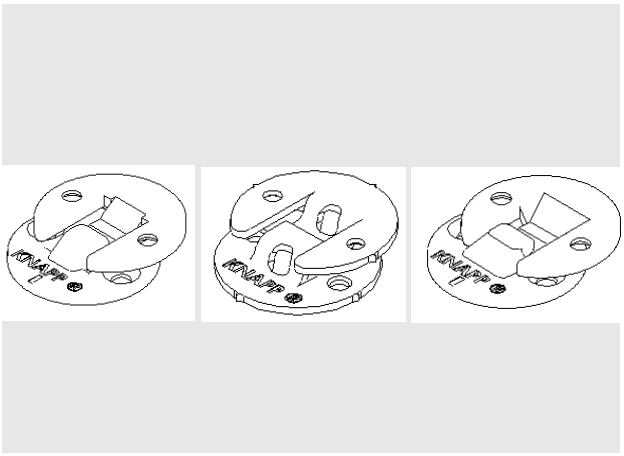
Montageanleitung Construction Manual Notice de montage

VERSION 03.11.2026

DUO 30 mL, DUO 30 Edelstahl A5, DUO 30 oL



Art.-Nr. K070, K350, K074

Deutsch S. 2
English p. 6
Français p.10

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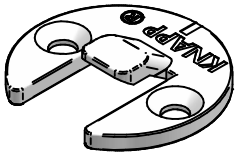
© KNAPP® GmbH | Alle Maße in mm - Irrtümer, Druckfehler und Änderungen vorbehalten | All measures in mm - Errors excepted | Toutes dimensions en mm - sauf erreurs, fautes d'impression ou modifications

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Montageanleitung

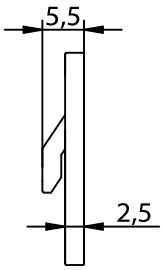
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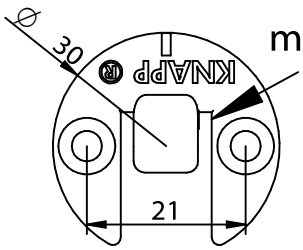
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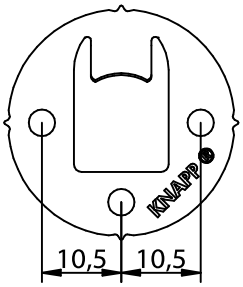
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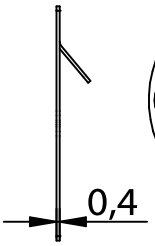
DUO 30 ml blau verzinkt

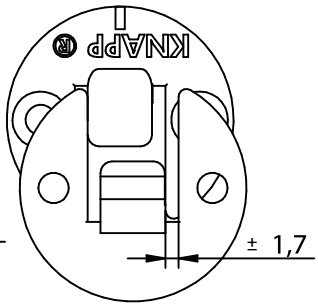




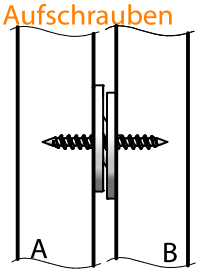
Sperre



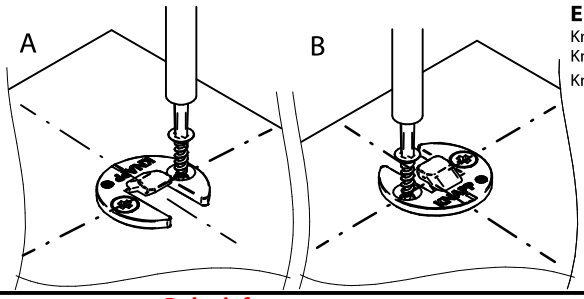




Beidseitig Aufschrauben

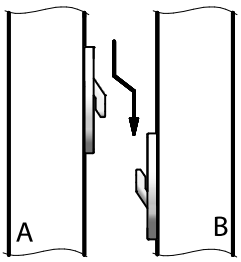


1. Aufschrauben

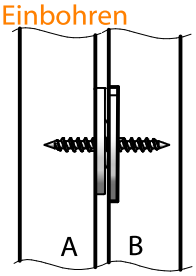


2. Einhängen

Empfohlene Schrauben:
Knapp SK-Schraube Ø3x 16 mm, Art.-Nr. K820
Knapp SK-Schraube Ø3x 20 mm, Art.-Nr. K821
Knapp SK-Schraube Ø3x 25 mm, Art.-Nr. K822

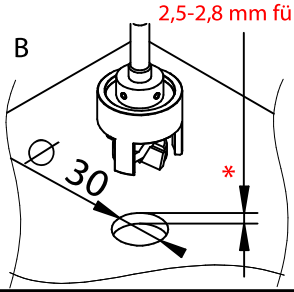


Einseitig Einbohren

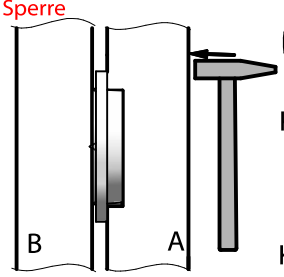


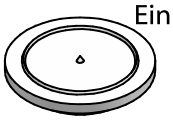
1. Bohren

* **Bohrtiefe**
2,9 mm für Verwendung mit Sperre
2,5-2,8 mm für Verwendung ohne Sperre



2. Übertragen



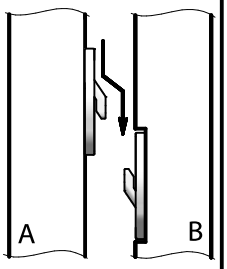


Körner K071

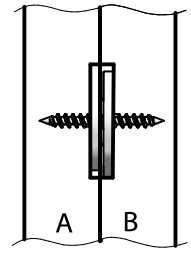


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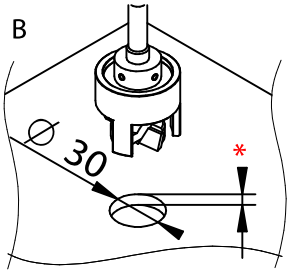
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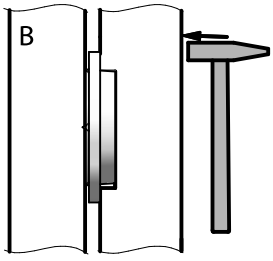
Beidseitig Einbohren



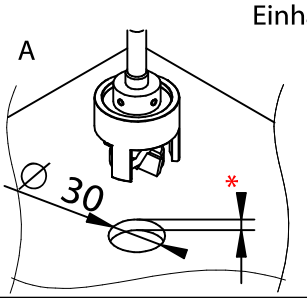
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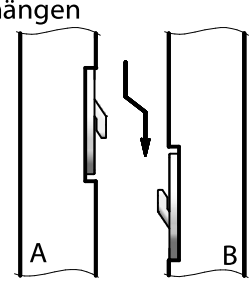
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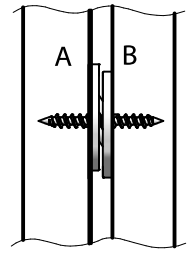
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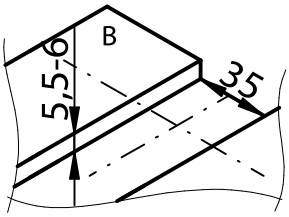
4. Annschrauben und Einhängen



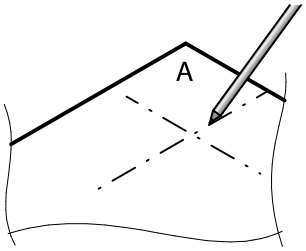
Einseitig nuten



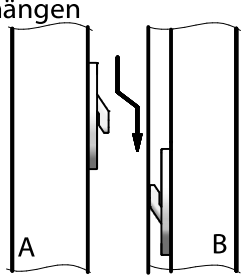
1. Nuten



2. Übertragen



3. Anschrauben und Einhängen



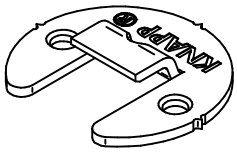
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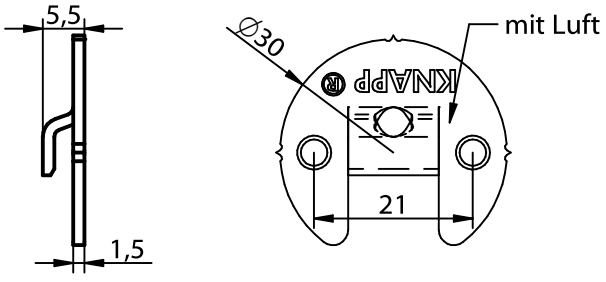
DUO 30 ml Edelstahl A5



