



Le sabot à ailes intérieures SAI est une variante du sabot à ailes extérieures qui permet d'apporter une plus grande discrétion dans l'assemblage. Son utilisation permet de répondre à des cas particuliers tels les assemblages en coin.



[FR-DoP-e06/0270](#), [ETA-06/0270](#)

## CARACTÉRISTIQUES

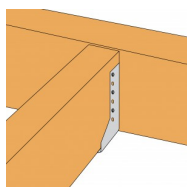
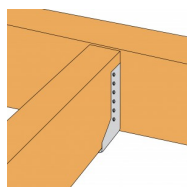


### Matière

- Acier galvanisé S250GD + Z275 suivant NF EN 10346
- Epaisseur : 2 mm

### Avantages

- Installation simple et rapide
- Discrétion de l'assemblage



## APPLICATIONS

### Support

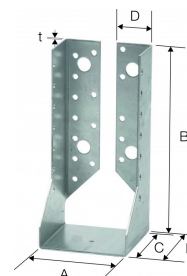
- **Porteur** : bois massif, bois composite, bois lamellé-collé
- **Porté** : bois massif, bois composite, bois lamellé-collé

### Domaines d'utilisation

- Solives,
- Pannes,
- Lisses et montants de bardage,
- Poteau poutre...

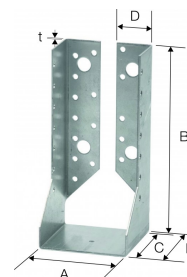
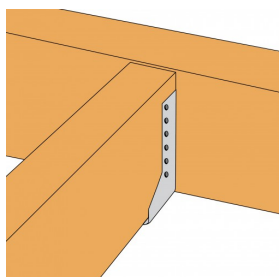
## DONNÉES TECHNIQUES

## Développés et largeurs



| Références | Développé [mm] | Avec perçages de pointes uniquement | Avec perçages de tirefonds et pointes |
|------------|----------------|-------------------------------------|---------------------------------------|
| SAI200     | 200            | 38 - 63 mm                          | 64 - 80 mm                            |
| SAI250     | 250            | 38 - 63 mm                          | 64 - 80 mm                            |
| SAI300     | 300            | 38 - 79 mm                          | 80 - 116 mm                           |
| SAIL340    | 340            | 38 - 79 mm                          | 80 - 116 mm                           |
| SAIL380    | 380            | 38 - 79 mm                          | 80 - 156 mm                           |
| SAIL440    | 440            | 38 - 79 mm                          | 80 - 156 mm                           |
| SAIL500    | 500            | 38 - 79 mm                          | 80 - 156 mm                           |

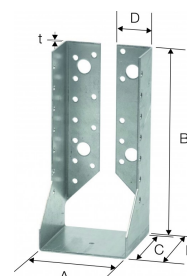
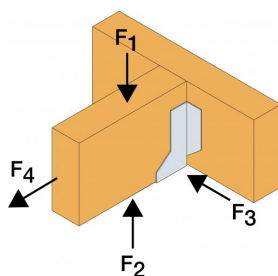
## Dimensions



