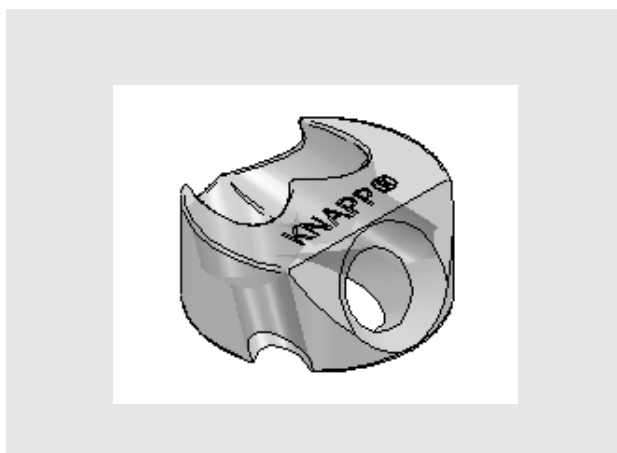


Montageanleitung

Construction Manual

Notice de montage

VERSION



Art.-Nr.

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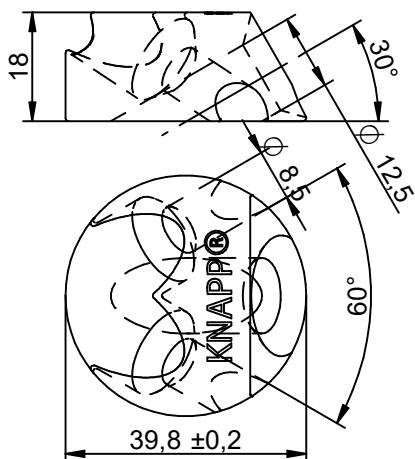


Montageanleitung T-JOINT D40/W30

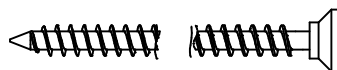
Art. Nr. Z404

Verbinder für Zugstöße

T-JOINT D40/W30



Schraube SK $\phi 8$ mm x Länge

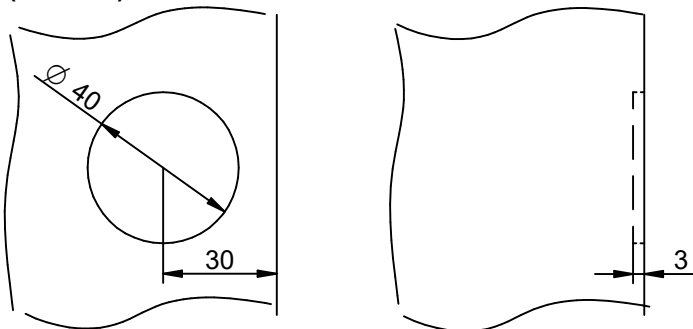


Schraube SK $\phi 10$ mm x Länge

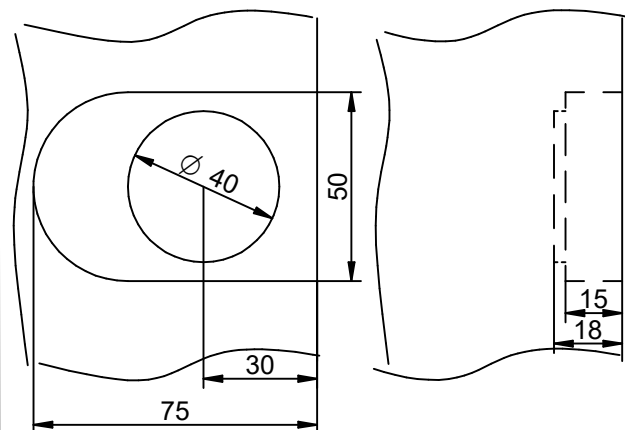


1. Bearbeitung - Bohren / Fräsen

Bohren $\phi 40$ mm, Tiefe 3 mm
(sichtbar)



Bohren $\phi 40$ mm, Tiefe 18 mm
Fräsen $\phi 50$ mm, Tiefe 15 mm
(Flächenbündig)



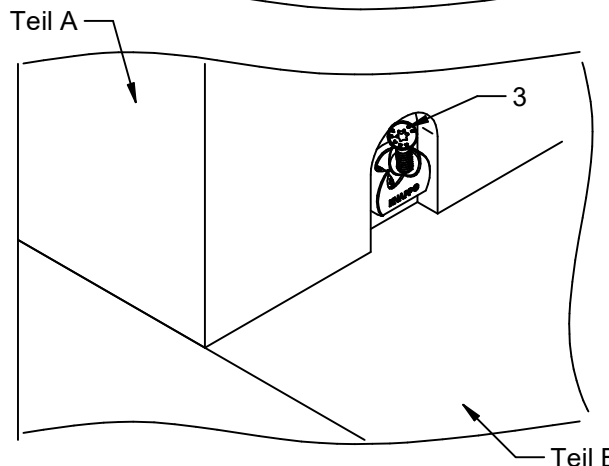
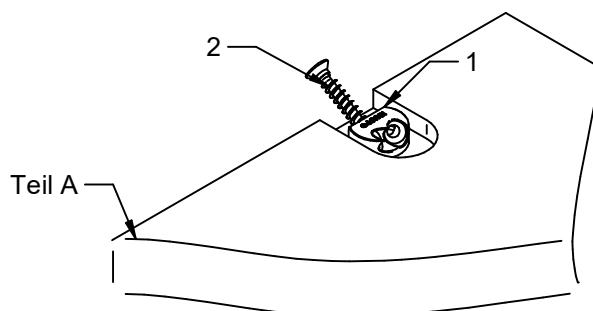
2. Schrauben- / Bohrdurchmesser

Teil A	ϕ Schrauben	ϕ Bohrung	Tiefe
Nadelholz	10	6	50

Teil B	ϕ Schrauben	ϕ Bohrung	Tiefe
Nadelholz	8	5	50

Montagereihenfolge:

1. T-JOINT einlegen
2. T-JOINT mit $\phi 10$ mm an Teil A verschrauben
3. T-JOINT mit 2x $\phi 8$ mm an Teil B verschrauben