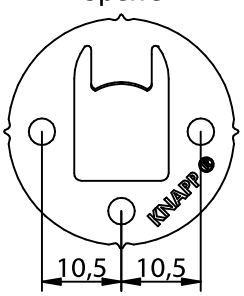
Art.-Nr. K350

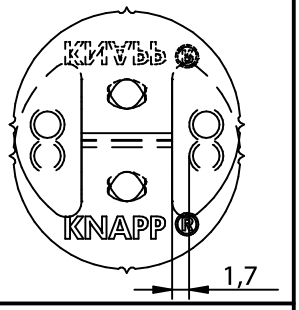
Einhängeverbinder

DUO 30 ml Edelstahl A5

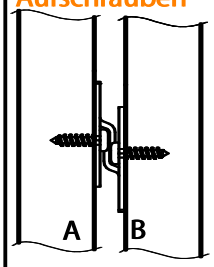


Sperre

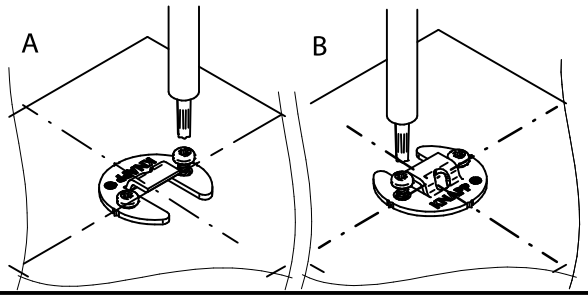




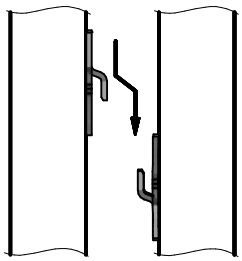
Beidseitig Aufschrauben



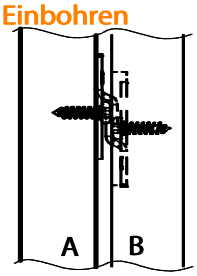
1. Aufschrauben



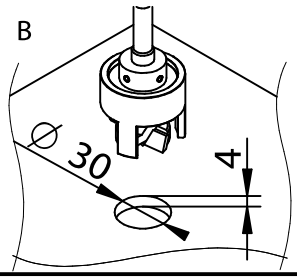
2. Einhängen



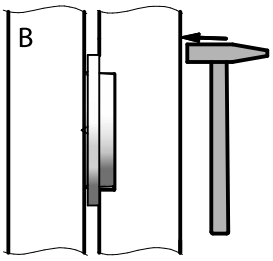
Einseitig Einbohren

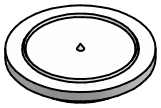


1. Bohren



2. Übertragen



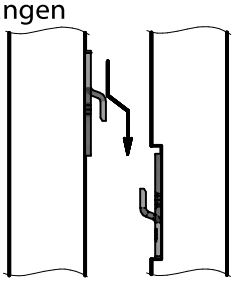


Körner K071

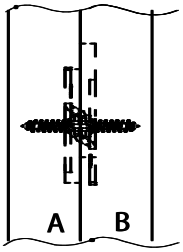


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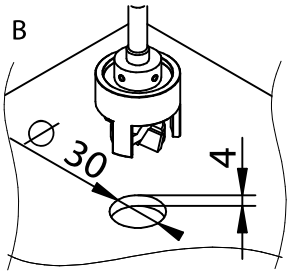
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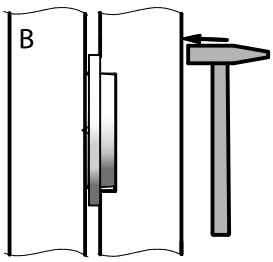
Beidseitig Einbohren



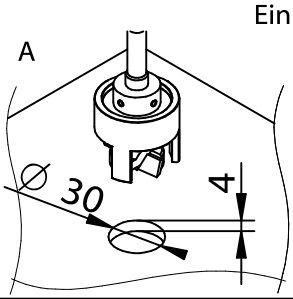
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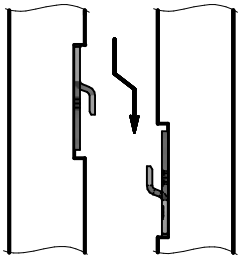
2. Übertragen



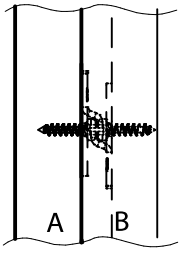
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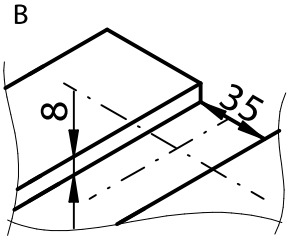
4. Einschrauben und Einhängen



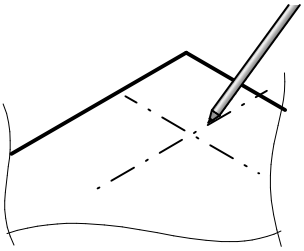
Einseitig Ausnuten



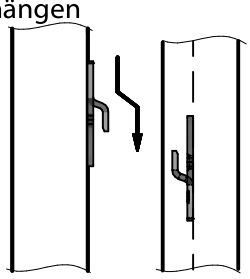
1. Nuten



2. Übertragen



3. Einschrauben und Einhängen



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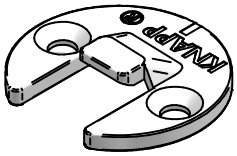
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Montageanleitung

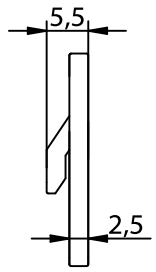
DUO 30 ol

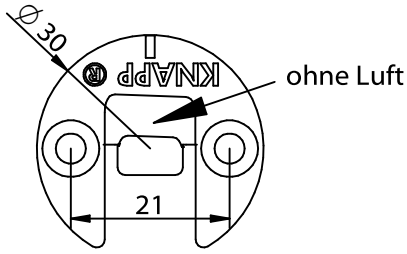
Einhängeverbinder



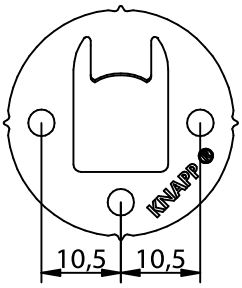
Art.-Nr. K074

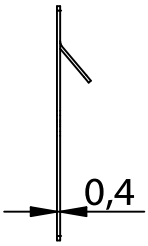
DUO 30 ol gelb verzinkt

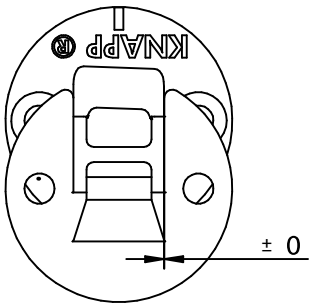




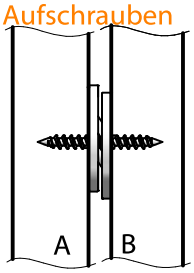
Sperre



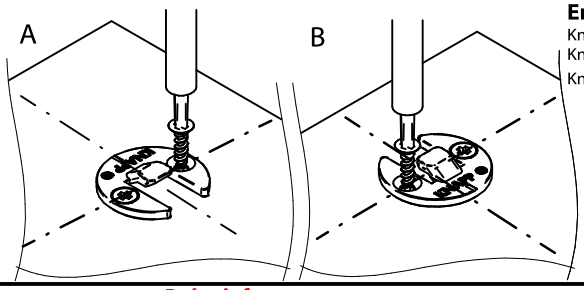




Beidseitig Aufschrauben

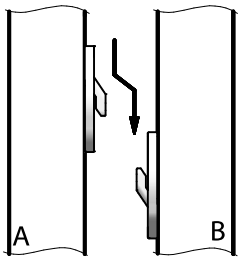


1. Aufschrauben

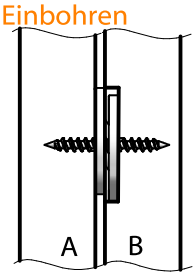


Empfohlene Schrauben:
Knapp SK-Schraube Ø3x 16 mm, Art.-Nr. K820
Knapp SK-Schraube Ø3x 20 mm, Art.-Nr. K821
Knapp SK-Schraube Ø3x 25 mm, Art.-Nr. K822

2. Einhängen

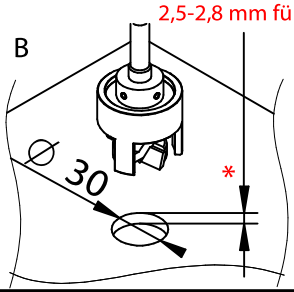


Einseitig Einbohren

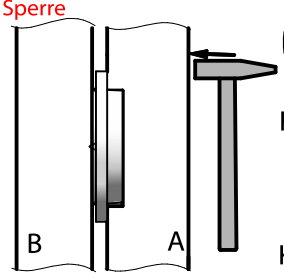


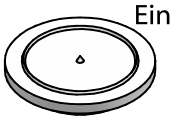
1. Bohren

* **Bohrtiefe**
2,9 mm für Verwendung mit Sperre
2,5-2,8 mm für Verwendung ohne Sperre



