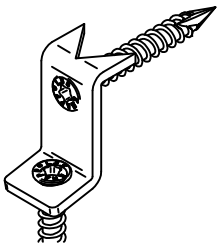
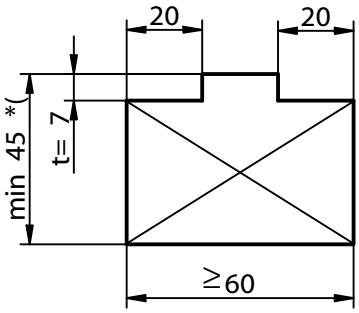


Instruction Manual

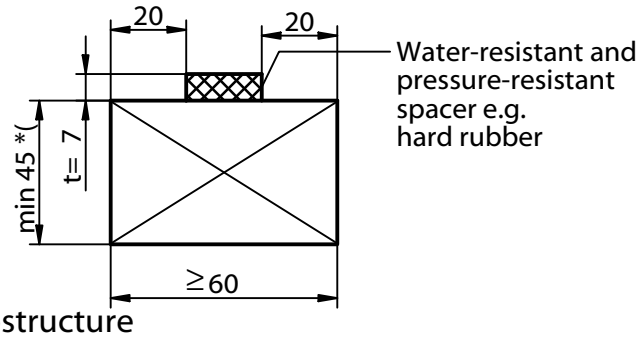
Z-DECK

Art.-No. K082 Installing system for timber decking with a thickness of 24-31 mm

1a) Milled substructure scantlings

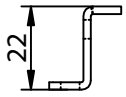


1b) Substructure scantling with spacers

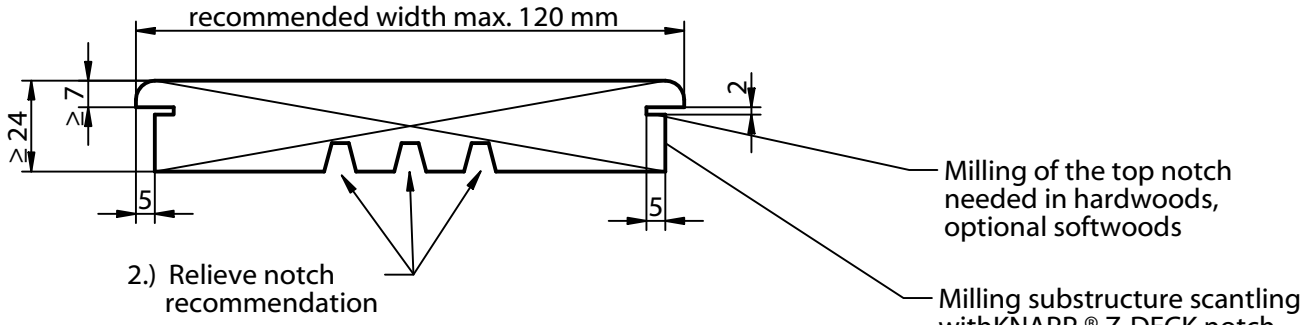


*(Dimentions of the substructure scantlings according to structural requirements

Sample calculation of milling deph t for substructure scantlin:
Board thickness t = 31
e.g. t = 24-31 = -7 mm
Milling depth is 7 mm.



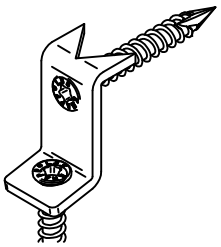
2. Milling substructure scantling with KNAPP ® Z-DECK notch Router



Recommendations for deck boards and substructure:

1.) Do not use boards with horizontal growth rings.
Use boards with no heartwood.
2.) Relieve milling recommended.
3.) Use boards with no more then maximum board width of 120 mm.
4.) Use boards with low compression timber content.
5.) Recommendations of the Holzforschung Austria, the VEH (Download: www.veuh.org) and recommendation of board supplier company.