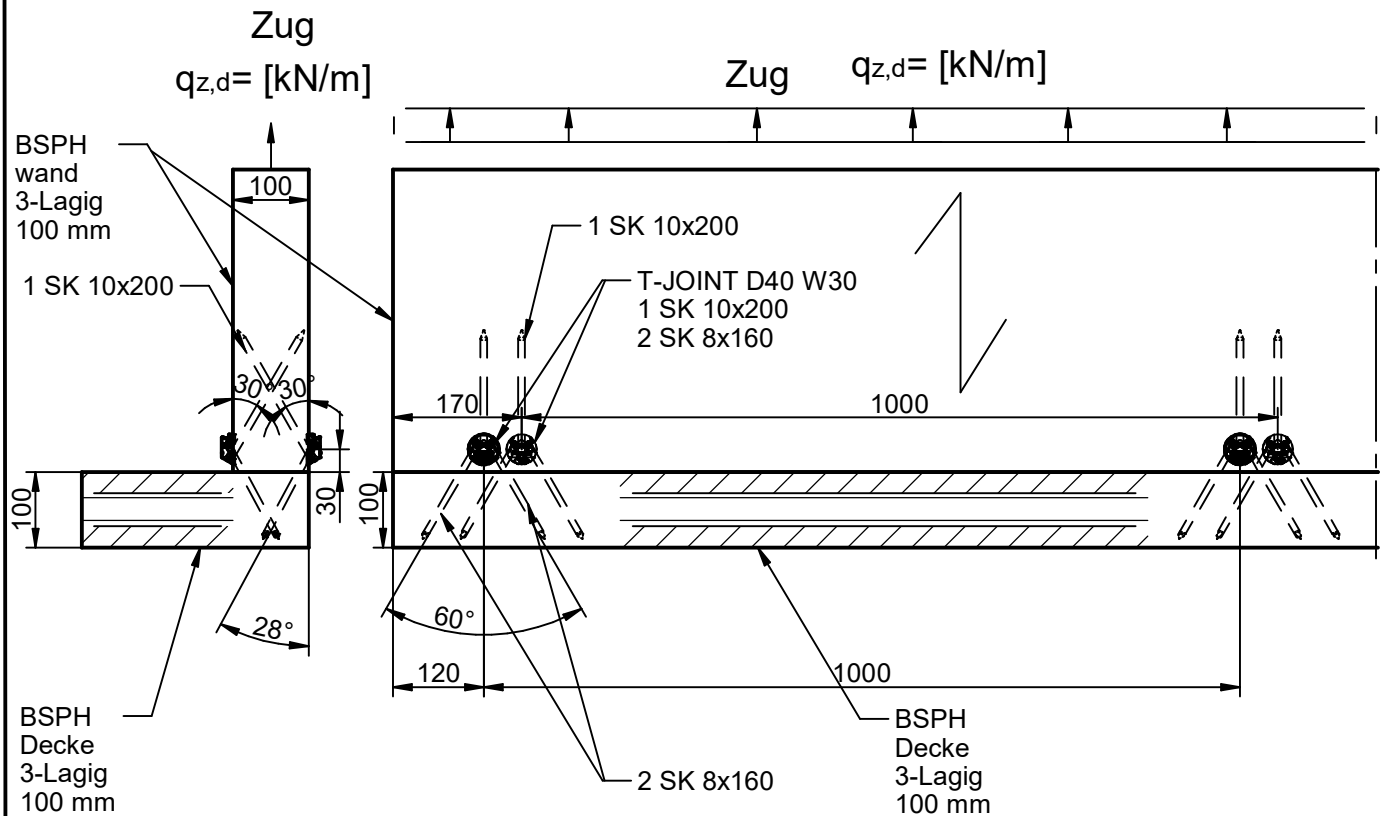


Montageanleitung T-JOINT D40/W30

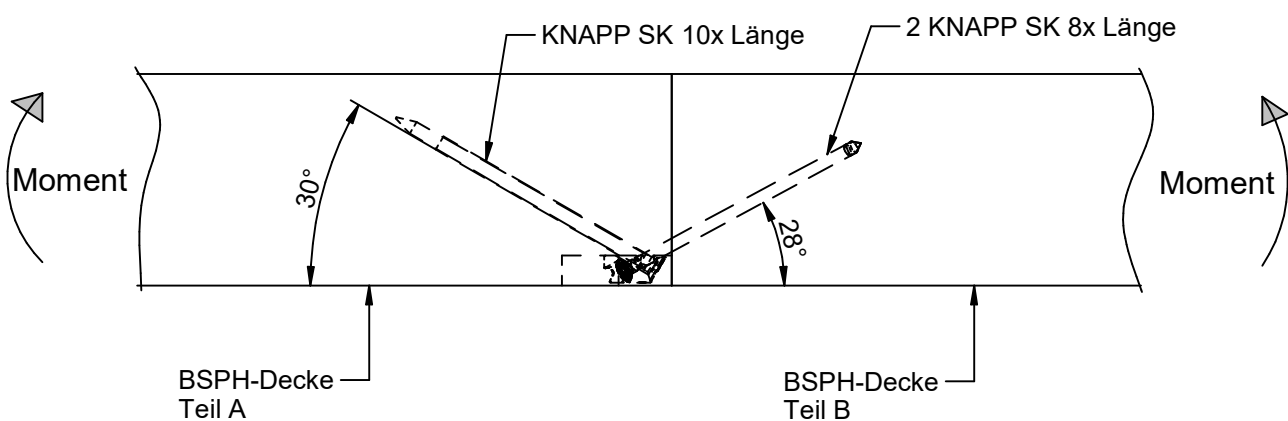
Art. Nr. Z404

Verbinder für Zugstöße

Praxisbeispiel: BSPH-Wand-Decken-Zuganschluss



Praxisbeispiel: Biegestoß von BSPH- Decke



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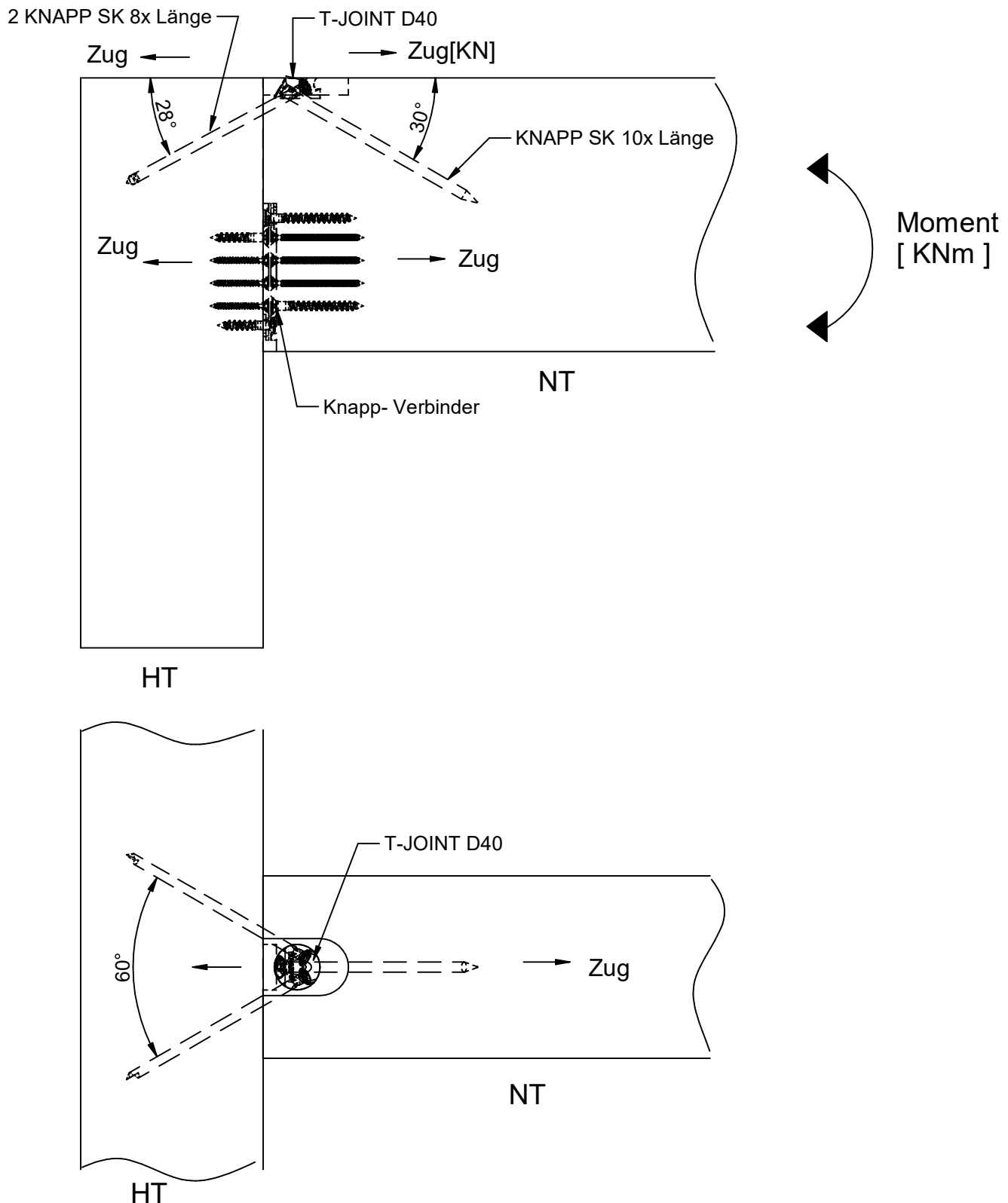


Montageanleitung T-JOINT D40/W30

Art. Nr. Z404

Verbinder für Zugstöße

Praxisbeispiel: Zugstoß von Haupt- Nebenträger



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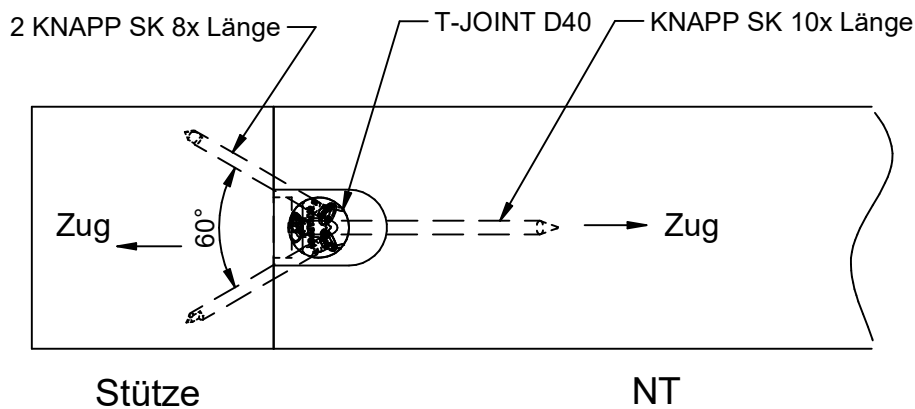
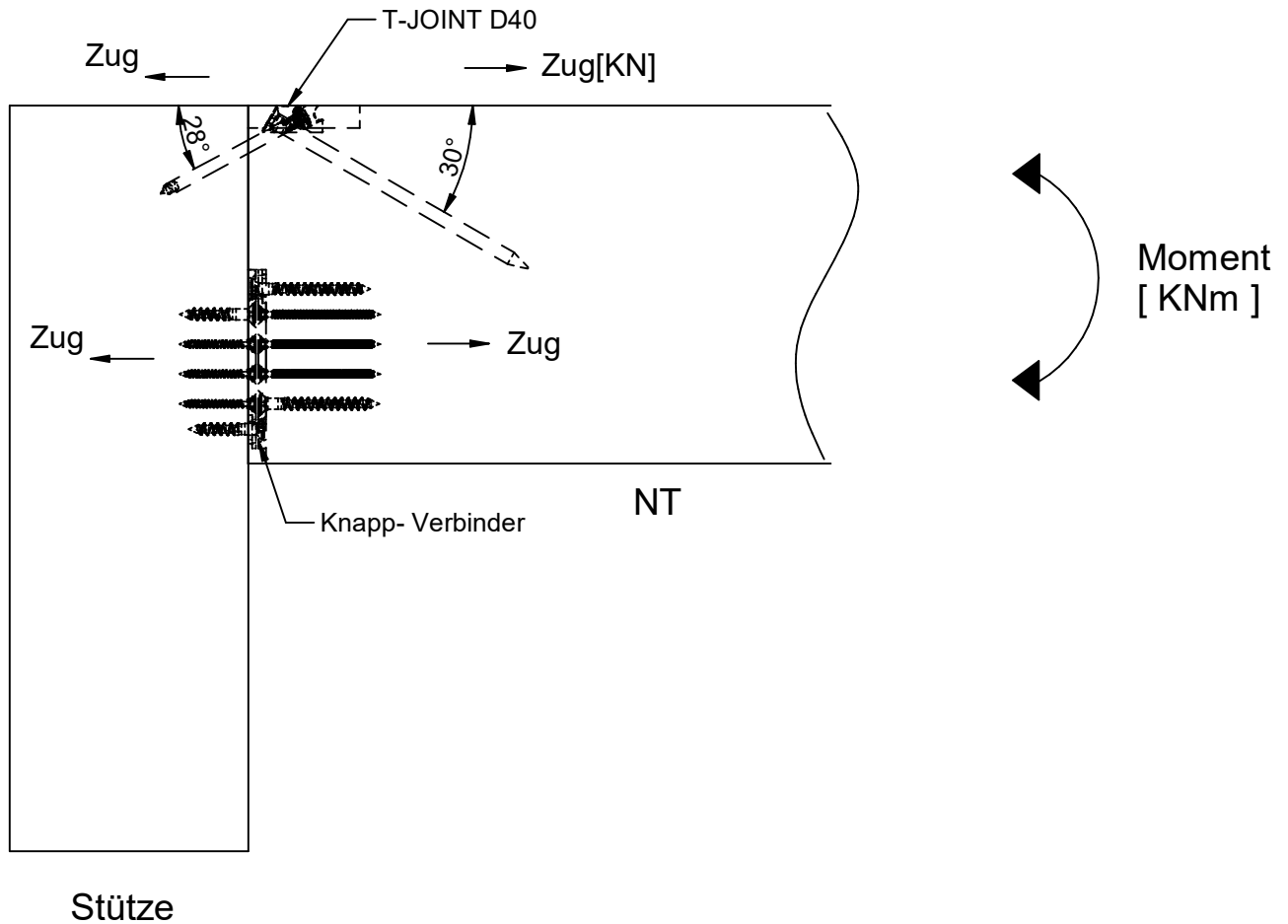


