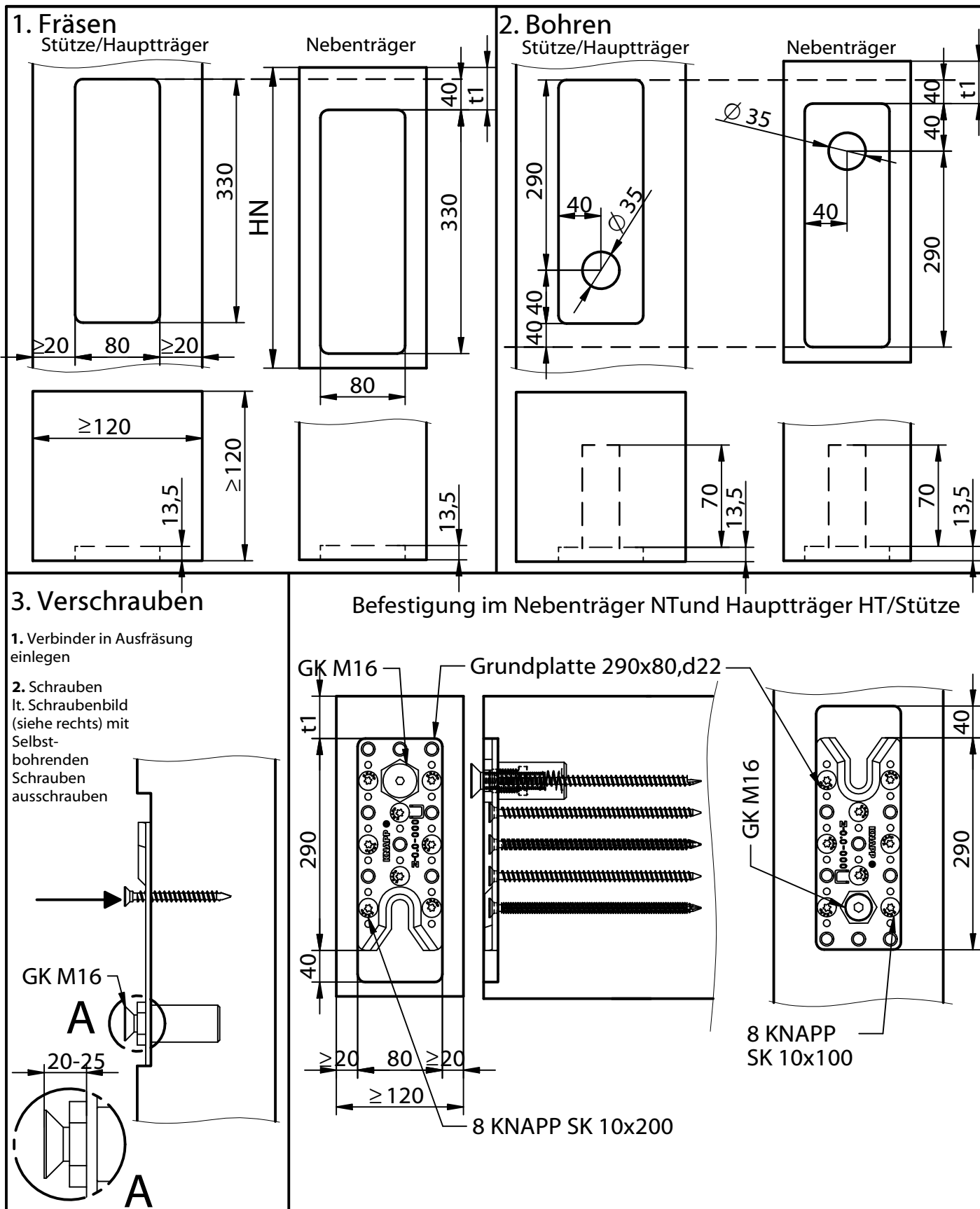


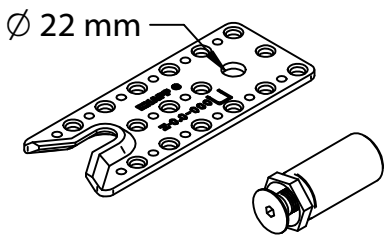
Art.-Nr. K145

Ausfräsung im Haupt- und Nebenträger



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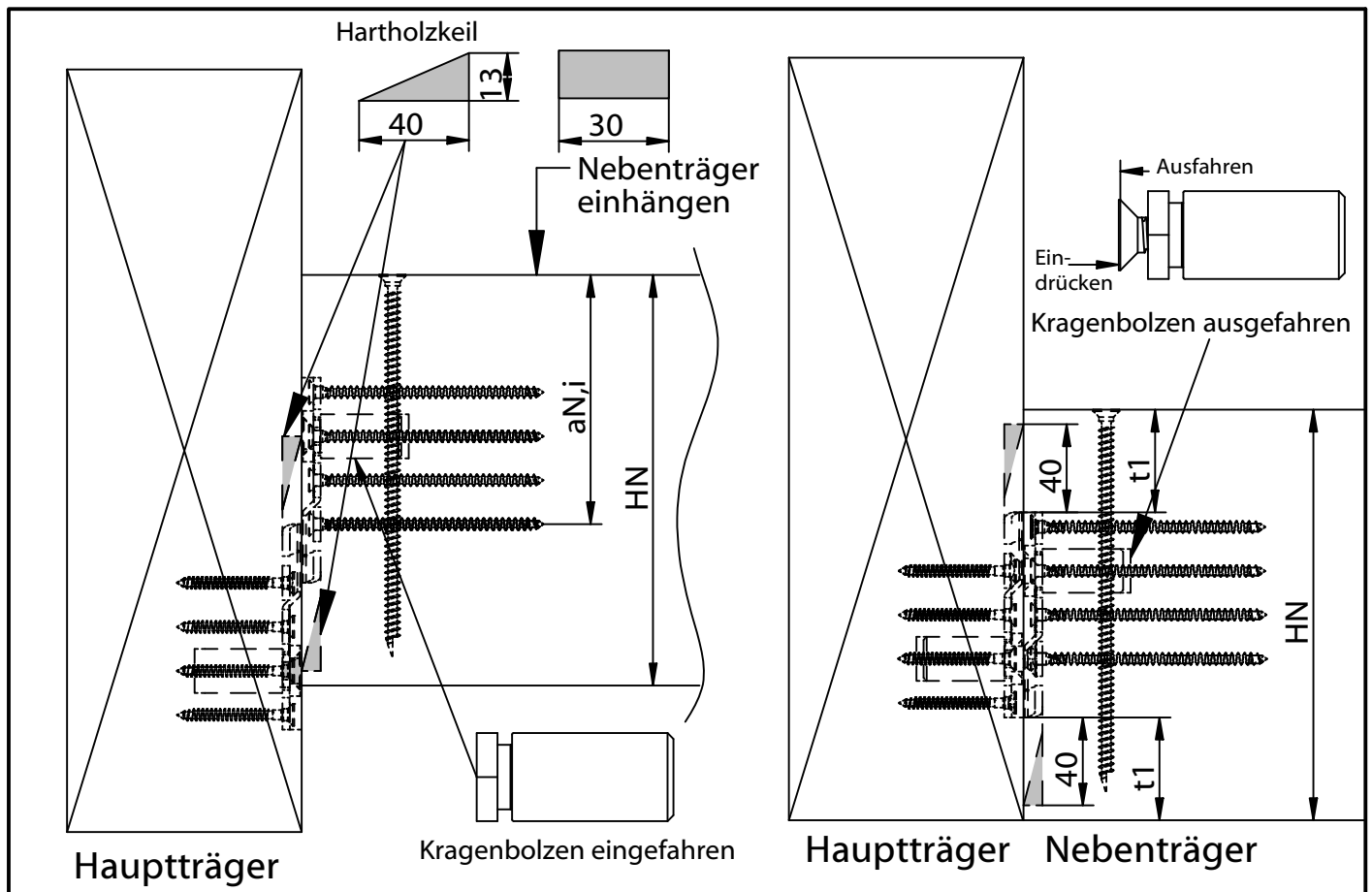
Montageanleitung RICON® S 290/80 GK22

Gefederter Kragenbolzen



Art.-Nr. K145

Ausfräsung im Haupt- und Nebenträger



Hauptträger

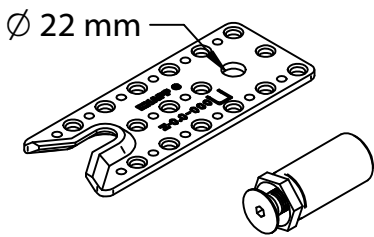
Kragenbolzen eingefahren

Hauptträger Nebenträger

| Nebenträger- höhe | Randabstad t_1 in Abhängigkeit der Nebenträgerhöhe H_N | | | |
|----------------------|--|----------------|----------------|----------------|
| | RICON S 200x80 | RICON S 230x80 | RICON S 260x80 | RICON S 290x80 |
| H_N | Abstand t_1 | Abstand t_1 | Abstand t_1 | Abstand t_1 |
| [mm] | [mm] | [mm] | [mm] | [mm] |
| 300 | 50 | - | - | - |
| 320 | 60 | - | - | - |
| 360 | 80 | 65 | 50 | - |
| 400 | - | 85 | 70 | 55 |
| 440 | - | - | 90 | 75 |
| 480 | - | - | - | 95 |
| 520 | - | - | - | 115 |