KNAPP®
connectors.com



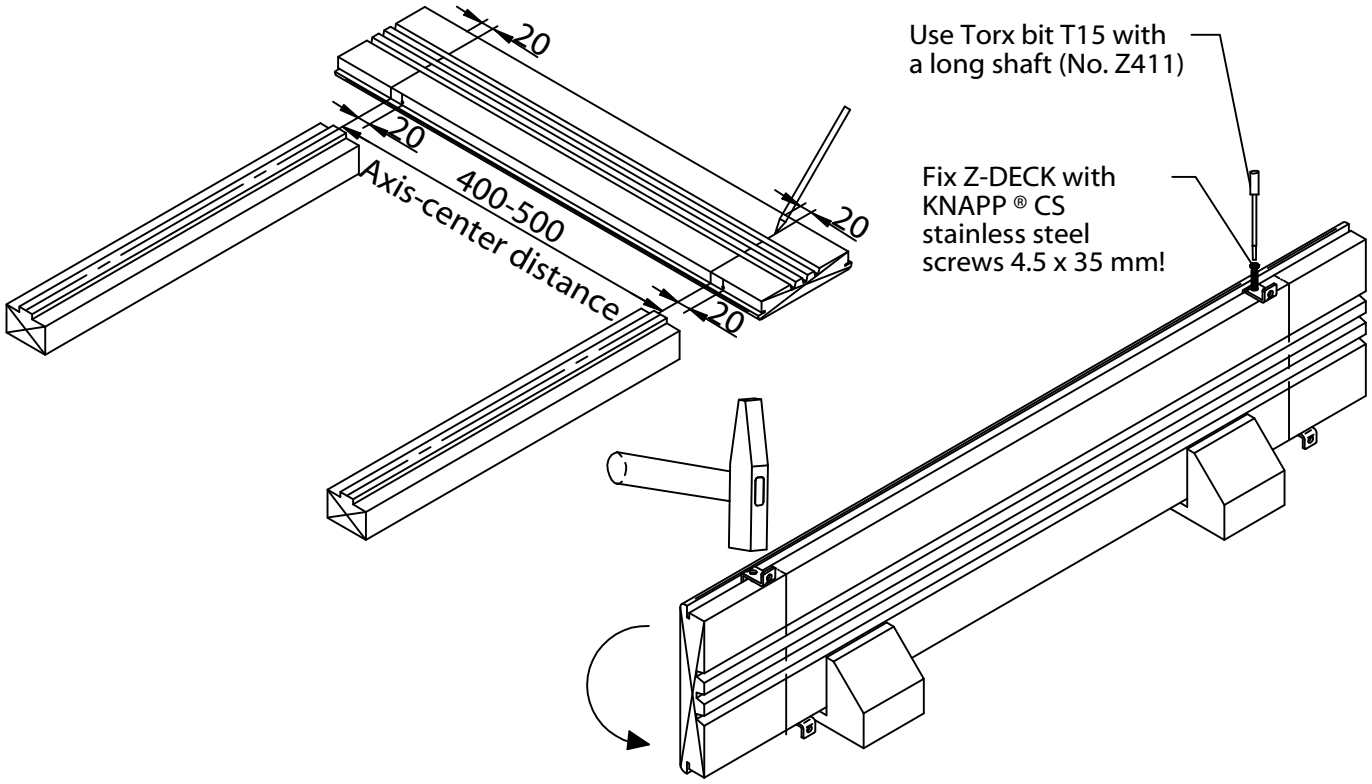
Instruction Manual

Z-DECK

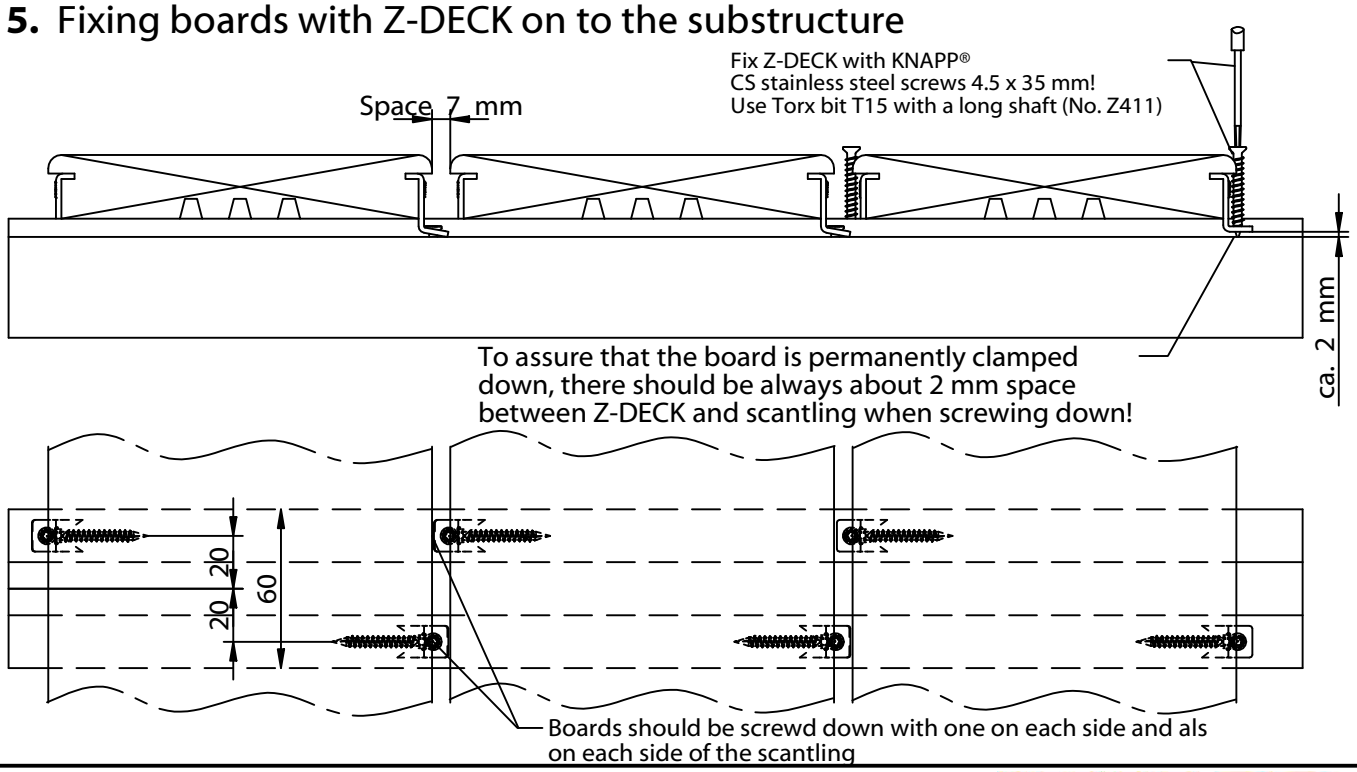
Art.-No. K082 Installing system for timber decking with a thickness of 24-31 mm

3. Position substructure in a grid and mark bords

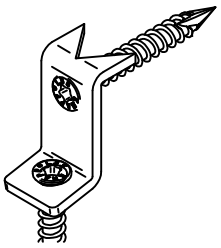
4. Hammer in the Z-DECK on each side and fix it doe screw in the notch



5. Fixing boards with Z-DECK on to the substructure



KNAPP®
connectors.com

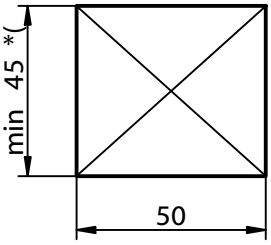


Instruction Manual

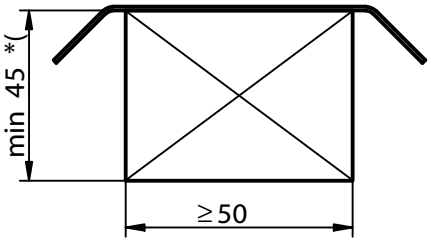
Z-DECK

Art.-No. K082 Installing system for timber decking with a thickness from 32 mm

1a) Milled substructure scantlings

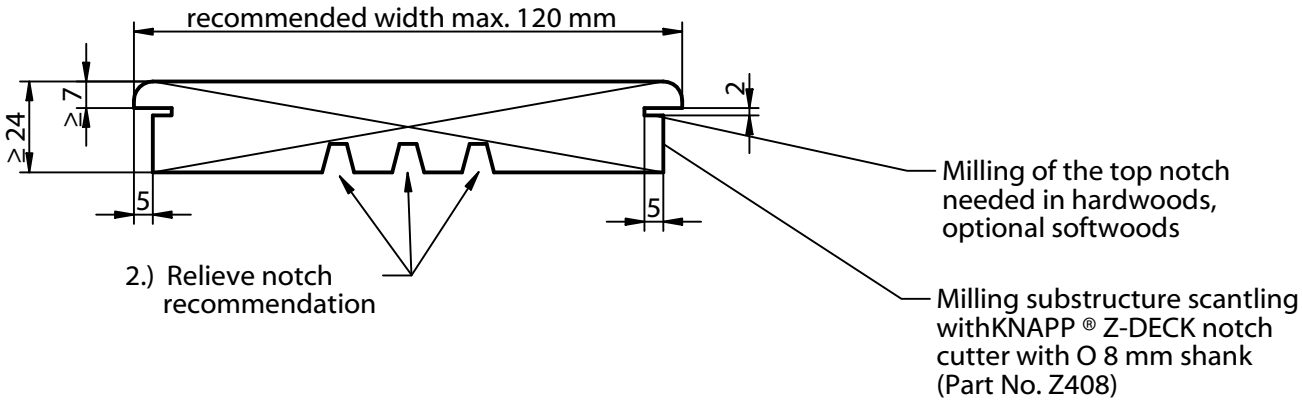


1b) Substructure scantling with spacers



*(Dimentions of the substructure scantlings according to structural requirements

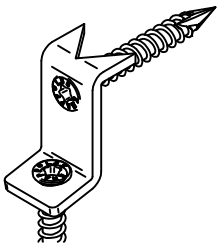
2. Milling substructure scantling with KNAPP ® Z-DECK notch Router



Recommendations for deck boards and substructure:

1.) Do not use boards with horizontal growth rings.
Use boards with no heartwood.
2.) Relieve milling recommended.
3.) Use boards with no more then maximum board width of 120 mm.
4.) Use boards with low compression timber content.
5.) Recommendations of the Holzforschung Austria, the VEH (Download: www.veuh.org) and recommendation of board supplier company.