Montageanleitung T-JOINT D40/W30

Art. Nr. Z404

Verbinder für Zugstöße

Praxisbeispiel: Zugstoß von Nebenträger- Stützen



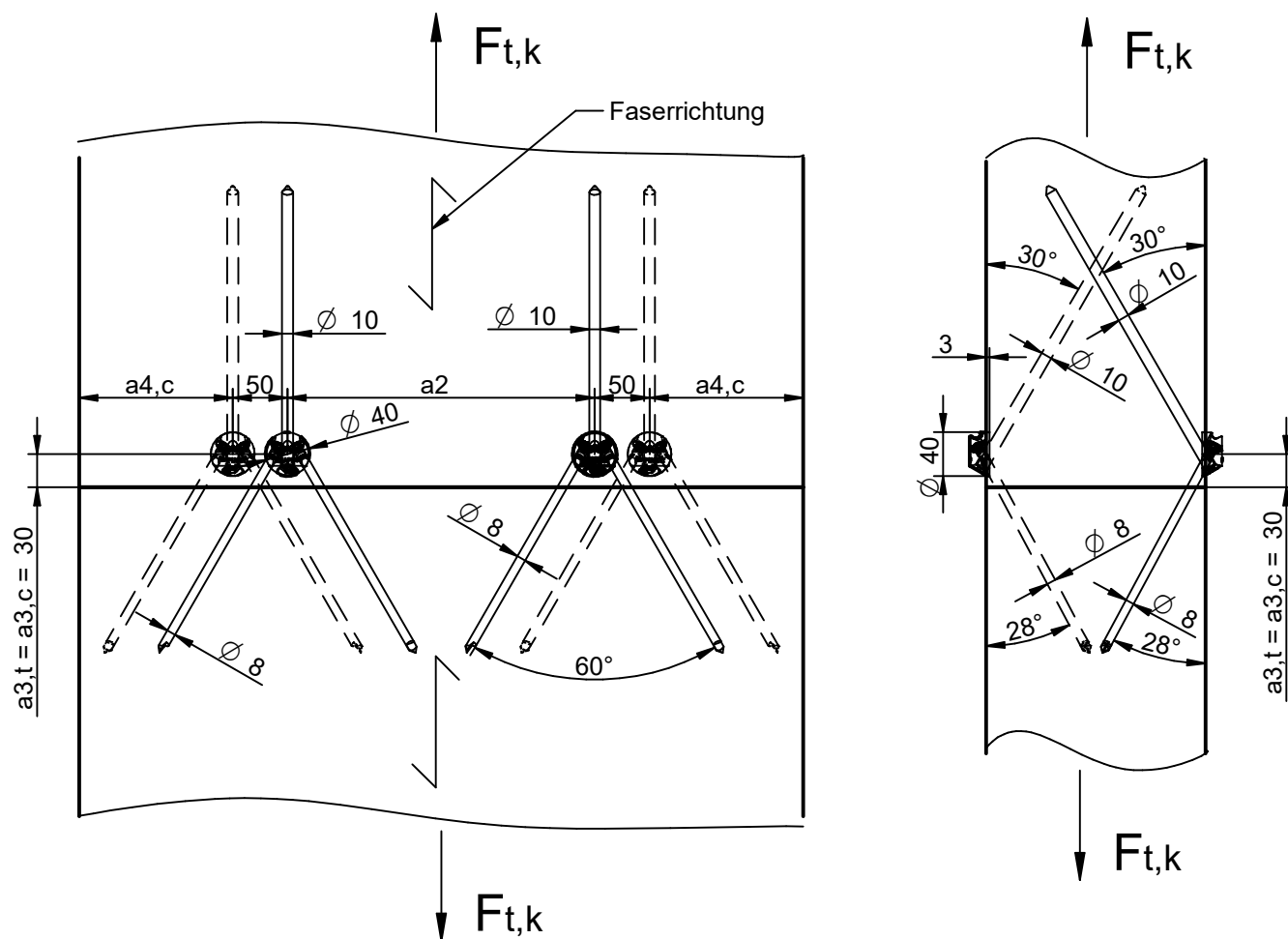


Montageanleitung T-JOINT D40/W30

Art. Nr. Z404

Verbinder für Zugstöße

Praxisbeispiel: Zugstoß von BSPH Wand (Faserrichtung längs)



$$a_2 = 2 \times L_{8mm} \times \sin 30^\circ + 40 \text{ mm}$$

$$a_{4,c} = L_{8mm} \times \sin 30^\circ + 20 \text{ mm}$$

L_{8mm} = Länge der 8 mm Schraube

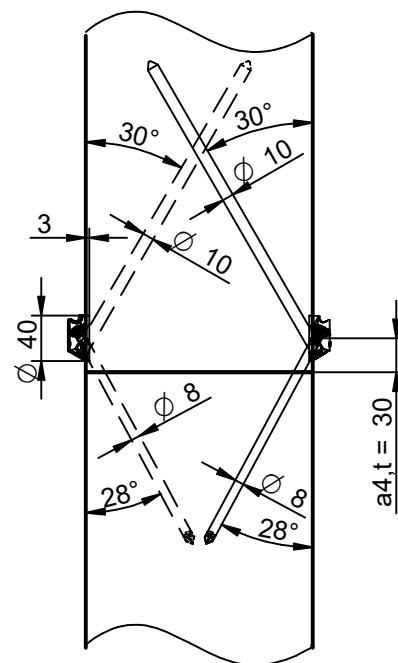
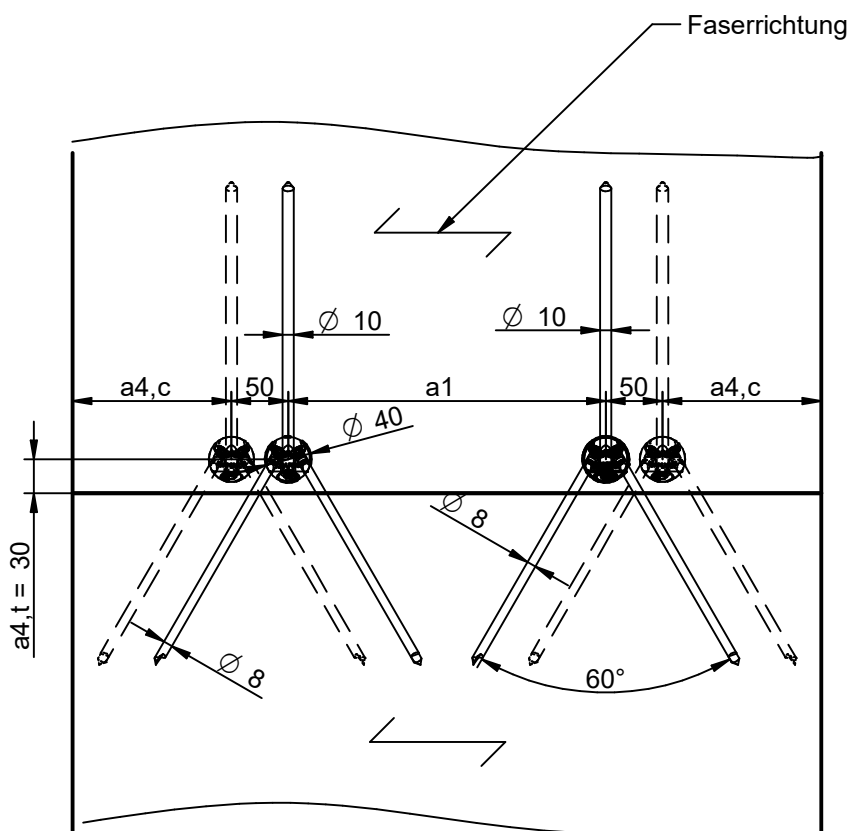


Montageanleitung T-JOINT D40/W30

Art. Nr. Z404

Verbinder für Zugstöße

Praxisbeispiel: Zugstoß von BSPH- Wand(Faserrichtung quer)



$$a_1 = 2 \times L_{8mm} \times \sin 30^\circ + 40 \text{ mm}$$

$$a_{4,c} = L_{8mm} \times \sin 30^\circ + 20 \text{ mm}$$

L_{8mm} = Länge der 8 mm Schraube



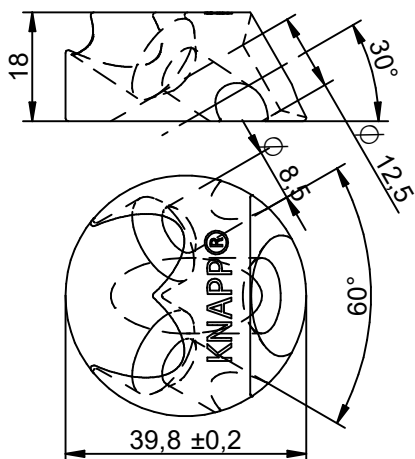
Assembly instructions

T-JOINT D40/W30

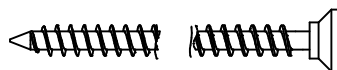
Art. No. Z404

Connector for tension joints

T-JOINT D40/W30



Screw CS $\varnothing 8$ mm x Length mm

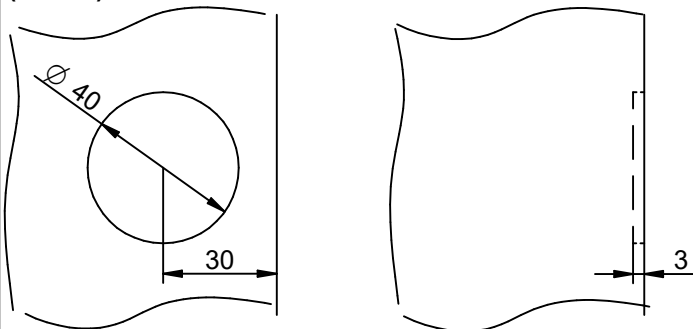


Screw CS $\varnothing 10$ mm x Length mm

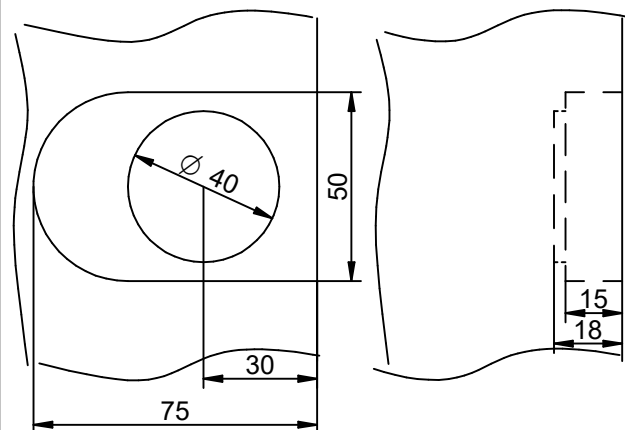


1. processing - drilling / milling

drilling $\varnothing 40$ mm, depth 3mm
(visible)



drilling $\varnothing 40$ mm, depth 18 mm
milling $\varnothing 50$ mm, depth 15 mm
(flush with surface)



