

CATALOGUE

2018

CONCEALED HINGE
SYSTEMS FOR
RESIDENTIAL DOORS

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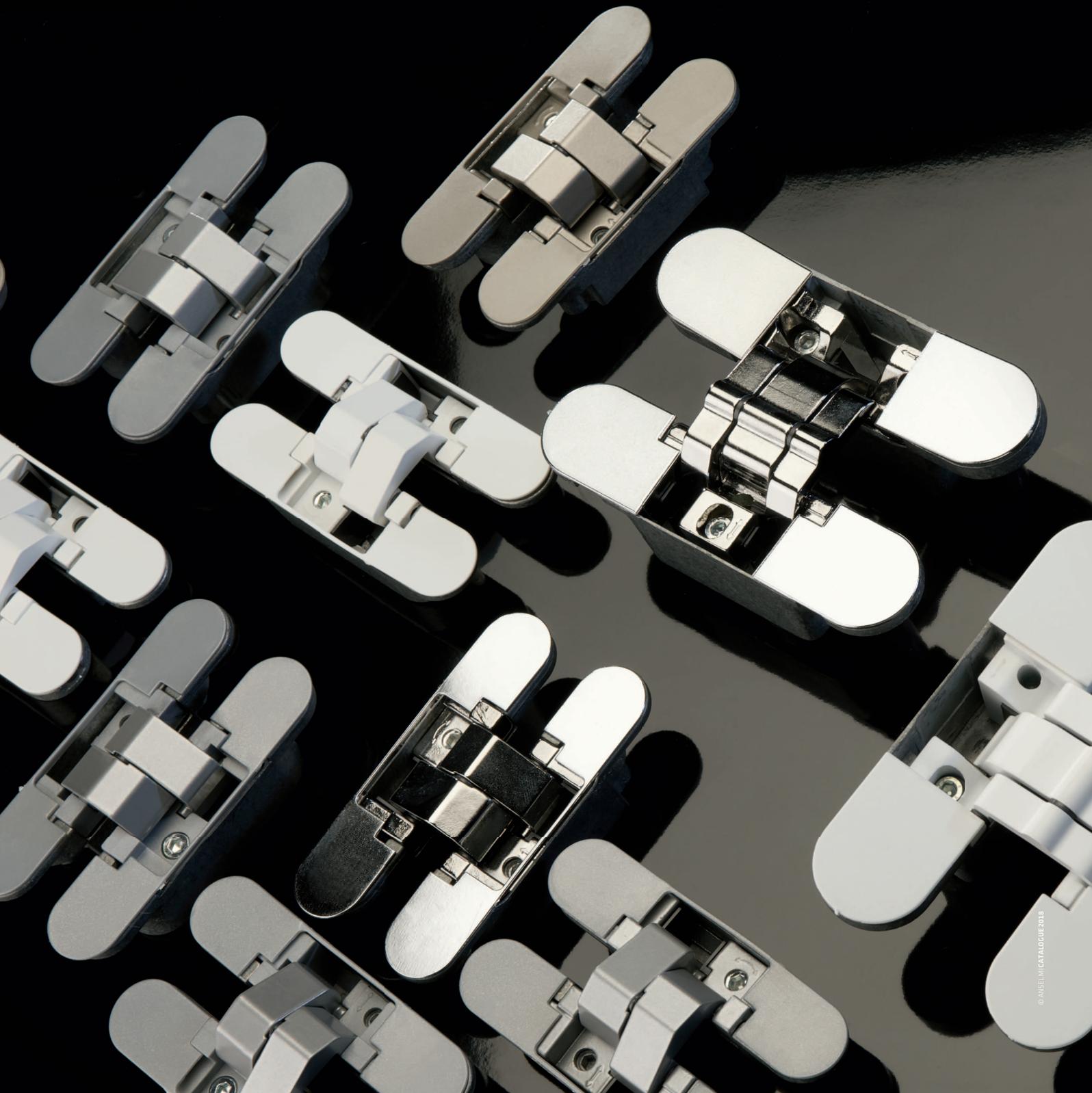
CONCEALED HINGE SYSTEMS FOR RESIDENTIAL DOORS

The extensive range of hinges produced by Anselmi offers high quality products for light interior doors. These concealed hinge systems are suitable mostly for interior residential doors as well as for internal doors up to 80 kg and are available in several model versions.

Doors with recessed frame facings are particularly requested by the modern architecture which looks for minimalism in interior rooms. Thanks to the FVZ models of Anselmi the door frame can disappear behind a drywall or a woodwork leaving just the essence of the door visible to the eyes.

For those manufacturers searching for production economies of scale and easy installation of their products on-site, over the years Anselmi developed several interesting hinge solutions. Model versions with reduced frame cup allow the installation of frame architrave without any additional operation on-site, while the central milling on the door panel offers a complete reversibility of the door, that can be used indistinctly for left and right as well as for inward and outward opening. Furthermore, the extensive programme allows to switch between the different hinge models, increasing the load capacity whilst keeping the same milling geometry.

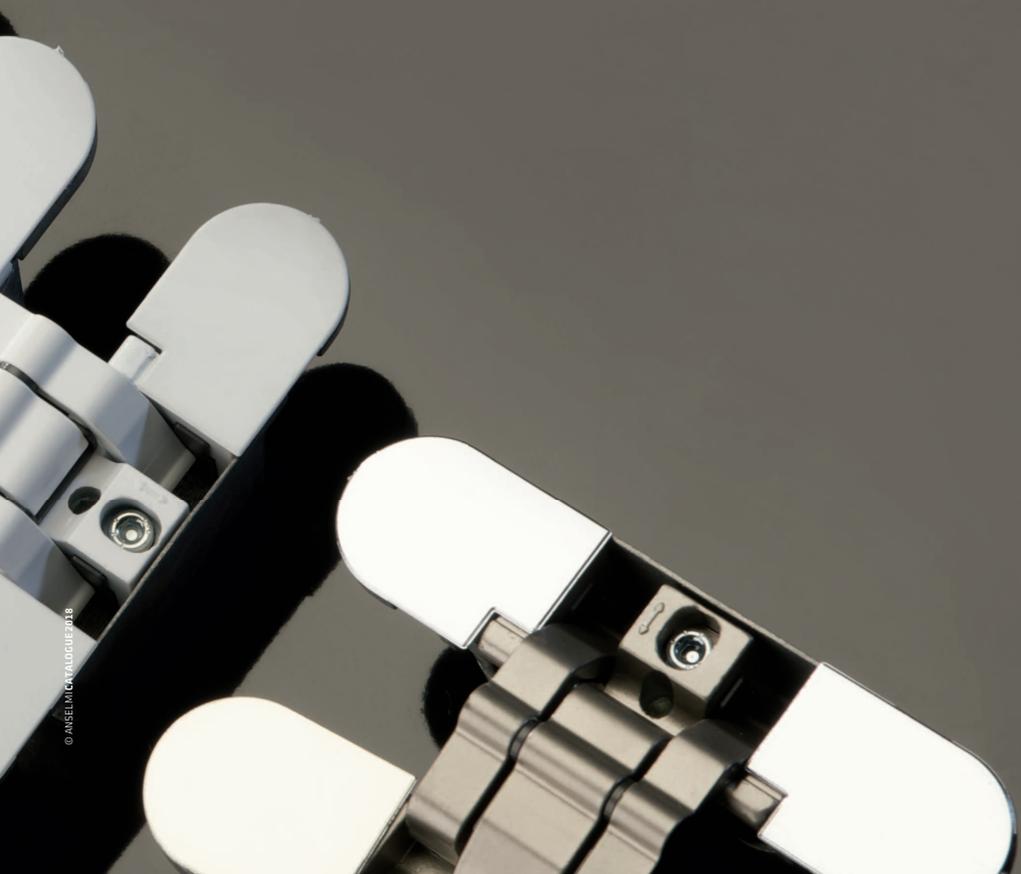
Hinge systems from Anselmi are three-dimensionally adjustable and guarantee a long lasting, maintenance-free operation of the door and are available in 9 aesthetical finishes.



QUALITY MADE IN ITALY SINCE 1973

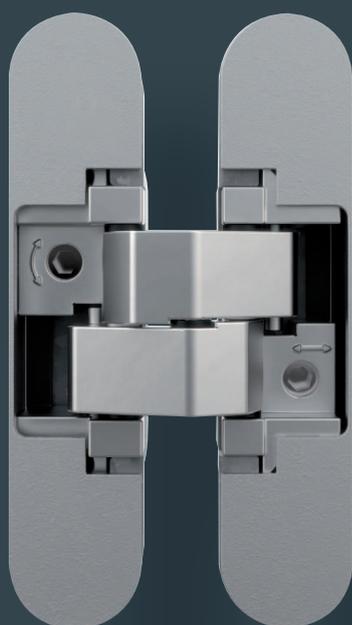
Anselmi & C. srl is an Italian manufacturer of concealed hinge systems and hardware and since 2017 member of the SIMONSWERK group. The traditional family business is located in the Italian town of Roncade, near Venice. The company was founded in 1973 by Bepi Anselmi – initially with a focus on hinges for high-quality furniture – for several years with a focus on concealed hinge systems for residential interior doors. With the quality-orientated view the Anselmi concealed hinge programme matches perfectly to the product range and the philosophy of SIMONSWERK.

From the first idea to the prototyping, from the creation of the moulds to the assembly of the hinges, all aspects related to the production of the hinges take place within the facilities of Anselmi. Sustainable and environmental friendly processes are part of the company philosophy and are achieved through an efficient production that puts at first place recycling of resources and energy saving. Before releasing the product for sales, hinges are tested according to the latest norms inside the dedicated test area where load capacity tests and cycle tests are performed.

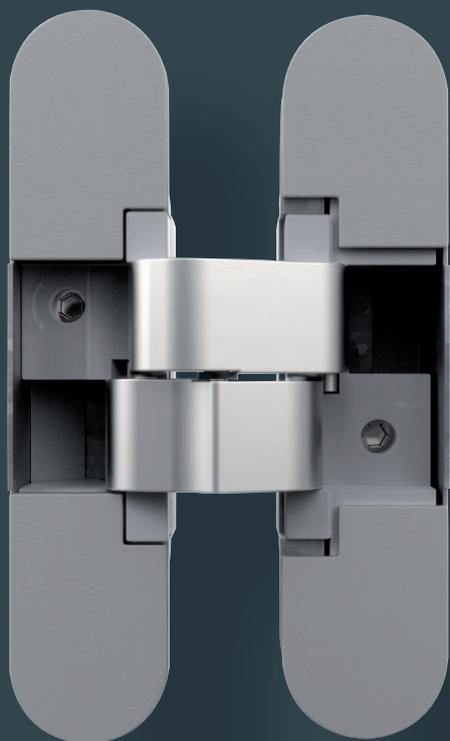


PRODUCT OVERVIEW

Anselmi offers concealed hinge systems for interior residential doors up to 80 kg. Here is an overview of the model versions.