2. Übertragen



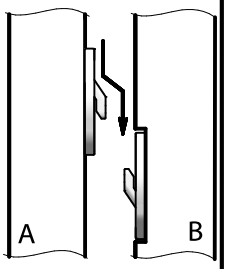


Körner K071

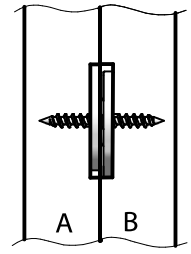


Körner K075

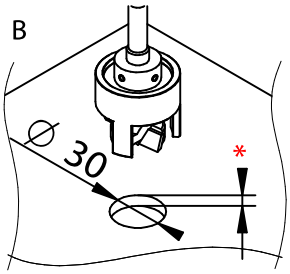
3. Anschrauben und Einhängen



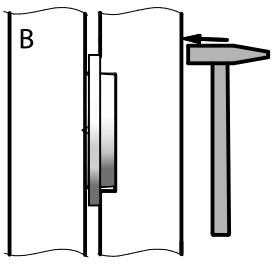
Beidseitig Einbohren



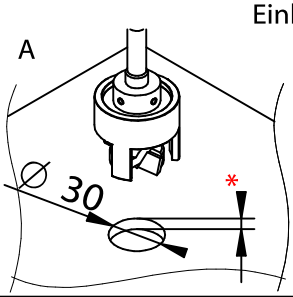
1. Bohren



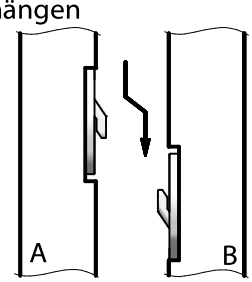
2. Übertragen



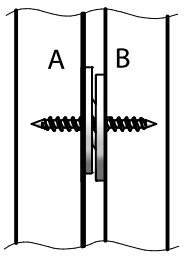
3. Bohren



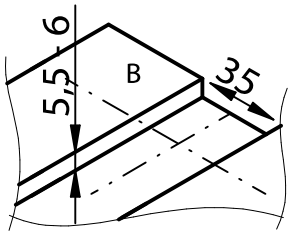
4. Anschrauben und Einhängen



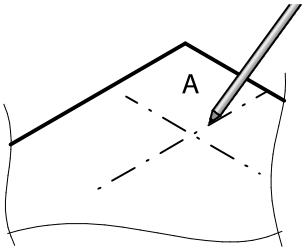
Einseitig nuten



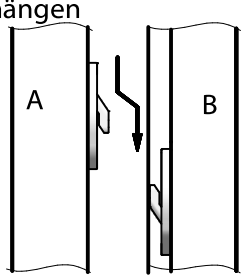
1. Nuten



2. Übertragen



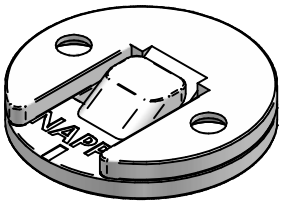
3. Anschrauben und Einhängen



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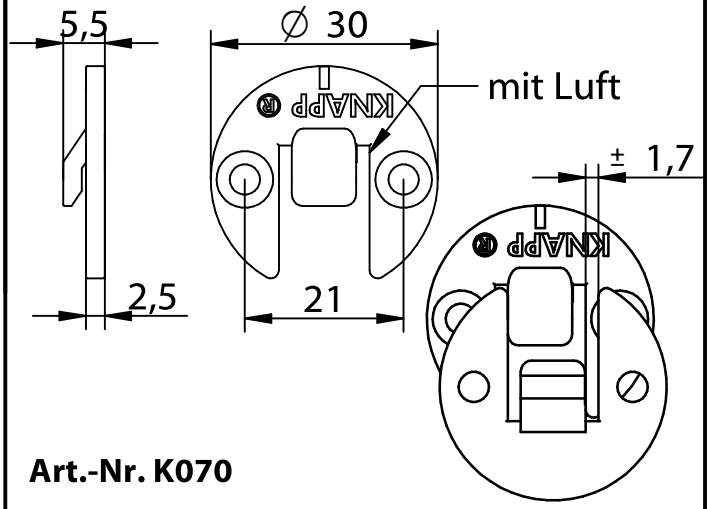


Montageanleitung

DUO 30 ml/ol

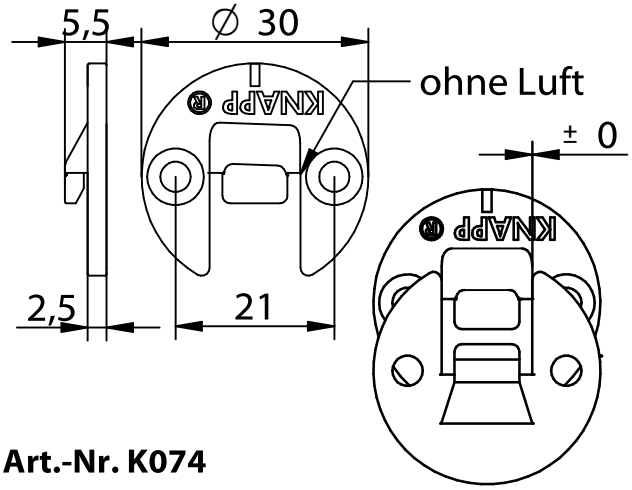
Einhängeverbinder

DUO 30 ml blau verzinkt



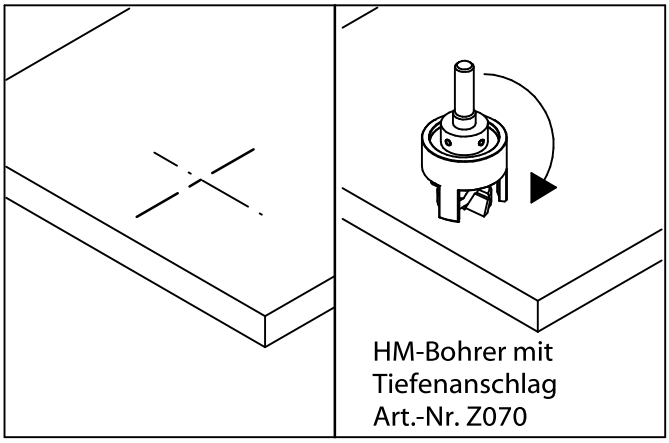
Art.-Nr. K070

DUO 30 ol gelb verzinkt



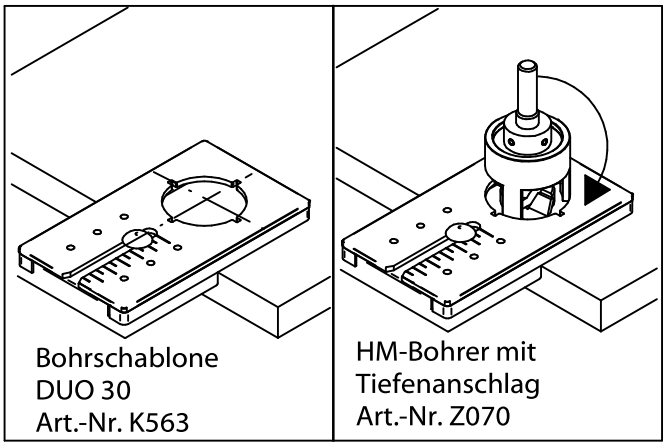
Art.-Nr. K074

1. DUO 30 auf Maß anreißen und 3 mm tief bohren



HM-Bohrer mit
Tiefenanschlag
Art.-Nr. Z070

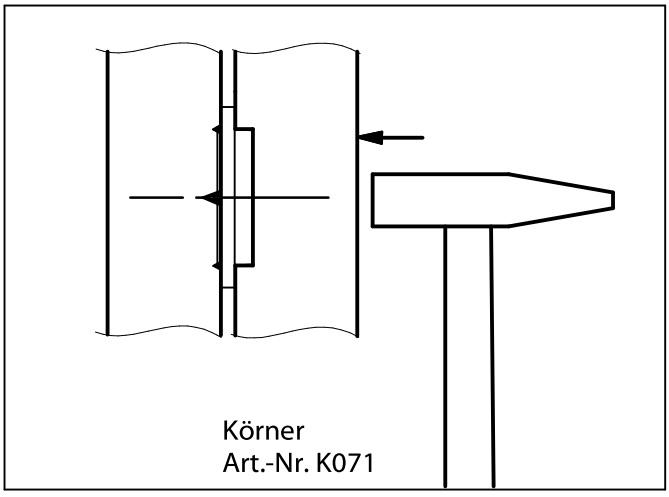
1. Bohrschablone auf Maß einstellen und 3 mm tief bohren



Bohrschablone
DUO 30
Art.-Nr. K563

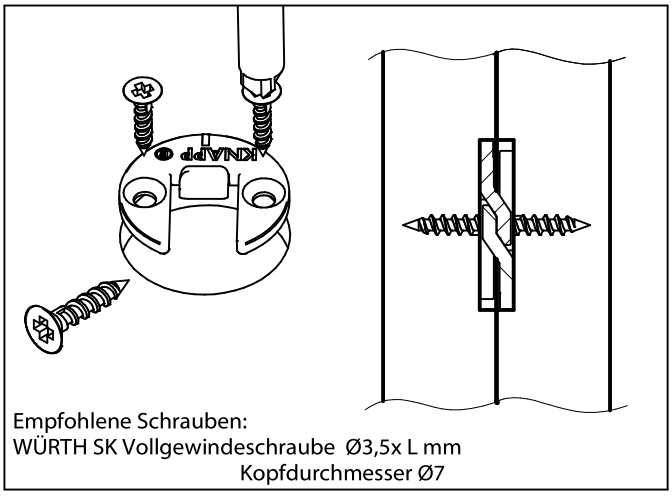
HM-Bohrer mit
Tiefenanschlag
Art.-Nr. Z070

2. Gegenstück körnen



Körner
Art.-Nr. K071

3. Einschrauben und Einhängen



Empfohlene Schrauben:
WÜRTH SK Vollgewindeschraube Ø3,5x L mm
Kopfdurchmesser Ø7

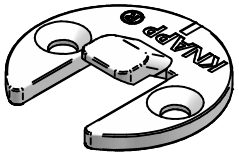
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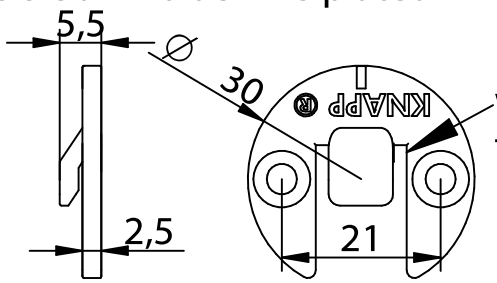
DUO 30 ml



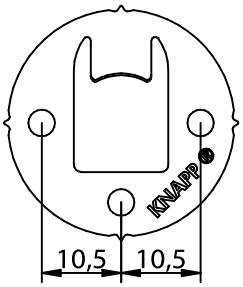
Art.-No. K070

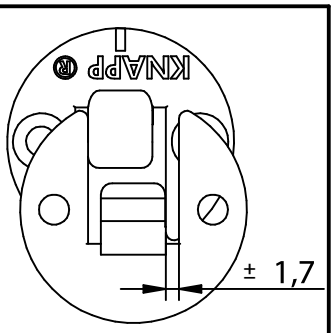
Hook connector

DUO 30 ml blue zinc-plated

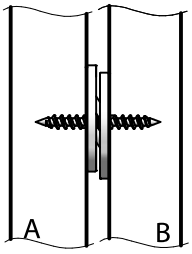


locking clip

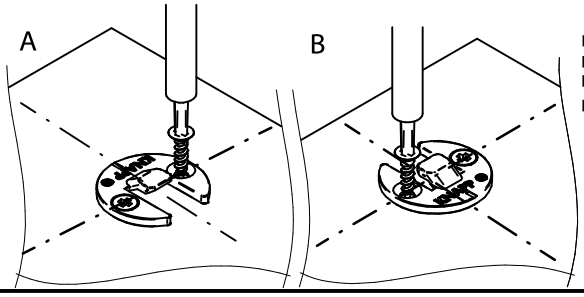




screw on both sides

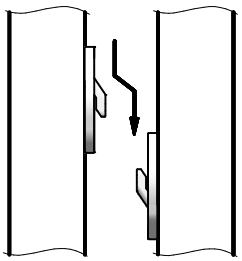


1. Screwing

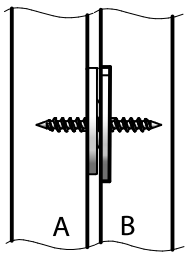


2. To connect

recommended screws:
Knapp CS screw Ø3x 16 mm, Art.-No. K820
Knapp CS screw Ø3x 20 mm, Art.-No. K821
Knapp CS screw Ø3x 25 mm, Art.-No. K822