KNAPP®
connectors.com



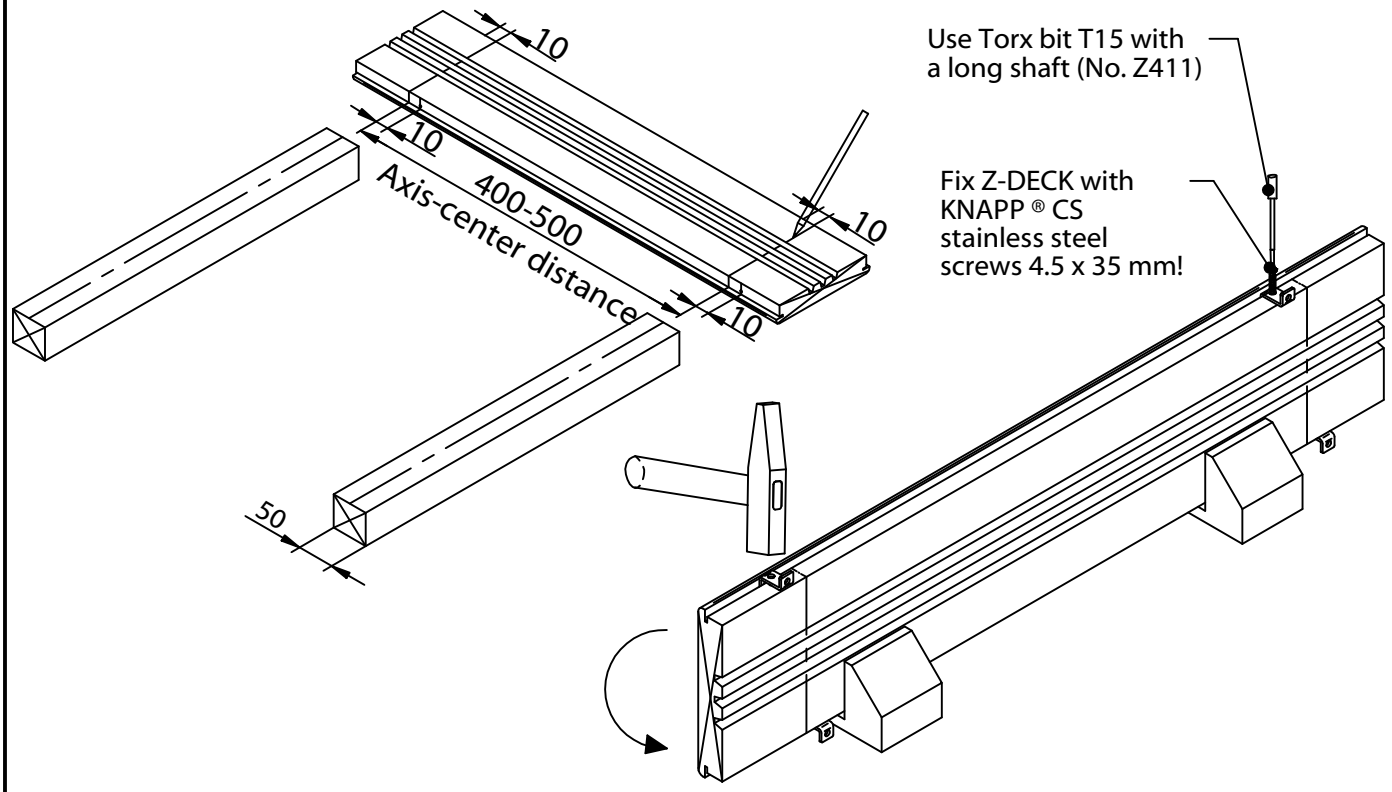
Instruction Manual

Z-DECK

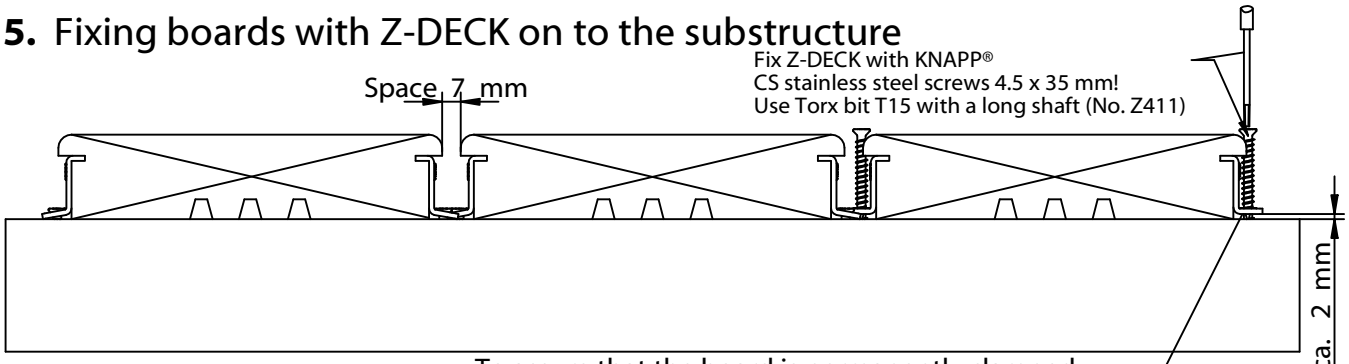
Art.-No. K082 Installing system for timber decking with a thickness from 32 mm

3. Position substructure in a grid and mark bords

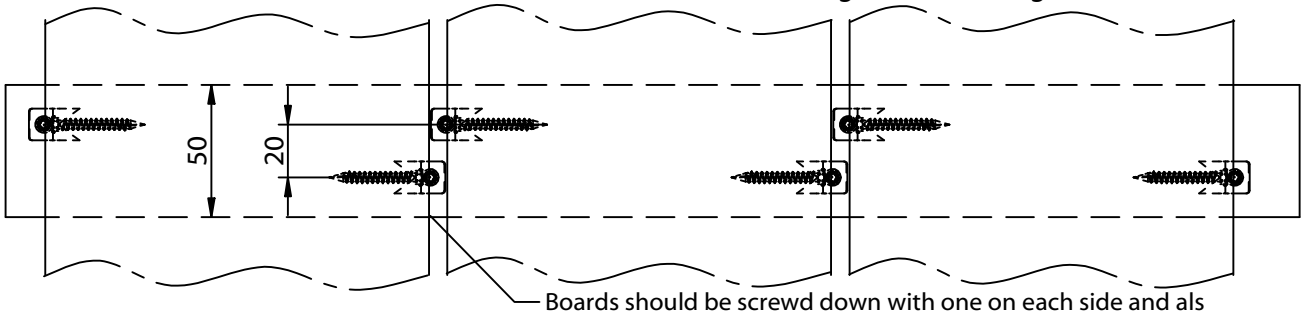
4. Hammer in the Z-DECK on each side and fix it doe screw in the notch



5. Fixing boards with Z-DECK on to the substructure

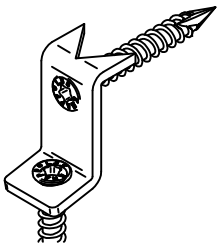


To assure that the board is permanently clamped down, there should be always about 2 mm space between Z-DECK and scantling when screwing down!



Boards should be screwd down with one on each side and als on each side of the scantling

KNAPP®
connectors.com



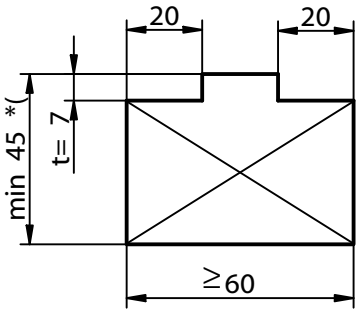
Notice de montage

Z-DECK

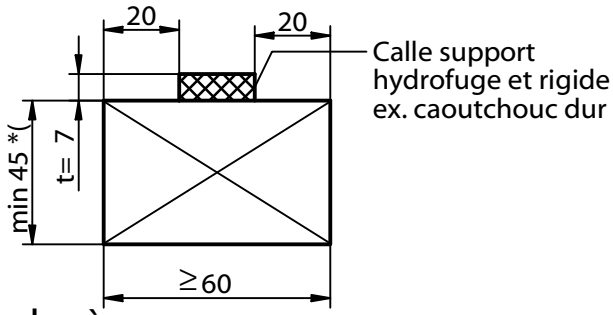
Réf. K082

Fixation de lames bois d'épaisseur 24 à 31 mm

1a) Feuillurer les lambourdes

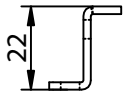


1b) Lambourde avec calle support

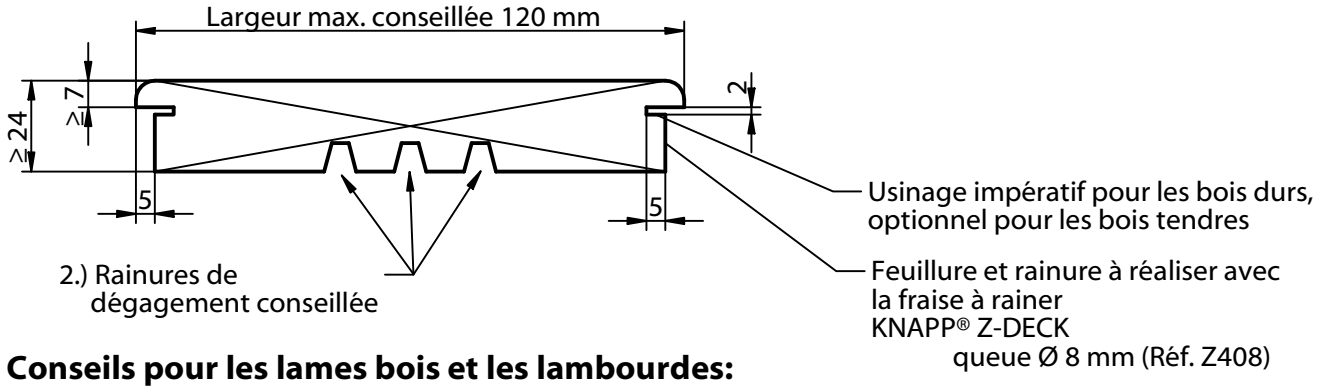


*(Section des lambourdes à déterminer suivant contraintes statiques)

Calcul de la profondeur d' usinage t sur la lambourde:
t = èpaisseur de lame - 31
ex. t = 24-31=-7mm
L' usinage nécessaire est de 7mm.