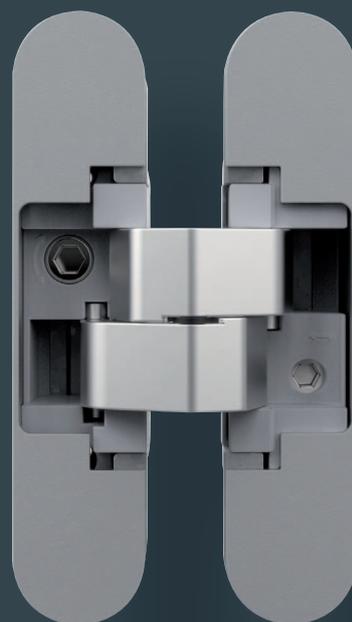


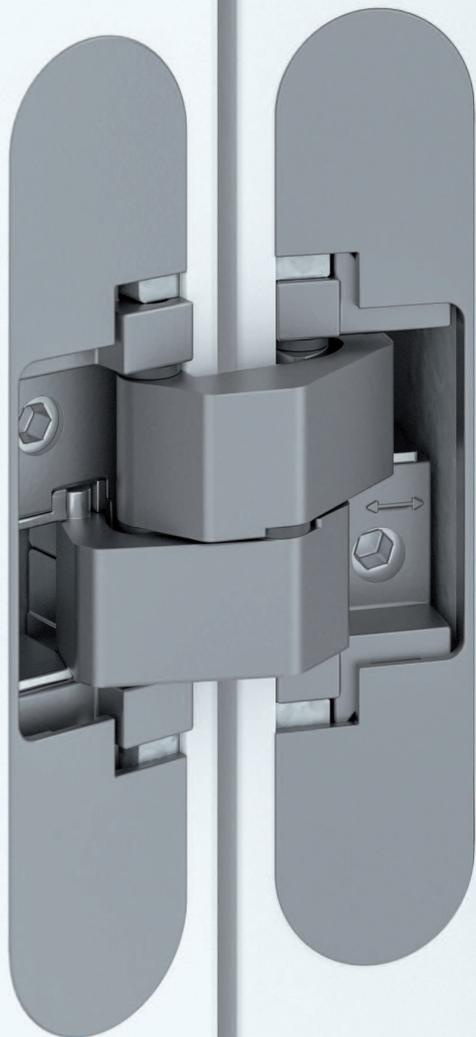
Model versions for unrebated residential doors from 40 kg to 80 kg



Model versions for doors with recessed
frame facings from 12-14 mm

Model versions for doors with
reduced frame cup





Hinge system AN 160 3D

MODEL VERSIONS FOR UNREBATED RESIDENTIAL DOORS

- › completely concealed
- › for unrebated residential doors
- › versions for aluminium framed doors
- › load capacities up to 80 kg
- › opening angle 180°

AN 140 3D

for unrebated residential doors up to 40 kg

hinge		up to 40 kg
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Product features

- completely concealed hinge system
- for timber frames
- for unrebated residential doors
- 3D adjustable (side +/- 1.5 mm, height +/- 2.5 mm, compression +/- 1.0 mm)
- material zamak/acetal

Technical details

load capacity	i 2 hinges per door leaf (900x2100 mm)	40.0 kg
overall length		110.0 mm
width (frame)		24.0 mm
width (door)		24.0 mm
cutter diameter		14.0 or 16.0 mm
collar ring diameter		25.0 or 27.0 mm
opening angle		180°

Finish

Satin Chrome (AN 014), Coated Bronze (AN 017), Black (AN 018), Antique Bronze (AN 035), Aluminium Chrome (AN 036), Polished Brass (AN 037), Polished Chrome (AN 039), Satin Nickel (AN 044), RAL 9016 Traffic White (AN 049)

Combination

receiver	casing frame	AN 140 3D FZ
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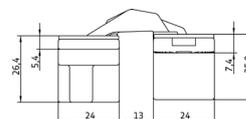
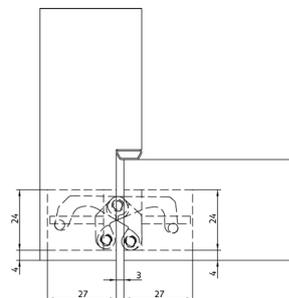
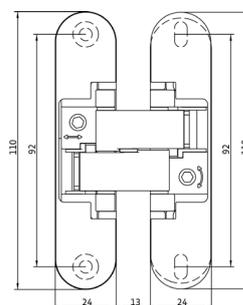
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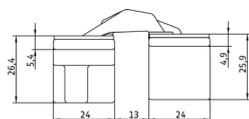
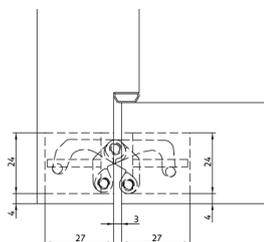
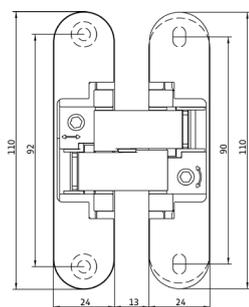
i The load capacity mentioned above refers to the use of 2 hinges per door leaf (900 x 2100 mm).

Suggested screws:

Frame side: Countersunk head screws DIN 7505 A, Diameter 4.5 mm

Door side: Pan head screws DIN 7505 B, Diameter 4.5 mm





AN 140 3D ALU

for unrebated residential doors with aluminium frames up to 40 kg

hinge	aluminium framed doors	up to 40 kg
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Product features

- completely concealed hinge system
- for timber frames
- for unrebated residential doors with aluminium frames
- 3D adjustable (side +/- 1.5 mm, height +/- 1.5 mm, compression +/- 1.0 mm)
- material zamak/acetal

Technical details

load capacity	i 2 hinges per door leaf (900x2100 mm)	40.0 kg
overall length		110.0 mm
width (frame)		24.0 mm
width (door)		24.0 mm
cutter diameter		14.0 or 16.0 mm
collar ring diameter		25.0 or 27.0 mm
opening angle		180°

Finish

Satin Chrome (AN 014), Coated Bronze (AN 017), Black (AN 018), Antique Bronze (AN 035), Aluminium Chrome (AN 036), Polished Brass (AN 037), Polished Chrome (AN 039), Satin Nickel (AN 044), RAL 9016 Traffic White (AN 049)

Combination

receiver	casing frame	AN 140 3D FZ
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Note

i The load capacity mentioned above refers to the use of 2 hinges per door leaf (900 x 2100 mm).

Suggested screws:

Frame side: Countersunk head screws DIN 7505 A, Diameter 4.5 mm

Door side: Countersunk head screws DIN 7505 A, Diameter 4.5 mm

AN 142 3D

for unrebated residential doors with central installation up to 40 kg

hinge up to 40 kg

Product features

- completely concealed hinge system
- for timber frames
- for unrebated residential doors
- 3D adjustable (side +/- 1.5 mm, height +/- 2.5 mm, compression +/- 1.0 mm)
- central installation
- door thicknesses 35-45 mm
- material zamak/acetal

Technical details

load capacity	i 2 hinges per door leaf (900x2100 mm)	40.0 kg
overall length		144.0 mm
width (frame)		27.0 mm
width (door)		27.0 mm
cutter diameter		14.0 or 16.0 mm
collar ring diameter		25.0 or 27.0 mm
opening angle		180°

Finish

Satin Chrome (AN 014), Coated Bronze (AN 017), Black (AN 018), Antique Bronze (AN 035), Aluminium Chrome (AN 036), Polished Brass (AN 037), Polished Chrome (AN 039), Satin Nickel (AN 044), RAL 9016 Traffic White (AN 049)

Note

i The load capacity mentioned above refers to the use of 2 hinges per door leaf (900 x 2100 mm).

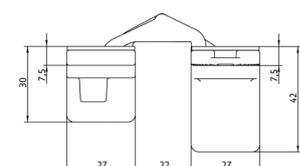
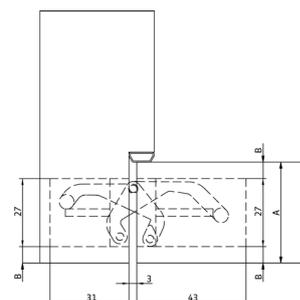
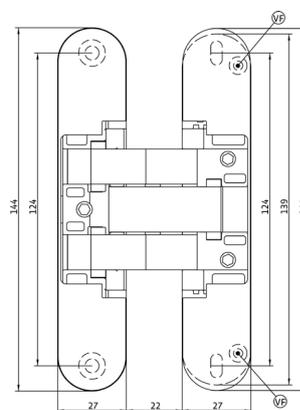
Suggested screws:

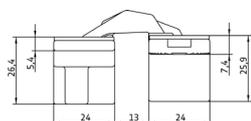
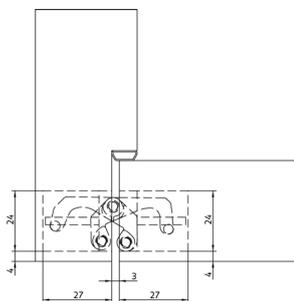
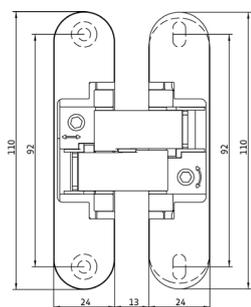
Frame side: Countersunk head screws DIN 7505 A, Diameter 4.5 mm

Door side: Pan head screws DIN 7505 B, Diameter 4.5 mm

If necessary, it is possible to lock the vertical adjustment of the hinge by means of a vertical adjustment screw (VF).

The central installation applies for door thicknesses between 35 mm and 45 mm. The routing position (B) is always the difference between the door thickness (A) and the hinge width of 27 mm divided by two.