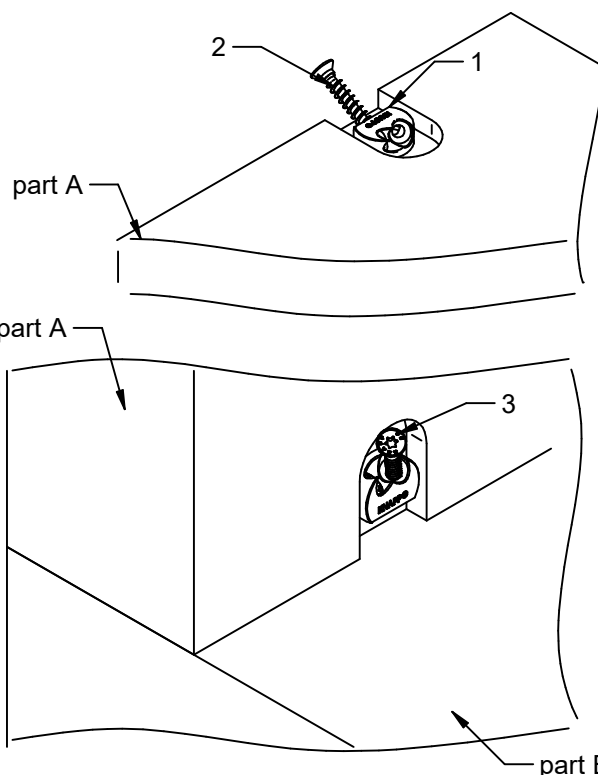
2. screw / drill diameter

Part A	$\varnothing$ screws	$\varnothing$ bore hole	depth
Softwood	10	6	50

Part B	$\varnothing$ screws	$\varnothing$ bore hole	depth
Softwood	8	5	50

Assembly sequence:

1. insert T-JOINT
2. screw T-JOINT to part A with $\varnothing 10$ mm screw
3. screw the T-JOINT to part B with 2x $\varnothing 8$ mm screws



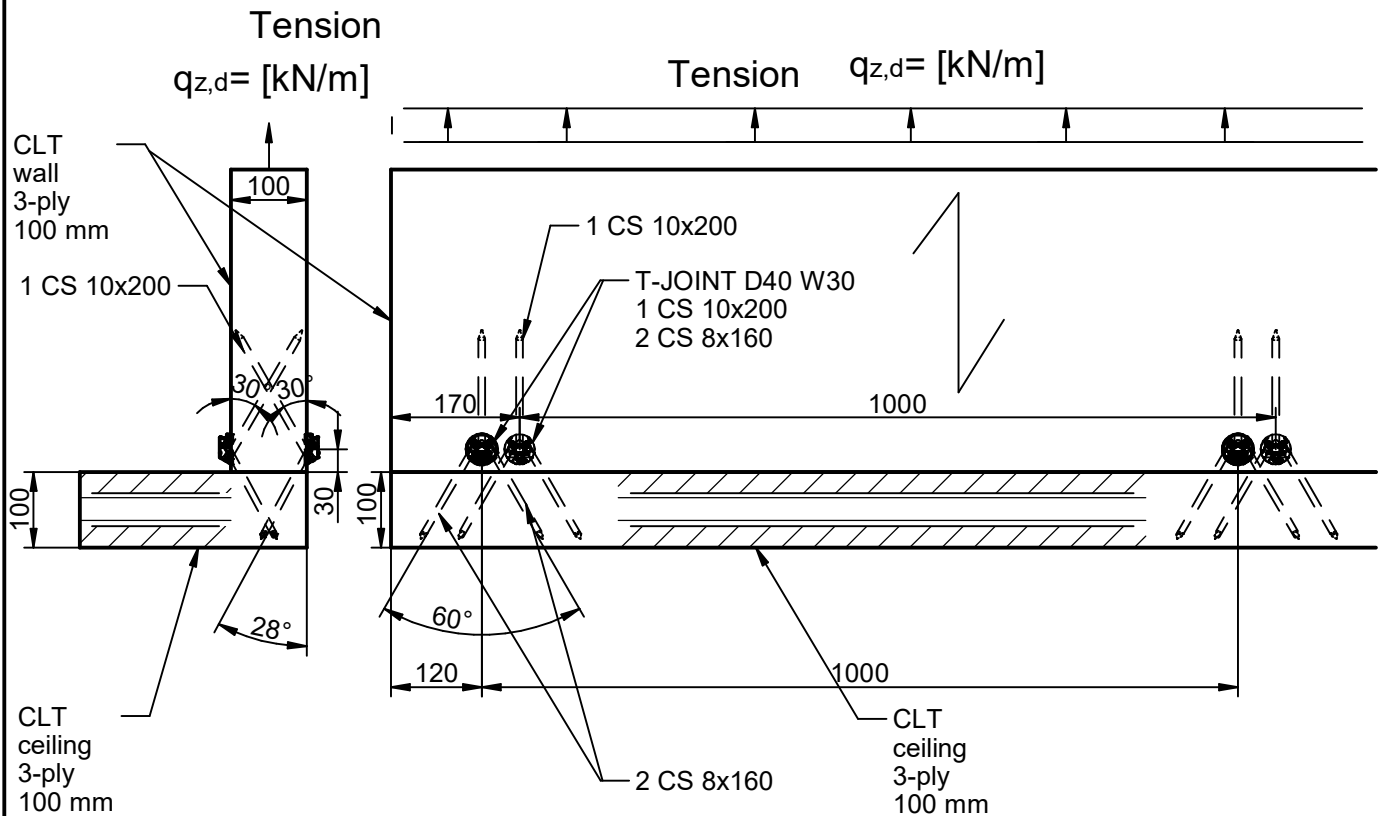


Assembly instructions T-JOINT D40/W30

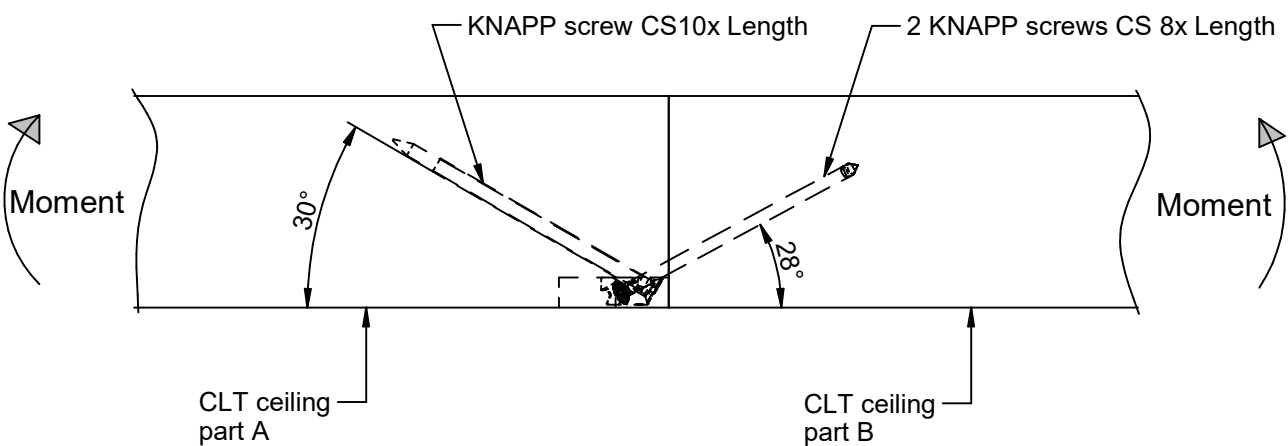
Art. No. Z404

Connector for tension joints

Practical example: CLT wall-ceiling tension connection



Practical example: Bending joint of CLT ceiling



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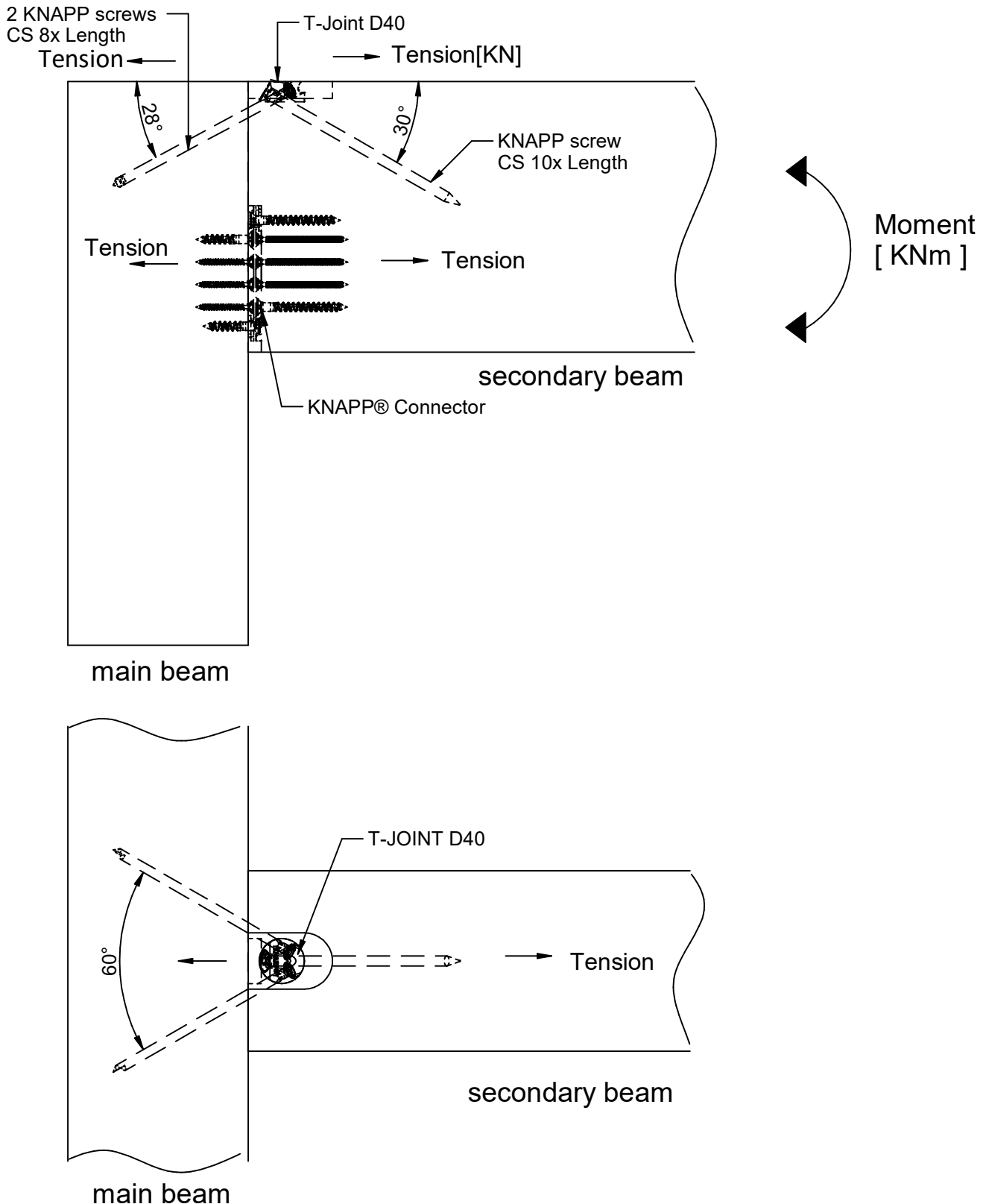
Assembly instructions