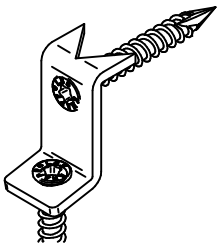
2. Usiner la lame bois avec la fraise à rainer KNAPP® Z-DECK



Conseils pour les lames bois et les lambourdes:

1.) Ne pas utiliser de lames ancienne Utiliser des lames ors coeur
2.) Usiner le dessour de la lame avec des rainures de dégagement
3.) Largeur de lame maximale 120 mm
4.) Eviter l'utilisation de lames déformées avant la pose
5.) Suivre les règles de pose du cstb, de l'association des rabotteries VEH (www.veuh.org) et des fournisseurs bois

KNAPP®
connectors.com



Notice de montage

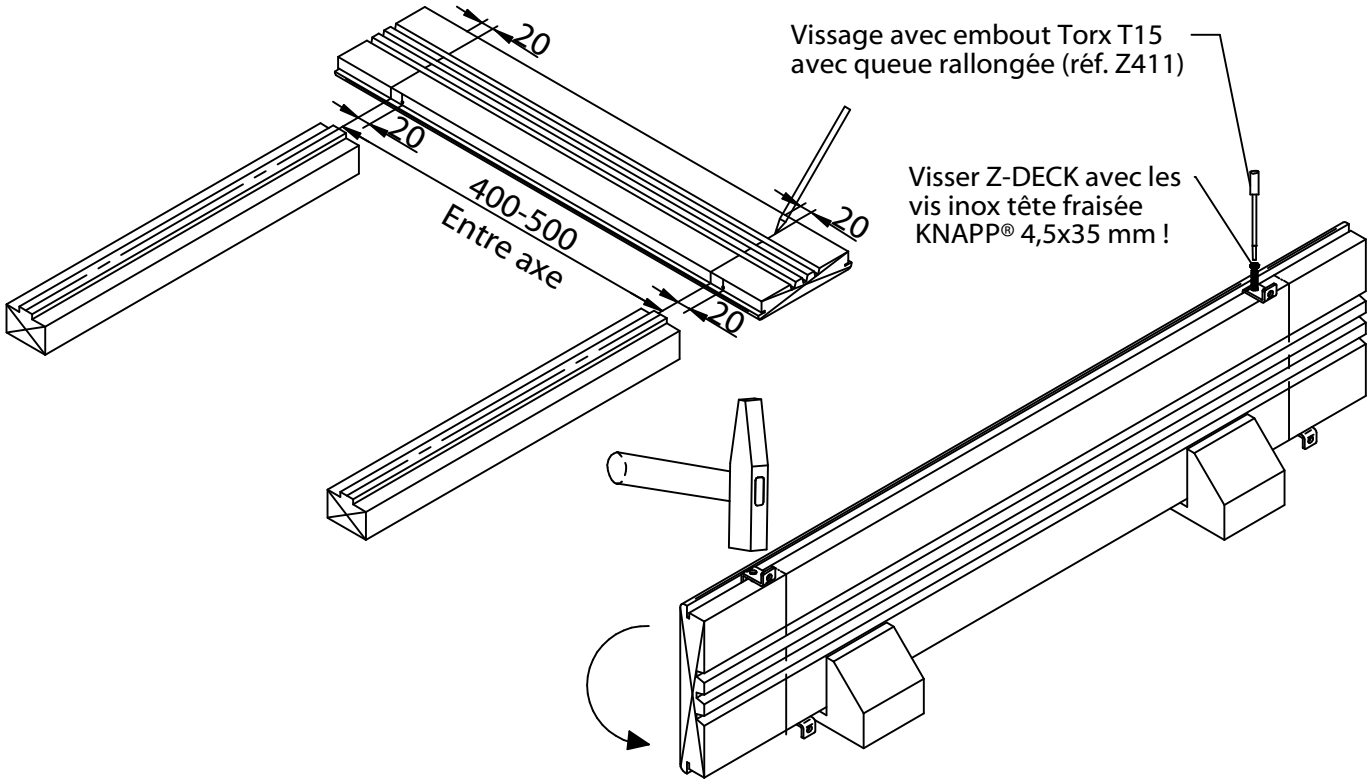
Z-DECK

Réf. K082

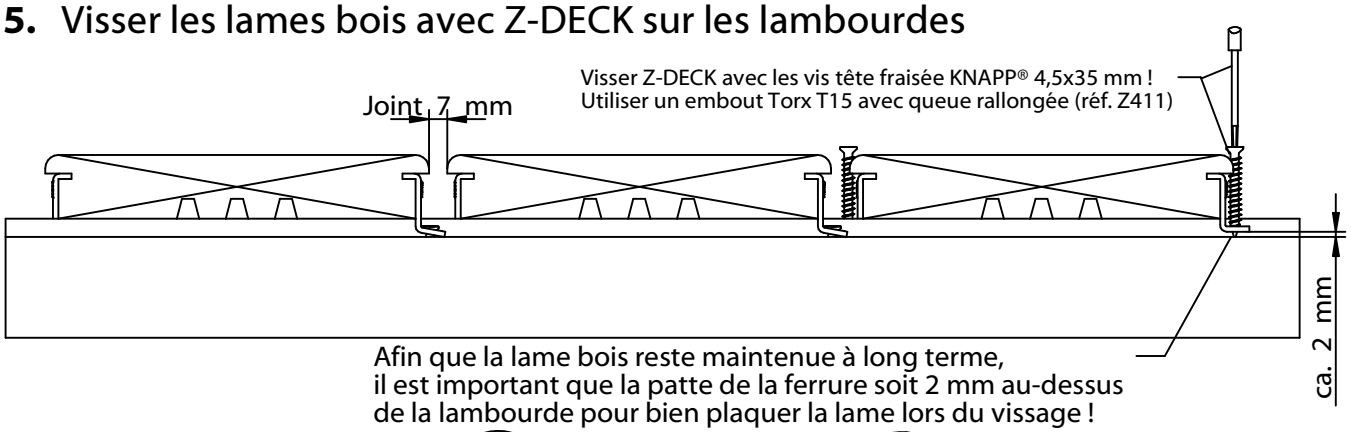
Fixation de lames bois d'épaisseur 24 à 31 mm

3. Placer les lambourdes et repérer leurs axes sur les lames bois

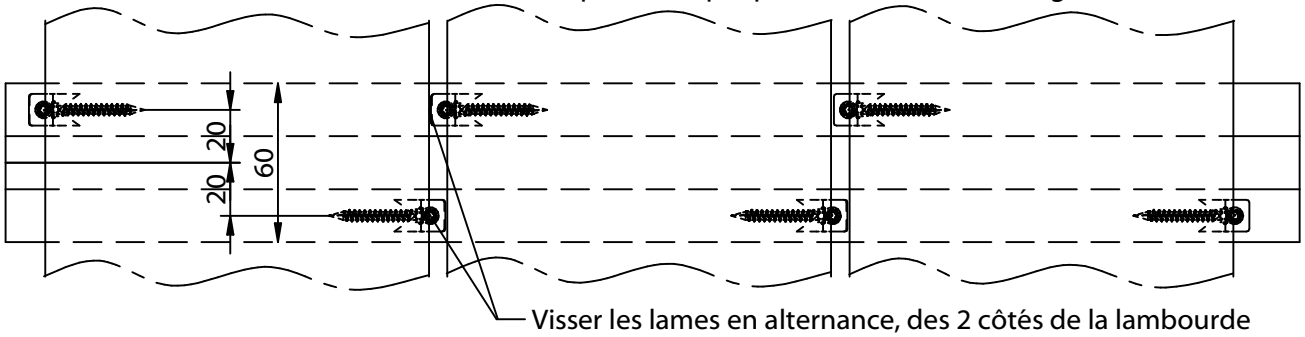
4. Frapper Z-DECK de part et d 'autre des axes dans la rainure et visser



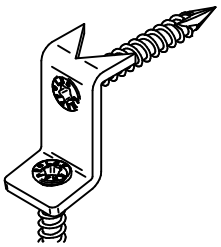
5. Visser les lames bois avec Z-DECK sur les lambourdes



Afin que la lame bois reste maintenue à long terme,
il est important que la patte de la ferrure soit 2 mm au-dessus
de la lambourde pour bien plaquer la lame lors du vissage !