AN 160 3D

for unrebbated residential doors up to 60 kg

hinge		up to 60 kg
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Product features

- completely concealed hinge system
- for timber frames
- for unrebbated residential doors
- 3D adjustable (side +/- 1.5 mm, height +/- 2.5 mm, compression +/- 1.0 mm)
- material zamak

Technical details

load capacity	i 2 hinges per door leaf (900x2100 mm)	60.0 kg
overall length		110.0 mm
width (frame)		24.0 mm
width (door)		24.0 mm
cutter diameter		14.0 or 16.0 mm
collar ring diameter		25.0 or 27.0 mm
opening angle		180°

Finish

Satin Chrome (AN 014), Coated Bronze (AN 017), Black (AN 018), Antique Bronze (AN 035), Aluminium Chrome (AN 036), Polished Brass (AN 037), Polished Chrome (AN 039), Satin Nickel (AN 044), RAL 9016 Traffic White (AN 049)

Combination

receiver	casing frame	AN 140 3D FZ
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Note

i The load capacity mentioned above refers to the use of 2 hinges per door leaf (900 x 2100 mm).

Suggested screws:

Frame side: Countersunk head screws DIN 7505 A, Diameter 4.5 mm

Door side: Pan head screws DIN 7505 B, Diameter 4.5 mm

AN 160 3D ALU

for unrebated residential doors with aluminium frames up to 60 kg

hinge	aluminium framed doors	up to 60 kg
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Product features

- completely concealed hinge system
- for timber frames
- for unrebated residential doors with aluminium frames
- 3D adjustable (side +/- 1.5 mm, height +/- 1.5 mm, compression +/- 1.0 mm)
- material zamak

Technical details

load capacity	i 2 hinges per door leaf (900x2100 mm)	60.0 kg
overall length		110.0 mm
width (frame)		24.0 mm
width (door)		24.0 mm
cutter diameter		14.0 or 16.0 mm
collar ring diameter		25.0 or 27.0 mm
opening angle		180°

Finish

Satin Chrome (AN 014), Coated Bronze (AN 017), Black (AN 018), Antique Bronze (AN 035), Aluminium Chrome (AN 036), Polished Brass (AN 037), Polished Chrome (AN 039), Satin Nickel (AN 044), RAL 9016 Traffic White (AN 049)

Combination

receiver	casing frame	AN 140 3D FZ
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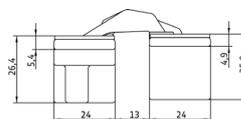
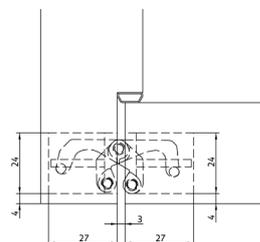
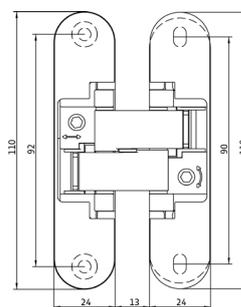
Note

i The load capacity mentioned above refers to the use of 2 hinges per door leaf (900 x 2100 mm).

Suggested screws:

Frame side: Countersunk head screws DIN 7505 A, Diameter 4.5 mm

Door side: Countersunk head screws DIN 7505 A, Diameter 4.5 mm





AN 180 3D

for unrebated residential doors up to 80 kg

hinge		up to 80 kg
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Product features

- completely concealed hinge system
- for timber frames
- for unrebated residential doors
- 3D adjustable (side +/- 1.5 mm, height +/- 2.5 mm, compression +/- 1.0 mm)
- material zamak/steel

Technical details

load capacity	i 2 hinges per door leaf (900x2100 mm)	80.0 kg
overall length		110.0 mm
width (frame)		24.0 mm
width (door)		24.0 mm
cutter diameter		14.0 or 16.0 mm
collar ring diameter		25.0 or 27.0 mm
opening angle		180°

Finish

Satin Chrome (AN 014), Coated Bronze (AN 017), Black (AN 018), Antique Bronze (AN 035), Aluminium Chrome (AN 036), Polished Brass (AN 037), Polished Chrome (AN 039), Satin Nickel (AN 044), RAL 9016 Traffic White (AN 049)

Combination

receiver	casing frame	AN 140 3D FZ
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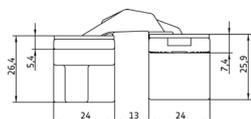
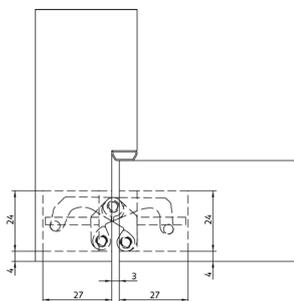
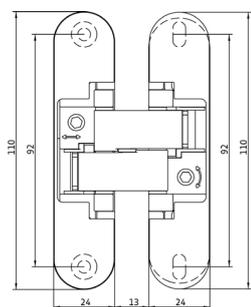
Note

i The load capacity mentioned above refers to the use of 2 hinges per door leaf (900 x 2100 mm).

Suggested screws:

Frame side: Countersunk head screws DIN 7505 A, Diameter 4.5 mm

Door side: Pan head screws DIN 7505 B, Diameter 4.5 mm





Hinge system AN 141 3D FVZ 12/38

MODEL VERSIONS FOR DOORS WITH RECESSED FRAME FACINGS

- › 12 mm and 14 mm recessed frame facings
- › 38 - 45 mm door thicknesses
- › central milling
- › load capacities up to 60 kg
- › opening angle 180°

AN 141 3D FVZ 12/38

for unrebeated 38 mm thick residential doors with 12 mm recessed frame facings up to 40 kg

hinge	recessed frame facings	up to 40 kg
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Product features

- FVZ = recessed frame facings
- recessed frame facings up to 12.0 mm
- door thickness 38 mm
- completely concealed hinge system
- for timber frames
- for unrebeated residential doors
- 3D adjustable (side +/- 1.5 mm, height +/- 2.5 mm, compression +/- 1.0 mm)
- central installation
- material zamak/acetal

Technical details

load capacity	i 2 hinges per door leaf (900x2100 mm)	40.0 kg
overall length		130.0 mm
width (frame)		28.0 mm
width (door)		30.0 mm
cutter diameter		14.0 or 16.0 mm
collar ring diameter		25.0 or 27.0 mm
opening angle		180°

Finish

Satin Chrome (AN 014), Coated Bronze (AN 017), Black (AN 018), Antique Bronze (AN 035), Aluminium Chrome (AN 036), Polished Brass (AN 037), Polished Chrome (AN 039), Satin Nickel (AN 044), RAL 9016 Traffic White (AN 049)

Note

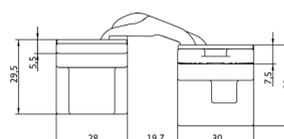
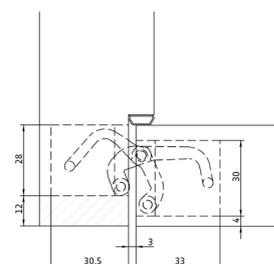
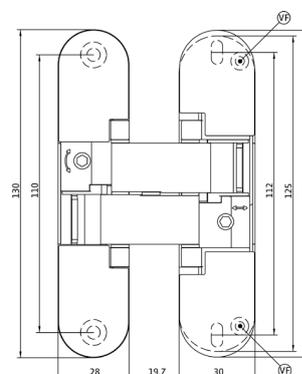
i The load capacity mentioned above refers to the use of 2 hinges per door leaf (900 x 2100 mm).

Suggested screws:

Frame side: Countersunk head screws DIN 7505 A, Diameter 5 mm

Door side: Pan head screws DIN 7505 B, Diameter 4 mm

If necessary, it is possible to lock the vertical adjustment of the hinge by means of a vertical adjustment screw (VF).





AN 141 3D FVZ 12/45

for unrebated 45 mm thick residential doors with 12 mm recessed frame facings up to 40 kg

hinge	recessed frame facings	up to 40 kg
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Product features

- FVZ = recessed frame facings
- recessed frame facings up to 12.0 mm
- door thickness 45 mm
- completely concealed hinge system
- for timber frames
- for unrebated residential doors
- 3D adjustable (side +/- 1.5 mm, height +/- 2.5 mm, compression +/- 1.0 mm)
- central installation
- material zamak/acetel

Technical details

load capacity	i 2 hinges per door leaf (900x2100 mm)	40.0 kg
overall length		130.0 mm
width (frame)		28.0 mm
width (door)		37.0 mm
cutter diameter		14.0 or 16.0 mm
collar ring diameter		25.0 or 27.0 mm
opening angle		180°

Finish

Satin Chrome (AN 014), Coated Bronze (AN 017), Black (AN 018), Antique Bronze (AN 035), Aluminium Chrome (AN 036), Polished Brass (AN 037), Polished Chrome (AN 039), Satin Nickel (AN 044), RAL 9016 Traffic White (AN 049)

Note

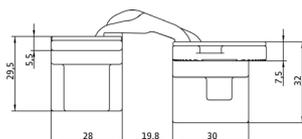
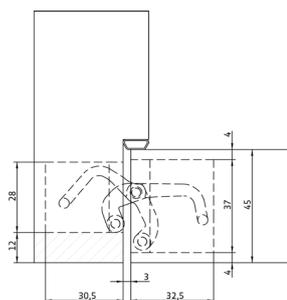
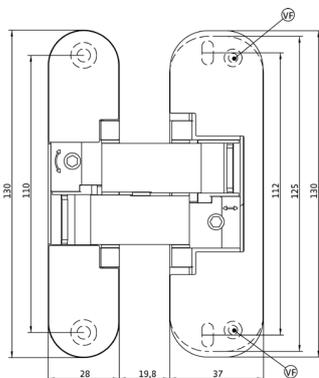
i The load capacity mentioned above refers to the use of 2 hinges per door leaf (900 x 2100 mm).

Suggested screws:

Frame side: Countersunk head screws DIN 7505 A, Diameter 5 mm

Door side: Pan head screws DIN 7505 B, Diameter 4 mm

If necessary, it is possible to lock the vertical adjustment of the hinge by means of a vertical adjustment screw (VF).