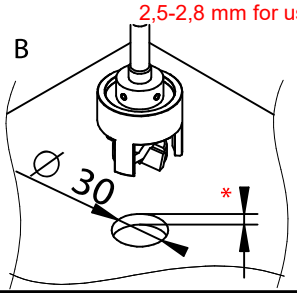


drill on one side

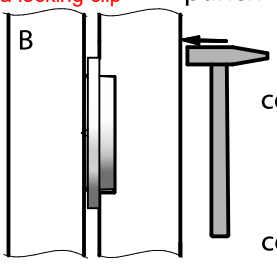


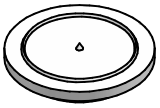
1. Drilling

* Drilling depth
2,9 mm for use with a locking clip
2,5-2,8 mm for use without a locking clip



2. Copy with center punch



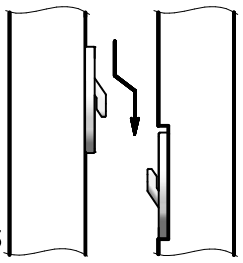


center punch K071

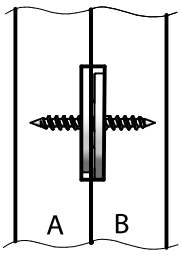


center punch K075

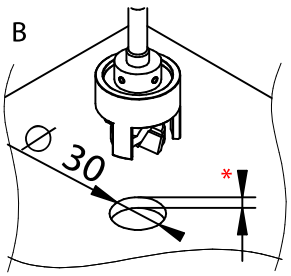
3. Screwing and connect



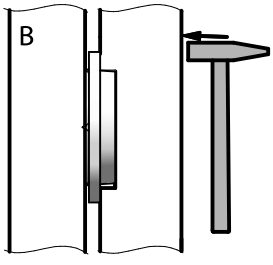
drill on both sides



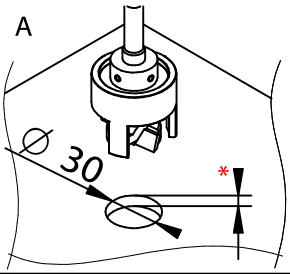
1. Drilling



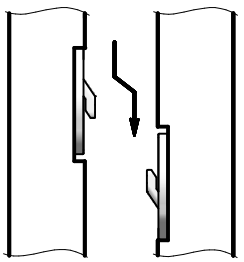
2. Copy



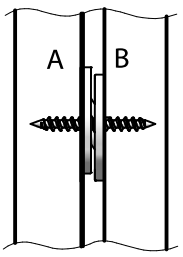
3. Drilling



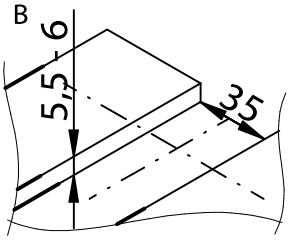
4. Screwing and connect



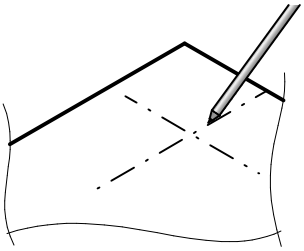
groove on one side



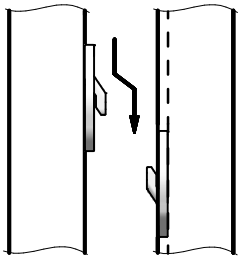
1. Grooving



2. Copy



3. Screwing and connect



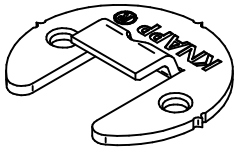
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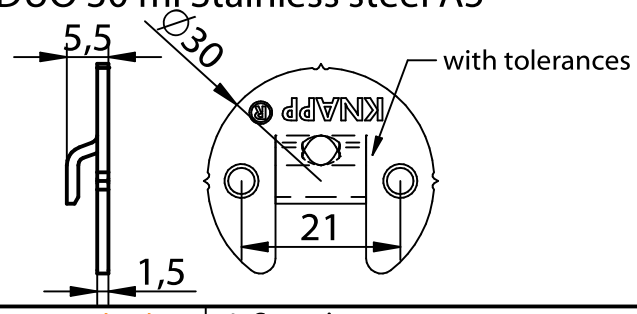
DUO 30 ml Stainless steel A5



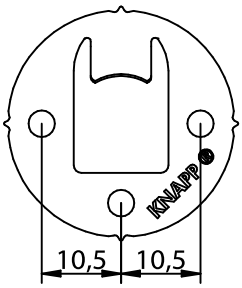
Art.-No. K350

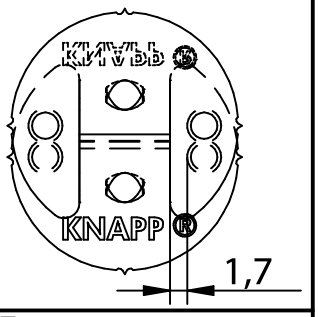
Hook connector

DUO 30 ml Stainless steel A5

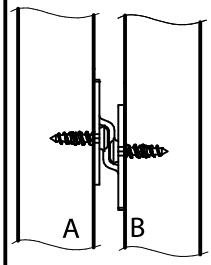


locking clip

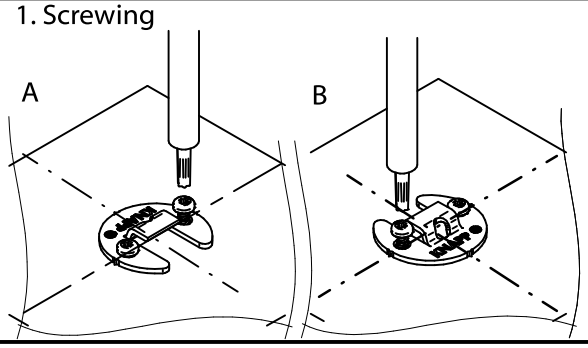




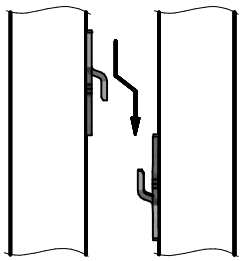
screw on both sides



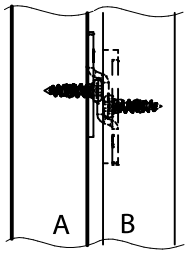
1. Screwing



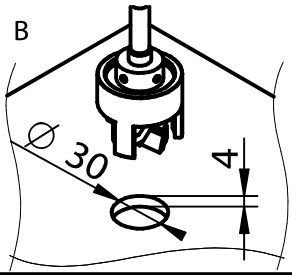
2. To connect



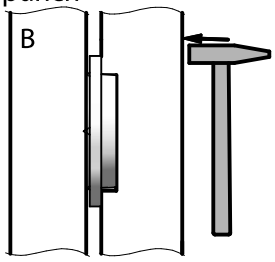
drill on one side

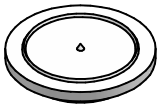


1. Drilling



2. Copy with center punch



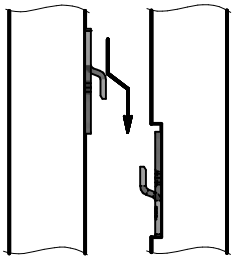


center punch K071

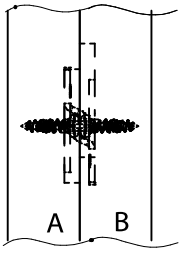


center punch K075

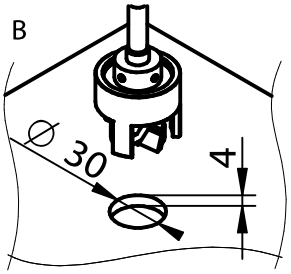
3. Screwing and connect



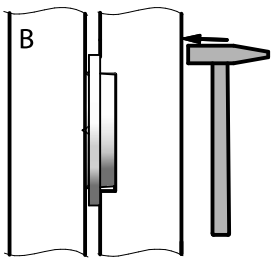
drill on both sides



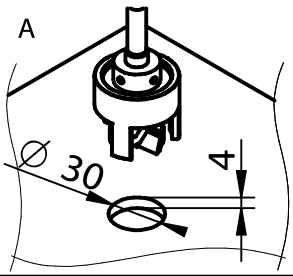
1. Drilling



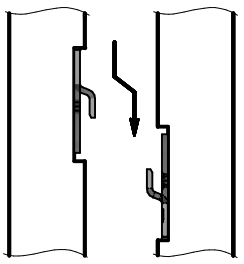
2. Copy



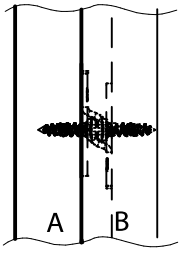
3. Drilling



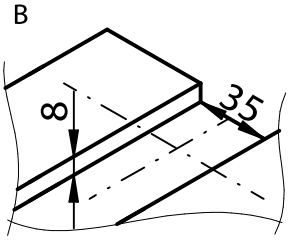
4. Screwing and connect



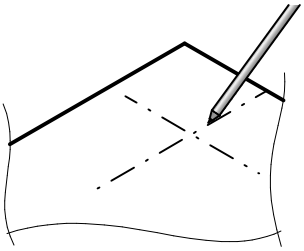
groove on one side



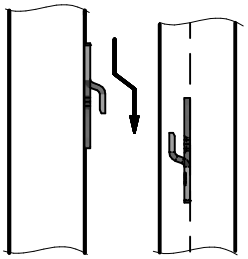
1. Grooving



2. Copy



3. Screwing and connect



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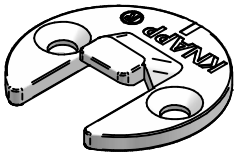
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Construction Manual

