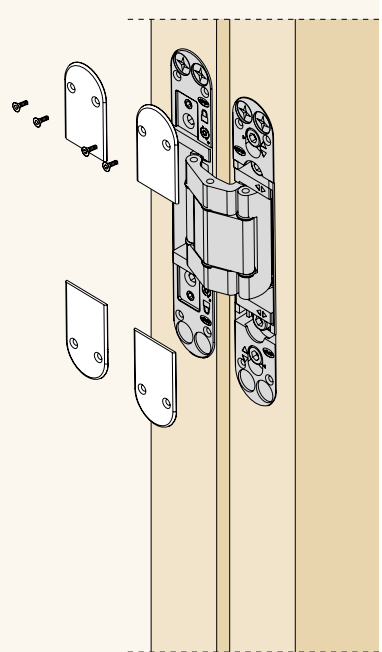
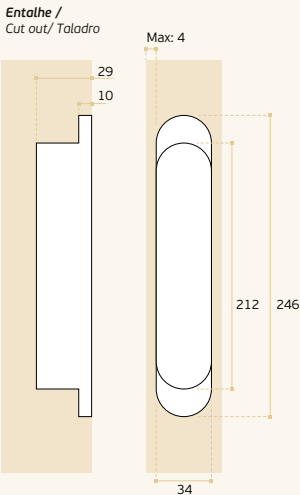
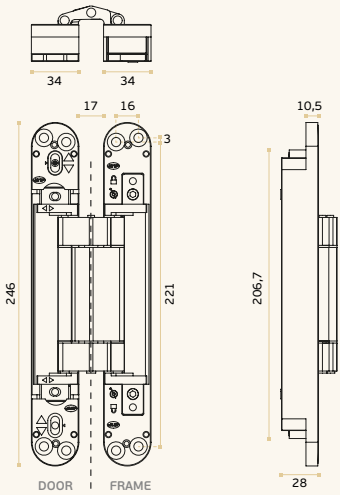
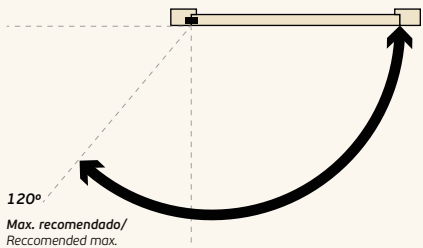
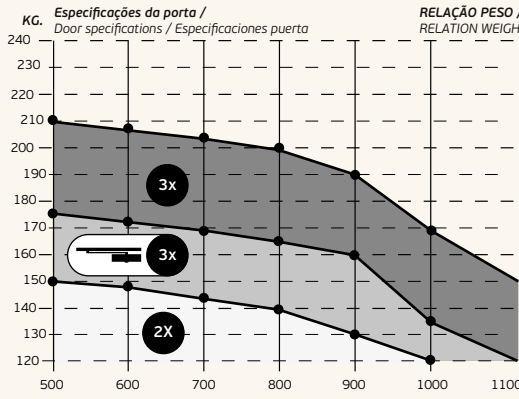


ACABAMENTO / FINISH / ACABADO: RAL 9005 (PRETO / BLACK / NEGRO)

EN19354770114014

IN.05.063.B + KI.05.063
Dobradiça invisível com ajuste 3D + Kit intumescente /
3D adjustable invisible hinge + Intumescent kit

EN19354771114014



! **IMPORTANTE/**
WARNING
R =1mm (Min)

Tampas decorativas em aço inox com parafusos (acessório opcional) /
Decorative stainless steel covers with screws. (optional acessorie) /
Cubiertas decorativas en acero inoxidable con tornillos. (acesario opcional)



IN.05.063.C
EN 1.4301



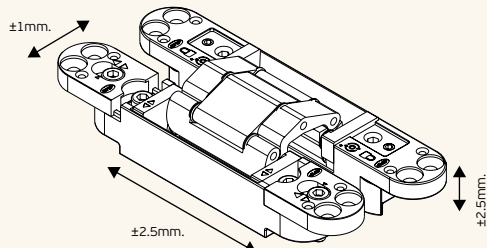
IN.05.063.C.TB
EN 1.4301 + Titanium Black



IN.05.063.C.TG
EN 1.4301 + Titanium Gold



IN.05.063.C.TCO
EN 1.4301 + Titanium Copper



DOBRADIÇAS OCULTAS /
CONCEALED HINGE /
BISAGRAS OCULTAS

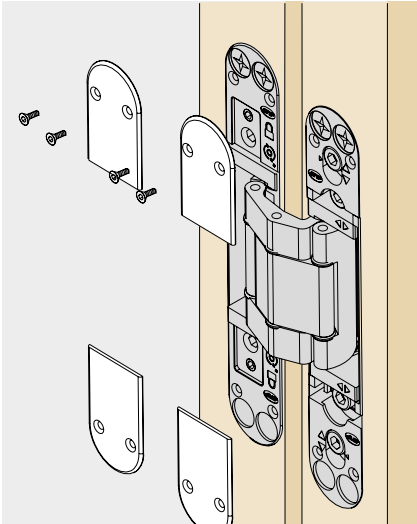


200.000 CYCLES

Tampas decorativas em aço inox com parafusos. Com uma aparafusadora aplicar directamente os parafusos fornecidos. Utilizar bit TX10 (acessório opcional) /

Decorative stainless steel covers with screws. Use a screwdriver to directly install the supplied screws. Use a TX10 bit (optional accessory) /

Cubiertas decorativas de acero inoxidable con tornillos. Utilice un destornillador para instalar directamente los tornillos suministrados. Utilice una punta TX10 (accesorio opcional).



IN.05.061/ 062 / 063 / 064 / 065.C
Material: EN 1.4301



IN.05.061/ 062 / 063 / 064 / 065 C.TB
Material: EN 1.4301 + pvd titanium black



IN.05.061/ 062 / 063 / 064 / 065 C.TG
Material: EN 1.4301 + pvd titanium gold



IN.05.061/ 062 / 063 / 064. / 065 C.TCO
Material: EN 1.4301 + pvd titanium copper

IN.08.061.T
Ferramenta para mecanização da porta /
Tooling for door mechanization /
Herramienta para la mecanización de la puerta.



Dobradiça invisível com ajuste 3D + kit intumescente /
Invisible hinge with 3D adjustment + Intumescent kit /
Bisagra invisible con ajuste 3D + kit intumescente



KI.05.061 / KI.05.062 / KI.05.063
Kit intumescente / Intumescent kit / kit intumescente