Wichtiger Hinweis:

Nach Bauzulassung Z-9.1-698 (siehe auch DIN 1052, 11.4.3 bzw. EN 1995-1-1 und NAD) muss bei einem Verhältnis $aN_i / HN \leq 0,7$ ein Querkugnachweis vom Statiker durchgeführt werden. Eine Querkugverstärkung des Nebenträgers mit Vollgewindeschrauben ist möglich.



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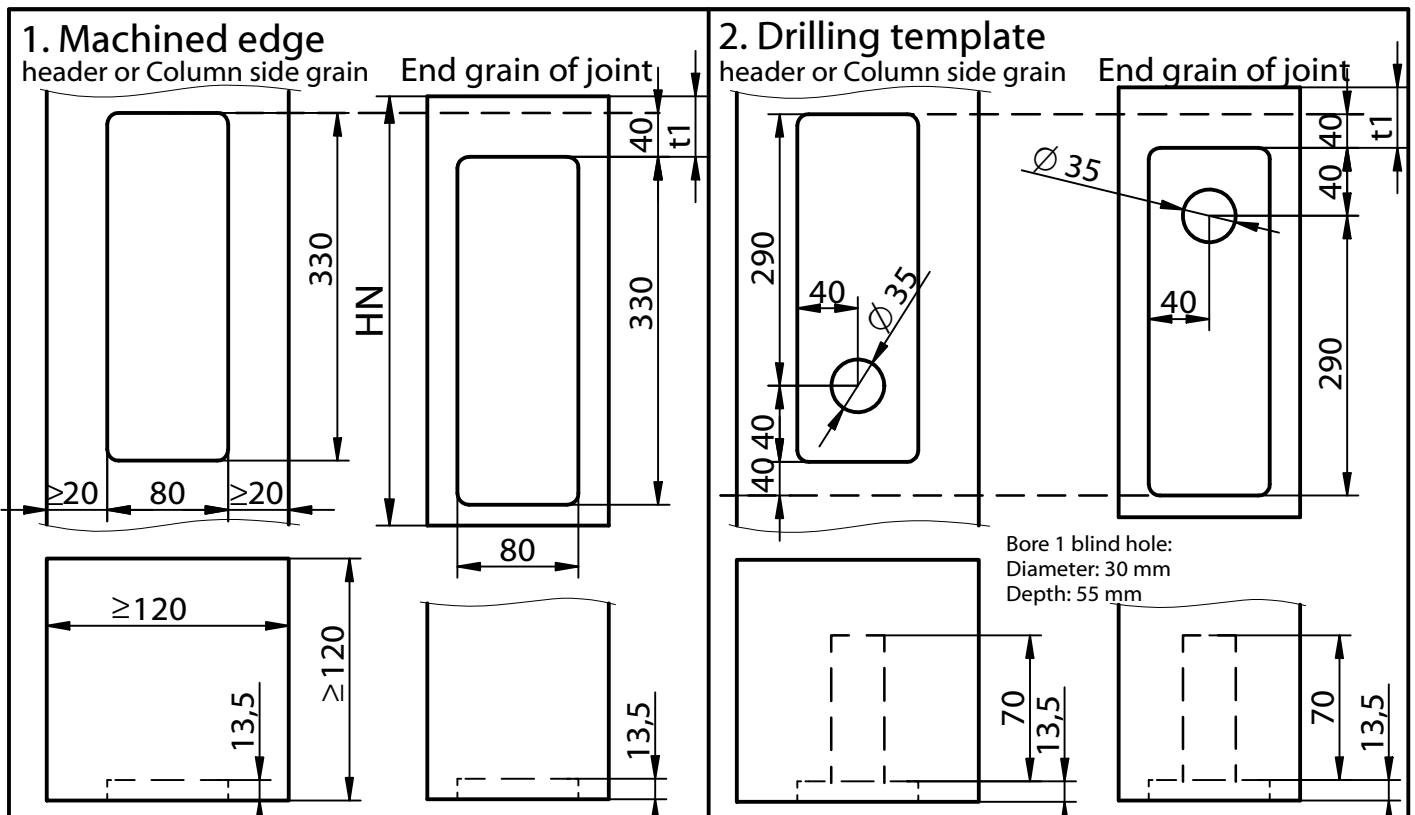
Spring retaining screw collar bolt