| Références   | Dimensions poutre [mm] |      |         |      | Dimensions [mm] |     |    |      |    |   | Perçages sur porteur | Perçages sur porté |
|--------------|------------------------|------|---------|------|-----------------|-----|----|------|----|---|----------------------|--------------------|
|              | Largeur                |      | Hauteur |      | A               | B   | C  | D    | F  | t |                      |                    |
|              | Min.                   | Max. | Min.    | Max. |                 |     |    |      |    |   | Ø5                   | Ø5                 |
| SAI200/38/2  | 36                     | 38   | 91      | 122  | 38              | 81  | 76 | 17.5 | 82 | 2 | 4                    | 4                  |
| SAI250/38/2  | 36                     | 38   | 116     | 159  | 38              | 106 | 76 | 17.5 | 82 | 2 | 6                    | 6                  |
| SAI300/38/2  | 36                     | 38   | 141     | 197  | 38              | 131 | 84 | 18.5 | 86 | 2 | 8                    | 8                  |
| SAI200/60/2  | 58                     | 60   | 80      | 105  | 60              | 70  | 76 | 17.5 | 82 | 2 | 4                    | 4                  |
| SAI250/60/2  | 58                     | 60   | 105     | 143  | 60              | 95  | 76 | 17.5 | 82 | 2 | 6                    | 6                  |
| SAIL300/60/2 | 58                     | 60   | 130     | 180  | 60              | 120 | 84 | 18.5 | 86 | 2 | 8                    | 8                  |
| SAI200/64/2  | 62                     | 64   | 78      | 102  | 64              | 68  | 76 | 34   | 82 | 2 | 4                    | 4                  |
| SAI250/64/2  | 62                     | 64   | 103     | 140  | 64              | 93  | 76 | 34   | 82 | 2 | 6                    | 6                  |
| SAI300/64/2  | 62                     | 64   | 128     | 177  | 64              | 118 | 76 | 34   | 82 | 2 | 16                   | 9                  |
| SAI340/64/2  | 62                     | 64   | 148     | 207  | 64              | 138 | 76 | 34   | 82 | 2 | 16                   | 10                 |
| SAI380/64/2  | 62                     | 64   | 168     | 237  | 64              | 158 | 76 | 34   | 82 | 2 | 20                   | 12                 |
| SAI200/70/2  | 68                     | 70   | 75      | 98   | 70              | 65  | 76 | 34   | 82 | 2 | 6                    | 4                  |
| SAI250/70/2  | 68                     | 70   | 100     | 135  | 70              | 90  | 76 | 34   | 82 | 2 | 10                   | 6                  |