T-JOINT D40/W30

Art. No. Z404

Connector for tension joints

Practical example: Tensile joint of main and secondary beam



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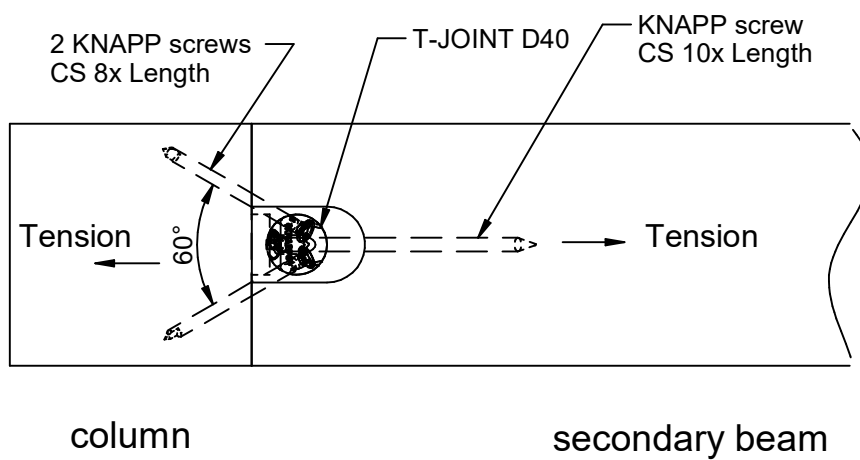
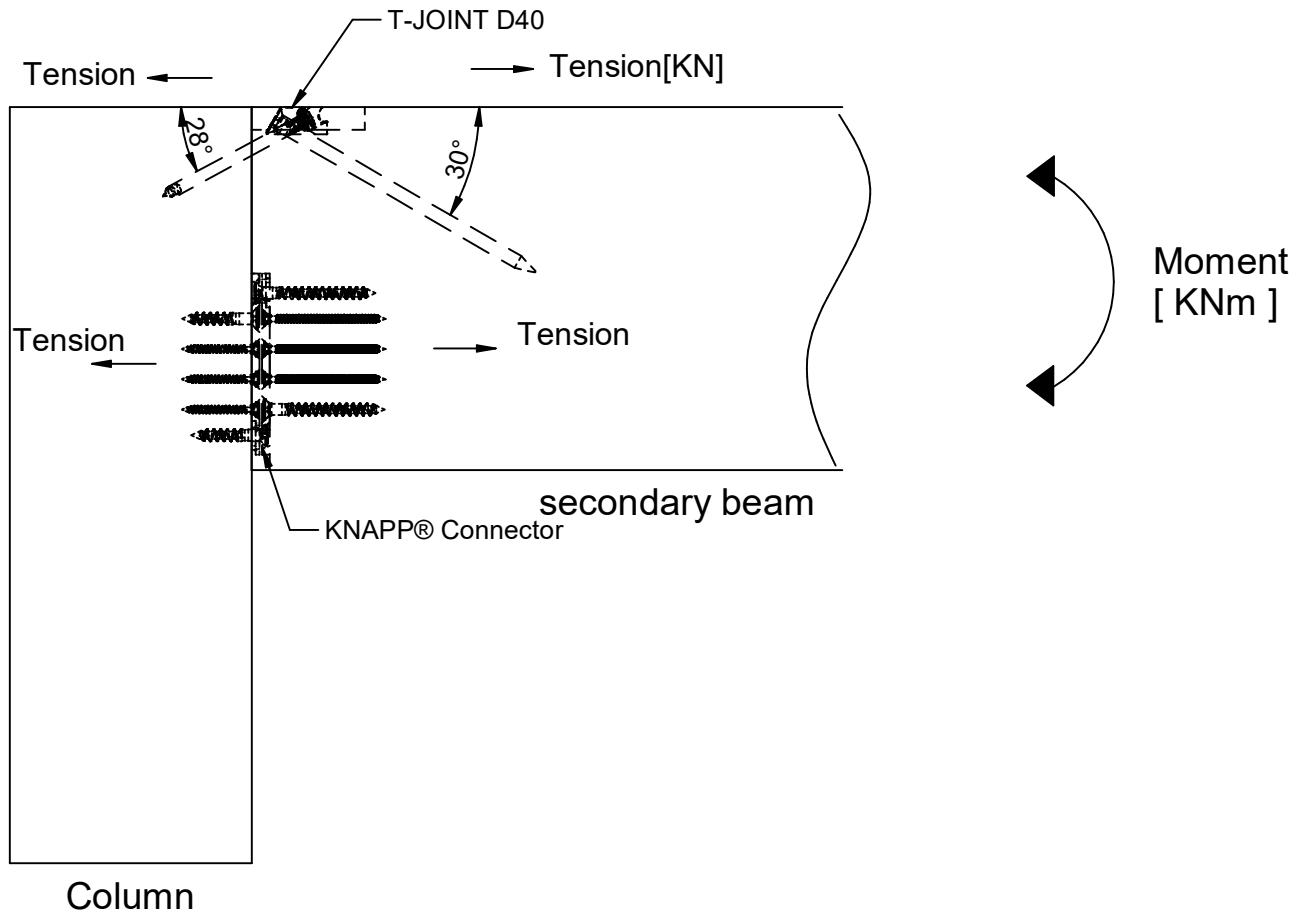
Assembly instructions

T-JOINT D40/W30

Art. No. Z404

Connector for tension joints

Practical example: Tensile joint of secondary beam and column





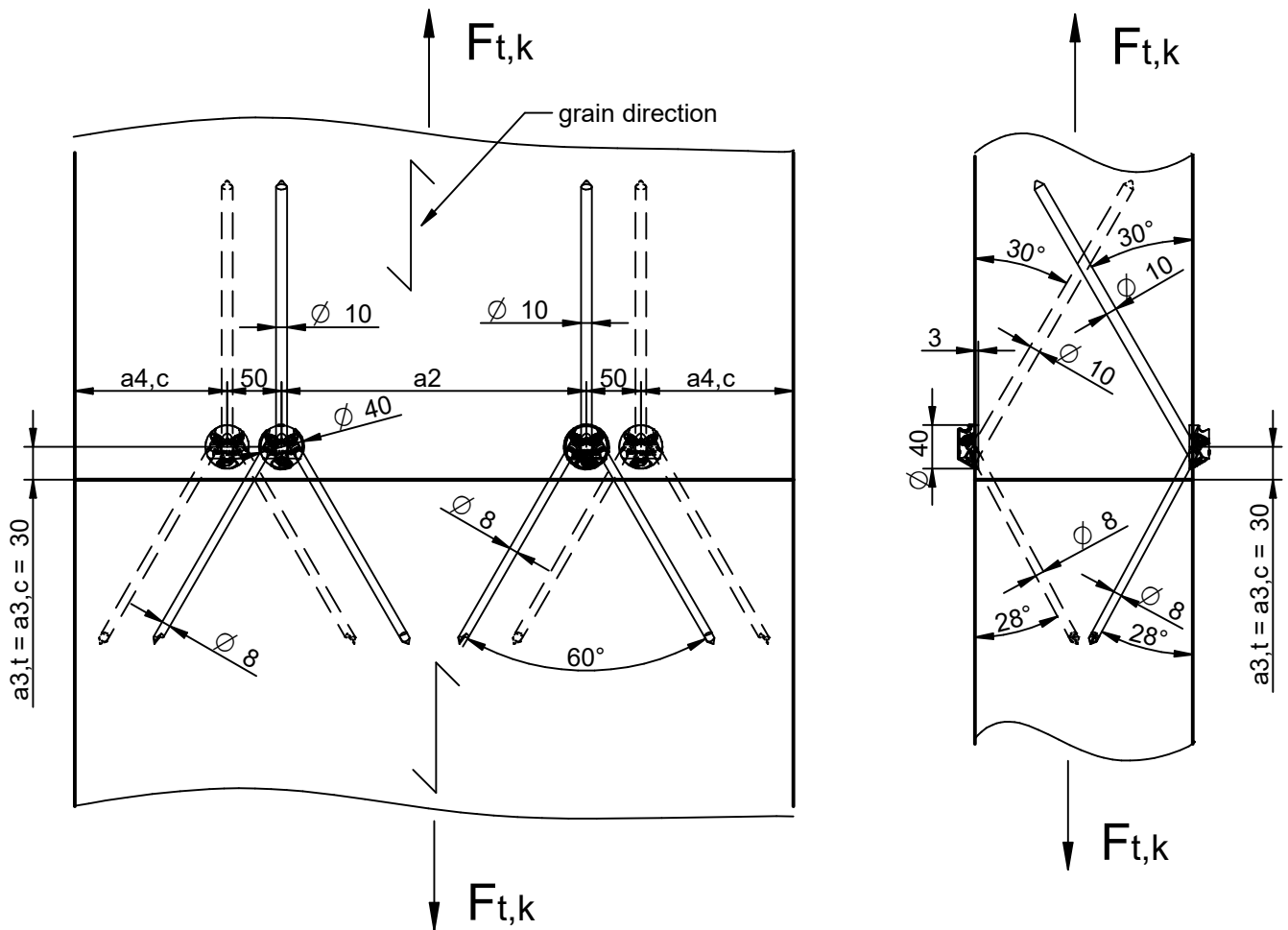
Assembly instructions

T-JOINT D40/W30

Art. No. Z404

Connector for tension joints

Practical example: Tensile joint of CLT wall (longitudinal grain direction)