ETA-10/0189

Art.-No. K145

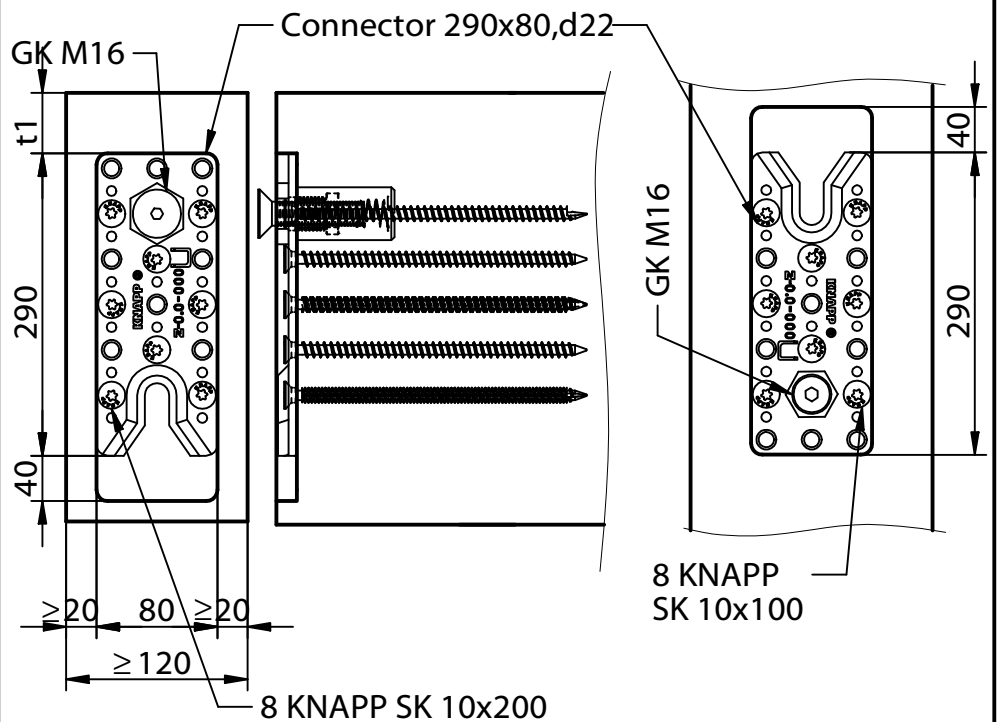
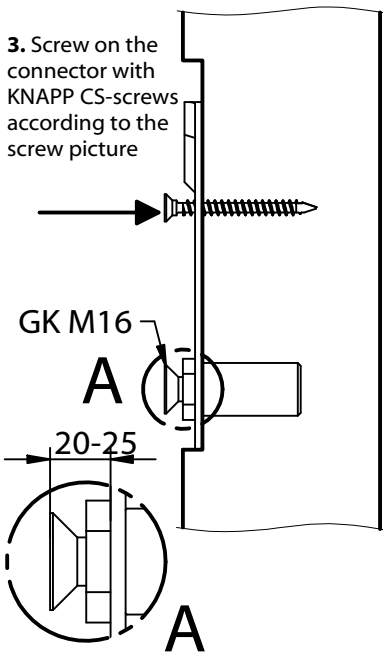
Machined edge of the joint and header



3. Screwing:

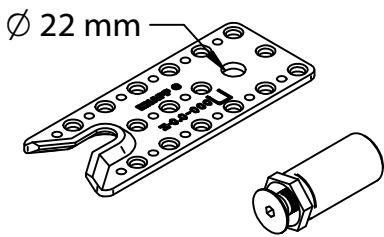
1. Fasten socket head screw with coupling nut and jam nut to the connector
2. Screw on the connector with full thread CS-screws in the holes provided
3. Screw on the connector with KNAPP CS-screws according to the screw picture