AN 141 3D FVZ 14/40

for unrebeated 40 mm thick residential doors with 14 mm recessed frame facings up to 40 kg

hinge	recessed frame facings	up to 40 kg
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Product features

- FVZ = recessed frame facings
- recessed frame facings up to 14.0 mm
- door thickness 40 mm
- completely concealed hinge system
- for timber frames
- for unrebeated residential doors
- 3D adjustable (side +/- 1.5 mm, height +/- 2.5 mm, compression +/- 1.0 mm)
- central installation
- material zamak/acetal

Technical details

load capacity	i 2 hinges per door leaf (900x2100 mm)	40.0 kg
overall length		144.0 mm
width (frame)		30.0 mm
width (door)		30.0 mm
cutter diameter		14.0 or 16.0 mm
collar ring diameter		25.0 or 27.0 mm
opening angle		180°

Finish

Satin Chrome (AN 014), Coated Bronze (AN 017), Black (AN 018), Antique Bronze (AN 035), Aluminium Chrome (AN 036), Polished Brass (AN 037), Polished Chrome (AN 039), Satin Nickel (AN 044), RAL 9016 Traffic White (AN 049)

Note

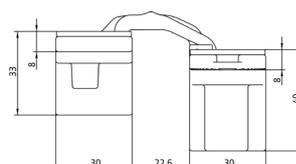
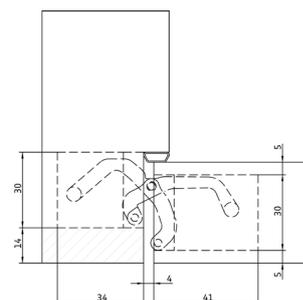
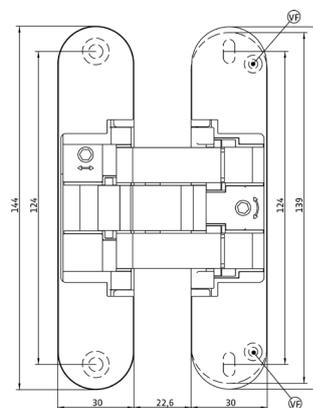
i The load capacity mentioned above refers to the use of 2 hinges per door leaf (900 x 2100 cm).

Suggested screws:

Frame side: Countersunk head screws DIN 7505 A, Diameter 5 mm

Door side: Pan head screws DIN 7505 B, Diameter 4 mm

If necessary, it is possible to lock the vertical adjustment of the hinge by means of a vertical adjustment screw (VF).





AN 141 3D FVZ 14/44

for unrebbated 44 mm thick residential doors with 14 mm recessed frame facings up to 40 kg

hinge	recessed frame facings	up to 40 kg
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Product features

- FVZ = recessed frame facings
- with recessed frame facings up to 14.0 mm
- door thickness 44 mm
- completely concealed hinge system
- for timber frames
- for unrebbated residential doors
- 3D adjustable (side +/- 1.0 mm, height +/- 1.5 mm, compression +/- 1.0 mm)
- central installation
- material zamak

Technical details

load capacity	i 2 hinges per door leaf (900x2100 mm)	40.0 kg
overall length		134.0 mm
width (frame)		32.0 mm
width (door)		34.0 mm
cutter diameter		14.0 or 16.0 mm
collar ring diameter		25.0 or 27.0 mm
opening angle		180°

Finish

Satin Chrome (AN 014), Coated Bronze (AN 017), Black (AN 018), Antique Bronze (AN 035), Aluminium Chrome (AN 036), Polished Brass (AN 037), Polished Chrome (AN 039), Satin Nickel (AN 044), RAL 9016 Traffic White (AN 049)

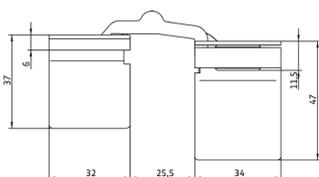
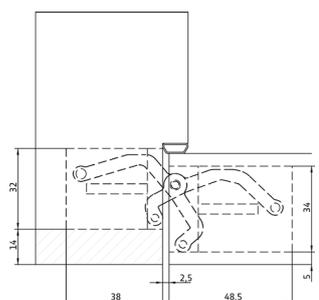
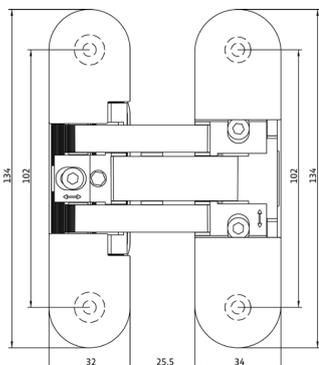
Note

i The load capacity mentioned above refers to the use of 2 hinges per door leaf (900 x 2100 mm).

Suggested screws:

Frame side: Countersunk head screws DIN 7505 A, Diameter 5 mm

Door side: Countersunk head screws DIN 7505 A, Diameter 5 mm



AN 161 3D FVZ 12/38

for unrebeated 38 mm thick residential doors with 12 mm recessed frame facings up to 60 kg

hinge	recessed frame facings	up to 60 kg
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Product features

- FVZ = recessed frame facings
- recessed frame facings up to 12.0 mm
- door thickness 38 mm
- completely concealed hinge system
- for timber frames
- for unrebeated residential doors
- 3D adjustable (side +/- 1.5 mm, height +/- 2.5 mm, compression +/- 1.0 mm)
- central installation
- material zamak

Technical details

load capacity	i 2 hinges per door leaf (900x2100 mm)	60.0 kg
overall length		130.0 mm
width (frame)		28.0 mm
width (door)		30.0 mm
cutter diameter		14.0 or 16.0 mm
collar ring diameter		25.0 or 27.0 mm
opening angle		180°

Finish

Satin Chrome (AN 014), Coated Bronze (AN 017), Black (AN 018), Antique Bronze (AN 035), Aluminium Chrome (AN 036), Polished Brass (AN 037), Polished Chrome (AN 039), Satin Nickel (AN 044), RAL 9016 Traffic White (AN 049)

Note

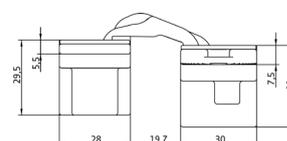
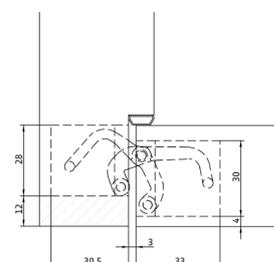
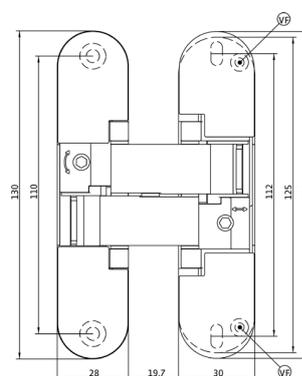
i The load capacity mentioned above refers to the use of 2 hinges per door leaf (900 x 2100 mm).

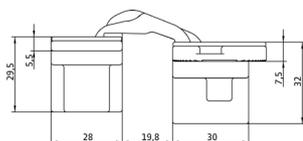
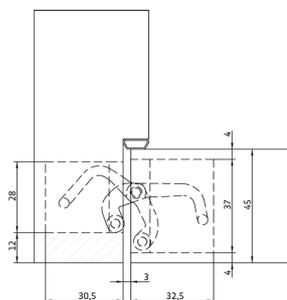
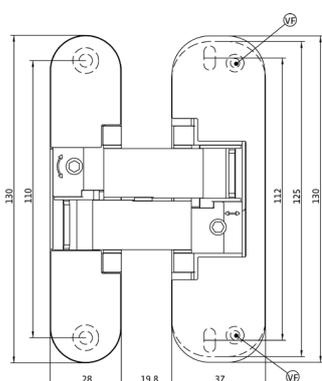
Suggested screws:

Frame side: Countersunk head screws DIN 7505 A, Diameter 5 mm

Door side: Pan head screws DIN 7505 B, Diameter 4 mm

If necessary, it is possible to lock the vertical adjustment of the hinge by means of a vertical adjustment screw (VF).





AN 161 3D FVZ 12/45

for unrebated 45 mm thick residential doors with 12 mm recessed frame facings up to 60 kg

hinge	recessed frame facings	up to 60 kg
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Product features

- FVZ = recessed frame facings
- recessed frame facings up to 12.0 mm
- door thickness 45 mm
- completely concealed hinge system
- for timber frames
- for unrebated residential doors
- 3D adjustable (side +/- 1.5 mm, height +/- 2.5 mm, compression +/- 1.0 mm)
- central installation
- material zamak

Technical details

load capacity	i 2 hinges per door leaf (900x2100 mm)	60.0 kg
overall length		130.0 mm
width (frame)		28.0 mm
width (door)		37.0 mm
cutter diameter		14.0 or 16.0 mm
collar ring diameter		25.0 or 27.0 mm
opening angle		180°

Finish

Satin Chrome (AN 014), Coated Bronze (AN 017), Black (AN 018), Antique Bronze (AN 035), Aluminium Chrome (AN 036), Polished Brass (AN 037), Polished Chrome (AN 039), Satin Nickel (AN 044), RAL 9016 Traffic White (AN 049)

Note

i The load capacity mentioned above refers to the use of 2 hinges per door leaf (900 x 2100 mm).

Suggested screws:

Frame side: Countersunk head screws DIN 7505 A, Diameter 5 mm

Door side: Pan head screws DIN 7505 B, Diameter 4 mm

If necessary, it is possible to lock the vertical adjustment of the hinge by means of a vertical adjustment screw (VF).

AN 161 3D FVZ 14/40

for unrebbated 40 mm thick residential doors with 14 mm recessed frame facings up to 60 kg

hinge	recessed frame facings	up to 60 kg
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Product features

- FVZ = recessed frame facings
- recessed frame facings up to 14.0 mm
- door thickness 40 mm
- completely concealed hinge system
- for timber frames
- for unrebbated residential doors
- 3D adjustable (side +/- 1.5 mm, height +/- 2.5 mm, compression +/- 1.0 mm)
- central installation
- material zamak

Technical details

load capacity	i 2 hinges per door leaf (900x2100 mm)	60.0 kg
overall length		144.0 mm
width (frame)		30.0 mm
width (door)		30.0 mm
cutter diameter		14.0 or 16.0 mm
collar ring diameter		25.0 or 27.0 mm
opening angle		180°

Finish

Satin Chrome (AN 014), Coated Bronze (AN 017), Black (AN 018), Antique Bronze (AN 035), Aluminium Chrome (AN 036), Polished Brass (AN 037), Polished Chrome (AN 039), Satin Nickel (AN 044), RAL 9016 Traffic White (AN 049)

Note

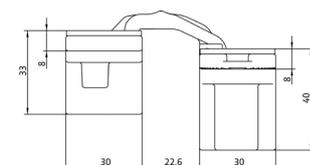
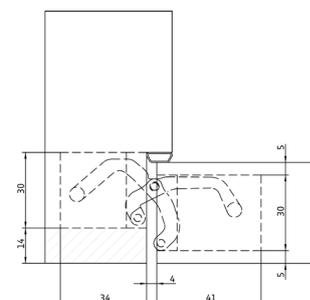
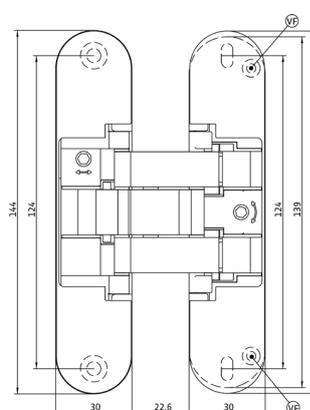
i The load capacity mentioned above refers to the use of 2 hinges per door leaf (900 x 2100 mm).