KNAPP®
connectors.com



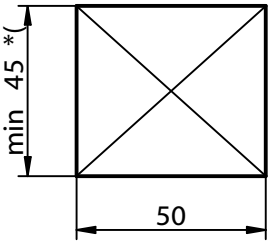
Réf. K082

Notice de montage

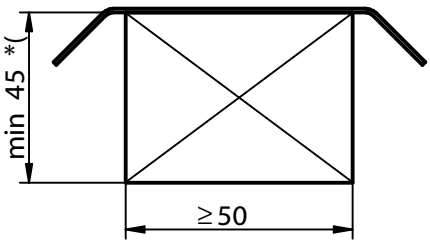
Z-DECK

Fixation de lames bois à partir d'épaisseur

1a) Dimension des lambourdes sans recouvrement

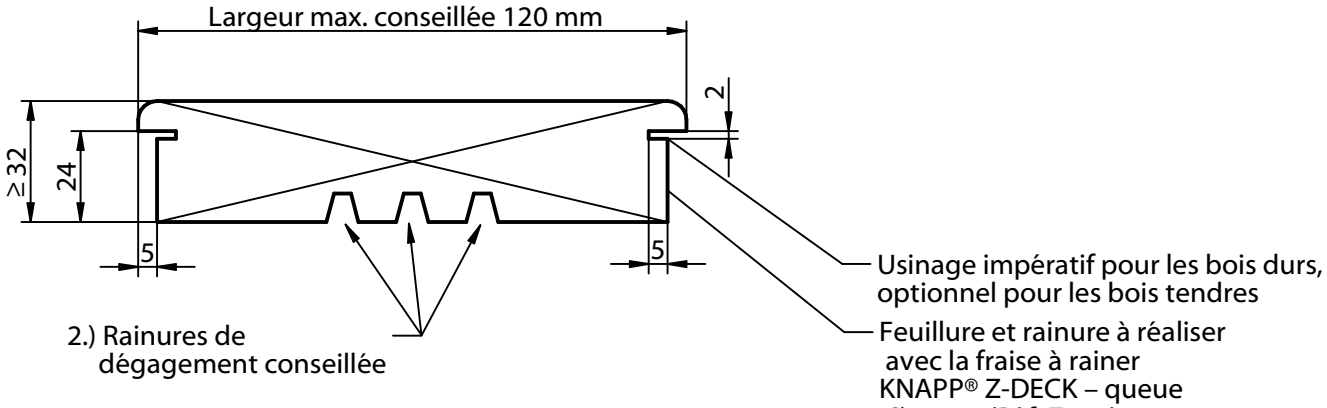


1b) Dimension des lambourdes avec recouvrement



*(Section des lambourdes à déterminer suivant contraintes statiques)

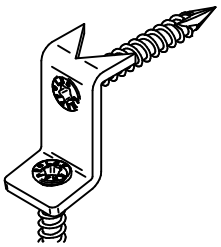
2. Usiner la lame bois avec la fraise à rainer KNAPP® Z-DECK



Conseils pour les lames bois et les lambourdes :

1.) Ne pas utiliser de lames ancienne
Utiliser des lames hors cœur
2.) Usiner le dessous de la lame avec des rainures de dégagement
3.) Largeur de lame maximale 120 mm
4.) Eviter l'utilisation de lames déformées avant la pose
5.) Suivre les règles de pose du cstb, de l'association des rabotteries VEH (www.veuh.org) et des fournisseurs bois