Screw picture for joint and header or column



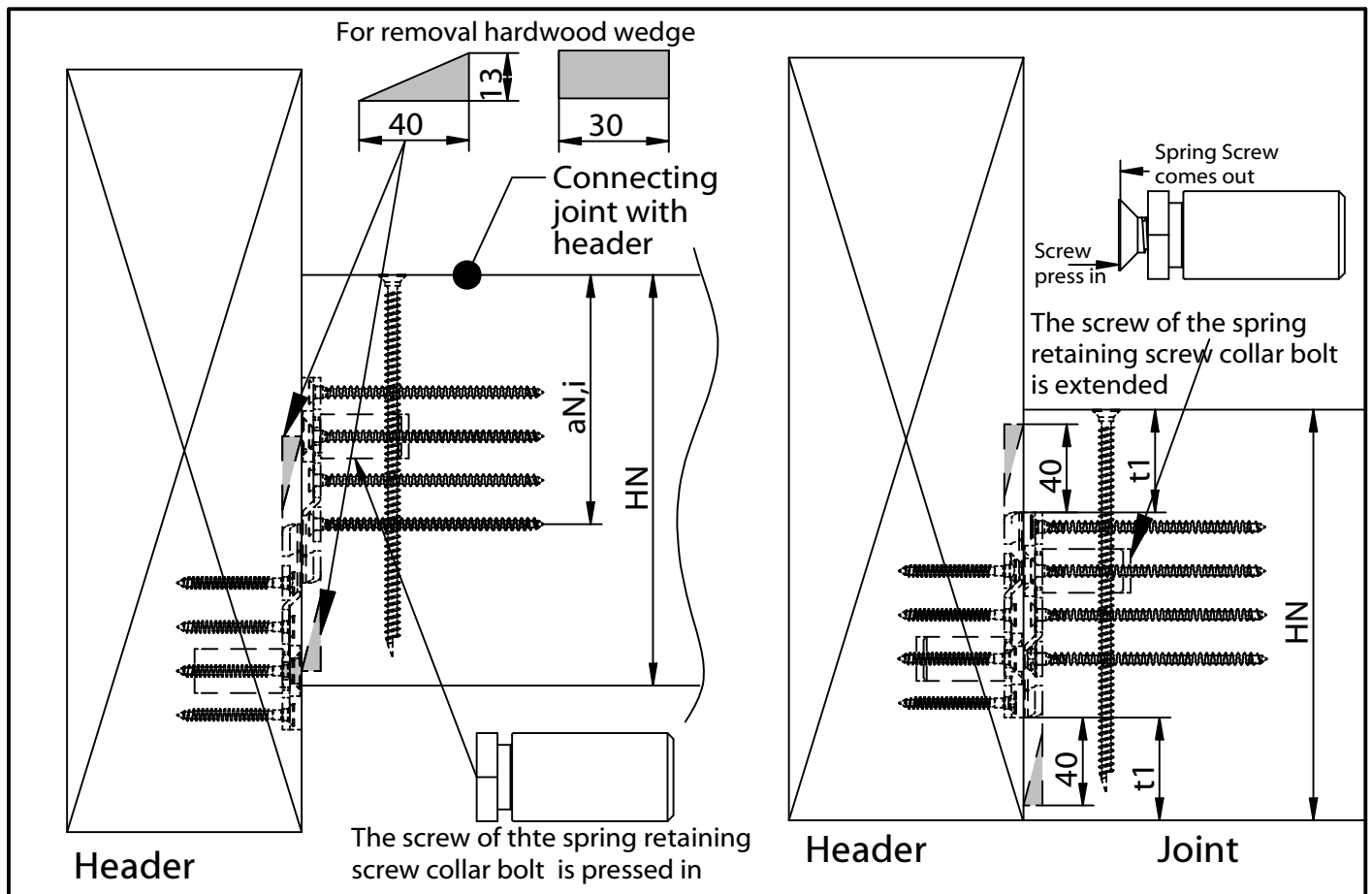
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Art.-No. K145

Machined edge of the joint and header



Header

The screw of the spring retaining screw collar bolt is pressed in

Header

Joint

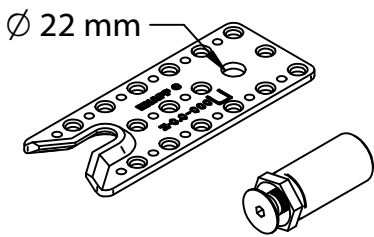
| Secondary beam height | Edge distance t_1 in reference of height H_N of secondary beam | | | |
|-----------------------|--|----------------|----------------|----------------|
| | RICON S 200x80 | RICON S 230x80 | RICON S 260x80 | RICON S 290x80 |
| H_N | Distance t_1 | Distance t_1 | Distance t_1 | Distance t_1 |
| [mm] | [mm] | [mm] | [mm] | [mm] |
| 300 | 50 | - | - | - |
| 320 | 60 | - | - | - |
| 360 | 80 | 65 | 50 | - |
| 400 | - | 85 | 70 | 55 |
| 440 | - | - | 90 | 75 |
| 480 | - | - | - | 95 |
| 520 | - | - | - | 115 |

Important Information:

Provided that $aN_i > 0,7 H_N$ or the splitting of the ancillary load bearing element is prevented by a transverse tension reinforcement element with self-sinking full-thread screws in accordance with general construction supervisory approval, the proof of transverse tension on ancillary load-bearing members may be waived. Please contact a structural engineer, who has to proof the tensile strength perpendicular to the grain (see ConstructionSupervisory Approval Z-9.1-698 or EN 1995-1-1 and NAD).