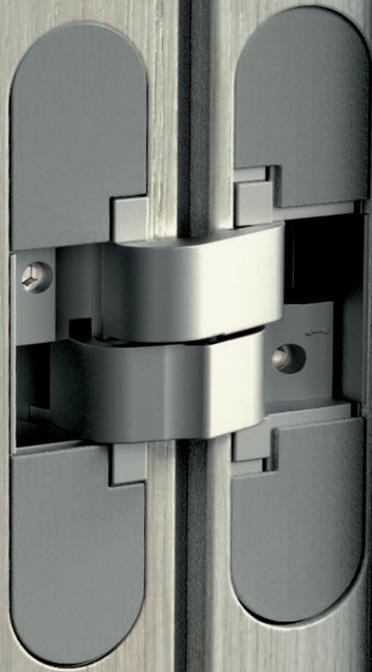
Suggested screws:

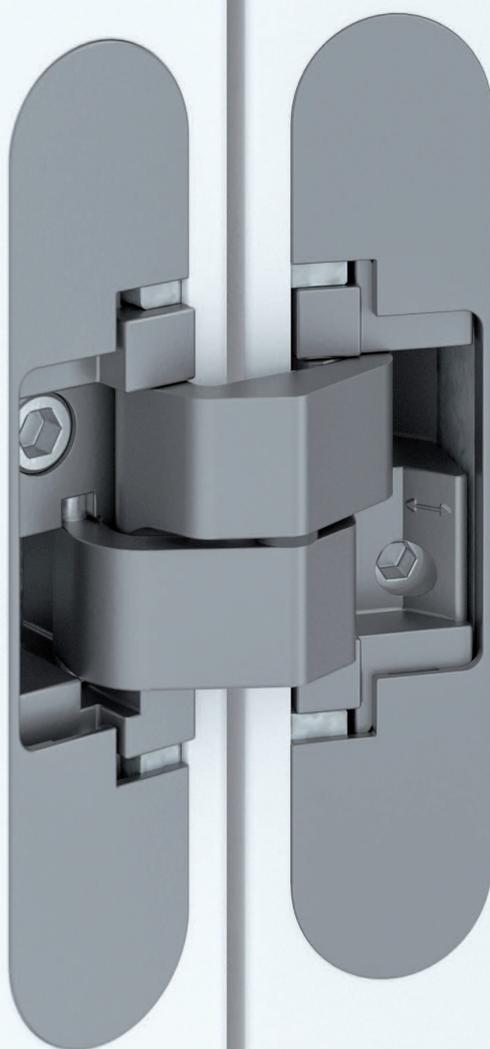
Frame side: Countersunk head screws DIN 7505 A, Diameter 5 mm

Door side: Pan head screws DIN 7505 B, Diameter 4 mm

If necessary, it is possible to lock the vertical adjustment of the hinge by means of a vertical adjustment screw (VF).



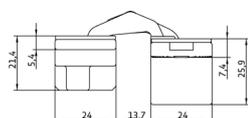
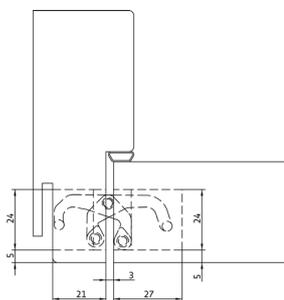
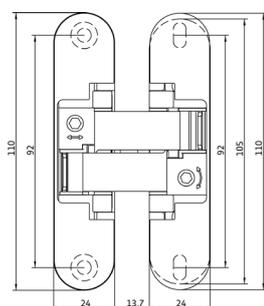




Hinge system AN 150 3D

MODEL VERSIONS FOR DOORS WITH REDUCED FRAME MILLING

- › reduced frame cup
- › versions for aluminium framed doors
- › load capacities up to 60 kg
- › opening angle 180°



AN 150 3D

for unrebated residential doors with 21 mm reduced frame cup up to 40 kg

hinge	21 mm frame cup	up to 40 kg
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Product features

- reduced frame cup 21 mm
- completely concealed hinge system
- for timber frames
- for unrebated residential doors
- 3D adjustable (side +/- 1.5 mm, height +/- 2.5 mm, compression +/- 1.0 mm)
- material zamak/ acetal

Technical details

load capacity	i 2 hinges per door leaf (900x2100 mm)	40.0 kg
overall length		110.0 mm
width (frame)		24.0 mm
width (door)		24.0 mm
cutter diameter		14.0 or 16.0 mm
collar ring diameter		25.0 or 27.0 mm
opening angle		180°

Finish

Satin Chrome (AN 014), Coated Bronze (AN 017), Black (AN 018), Antique Bronze (AN 035), Aluminium Chrome (AN 036), Polished Brass (AN 037), Polished Chrome (AN 039), Satin Nickel (AN 044), RAL 9016 Traffic White (AN 049)

Combination

receiver	casing frame	AN 140 3D FZ
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Note

i The load capacity mentioned above refers to the use of 2 hinges per door leaf (900 x 2100 mm).

Suggested screws:

Frame side: Countersunk head screws DIN 7505 A, Diameter 4.5 mm

Door side: Pan head screws DIN 7505 B, Diameter 4.5 mm

AN 150 3D ALU

for unrebated residential doors with aluminium frames and 21 mm reduced frame cup up to 40 kg

hinge	21 mm frame cup	up to 40 kg
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Product features

- reduced frame cup 21 mm
- completely concealed hinge system
- for timber frames
- for unrebated residential doors with aluminium frames
- 3D adjustable (side +/- 1.5 mm, height +/- 1.5 mm, compression +/- 1.0 mm)
- material zamak/ acetal

Technical details

load capacity	i 2 hinges per door leaf (900x2100 mm)	40.0 kg
overall length		110.0 mm
width (frame)		24.0 mm
width (door)		24.0 mm
cutter diameter		14.0 or 16.0 mm
collar ring diameter		25.0 or 27.0 mm
opening angle		180°

Finish

Satin Chrome (AN 014), Coated Bronze (AN 017), Black (AN 018), Antique Bronze (AN 035), Aluminium Chrome (AN 036), Polished Brass (AN 037), Polished Chrome (AN 039), Satin Nickel (AN 044), RAL 9016 Traffic White (AN 049)

Combination

receiver	casing frame	AN 140 3D FZ
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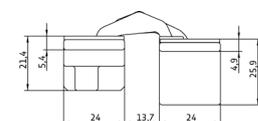
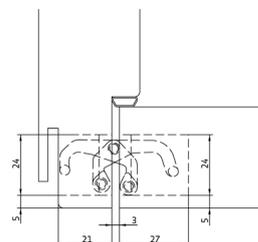
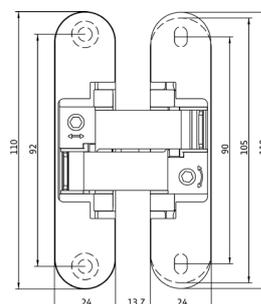
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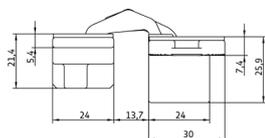
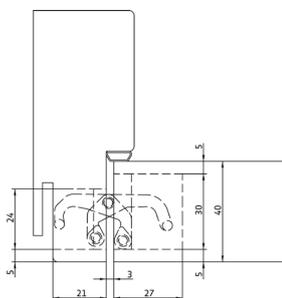
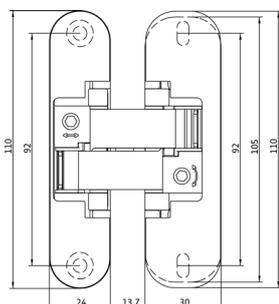
i The load capacity mentioned above refers to the use of 2 hinges per door leaf (900 x 2100 mm).

Suggested screws:

Frame side: Countersunk head screws DIN 7505 A, Diameter 4.5 mm

Door side: Countersunk head screws DIN 7505 A, Diameter 4.5 mm





AN 150 3D 40

for unrebated 40 mm residential doors with central installation and 21 mm reduced frame cup up to 40 kg

hinge	21 mm frame cup	up to 40 kg
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Product features

- reduced frame cup 21 mm
- door thickness 40 mm
- completely concealed hinge system
- for timber frames
- for unrebated residential doors
- 3D adjustable (side +/- 1.5 mm, height +/- 2.5 mm, compression +/- 1.0 mm)
- central installation
- material zamak/acetel

Technical details

load capacity	i 2 hinges per door leaf (900x2100 mm)	40.0 kg
overall length		110.0 mm
width (frame)		40.0 mm
width (door)		30.0 mm
cutter diameter		14.0 or 16.0 mm
collar ring diameter		25.0 or 27.0 mm
opening angle		180°

Finish

Satin Chrome (AN 014), Coated Bronze (AN 017), Black (AN 018), Antique Bronze (AN 035), Aluminium Chrome (AN 036), Polished Brass (AN 037), Polished Chrome (AN 039), Satin Nickel (AN 044), RAL 9016 Traffic White (AN 049)

Combination

receiver	casing frame	AN 140 3D FZ
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Note

i The load capacity mentioned above refers to the use of 2 hinges per door leaf (900 x 2100 mm).