$$a_2 = 2 \times L_{8mm} \times \sin 30^\circ + 40 \text{ mm}$$

$$a_{4,c} = L_{8mm} \times \sin 30^\circ + 20 \text{ mm}$$

L_{8mm} = length of 8 mm screw



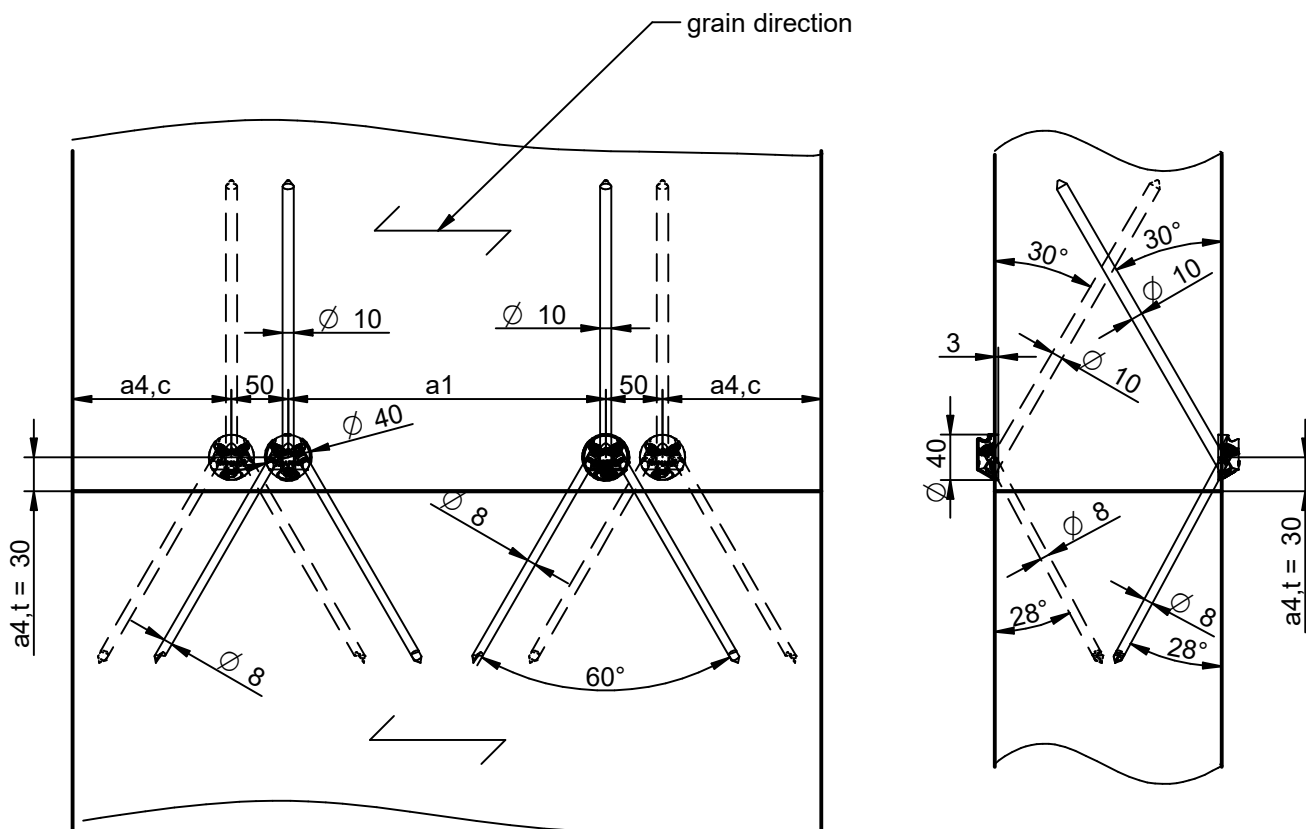
Assembly instructions

T-JOINT D40/W30

Art. No. Z404

Connector for tension joints

Practical example: Tensile joint of CLT wall (transversal grain direction)



$$a_1 = 2 \times L_{8mm} \times \sin 30^\circ + 40 \text{ mm}$$

$$a_{4,c} = L_{8mm} \times \sin 30^\circ + 20 \text{ mm}$$

L_{8mm} = length of 8 mm screw

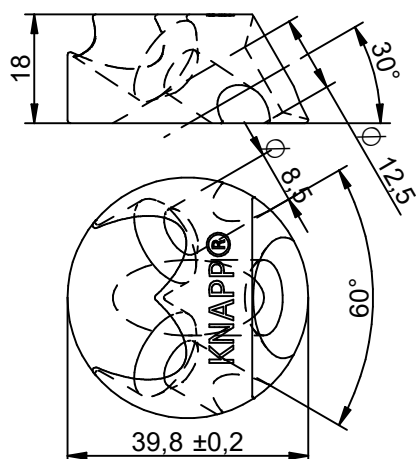


T-JOINT D40/W30

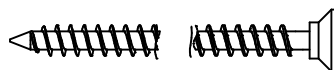
Réf. Z404

Connecteur pour ancrages et efforts de traction

T-JOINT D40/W30



Vis TF Ø8 mm x longueur

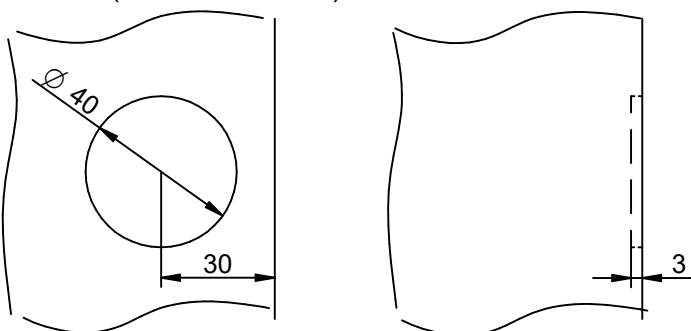


Vis TF Ø10 mm x longueur



1. Percer / Fraiser

Pérçage Ø 40mm, profondeur
3mm (connecteur visible)



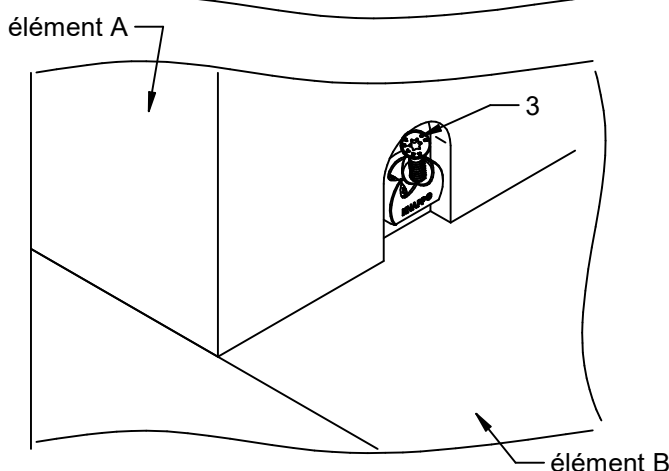
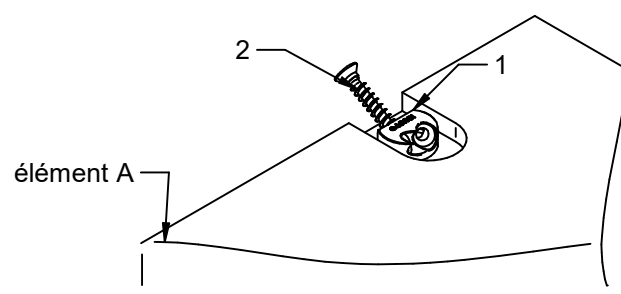
2. Vis / diamètres de perçage

Élément A	Ø vis	Ø perçage	Profondeur
Résineux	10	6	50

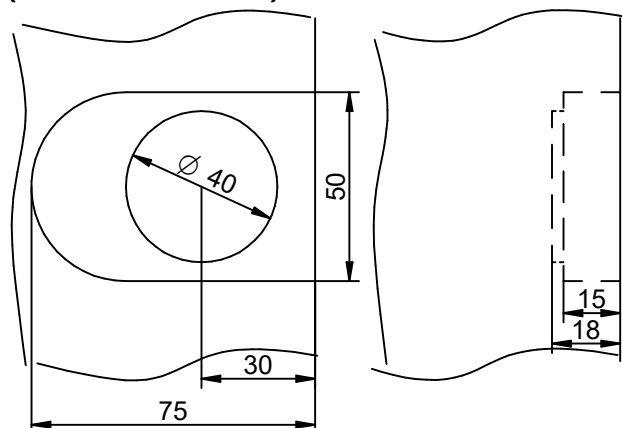
Élément B	Ø vis	Ø perçage	Profondeur
Résineux	8	5	50

Processus de montage :

1. Insérer T-JOINT
2. Fixer T-JOINT avec 1 vis Ø 10mm sur élément A
3. Fixer T-JOINT avec 2 vis Ø 8mm sur élément B



Pérçage Ø 40mm, profondeur 18mm
Fraisage Ø 50mm, profondeur 15mm
(connecteur encastré)