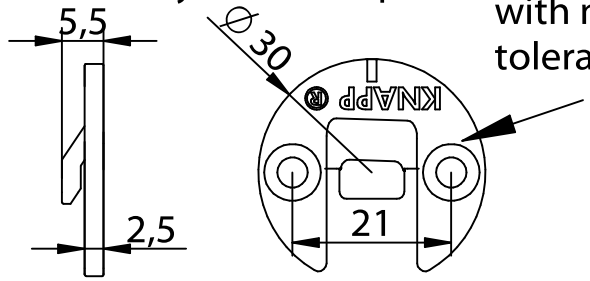
DUO 30 ol

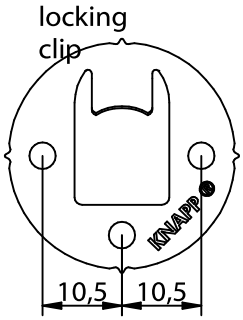
Hook connector

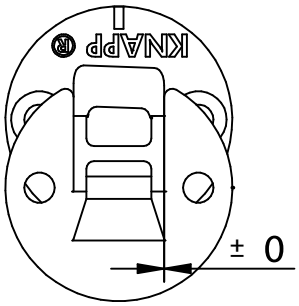


Art.-No. K074

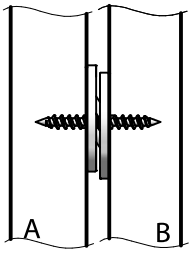
DUO 30 ol yellow zinc-plated with no tolerances



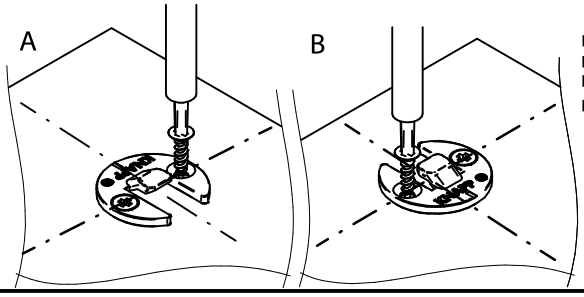




screw on both sides

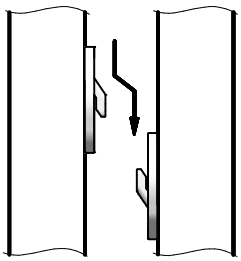


1. Screwing

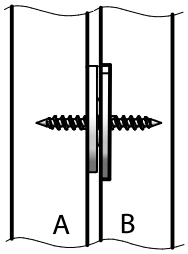


recommended screws:
Knapp CS screw Ø3x 16 mm, Art.-No. K820
Knapp CS screw Ø3x 20 mm, Art.-No. K821
Knapp CS screw Ø3x 25 mm, Art.-No. K822

2. To connect

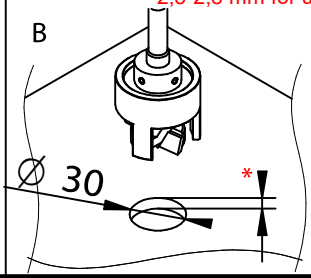


drill on one side

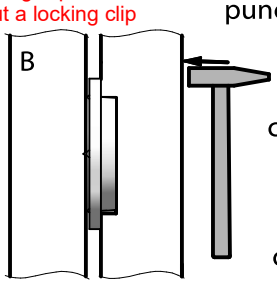


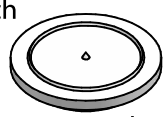
1. Drilling

* Drilling depth
2,9 mm for use with a locking clip
2,5-2,8 mm for use without a locking clip



2. Copy with center punch



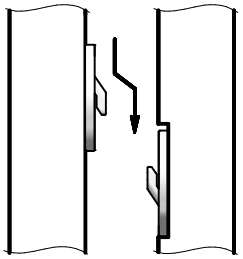


center punch K071

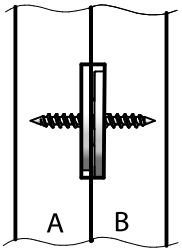


center punch K075

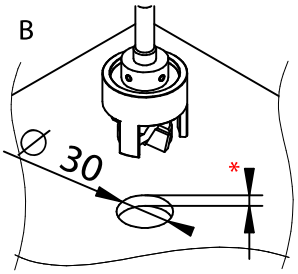
3. Screwing and connect



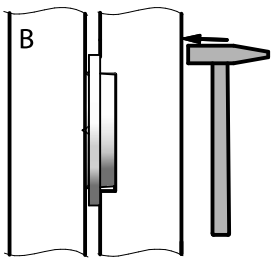
drill on both sides



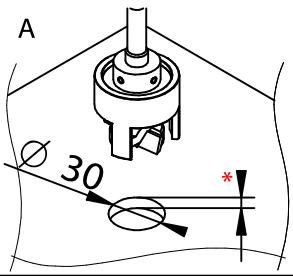
1. Drilling



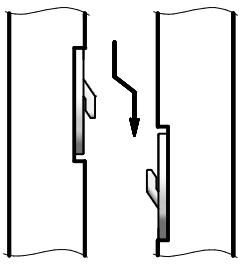
2. Copy



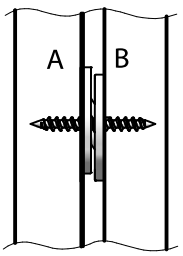
3. Drilling



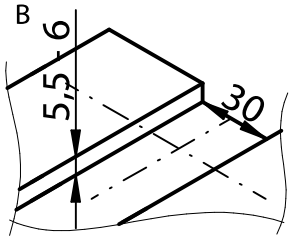
4. Screwing and connect



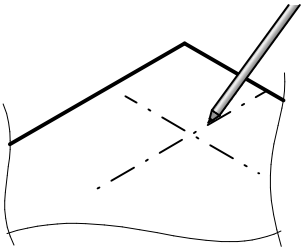
groove on one side



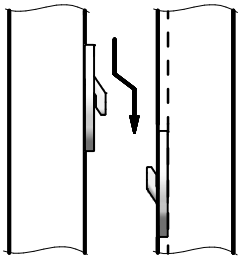
1. Grooving



2. Copy



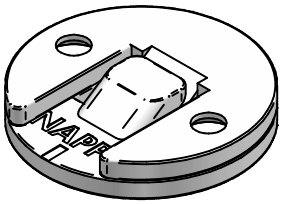
3. Screwing and connect



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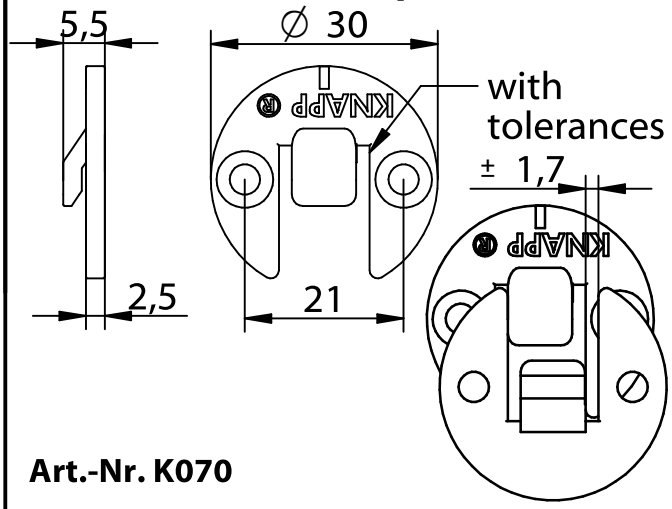