Suggested screws:

Frame side: Countersunk head screws DIN 7505 A, Diameter 4.5 mm

Door side: Pan head screw DIN 7505 B, Diameter 4.5 mm

AN 150 3D 44

for unrebated 44 mm residential doors with central installation and 21 mm reduced frame cup up to 40 kg

hinge	21 mm frame cup	up to 40 kg
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Product features

- reduced frame cup 21 mm
- door thickness 44 mm
- completely concealed hinge system
- for timber frames
- for unrebated residential doors
- 3D adjustable (side +/- 1.5 mm, height +/- 2.5 mm, compression +/- 1.0 mm)
- central installation
- material zamak/acetal

Technical details

load capacity	i 2 hinges per door leaf (900x2100 mm)	40.0 kg
overall length		110.0 mm
width (frame)		24.0 mm
width (door)		34.0 mm
cutter diameter		14.0 or 16.0 mm
collar ring diameter		25.0 or 27.0 mm
opening angle		180°

Finish

Satin Chrome (AN 014), Coated Bronze (AN 017), Black (AN 018), Antique Bronze (AN 035), Aluminium Chrome (AN 036), Polished Brass (AN 037), Polished Chrome (AN 039), Satin Nickel (AN 044), RAL 9016 Traffic White (AN 049)

Combination

receiver	casing frame	AN 140 3D FZ
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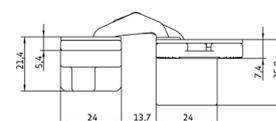
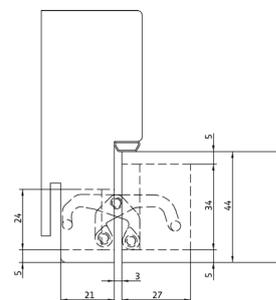
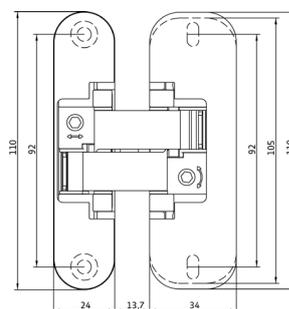
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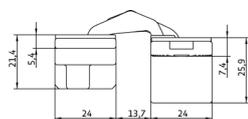
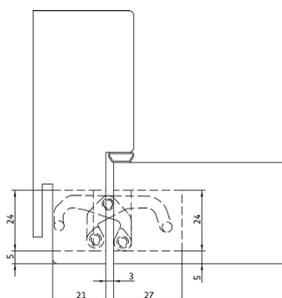
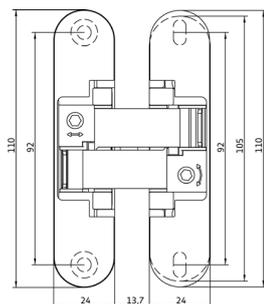
i The load capacity mentioned above refers to the use of 2 hinges per door leaf (900 x 2100 mm).

Suggested screws:

Frame side: Countersunk head screws DIN 7505 A, Diameter 4.5 mm

Door side: Pan head screw DIN 7505 B, Diameter 4.5 mm





AN 170 3D

for unrebated residential doors with 21 mm reduced frame cup up to 60 kg

hinge	21 mm frame cup	up to 60 kg
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Product features

- reduced frame cup 21 mm
- completely concealed hinge system
- for timber frames
- for unrebated residential doors
- 3D adjustable (side +/- 1.5 mm, height +/- 2.5 mm, compression +/- 1.0 mm)
- material zamak

Technical details

load capacity	i 2 hinges per door leaf (900x2100 mm)	60.0 kg
overall length		110.0 mm
width (frame)		24.0 mm
width (door)		24.0 mm
cutter diameter		14.0 or 16.0 mm
collar ring diameter		25.0 or 27.0 mm
opening angle		180°

Finish

Satin Chrome (AN 014), Coated Bronze (AN 017), Black (AN 018), Antique Bronze (AN 035), Aluminium Chrome (AN 036), Polished Brass (AN 037), Polished Chrome (AN 039), Satin Nickel (AN 044), RAL 9016 Traffic White (AN 049)

Combination

receiver	casing frame	AN 140 3D FZ
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Note

i The load capacity mentioned above refers to the use of 2 hinges per door leaf (900 x 2100 mm).

Suggested screws:

Frame side: Countersunk head screws DIN 7505 A, Diameter 4.5 mm

Door side: Pan head screws DIN 7505 B, Diameter 4.5 mm

AN 170 3D ALU

for unrebated residential doors with aluminium frames and 21 mm reduced frame cup up to 60 kg

hinge	21 mm frame cup	up to 60 kg
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Product features

- reduced frame cup 21 mm
- completely concealed hinge system
- for timber frames
- for unrebated residential doors with aluminium frames
- 3D adjustable (side +/- 1.5 mm, height +/- 1.5 mm, compression +/- 1.0 mm)
- material zamak

Technical details

load capacity	i 2 hinges per door leaf (900x2100 mm)	60.0 kg
overall length		110.0 mm
width (frame)		24.0 mm
width (door)		24.0 mm
cutter diameter		14.0 or 16.0 mm
collar ring diameter		25.0 or 27.0 mm
opening angle		180°

Finish

Satin Chrome (AN 014), Coated Bronze (AN 017), Black (AN 018), Antique Bronze (AN 035), Aluminium Chrome (AN 036), Polished Brass (AN 037), Polished Chrome (AN 039), Satin Nickel (AN 044), RAL 9016 Traffic White (AN 049)

Combination

receiver	casing frame	AN 140 3D FZ
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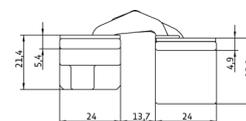
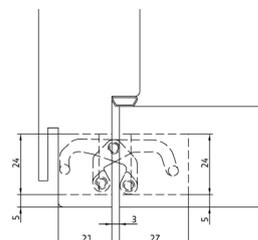
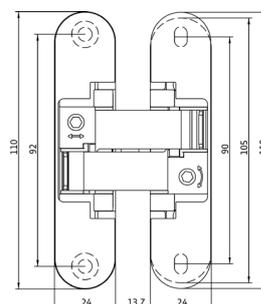
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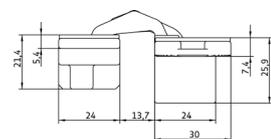
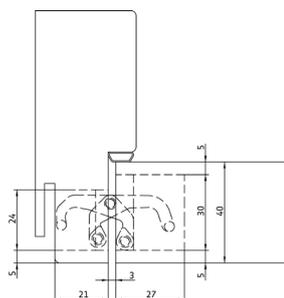
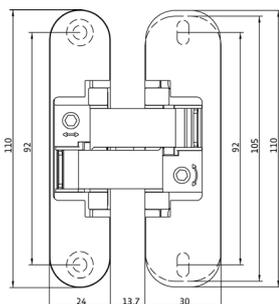
i The load capacity mentioned above refers to the use of 2 hinges per door leaf (900 x 2100 mm).

Suggested screws:

Frame side: Countersunk head screws DIN 7505 A, Diameter 4.5 mm

Door side: Countersunk head screws DIN 7505 A, Diameter 4.5 mm





AN 170 3D 40

for unrebated 40 mm residential doors with central installation and 21 mm reduced frame cup up to 60 kg

hinge	21 mm frame cup	up to 60 kg
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Product features

- reduced frame cup 21 mm
- door thickness 40 mm
- for timber frames
- completely concealed hinge system
- for unrebated residential doors
- 3D adjustable (side +/- 1.5 mm, height +/- 2.5 mm, compression +/- 1.0 mm)
- central installation
- material zamak

Technical details

load capacity	i 2 hinges per door leaf (900x2100 mm)	60.0 kg
overall length		110.0 mm
width (frame)		24.0 mm
width (door)		30.0 mm
cutter diameter		14.0 or 16.0 mm
collar ring diameter		25.0 or 27.0 mm
opening angle		180°

Finish

Satin Chrome (AN 014), Coated Bronze (AN 017), Black (AN 018), Antique Bronze (AN 035), Aluminium Chrome (AN 036), Polished Brass (AN 037), Polished Chrome (AN 039), Satin Nickel (AN 044), RAL 9016 Traffic White (AN 049)

Combination

receiver	casing frame	AN 140 3D FZ
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Note

i The load capacity mentioned above refers to the use of 2 hinges per door leaf (900 x 2100 mm).

Suggested screws:

Frame side: Countersunk head screws DIN 7505 A, Diameter 4.5 mm

Door side: Pan head screws DIN 7505 B, Diameter 4.5 mm

AN 170 3D 44

for unrebated 44 mm residential doors with central installation and 21 mm reduced frame cup up to 60 kg

hinge	21 mm frame cup	up to 60 kg
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Product features

- reduced frame cup 21 mm
- door thickness 44 mm
- completely concealed hinge system
- for timber frames
- for unrebated residential doors
- 3D adjustable (side +/- 1.5 mm, height +/- 2.5 mm, compression +/- 1.0 mm)
- central installation
- material zamak

Technical details

load capacity	i 2 hinges per door leaf (900x2100 mm)	60.0 kg
overall length		110.0 mm
width (frame)		24.0 mm
width (door)		30.0 mm
cutter diameter		14.0 or 16.0 mm
collar ring diameter		25.0 or 27.0 mm
opening angle		180°

Finish

Satin Chrome (AN 014), Coated Bronze (AN 017), Black (AN 018), Antique Bronze (AN 035), Aluminium Chrome (AN 036), Polished Brass (AN 037), Polished Chrome (AN 039), Satin Nickel (AN 044), RAL 9016 Traffic White (AN 049)

Combination

receiver	casing frame	AN 140 3D FZ
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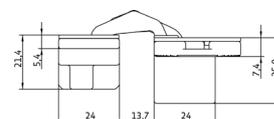
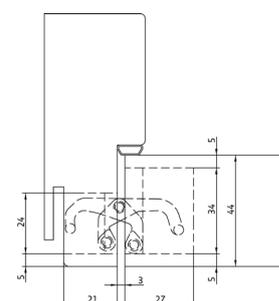
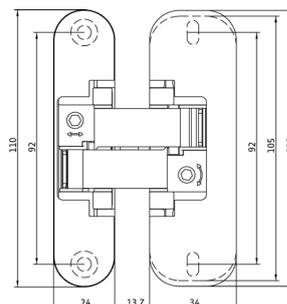
Note

i The load capacity mentioned above refers to the use of 2 hinges per door leaf (900 x 2100 mm).

Suggested screws:

Frame side: Countersunk head screws DIN 7505 A, Diameter 4.5 mm

Door side: Pan head screws DIN 7505 B, Diameter 4.5 mm

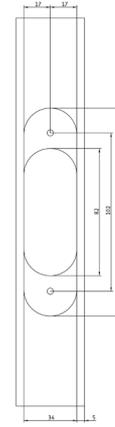
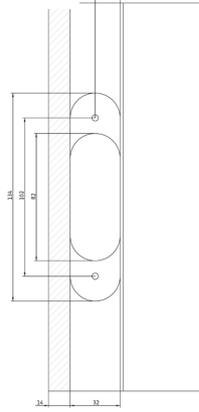


ROUTING DATA

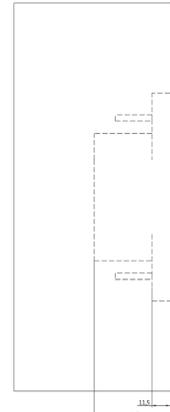
AN 141 3D FVZ 14/44

Conduct routing with cutter \varnothing 14 mm and collar ring \varnothing 25 mm or with cutter \varnothing 16 mm and collar ring \varnothing 27 mm.