| Références   | Dimensions poutre [mm] |      |         |      | Dimensions [mm] |     |    |      |    |   | Perçages sur porteur | Perçages sur porté |
|--------------|------------------------|------|---------|------|-----------------|-----|----|------|----|---|----------------------|--------------------|
|              | Largeur                |      | Hauteur |      | A               | B   | C  | D    | F  | t | Ø5                   | Ø5                 |
|              | Min.                   | Max. | Min.    | Max. |                 |     |    |      |    |   |                      |                    |
| SAI300/70/2  | 68                     | 70   | 125     | 173  | 70              | 115 | 76 | 34   | 82 | 2 | 16                   | 9                  |
| SAI340/70/2  | 68                     | 70   | 145     | 203  | 70              | 135 | 76 | 34   | 82 | 2 | 16                   | 10                 |
| SAI380/70/2  | 68                     | 70   | 165     | 233  | 70              | 155 | 76 | 34   | 82 | 2 | 20                   | 12                 |
| SAI440/70/2  | 68                     | 70   | 195     | 278  | 70              | 185 | 76 | 34   | 82 | 2 | 26                   | 15                 |
| SAI200/76/2  | 74                     | 76   | 72      | 93   | 76              | 62  | 76 | 34   | 82 | 2 | 6                    | 4                  |
| SAI250/76/2  | 74                     | 76   | 97      | 131  | 76              | 87  | 76 | 34   | 82 | 2 | 10                   | 6                  |
| SAI300/76/2  | 74                     | 76   | 122     | 168  | 76              | 112 | 76 | 34   | 82 | 2 | 16                   | 9                  |
| SAI340/76/2  | 74                     | 76   | 142     | 198  | 76              | 132 | 76 | 34   | 82 | 2 | 16                   | 10                 |
| SAI380/76/2  | 74                     | 76   | 162     | 228  | 76              | 152 | 76 | 34   | 82 | 2 | 20                   | 12                 |
| SAI440/76/2  | 74                     | 76   | 192     | 273  | 76              | 182 | 76 | 34   | 82 | 2 | 26                   | 15                 |
| SAI200/80/2  | 78                     | 80   | 70      | 90   | 80              | 60  | 76 | 34   | 82 | 2 | 6                    | 4                  |
| SAI250/80/2  | 78                     | 80   | 95      | 128  | 80              | 85  | 76 | 34   | 82 | 2 | 10                   | 6                  |
| SAI300/80/2  | 78                     | 80   | 120     | 165  | 80              | 110 | 76 | 34   | 82 | 2 | 16                   | 9                  |
| SAI340/80/2  | 78                     | 80   | 140     | 195  | 80              | 130 | 76 | 34   | 82 | 2 | 16                   | 10                 |
| SAI380/80/2  | 78                     | 80   | 160     | 225  | 80              | 150 | 76 | 34   | 82 | 2 | 20                   | 12                 |
| SAI440/80/2  | 78                     | 80   | 190     | 270  | 80              | 180 | 76 | 34   | 82 | 2 | 26                   | 15                 |
| SAI500/80/2  | 78                     | 80   | 220     | 315  | 80              | 210 | 76 | 34   | 82 | 2 | 32                   | 18                 |
| SAI380/90/2  | 88                     | 90   | 155     | 218  | 90              | 145 | 76 | 34   | 82 | 2 | 20                   | 12                 |
| SAI440/90/2  | 88                     | 90   | 185     | 263  | 90              | 175 | 76 | 34   | 82 | 2 | 26                   | 15                 |
| SAI500/90/2  | 88                     | 90   | 215     | 308  | 90              | 205 | 76 | 34   | 82 | 2 | 32                   | 18                 |
| SAI380/92/2  | 90                     | 92   | 154     | 216  | 92              | 144 | 84 | 41.5 | 86 | 2 | 20                   | 10                 |
| SAI440/95/2  | 93                     | 95   | 183     | 260  | 95              | 173 | 76 | 34   | 82 | 2 | 26                   | 15                 |
| SAI340/100/2 | 98                     | 100  | 130     | 180  | 100             | 120 | 76 | 34   | 82 | 2 | 16                   | 10                 |
| SAI380/100/2 | 98                     | 100  | 150     | 210  | 100             | 140 | 76 | 34   | 82 | 2 | 20                   | 12                 |
| SAI440/100/2 | 98                     | 100  | 180     | 255  | 100             | 170 | 76 | 34   | 82 | 2 | 26                   | 15                 |
| SAI500/100/2 | 98                     | 100  | 210     | 300  | 100             | 200 | 76 | 34   | 82 | 2 | 32                   | 18                 |
| SAI300/102/2 | 100                    | 102  | 109     | 149  | 102             | 99  | 76 | 41.5 | 86 | 2 | 16                   | 9                  |
| SAI380/120/2 | 118                    | 120  | 140     | 195  | 120             | 130 | 76 | 34   | 82 | 2 | 20                   | 12                 |
| SAI440/120/2 | 118                    | 120  | 170     | 240  | 120             | 160 | 76 | 34   | 82 | 2 | 26                   | 15                 |
| SAI500/120/2 | 118                    | 120  | 200     | 285  | 120             | 190 | 76 | 34   | 82 | 2 | 32                   | 18                 |
| SAI440/136/2 | 134                    | 136  | 162     | 228  | 136             | 152 | 84 | 41.5 | 86 | 2 | 26                   | 13                 |
| SAI500/140/2 | 138                    | 140  | 190     | 270  | 140             | 180 | 84 | 41.5 | 86 | 2 | 32                   | 16                 |

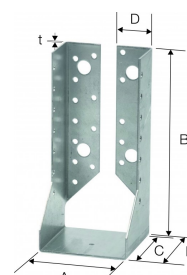
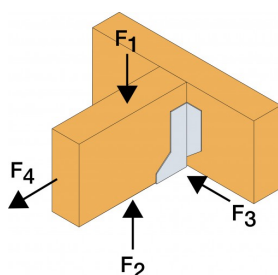
## Valeurs caractéristiques - Solive sur poutre - Clouage total



| Références  | Valeurs caractéristiques - Bois sur bois - Clouage total |          |  |           |                  |           |                  |           |                  |           |
|-------------|--|----------|--|-----------|------------------|-----------|------------------|-----------|------------------|-----------|
|             | Fixations  |          | Valeurs caractéristiques - Bois C24 [kN] |           |                  |           |                  |           |                  |           |
|             | Porteur  | Porté    | R <sub>1,k</sub>                         |           | R <sub>2,k</sub> |           | R <sub>3,k</sub> |           | R <sub>4,k</sub> |           |
|             | Quantité   | Quantité | CNA4,0x35                                | CNA4,0x50 | CNA4,0x35        | CNA4,0x50 | CNA4,0x35        | CNA4,0x50 | CNA4,0x35        | CNA4,0x50 |
| SAI200/38/2 | 4  | 4        | 2.8                                      | -         | 1.5              | -         | 1.8              | -         | 1.2              | -         |
| SAI250/38/2 | 6  | 6        | 4.5                                      | -         | 2.9              | -         | 1.7              | -         | 1.8              | -         |
| SAI300/38/2 | 8  | 8        | 8.1                                      | -         | 4.5              | -         | 1.3              | -         | 2.5              | -         |
| SAI200/60/2 | 4  | 4        | 2.2                                      | 3.4       | 1.5              | 2.4       | 2.1              | 3.3       | 1.2              | 2         |