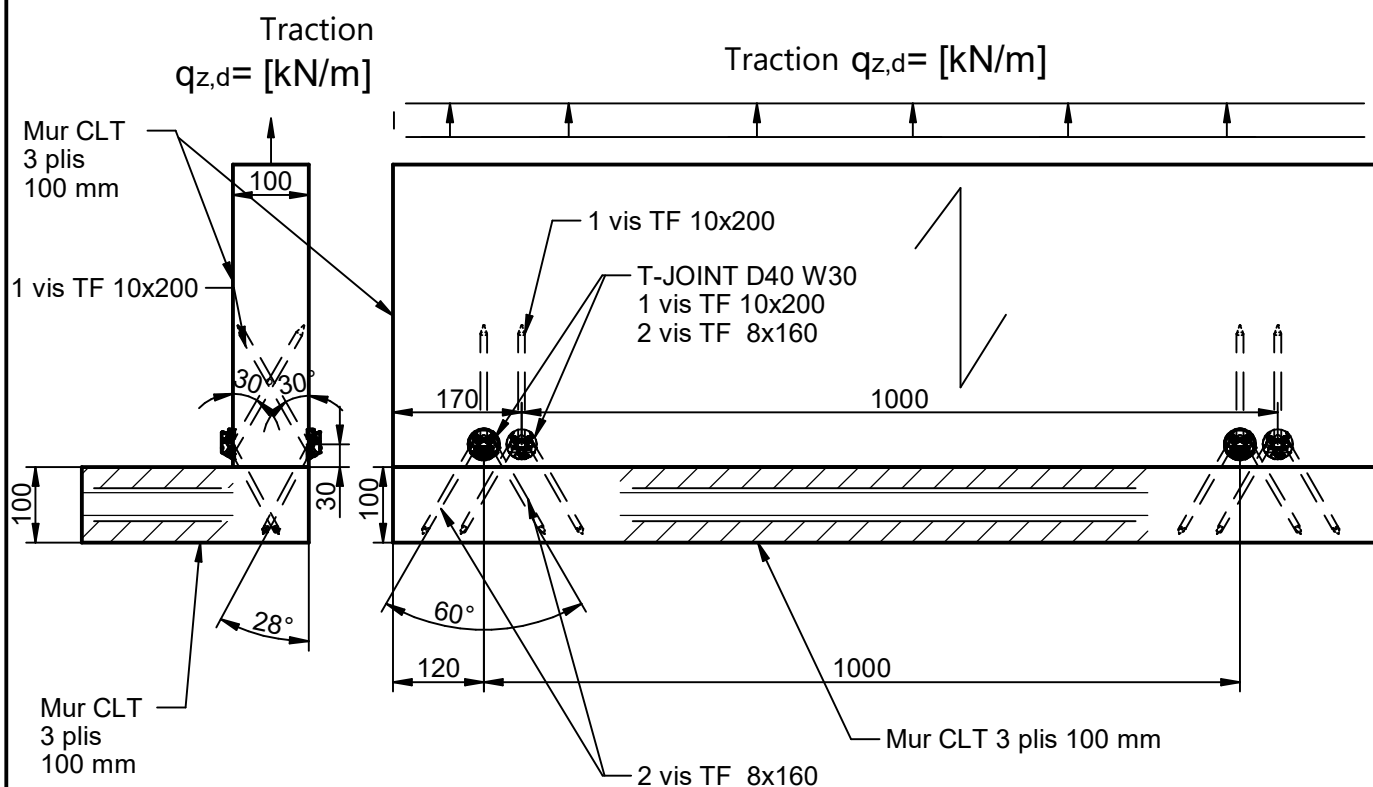


T-JOINT D40/W30

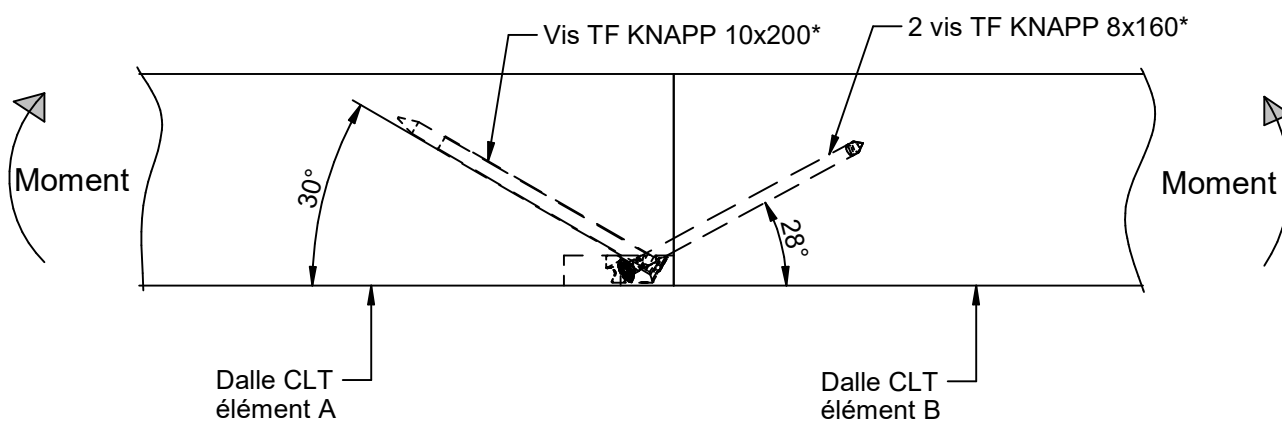
Réf. Z404

Connecteur pour ancrages et efforts de traction

Exemple de mise en œuvre d'éléments CLT : ancrage de mur sur dalle



Exemple de mise en œuvre d'éléments CLT : jonction de 2 dalles



(*) longueur variable suivant les contraintes d'assemblage

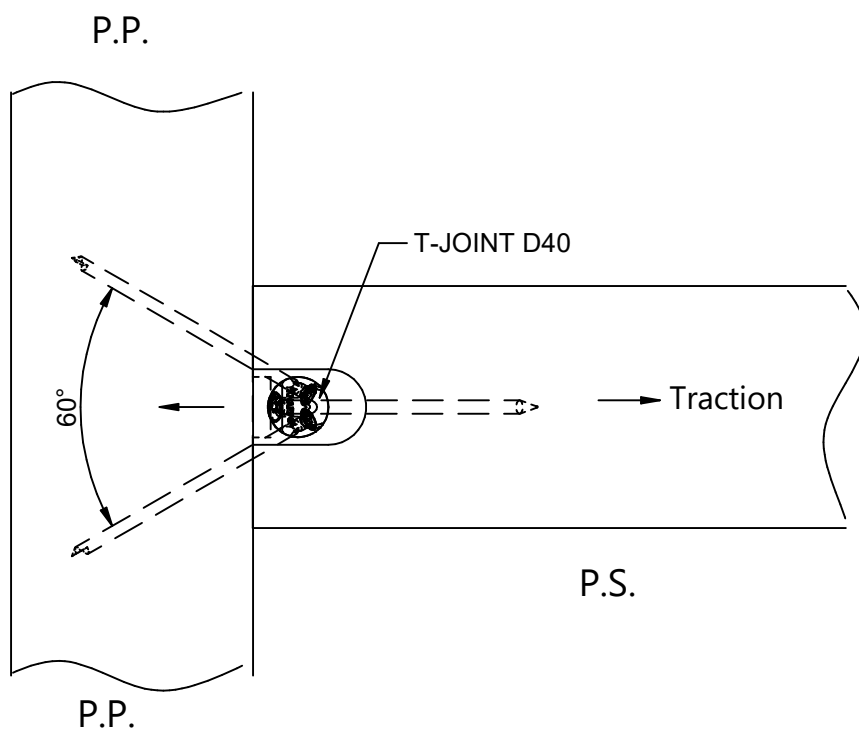
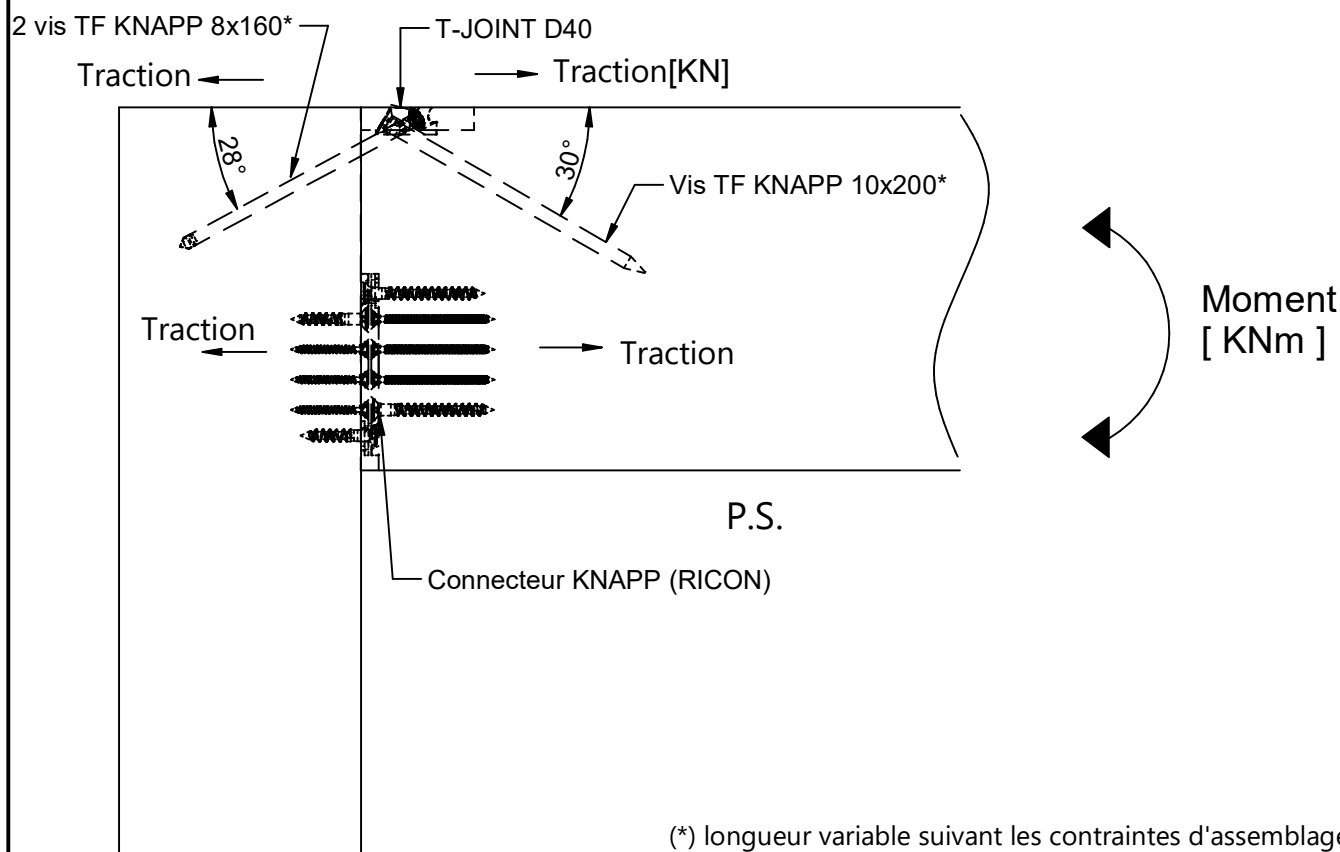