Milling frame



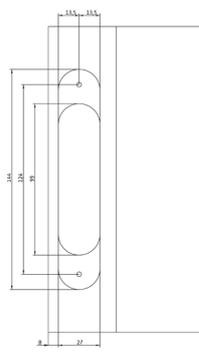
Milling door



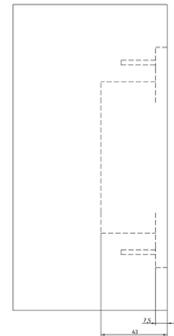
AN 142 3D

Conduct routing with cutter \varnothing 14 mm and collar ring \varnothing 25 mm or with cutter \varnothing 16 mm and collar ring \varnothing 27 mm.

Milling frame



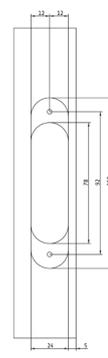
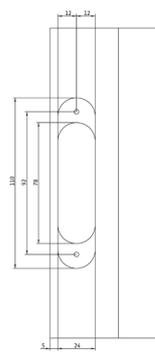
Milling door



AN 150 3D

Conduct routing with cutter \varnothing 14 mm and collar ring \varnothing 25 mm or with cutter \varnothing 16 mm and collar ring \varnothing 27 mm.

Milling frame

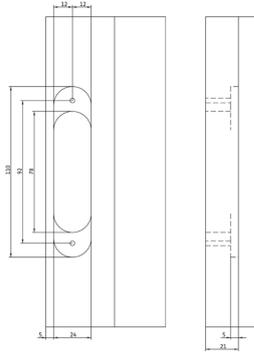


Milling door

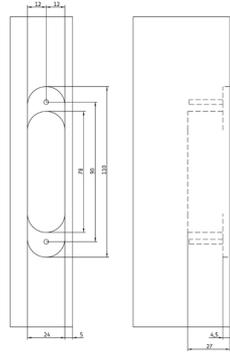


ROUTING DATA

Milling
frame



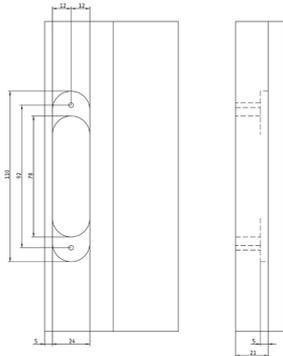
Milling
door



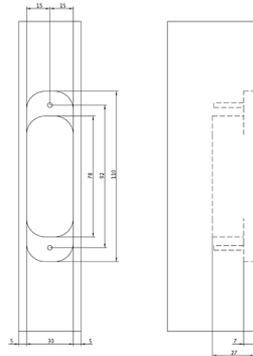
AN 150 3D ALU

Conduct routing with cutter \varnothing 14 mm and collar ring \varnothing 25 mm or with cutter \varnothing 16 mm and collar ring \varnothing 27 mm.

Milling
frame



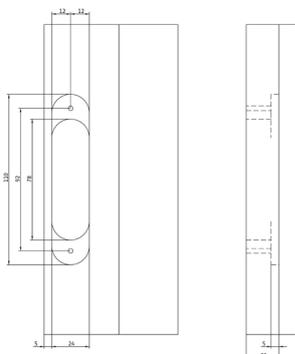
Milling
door



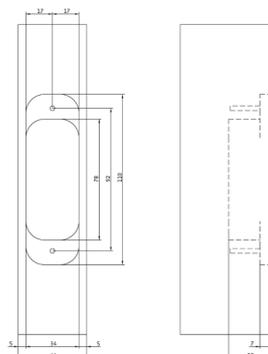
AN 150 3D 40

Conduct routing with cutter \varnothing 14 mm and collar ring \varnothing 25 mm or with cutter \varnothing 16 mm and collar ring \varnothing 27 mm.

Milling
frame



Milling
door



AN 150 3D 44

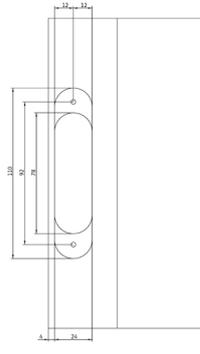
Conduct routing with cutter \varnothing 14 mm and collar ring \varnothing 25 mm or with cutter \varnothing 16 mm and collar ring \varnothing 27 mm.

ROUTING DATA

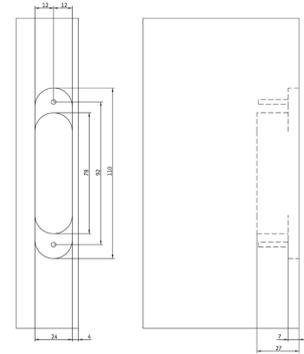
AN 160 3D

Conduct routing with cutter \varnothing 14 mm and collar ring \varnothing 25 mm or with cutter \varnothing 16 mm and collar ring \varnothing 27 mm.

Milling frame



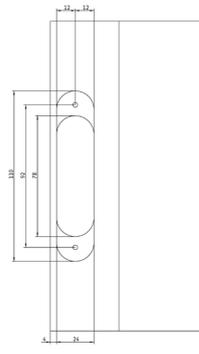
Milling door



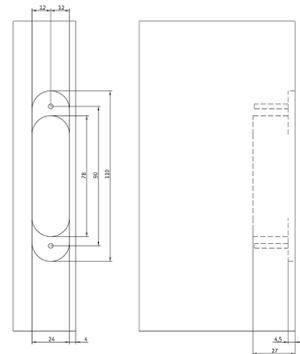
AN 160 3D ALU

Conduct routing with cutter \varnothing 14 mm and collar ring \varnothing 25 mm or with cutter \varnothing 16 mm and collar ring \varnothing 27 mm.

Milling frame



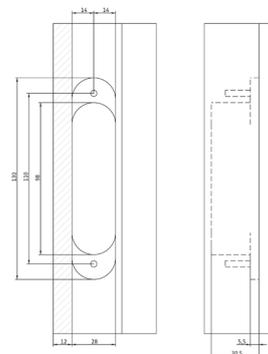
Milling door



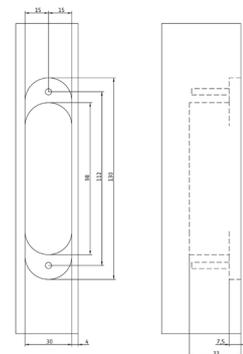
AN 161 3D FVZ 12/38

Conduct routing with cutter \varnothing 14 mm and collar ring \varnothing 25 mm or with cutter \varnothing 16 mm and collar ring \varnothing 27 mm.

Milling frame

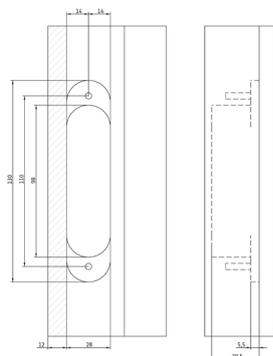


Milling door



ROUTING DATA

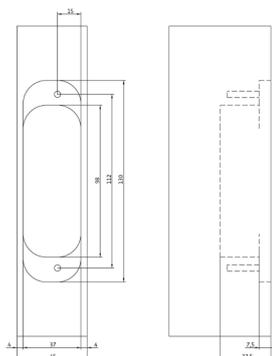
Milling
frame



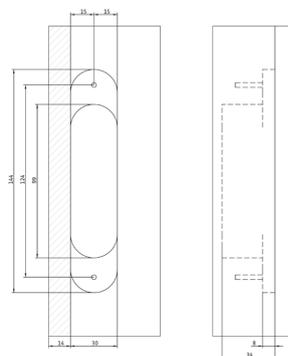
Milling
door

AN 161 3D FVZ 12/45

Conduct routing with cutter \varnothing 14 mm and collar ring \varnothing 25 mm or with cutter \varnothing 16 mm and collar ring \varnothing 27 mm.



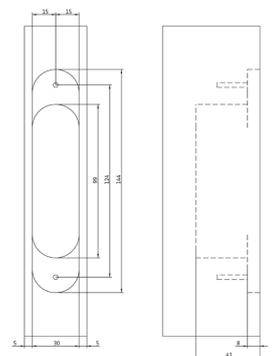
Milling
frame



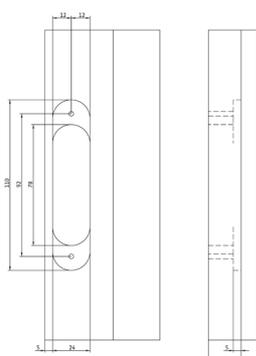
Milling
door

AN 161 3D FVZ 14/40

Conduct routing with cutter \varnothing 14 mm and collar ring \varnothing 25 mm or with cutter \varnothing 16 mm and collar ring \varnothing 27 mm.



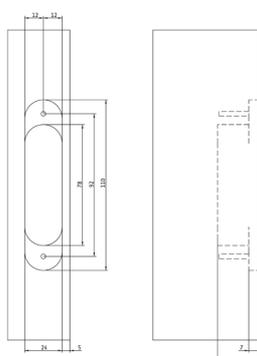
Milling
frame



Milling
door

AN 170 3D

Conduct routing with cutter \varnothing 14 mm and collar ring \varnothing 25 mm or with cutter \varnothing 16 mm and collar ring \varnothing 27 mm.

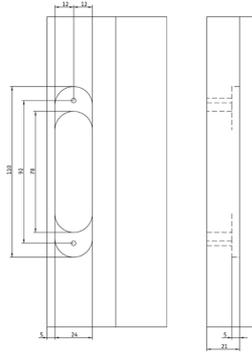


ROUTING DATA

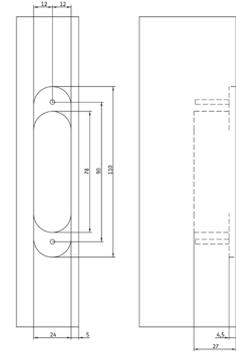
AN 170 3D ALU

Conduct routing with cutter \varnothing 14 mm and collar ring \varnothing 25 mm or with cutter \varnothing 16 mm and collar ring \varnothing 27 mm.