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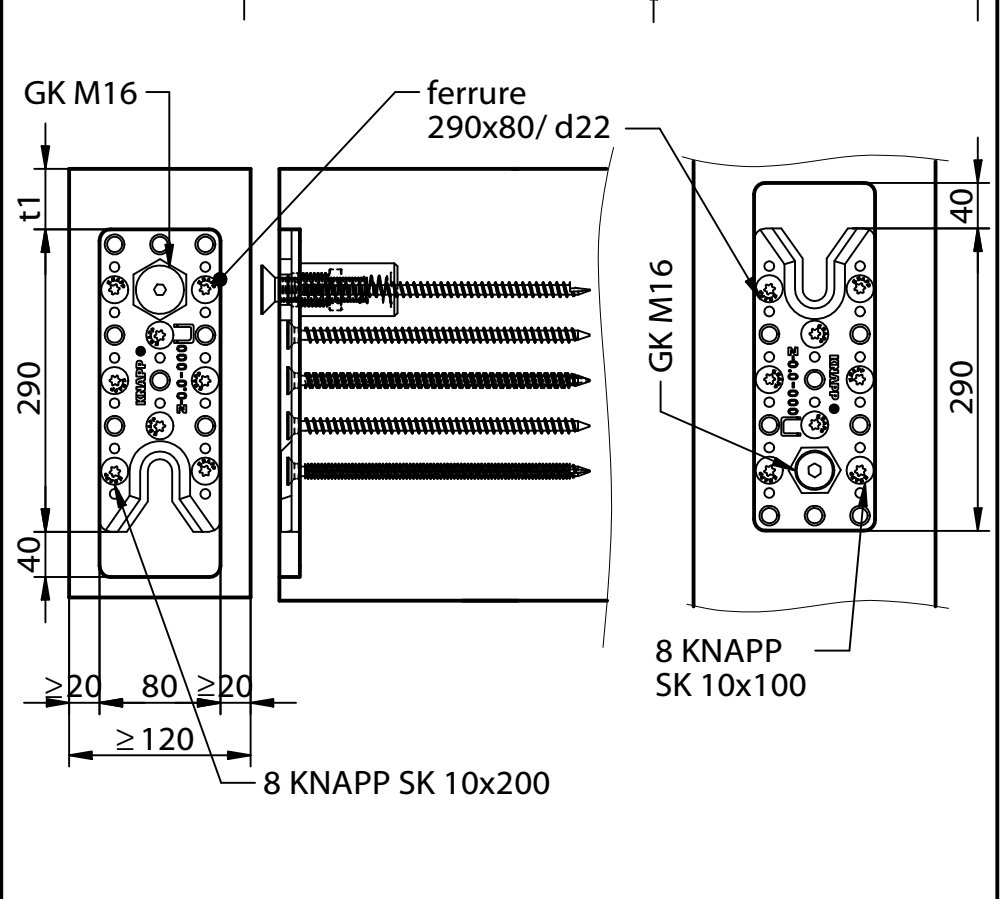
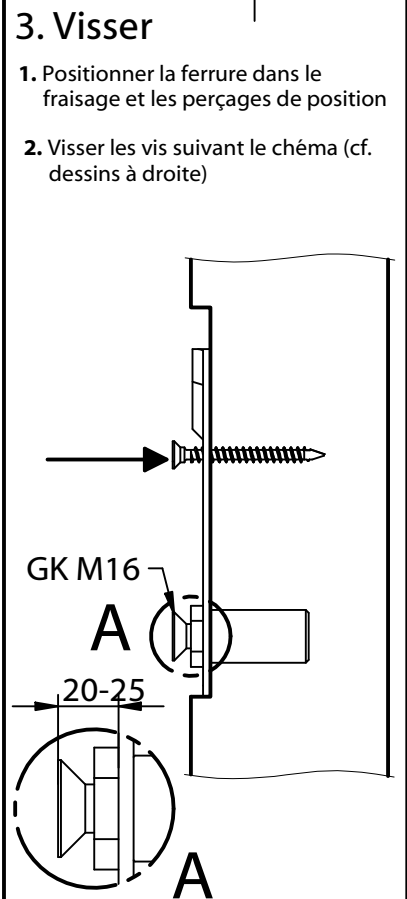