Construction Manual

DUO 30 ml/ol

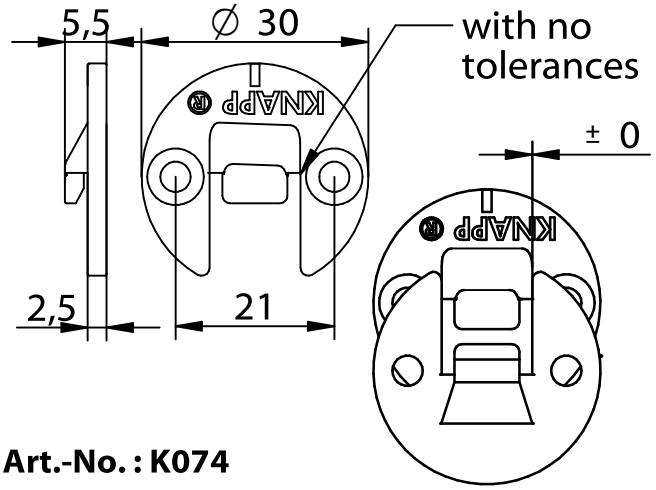
Hook connector

DUO 30 ml blue zinc-plated



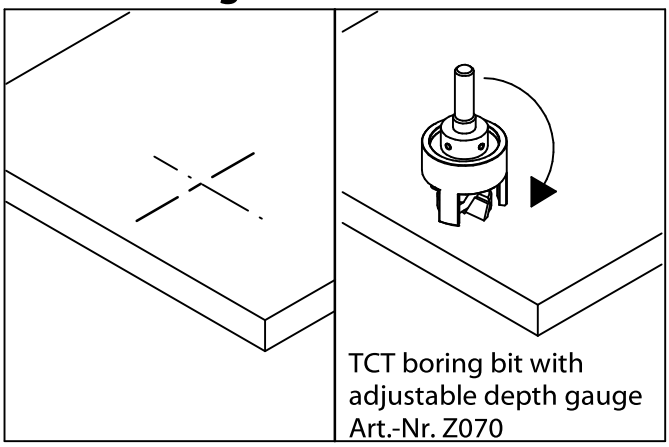
Art.-Nr. K070

DUO 30 ol yellow zinc-plated



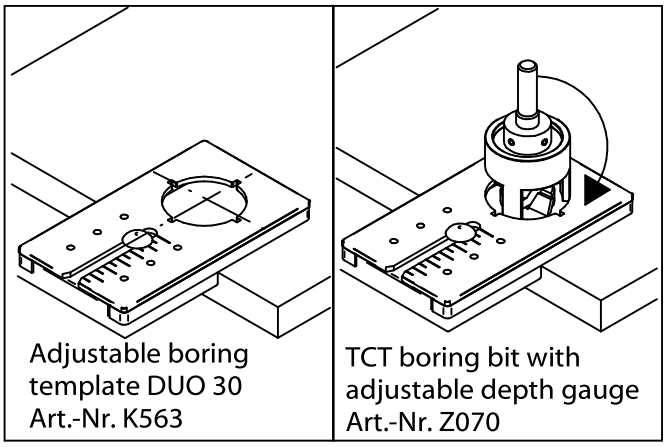
Art.-No. : K074

1. DUO 30 drilling (3 mm depth) according to mark



TCT boring bit with
adjustable depth gauge
Art.-Nr. Z070

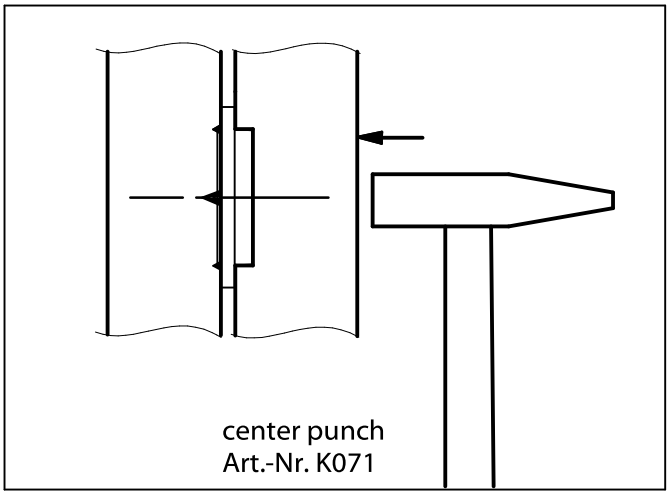
1. Adjust the drilling jig and drilling 3 mm depth



Adjustable boring
template DUO 30
Art.-Nr. K563

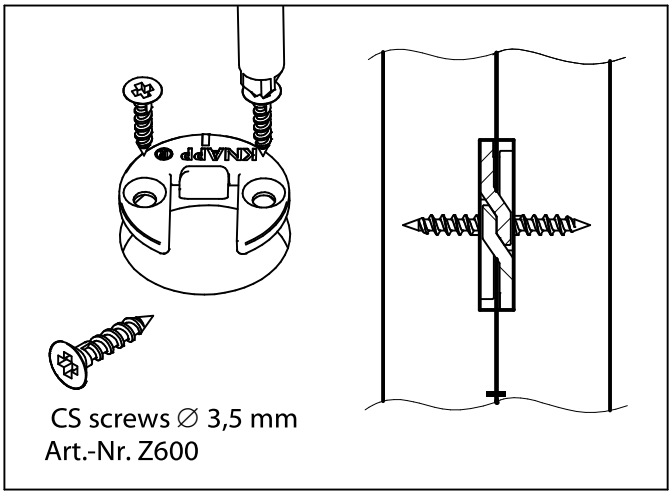
TCT boring bit with
adjustable depth gauge
Art.-Nr. Z070

2. Copy with center punch



center punch
Art.-Nr. K071

3. Screwing and connect

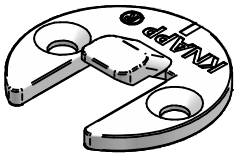


CS screws ∅ 3,5 mm
Art.-Nr. Z600

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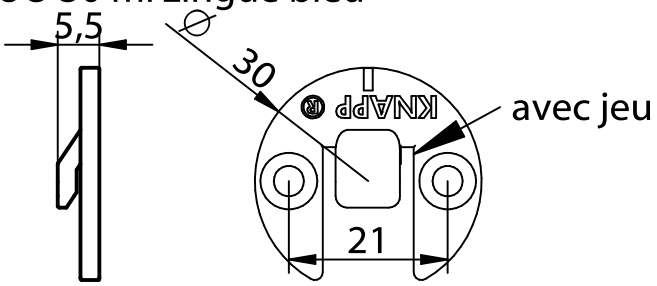
Notice de montage

DUO 30 ml

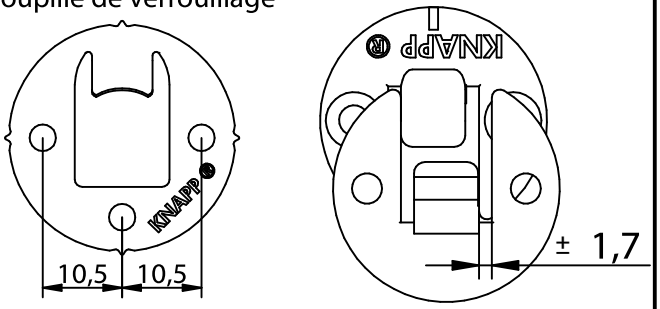
Système d'accroche

Réf. K070

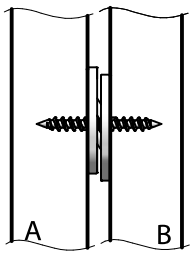
DUO 30 ml zingué bleu



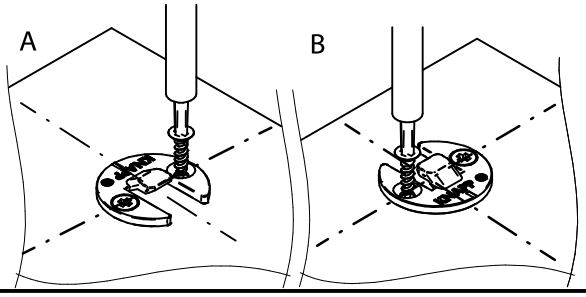
goupille de verrouillage



VARIANTE A



1. Visser



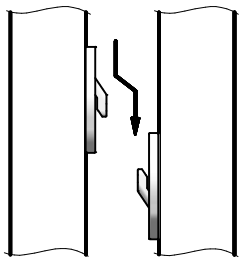
Vis recommandées :

Vis CS Knapp Ø 3 × 16 mm, réf. K820

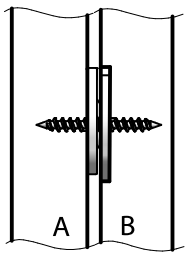
Vis CS Knapp Ø 3 × 20 mm, réf. K821

Vis CS Knapp Ø 3 × 25 mm, réf. K822

2. Accrocher

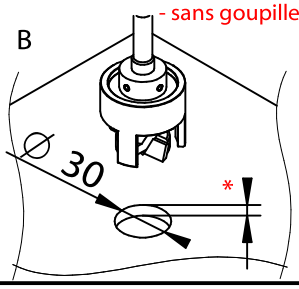


VARIANTE B

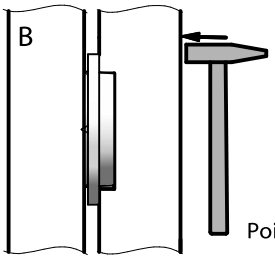


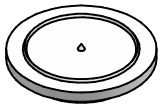
1. Percer

* Prof. de perçage :
- avec goupille de verrouillage : 2,9 mm
- sans goupille : 2,5 à 2,8 mm