Milling
frame



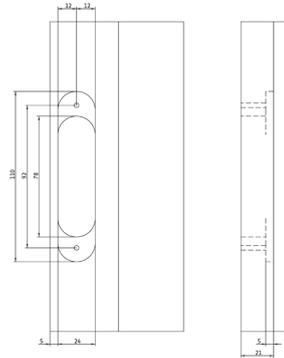
Milling
door



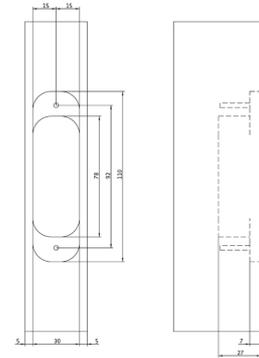
AN 170 3D 40

Conduct routing with cutter \varnothing 14 mm and collar ring \varnothing 25 mm or with cutter \varnothing 16 mm and collar ring \varnothing 27 mm.

Milling
frame



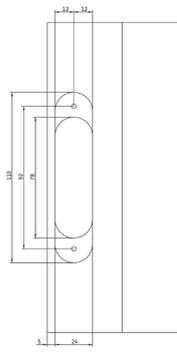
Milling
door



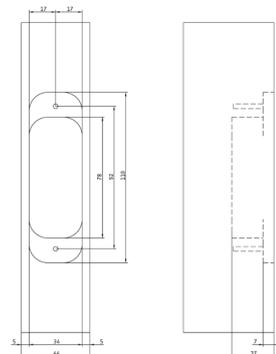
AN 170 3D 44

Conduct routing with cutter \varnothing 14 mm and collar ring \varnothing 25 mm or with cutter \varnothing 16 mm and collar ring \varnothing 27 mm.

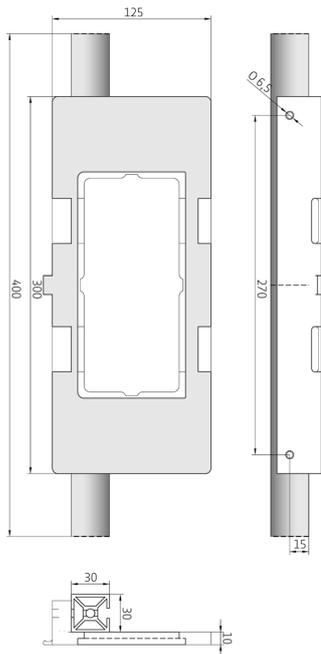
Milling
frame



Milling
door



APPLICATION ACCESSORIES



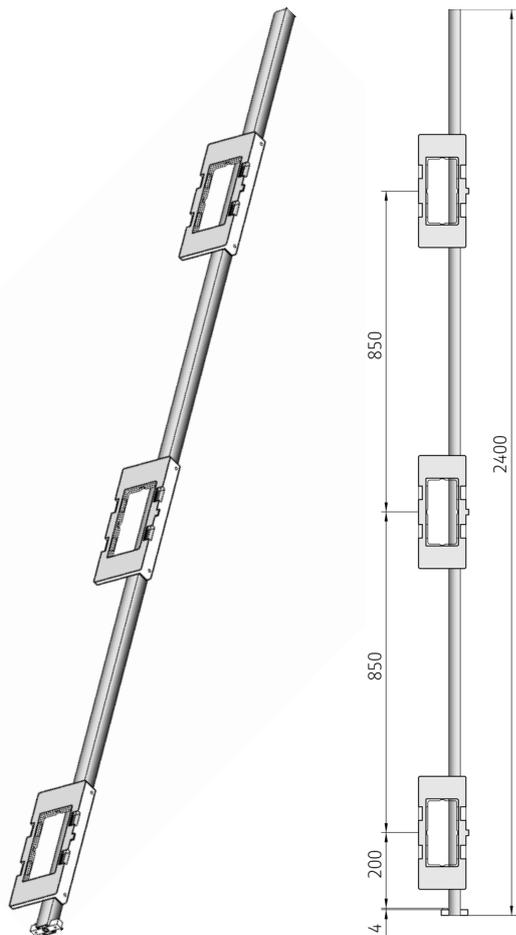
Universal single milling frame

as well fitting installation aid for ANSELMI templates

accessories

Note

Available with and without clamps. Templates need be ordered separately.



Universal triple milling frame

as well fitting installation aid for ANSELMI templates

accessories

Note

Available with and without clamps. Templates need be ordered separately.

APPLICATION ACCESSORIES

Template double

for precise routings in conjunction with ANSELMI jig technique

accessories

Technical details

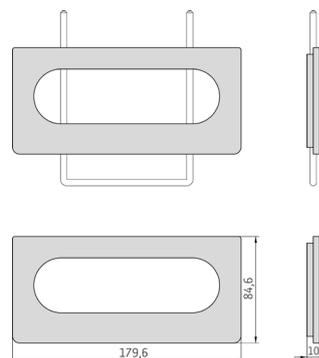
cutter diameter	14.0 or 16.0 mm
collar ring diameter	25.0 or 27.0 mm

Combination

hinge	AN 141 3D FVZ 14/44
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Note

All indicated dimensions of angle and rail are just standards which may vary on the actual measurements depending on the construction. Where applicable, a trial routing is recommended.



Template single

for precise routings in conjunction with ANSELMI jig technique

accessories

Technical details

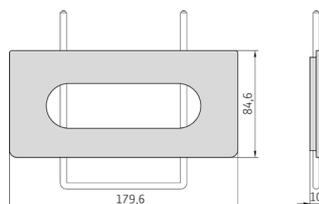
cutter diameter	14.0 or 16.0 mm
collar ring diameter	25.0 or 27.0 mm

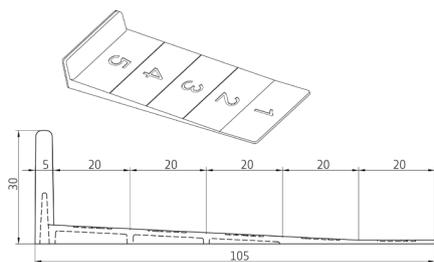
Combination

hinge	AN 140 3D
	AN 140 3D ALU
	AN 160 3D
	AN 160 3D ALU
	AN 180 3D
	AN 130 2D
	AN 150 3D
	AN 150 3D ALU

Note

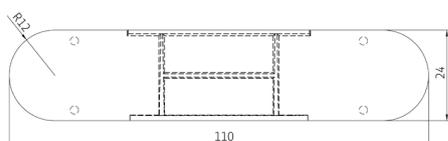
All indicated dimensions of angle and rail are just standards which may vary on the actual measurements depending on the construction. Where applicable, a trial routing is recommended.





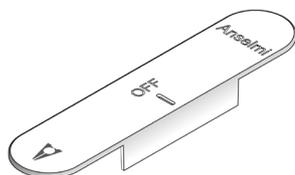
Door height adjustment wedge

as tool to ease the adjustment of the door height from 1 mm up to 5 mm



Disposable/varnishable frame hole cover

to protect the hinge seat during the installation of the frame

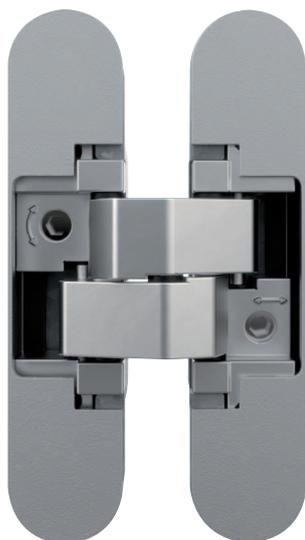


Note

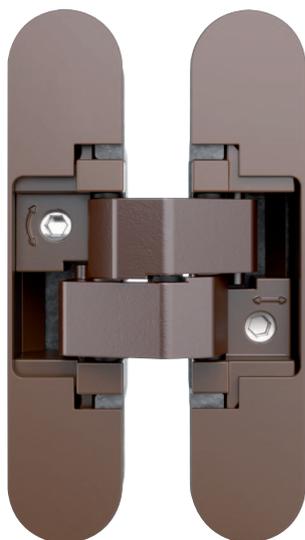
The frame hole cover is especially indicated when the frames (usually aluminium frames) are installed on the building site several weeks or months before the doors are produced. The cover will protect the hinge seat from dust, cement, paint etc. and when the door will arrive on site the installation will result easier.

The use of this frame hole cover requires a special hinge packaging. Please contact us for further information.

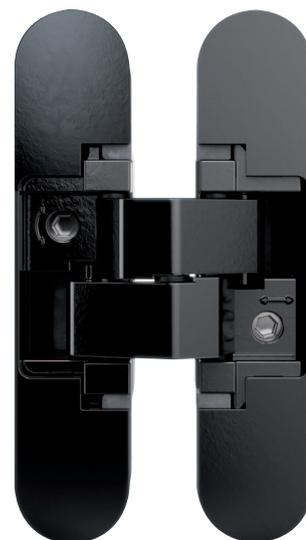
FINISHES



Satin Chrome (AN 014)



Coated Bronze (AN 017)



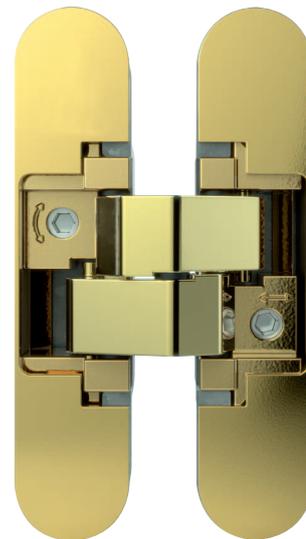
Black (AN 018)



Antique Bronze (AN 035)



Aluminium Chrome (AN 036)



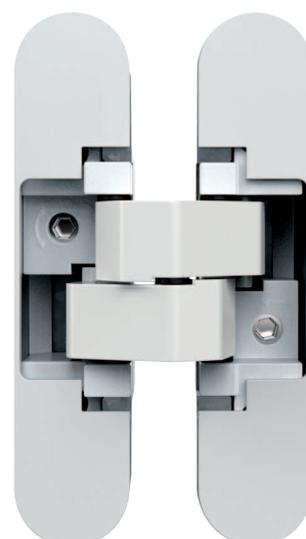
Polished Brass (AN 037)



Polished Chrome (AN 039)



Satin Nickel (AN 044)



RAL 9016 Traffic White (AN 049)

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