T-JOINT D40/W30

Réf. Z404

Connecteur pour ancrages et efforts de traction

Exemple de mise en œuvre : jonction poutres principale - secondaire



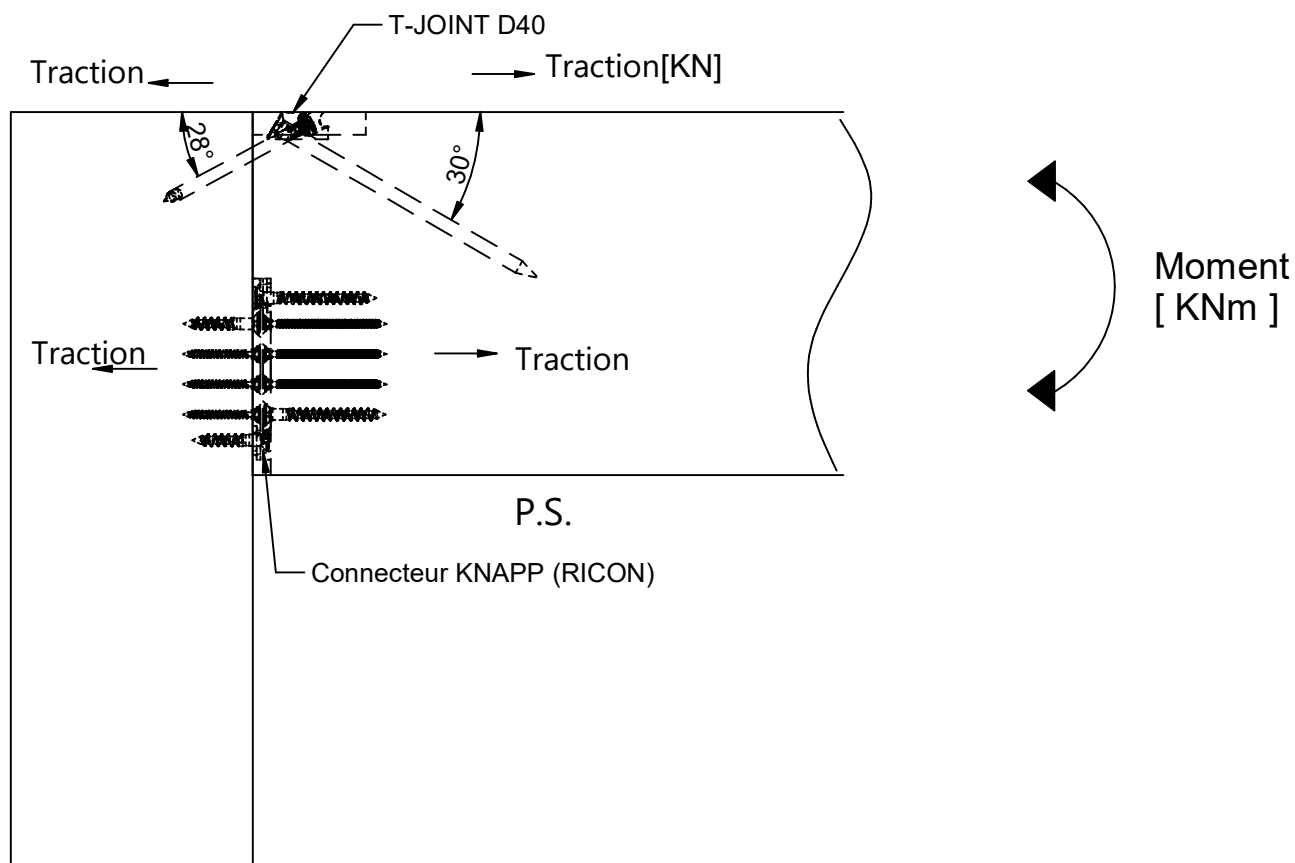


T-JOINT D40/W30

Réf. Z404

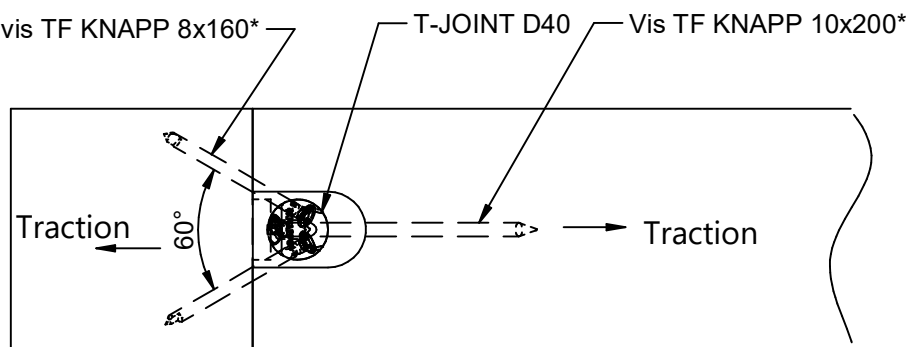
Connecteur pour ancrages et efforts de traction

Exemple de mise en œuvre : jonction poteau - poutre



Poteau

2 vis TF KNAPP 8x160*



Poteau

P.S.

(*) longueur variable suivant les contraintes d'assemblage

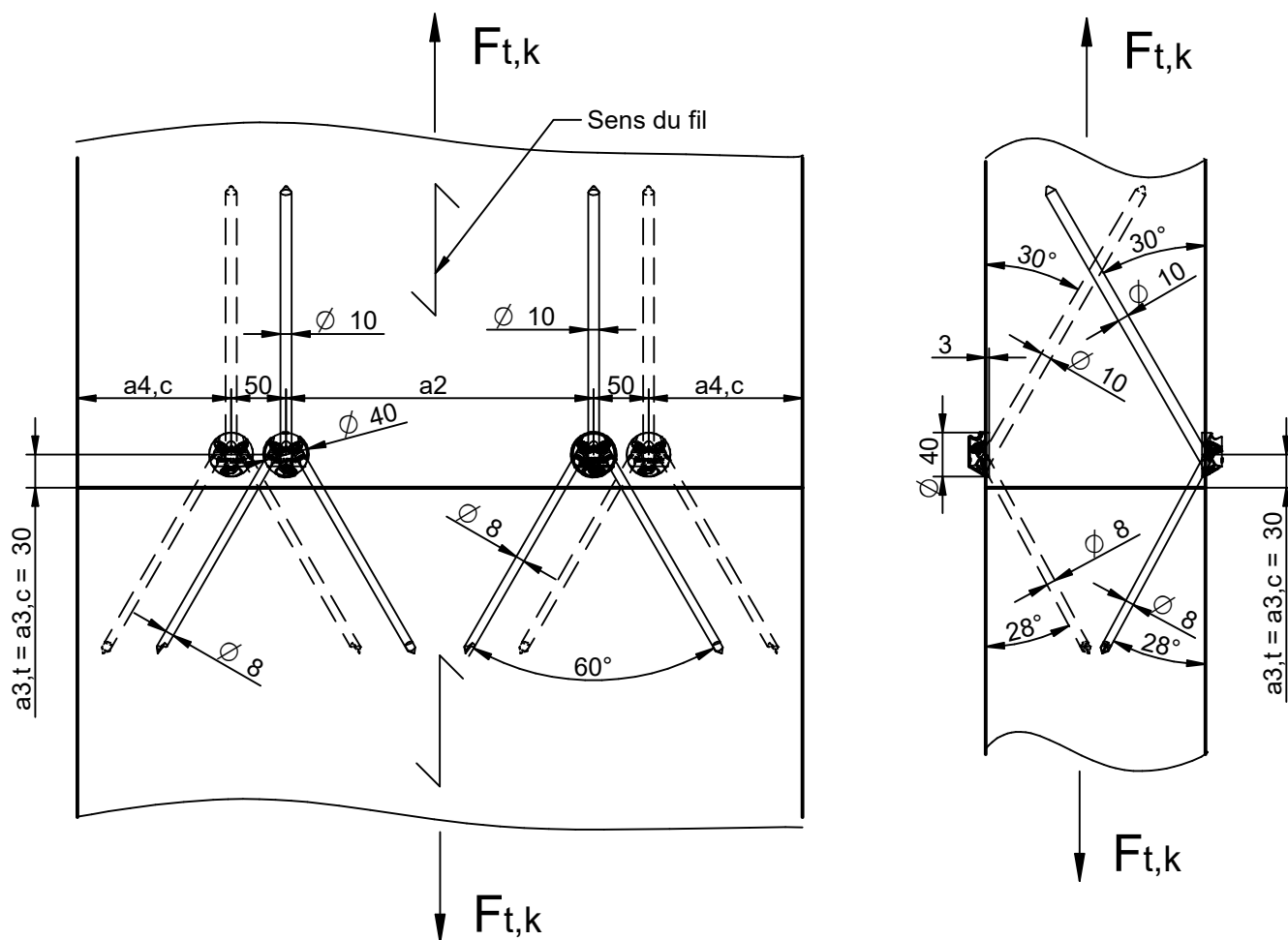


T-JOINT D40/W30

Réf. Z404

Connecteur pour ancrages et efforts de traction

Exemple de mise en œuvre d'éléments CLT : jonction de 2 murs (fil du bois vertical)



$$a_2 = 2 \times L_{8mm} \times \sin 30^\circ + 40 \text{ mm}$$

$$a_{4,c} = L_{8mm} \times \sin 30^\circ + 20 \text{ mm}$$

L_{8mm} = longueur des vis d-8 mm

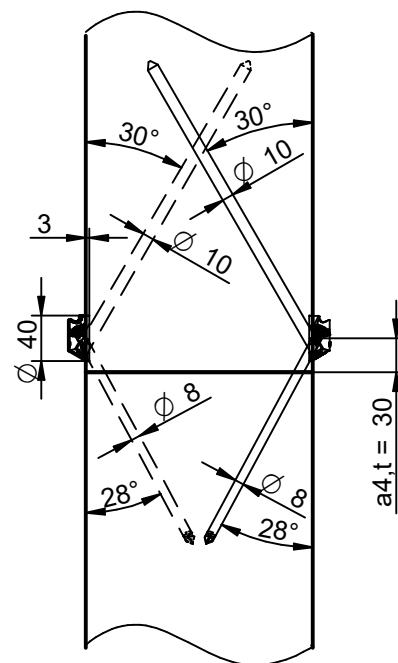
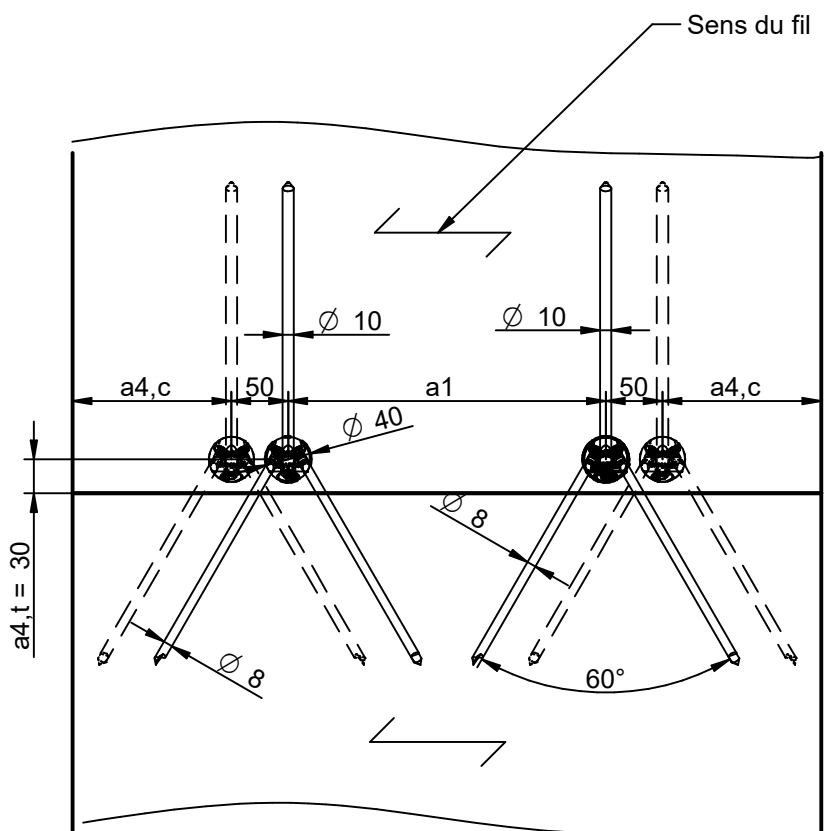


T-JOINT D40/W30

Réf. Z404

Connecteur pour ancrages et efforts de traction

Exemple de mise en œuvre d'éléments CLT : jonction de 2 murs (fil du bois horizontal)



$$a_1 = 2 \times L_{8mm} \times \sin 30^\circ + 40 \text{ mm}$$

$$a_{4,c} = L_{8mm} \times \sin 30^\circ + 20 \text{ mm}$$

L_{8mm} = longueur des vis d-8 mm



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