KNAPP®
connectors.com



Réf. K082

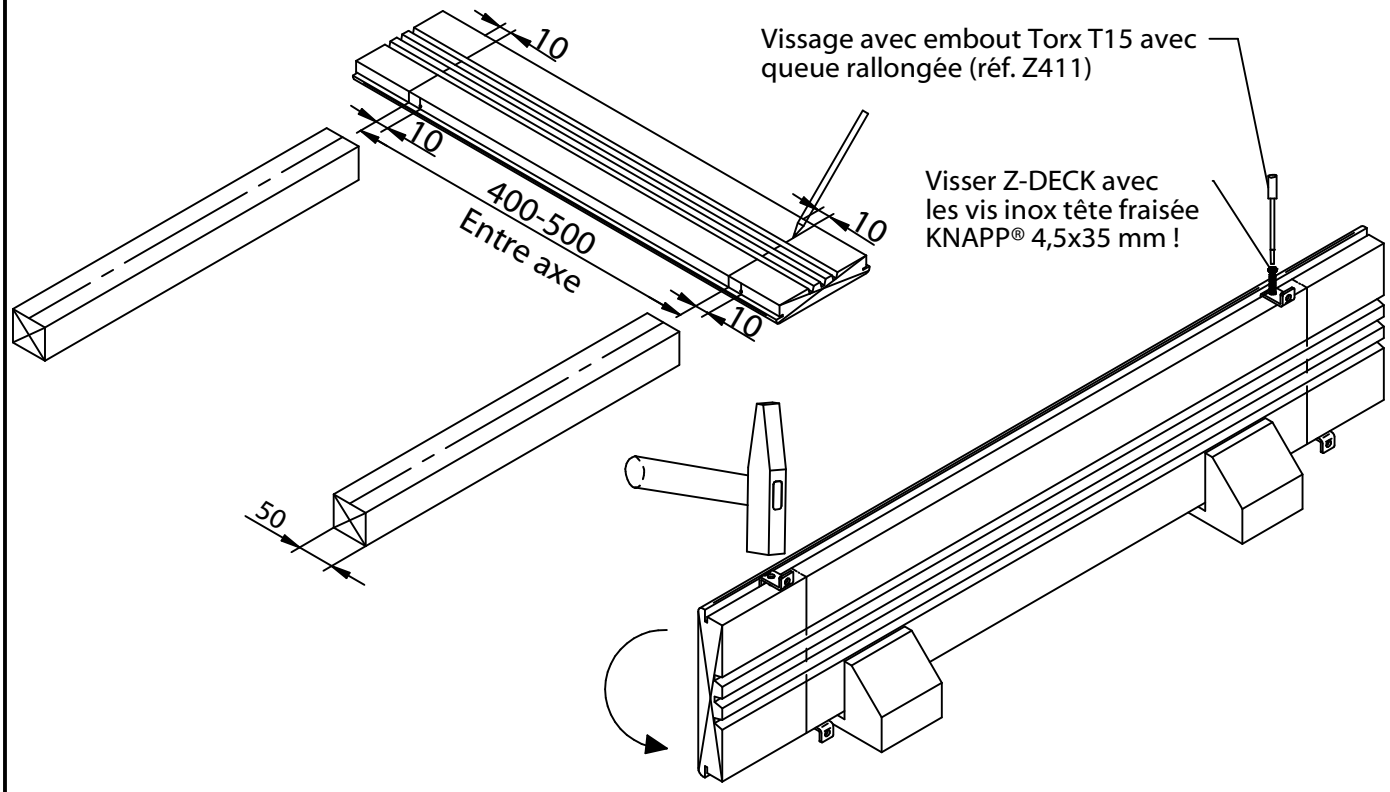
Notice de montage

Z-DECK

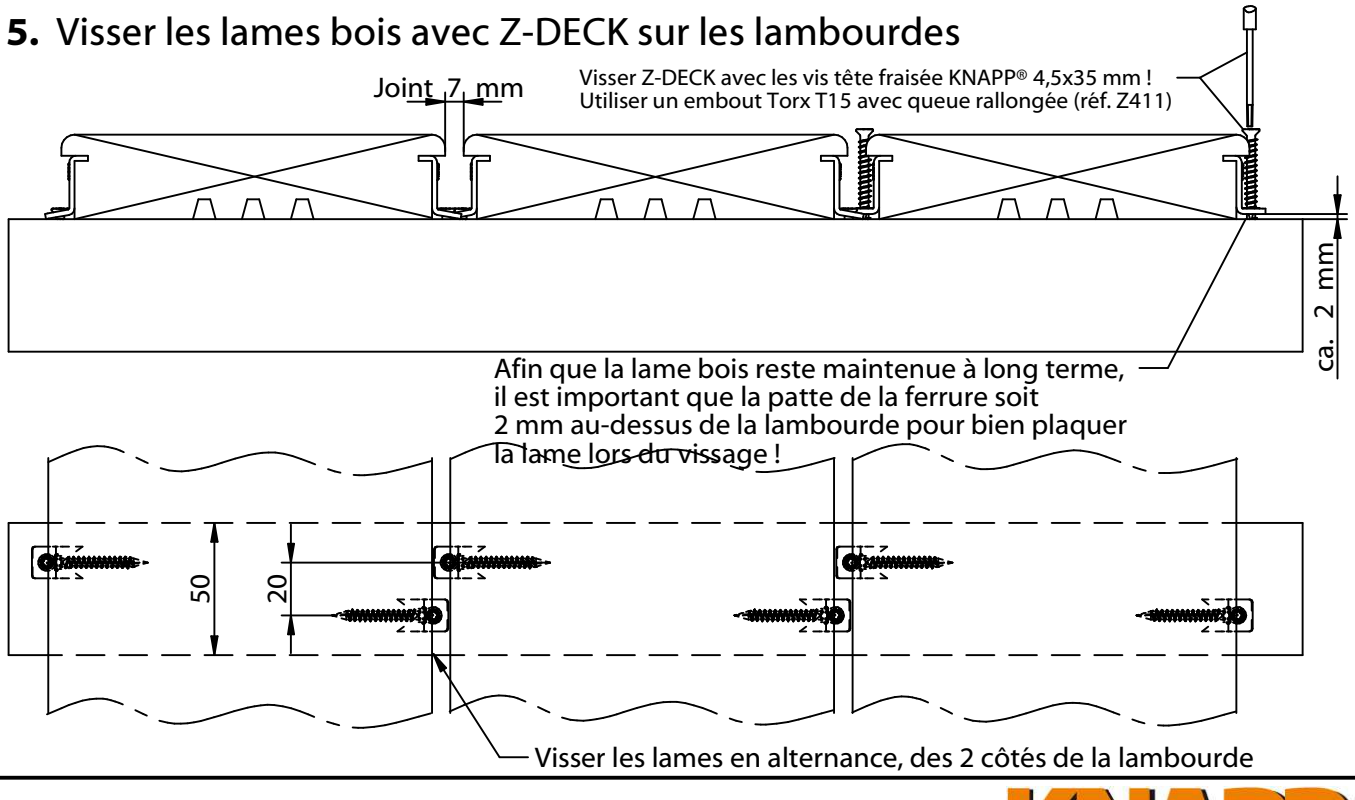
Fixation de lames bois à partir d'épaisseur

3. Placer les lambourdes et repérer leurs axes sur les lames bois

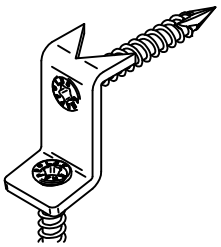
4. Frapper Z-DECK de part et d'autre des axes dans la rainure et visser



5. Visser les lames bois avec Z-DECK sur les lambourdes



KNAPP®
connectors.com



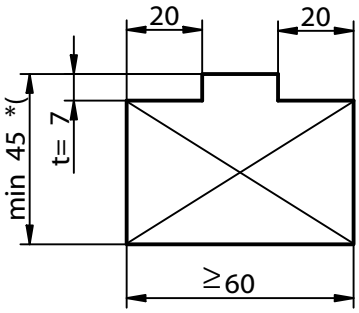
Montageanleitung

Z-DECK

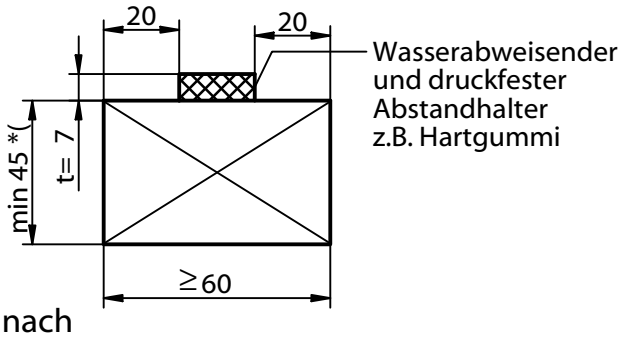
Art.-Nr. K082

Montage für Holzdielenstärke von 24 - 31 mm

1a) Lagerholz fräsen

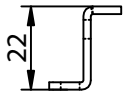


1b) Lagerholz mit Abstandhalter

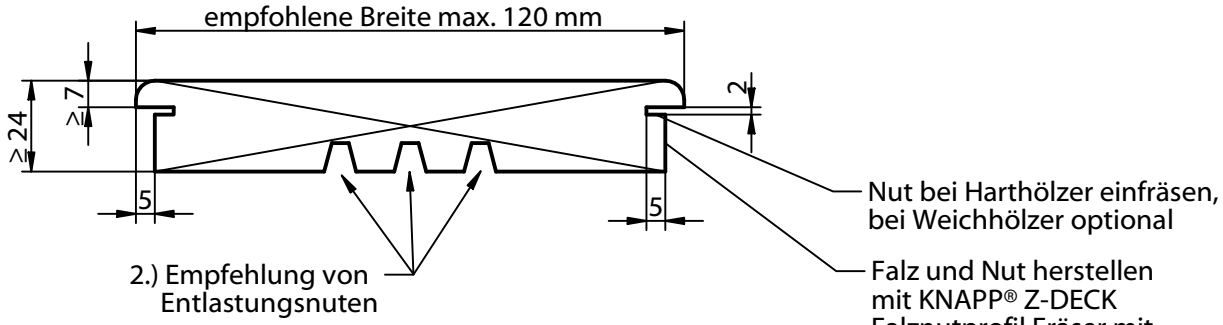


*(Dicke des Lagerholzes nach statischen Erfordernissen

Berechnung der Ausfrästiefe t im Lagerholz:
t = Dielenstärke - 31
z.B. t = 24 -31 = -7 mm
7 mm werden aus dem Lagerholz ausgefräst.



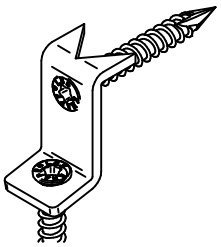
2. Holzdielen mit KNAPP® Z-DECK Falznutprofil- Fräser fräsen



Empfehlungen für Holzdielen und Lagerholz:

1.) Keine Dielen mit liegenden Jahrringen verwenden
Kernfreie Dielen verwenden
2.) Dielenunterseite mit Entlastungsnuten versehen
3.) Maximale Dielenbreite von 120 mm einhalten
4.) Holzdielen mit geringem Druckholzanteil (auch als Rotholz oder Buchs bezeichnet) verwenden
5.) Empfehlungen der Holzforschung Austria, des VEH (Download: www.veuh.org) und Dielenlieferanten einhalten