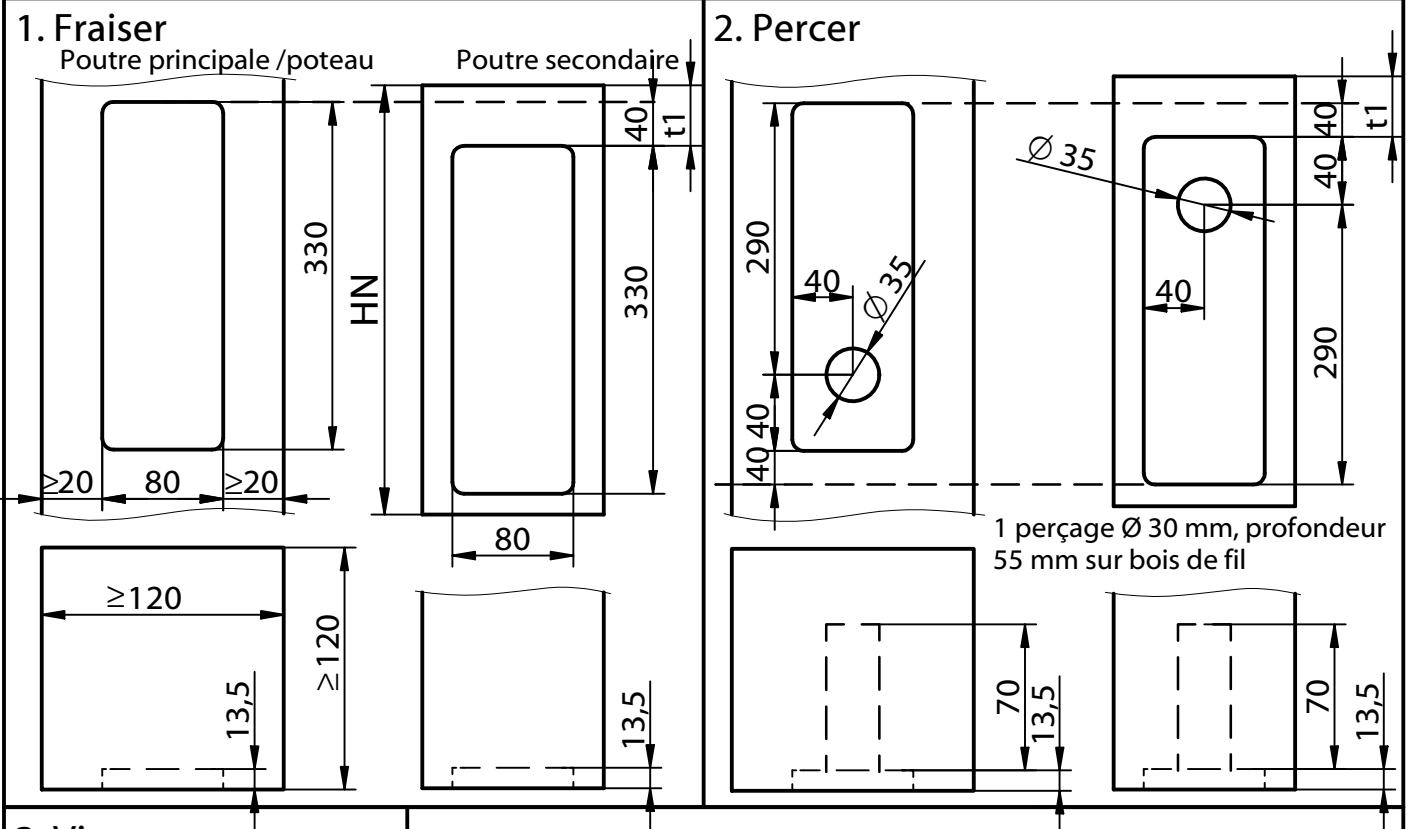
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Insert à ressort avec vis d'accroche