2. Pointer



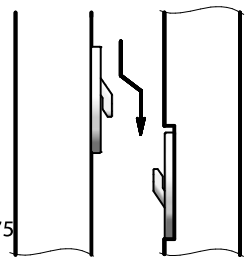


Pointeur K071

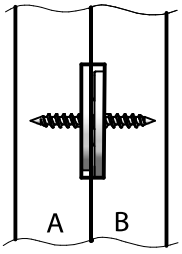


Pointeur double K075

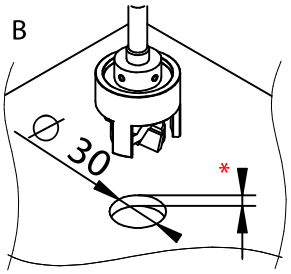
3. Visser et accrocher



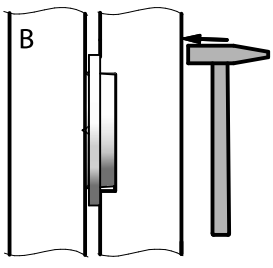
VARIANTE C



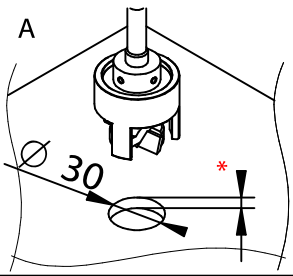
1. Percer



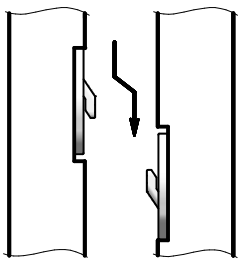
2. Pointer



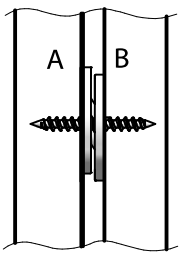
3. Percer



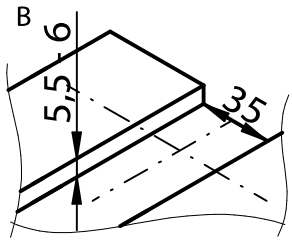
4. Visser et accrocher



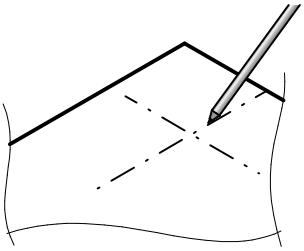
VARIANTE D



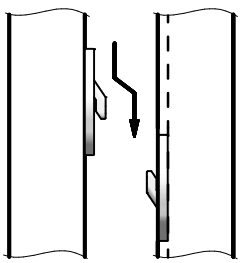
1. Rainurer



2. Pointer



3. Visser et accrocher



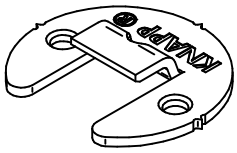
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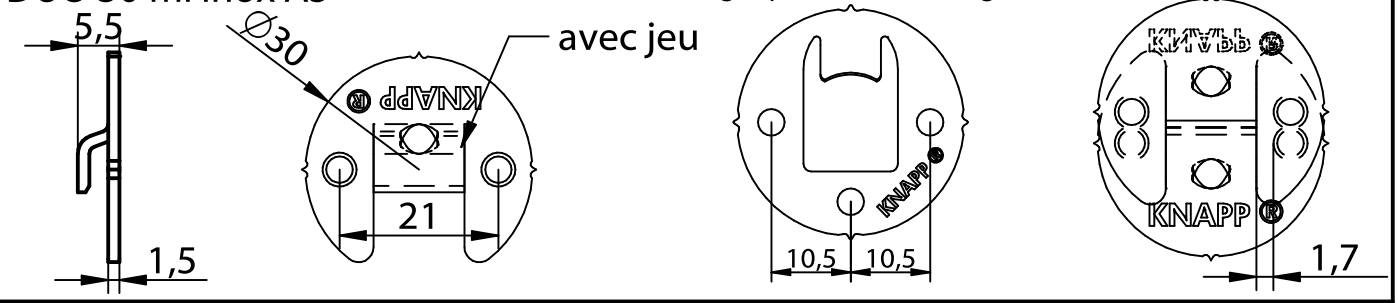
Notice de montage

DUO 30 ml inox A5

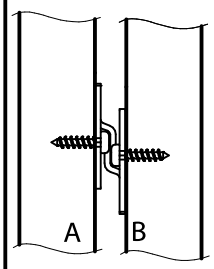


Réf. K350

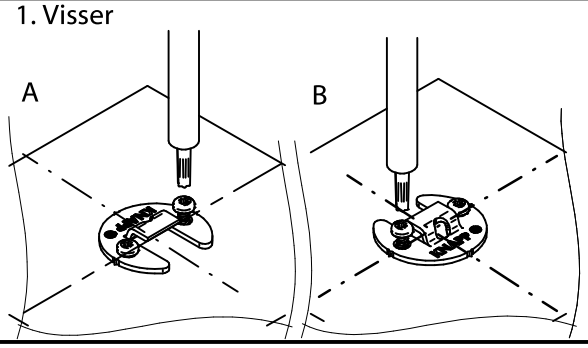
Système d'accroche



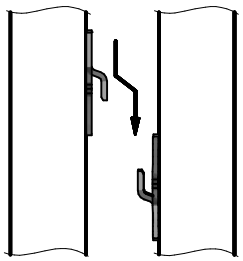
VARIANTE A



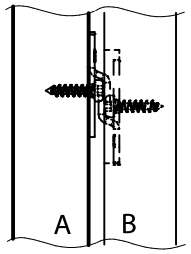
1. Visser



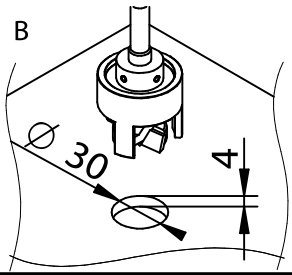
2. Accrocher



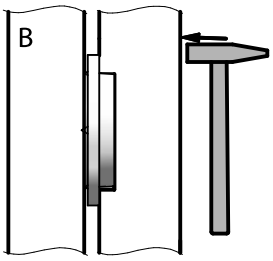
VARIANTE B

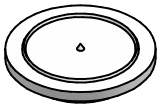


1. Percer



2. Pointer



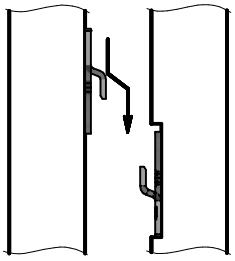


Pointeur K071

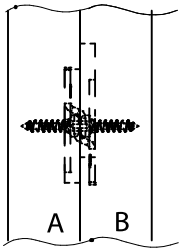


Pointeur double K075

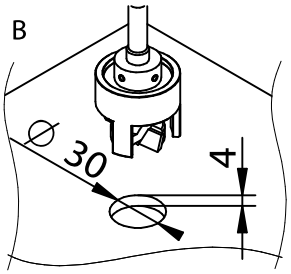
3. Visser et accrocher



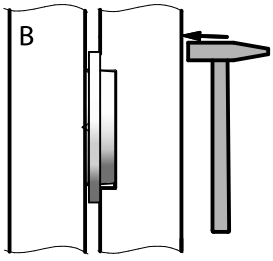
VARIANTE C



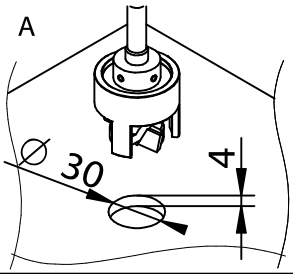
1. Percer



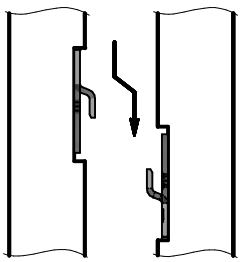
2. Pointer



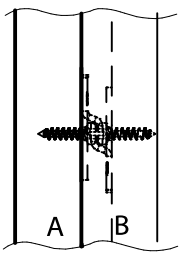
3. Percer



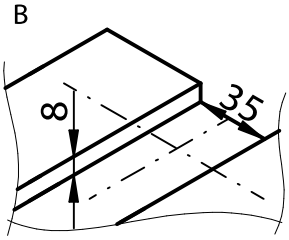
4. Visser et accrocher



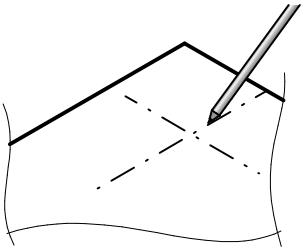
VARIANTE D



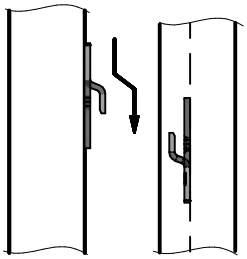
1. Rainurer



2. Pointer



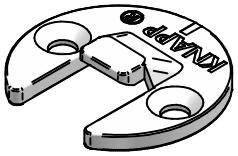
3. Visser et accrocher



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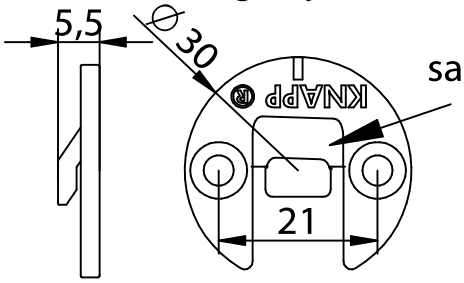
Notice de montage

DUO 30 ol

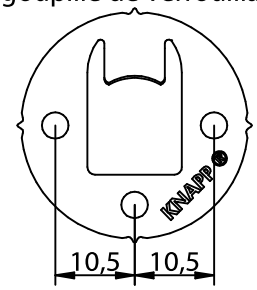
Réf. K074

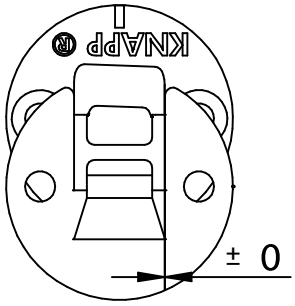
Système d'accroche

DUO 30 ol zingué jaune

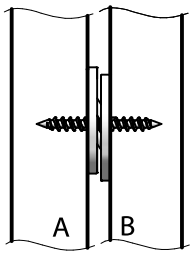


goupille de verrouillage

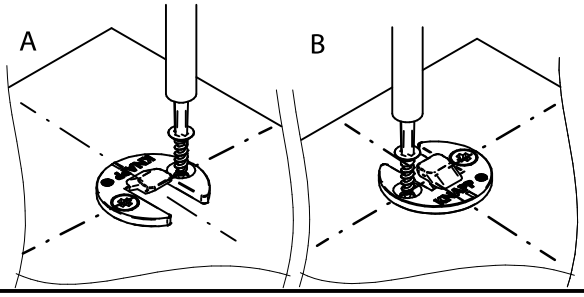




VARIANTE A



1. Visser



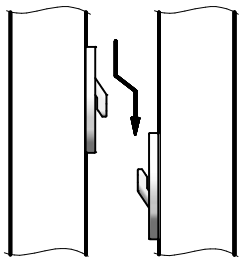
Vis recommandées :

Vis CS Knapp Ø 3 × 16 mm, réf. K820

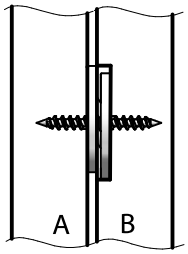
Vis CS Knapp Ø 3 × 20 mm, réf. K821

Vis CS Knapp Ø 3 × 25 mm, réf. K822

2. Accrocher

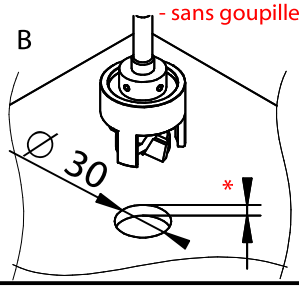


VARIANTE B

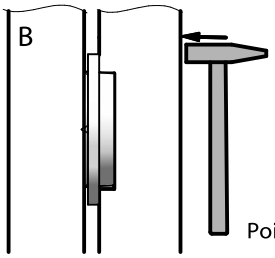


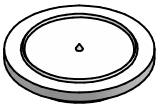
1. Percer

* Prof. de perçage :
- avec goupille de verrouillage : 2,9 mm
- sans goupille : 2,5 à 2,8 mm