KNAPP®
verbinder.com



Montageanleitung

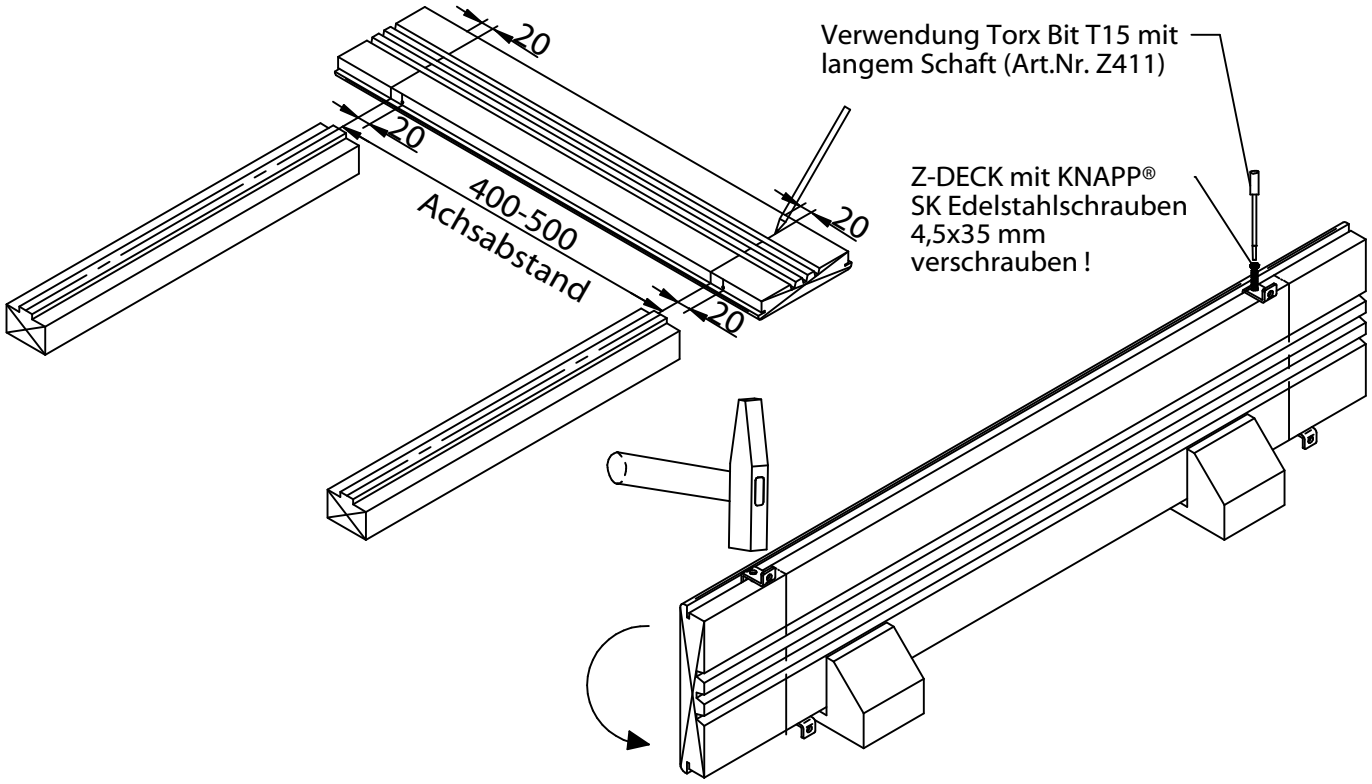
Z-DECK

Art.-Nr. K082

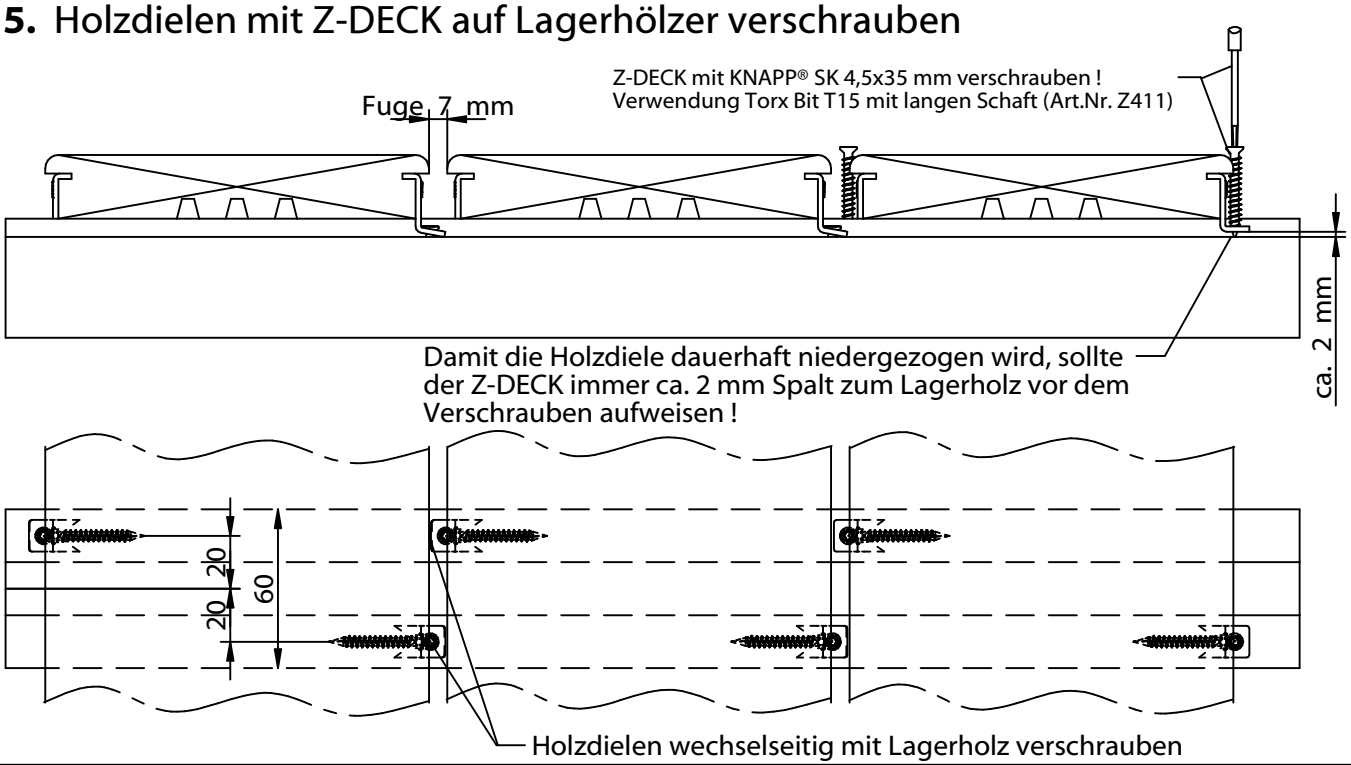
Montage für Holzdielenstärke von 24 - 31 mm

3. Lagerhölzer im Raster ausrichten und Holzdielen Mittellinie anreißen

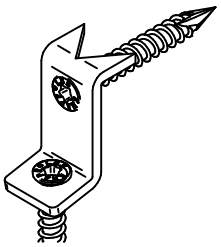
4. Beidseitig Z-DECK in Holz/Nut einschlagen und verschrauben



5. Holzdielen mit Z-DECK auf Lagerhölzer verschrauben



KNAPP®
verbinder.com



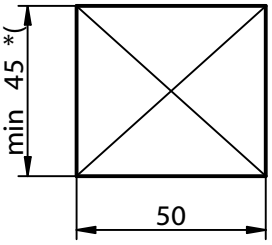
Art.-Nr. K082

Montageanleitung

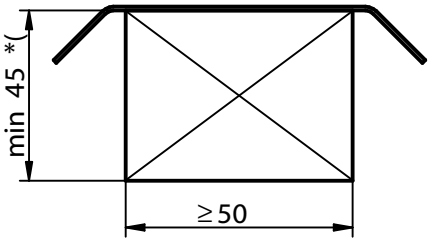
Z-DECK

Montage für Holzdielenstärke ab 32 mm

1a) Lagerholzabmessungen ohne Abdeckung

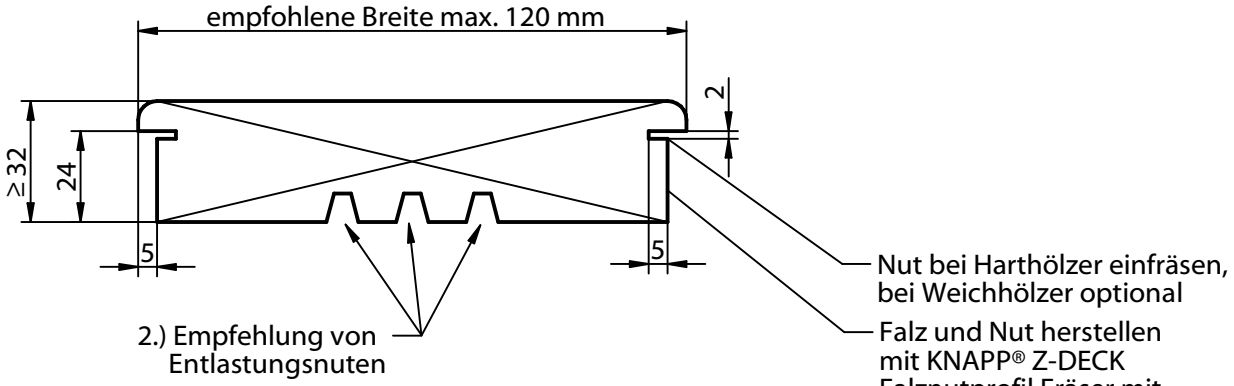


1b) Lagerholzabmessungen mit Abdeckung



*(Dicke des Lagerholzes nach statischen Erfordernissen

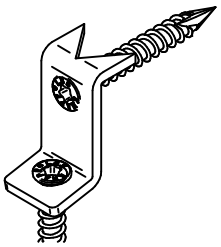
2. Holzdielen mit KNAPP® Z-DECK Falznutprofil- Fräser fräsen