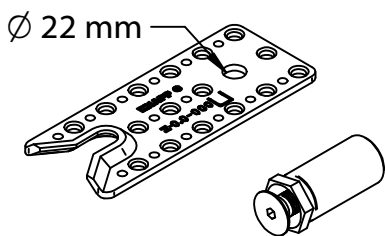
ETA-10/0189

Réf. K145 Encastrement sur la poutre principale et poutre secondaire



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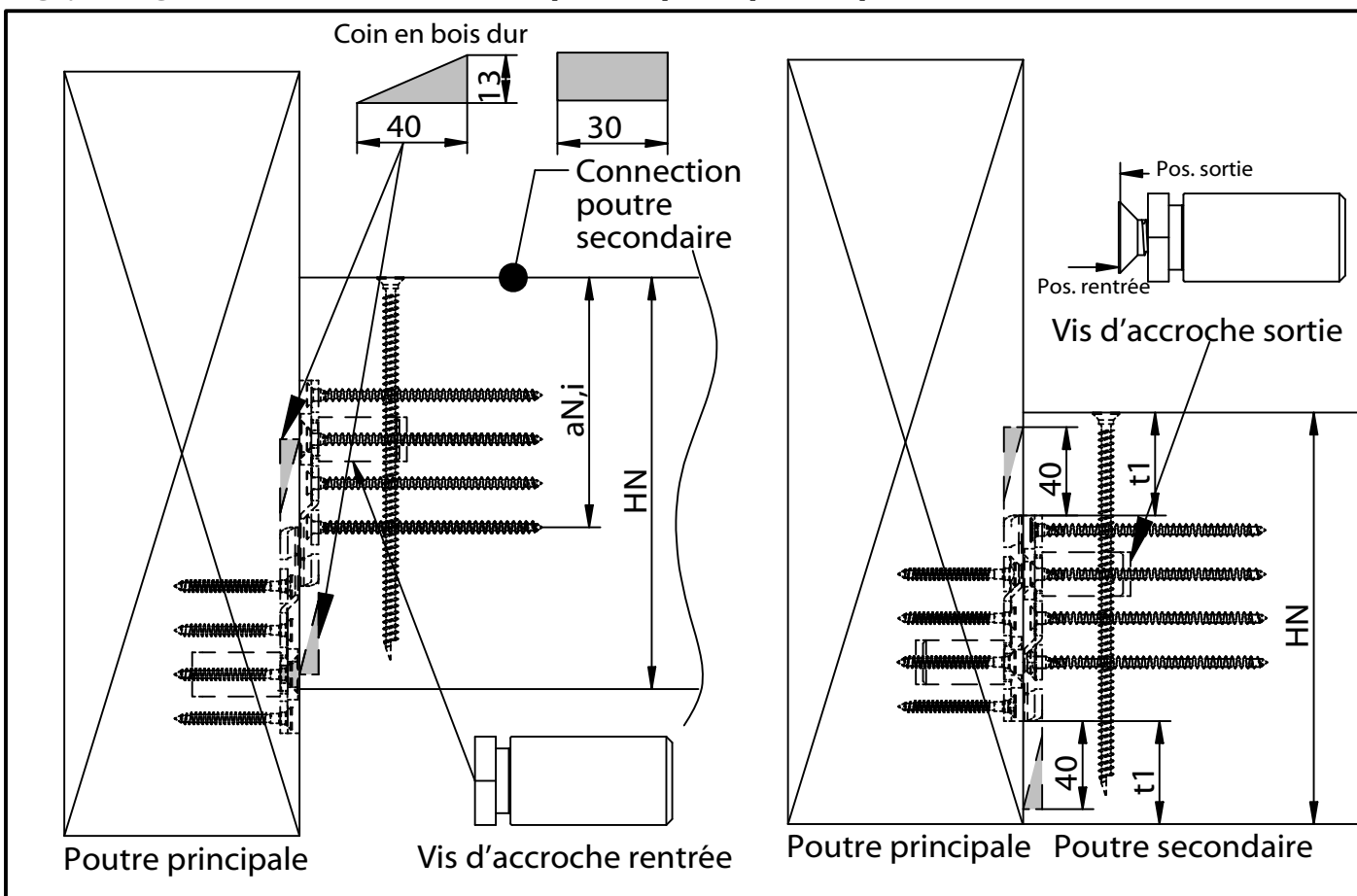
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Insert à ressort avec vis d'accroche



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Réf. K145 Encastrement sur la poutre principale et poutre secondaire



| Hauteur de poutre secondaire H_N | Distance du bord t_1 en relation avec la hauteur de la poutre secondaire H_N | | | |
|---------------------------------------|--|------------------------|------------------------|------------------------|
| | RICON S 200x80 | RICON S 230x80 | RICON S 260x80 | RICON S 290x80 |
| [mm] | Distance t_1 [mm] | Distance t_1 [mm] | Distance t_1 [mm] | Distance t_1 [mm] |
| 300 | 50 | - | - | - |
| 320 | 60 | - | - | - |
| 360 | 80 | 65 | 50 | - |
| 400 | - | 85 | 70 | 55 |
| 440 | - | - | 90 | 75 |
| 480 | - | - | - | 95 |
| 520 | - | - | - | 115 |

Remarque importante:

Dans le cas où la hauteur de la poutre secondaire est plus faible qu'indiqué ci-dessus, il est nécessaire de faire effectuer un calcul de contrôle de résistance statique par un ingénieur compétent. Une section plus faible peut en outre être renforcée par des vis de renfort traversant!

Le dimensionnement des vis de renfort est à déterminer par un ingénieur.
(EN 1995-1-1, NAD et DIN 1052,11.4.3)