2. Pointer



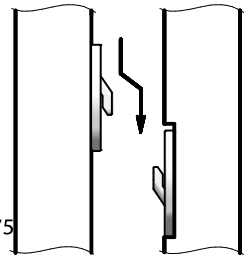


Pointeur K071

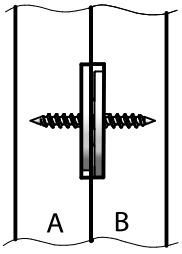


Pointeur double K075

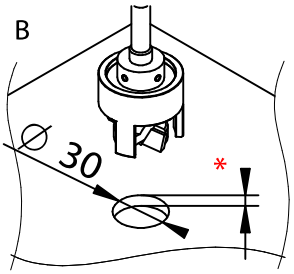
3. Visser et accrocher



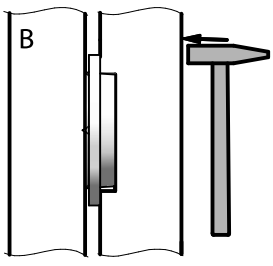
VARIANTE C



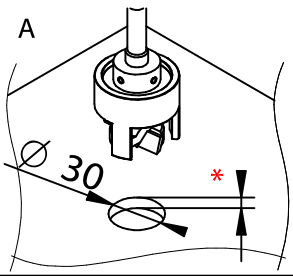
1. Percer



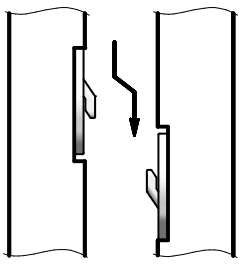
2. Pointer



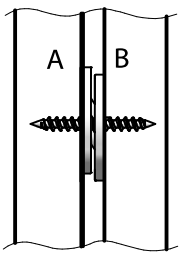
3. Percer



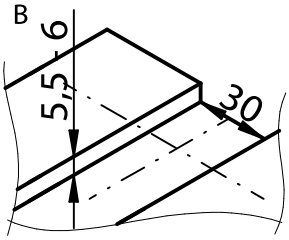
4. Visser et accrocher



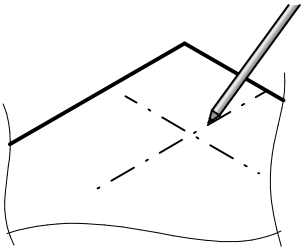
VARIANTE D



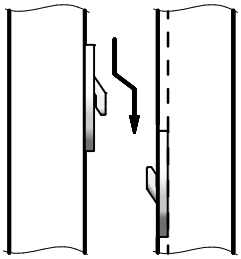
1. Rainurer



2. Pointer



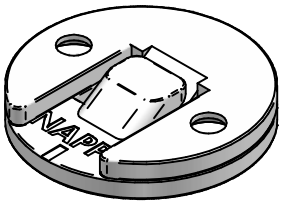
3. Visser et accrocher



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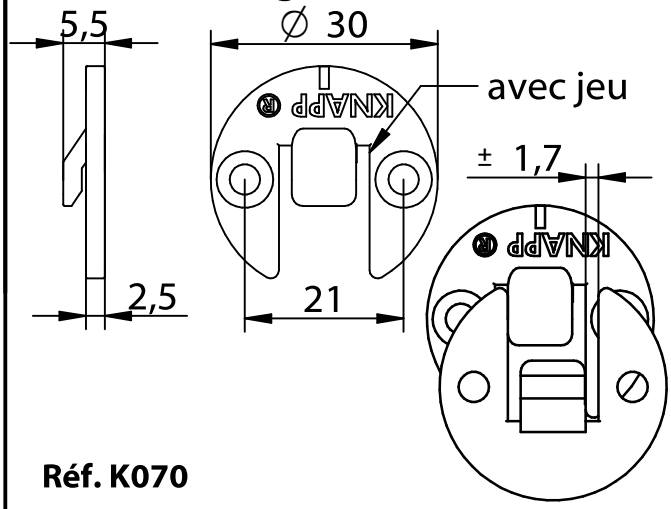


Notice de montage

DUO 30 ml/ol

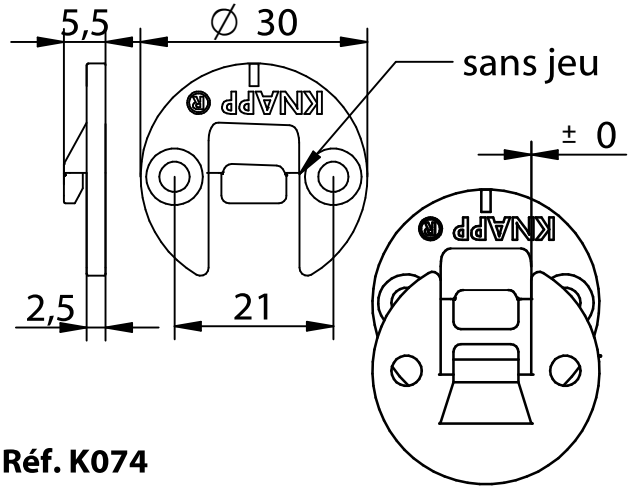
Système d'accroche

DUO 30 ml zingué bleu



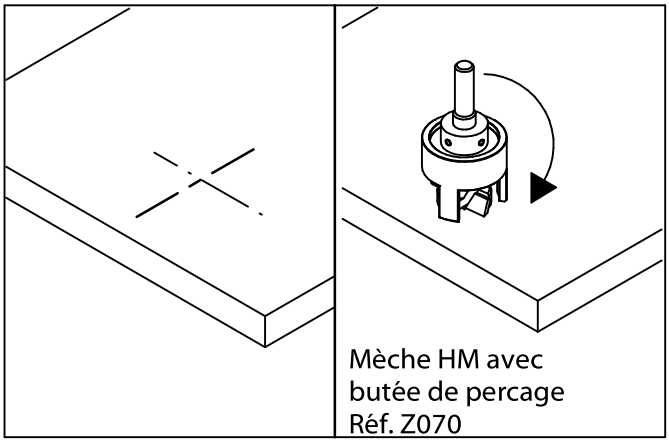
Réf. K070

DUO 30 ol zingué jaune



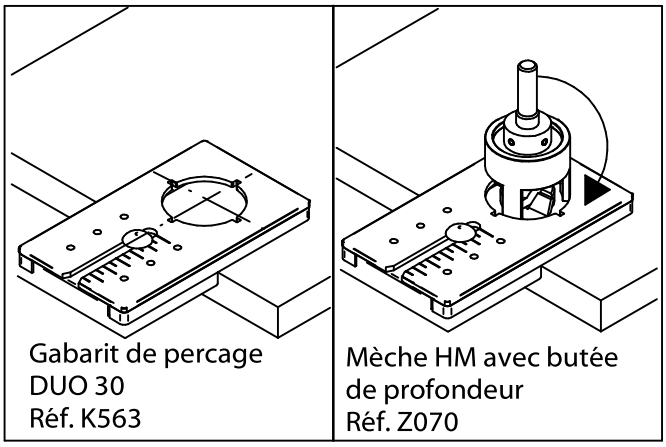
Réf. K074

1. Définir la position de DUO 30 et percer



Mèche HM avec butée de percage
Réf. Z070

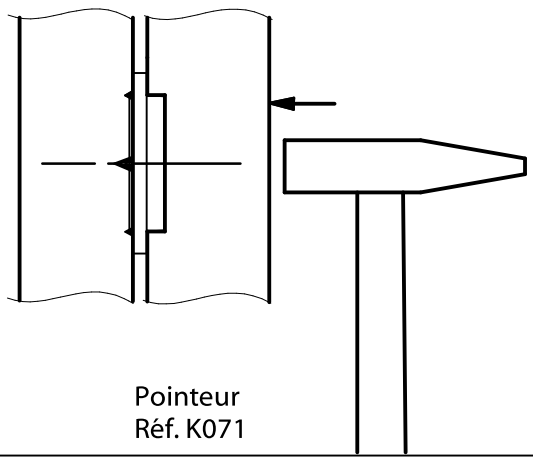
1. Régler le gabarit et percer



Gabarit de percage DUO 30
Réf. K563

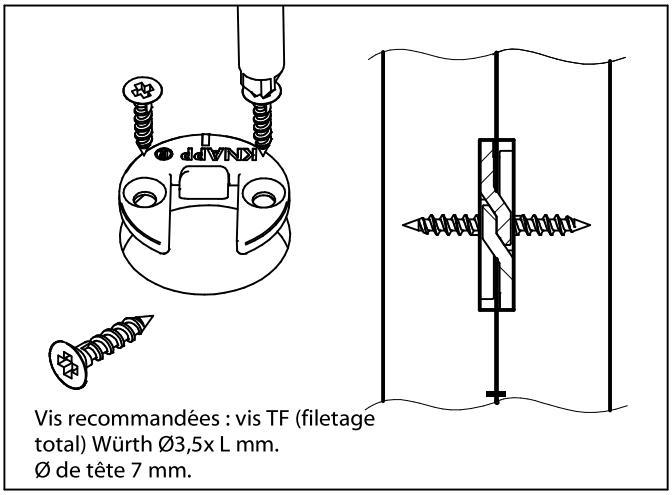
Mèche HM avec butée de profondeur
Réf. Z070

2. Pointer la pièce opposée



Pointeur
Réf. K071

3. Visser et emboiter



Vis recommandées : vis TF (filetage total) Würth Ø3,5x L mm.
Ø de tête 7 mm.

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