| Références    | Valeurs caractéristiques - Bois sur bois - Clouage total |          |  |           |                  |           |                  |           |                  |           |
|---------------|--|----------|--|-----------|------------------|-----------|------------------|-----------|------------------|-----------|
|               | Fixations  |          | Valeurs caractéristiques - Bois C24 [kN] |           |                  |           |                  |           |                  |           |
|               | Porteur  | Porté    | R <sub>1,k</sub>                         |           | R <sub>2,k</sub> |           | R <sub>3,k</sub> |           | R <sub>4,k</sub> |           |
|               | Quantité   | Quantité | CNA4,0x35                                | CNA4,0x50 | CNA4,0x35        | CNA4,0x50 | CNA4,0x35        | CNA4,0x50 | CNA4,0x35        | CNA4,0x50 |
| SAI250/60/2   | 6  | 6        | 3.6                                      | 5.6       | 2.9              | 4.5       | 2.9              | 3.9       | 1.8              | 2.9       |
| SAIL300/60/2  | 8  | 8        | 7.3                                      | 11        | 4.5              | 7         | 1.3              | 1.8       | 2.5              | 3.9       |
| SAI200/64/2   | 6  | 4        | 3.6                                      | 5.6       | 2.1              | 3.3       | 2.2              | 3.3       | 1.8              | 2.9       |
| SAI250/64/2   | 10   | 6        | 6.6                                      | 10.2      | 4.2              | 6.6       | 3                | 4.5       | 3.1              | 4.9       |
| SAI300/64/2   | 16   | 9        | 11.8                                     | 18.1      | 9.5              | 14.8      | 4.2              | 6.2       | 4.9              | 7.8       |
| SAI340/64/2   | 16   | 10       | 14.8                                     | 22.2      | 9.5              | 14.8      | 4.3              | 6.2       | 4.9              | 7.8       |
| SAI380/64/2   | 20   | 12       | 19.5                                     | 29        | 13.4             | 20.7      | 5                | 7.2       | 6.1              | 9.8       |
| SAI200/70/2   | 6  | 4        | 3.3                                      | 5.2       | 2.1              | 3.3       | 2.2              | 3.4       | 1.8              | 2.9       |
| SAI250/70/2   | 10   | 6        | 6.2                                      | 9.7       | 4.2              | 6.6       | 3.1              | 4.7       | 3.1              | 4.9       |
| SAI300/70/2   | 16   | 9        | 11.3                                     | 17.4      | 9.5              | 14.8      | 4.4              | 6.5       | 4.9              | 7.8       |
| SAI340/70/2   | 16   | 10       | 14.4                                     | 21.6      | 9.5              | 14.8      | 4.5              | 6.6       | 4.9              | 7.8       |
| SAI380/70/2   | 20   | 12       | 19                                       | 28.4      | 13.4             | 20.7      | 5.3              | 7.6       | 6.1              | 9.8       |
| SAI440/70/2   | 26   | 15       | 27                                       | 37.7      | 19.3             | 29.6      | 5.7              | 8.1       | 8                | 12.7      |
| SAI200/76/2   | 6  | 4        | 3  | 4.7       | 2.1              | 3.3       | 2.3              | 3.5       | 1.8              | 2.9       |
| SAI250/76/2   | 10   | 6        | 5.8                                      | 9.1       | 4.2              | 6.6       | 3.2              | 4.8       | 3.1              | 4.9       |
| SAI300/76/2   | 16   | 9        | 10.8                                     | 16.6      | 9.5              | 14.8      | 4.6              | 6.8       | 4.9              | 7.8       |
| SAI340/76/2   | 16   | 10       | 14                                       | 21        | 9.5              | 14.8      | 4.7              | 6.9       | 4.9              | 7.8       |
| SAI380/76/2   | 20   | 12       | 18.5                                     | 27.7      | 13.4             | 20.7      | 5.5              | 8         | 6.1              | 9.8       |