Empfehlungen für Holzdielen und Lagerholz:

1.) Keine Dielen mit liegenden Jahrringen verwenden
Kernfreie Dielen verwenden
2.) Dielenunterseite mit Entlastungsnuten versehen
3.) Maximale Dielenbreite von 120 mm einhalten
4.) Holzdielen mit geringem Druckholzanteil (auch als Rotholz oder Buchs bezeichnet) verwenden
5.) Empfehlungen der Holzforschung Austria, des VEH (Download: www.veuh.org) und Dielenlieferanten einhalten

KNAPP® verbinder.com



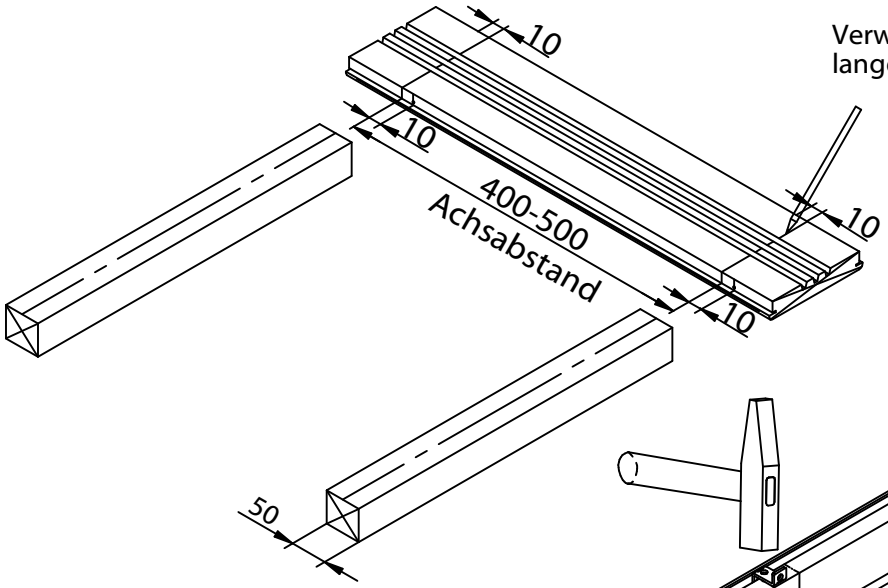
Art.-Nr. K082

Montageanleitung

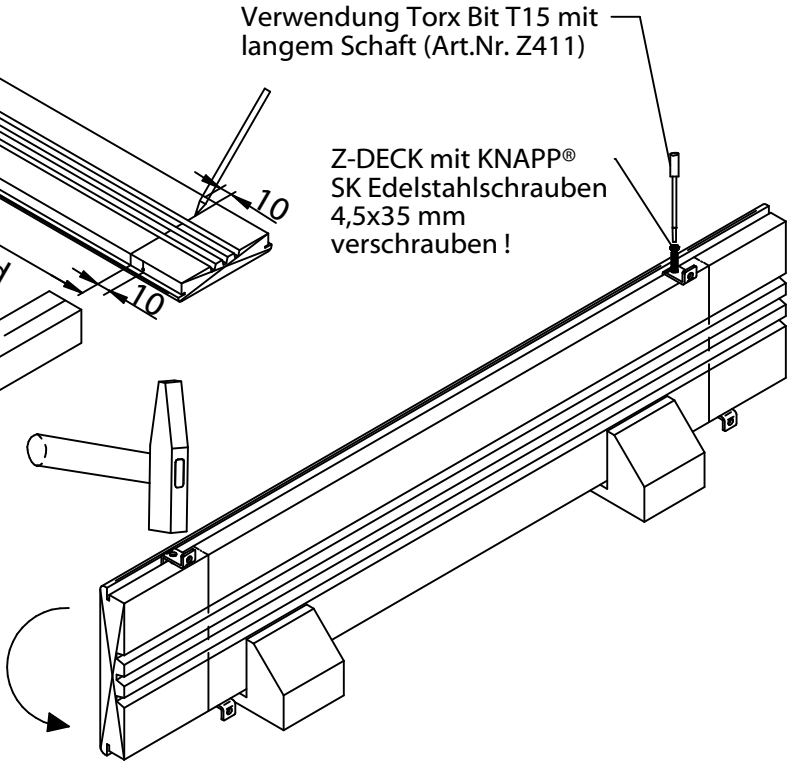
Z-DECK

Montage für Holzdielenstärke ab 32 mm

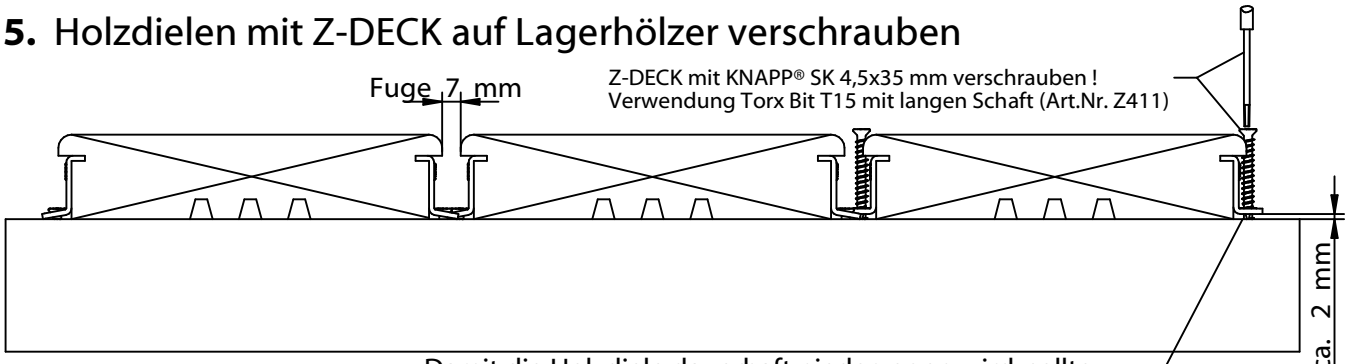
3. Lagerhölzer im Raster ausrichten und Holzdielen Mittellinie anreißen



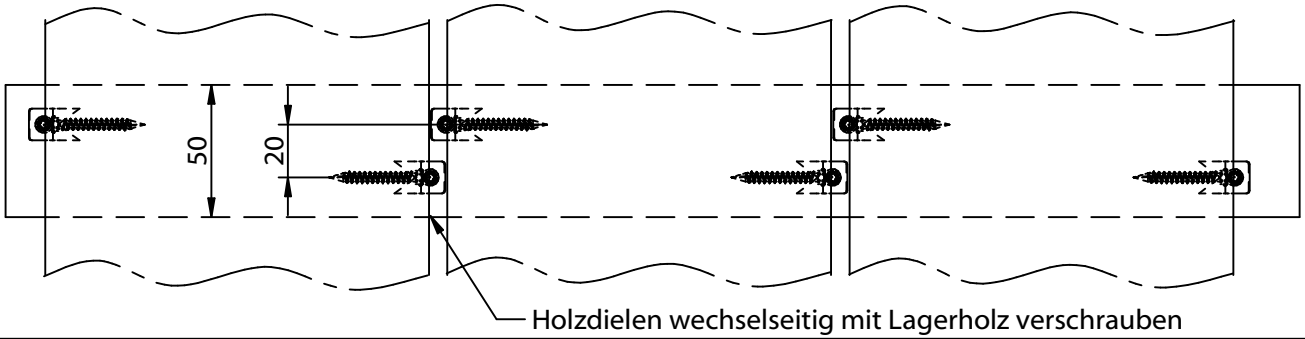
4. Beidseitig Z-Deck in Holz/Nut einschlagen und verschrauben



5. Holzdielen mit Z-DECK auf Lagerhölzer verschrauben



Damit die Holzdiele dauerhaft niederzogen wird, sollte der Z-DECK immer ca. 2 mm Spalt zum Lagerholz vor dem Verschrauben aufweisen !



KNAPP®
verbinder.com