| SAI440/76/2   | 26   | 15       | 26.5                                     | 37.7      | 19.3             | 29.6      | 6                | 8.6       | 8                | 12.7      |
| SAI200/80/2   | 6  | 4        | 2.8                                      | 4.4       | 2.1              | 3.3       | 2.3              | 3.5       | 1.8              | 2.9       |
| SAI250/80/2   | 10   | 6        | 5.6                                      | 8.7       | 4.2              | 6.6       | 3.2              | 4.9       | 3.1              | 4.9       |
| SAI300/80/2   | 16   | 9        | 10.4                                     | 16.1      | 9.5              | 14.8      | 4.6              | 7         | 4.9              | 7.8       |
| SAI340/80/2   | 16   | 10       | 13.6                                     | 20.6      | 9.5              | 14.8      | 4.8              | 7.1       | 4.9              | 7.8       |
| SAI380/80/2   | 20   | 12       | 18.2                                     | 27.3      | 13.4             | 20.7      | 5.7              | 8.3       | 6.1              | 9.8       |
| SAI440/80/2   | 26   | 15       | 26.1                                     | 37.7      | 19.3             | 29.6      | 6.2              | 8.9       | 8                | 12.7      |
| SAI500/80/2   | 32   | 18       | 33.5                                     | 44.3      | 28.3             | 39.9      | 6.9              | 9.7       | 9.8              | 15.7      |
| SAI380/90/2   | 20   | 12       | 17.3                                     | 26.1      | 13.4             | 20.7      | 5.9              | 8.8       | 6.1              | 9.8       |
| SAI440/90/2   | 26   | 15       | 25.2                                     | 37.5      | 19.3             | 29.6      | 6.7              | 9.6       | 8                | 12.7      |
| SAI500/90/2   | 32   | 18       | 33                                       | 44.3      | 28.3             | 39.9      | 7.4              | 10.5      | 9.8              | 15.7      |
| SAIL380/92/2  | 20   | 10       | 18.5                                     | 26.6      | 13.4             | 20.7      | 3.2              | 4.2       | 6.1              | 9.8       |
| SAI440/95/2   | 26   | 15       | 24.7                                     | 36.8      | 19.3             | 29.6      | 6.8              | 10        | 8                | 12.7      |
| SAI340/100/2  | 16   | 10       | 12                                       | 18.4      | 9.5              | 14.8      | 5.3              | 7.9       | 4.9              | 7.8       |
| SAI380/100/2  | 20   | 12       | 16.4                                     | 24.8      | 13.4             | 20.7      | 6.2              | 9.3       | 6.1              | 9.8       |
| SAI440/100/2  | 26   | 15       | 24.2                                     | 36.2      | 19.3             | 29.6      | 7                | 10.3      | 8                | 12.7      |
| SAI500/100/2  | 32   | 18       | 31.9                                     | 44.3      | 28.3             | 39.9      | 7.9              | 11.3      | 9.8              | 15.7      |
| SAI300/102/2  | 16   | 9        | 8.5                                      | 13.3      | 9.5              | 14.8      | 5                | 7.6       | 4.9              | 7.8       |
| SAI380/120/2  | 20   | 12       | 14.5                                     | 22.2      | 13.4             | 20.7      | 6.5              | 10        | 6.1              | 9.8       |
| SAI440/120/2  | 26   | 15       | 22.1                                     | 33.4      | 19.3             | 29.6      | 7.6              | 11.3      | 8                | 12.7      |
| SAI500/120/2  | 32   | 18       | 29.7                                     | 44.3      | 28.3             | 39.9      | 8.6              | 12.7      | 9.8              | 15.7      |
| SAIL440/136/2 | 26   | 13       | 21.4                                     | 32.5      | 20.4             | 28.8      | 4.8              | 6.3       | 8                | 12.7      |
| SAIL500/140/2 | 32   | 16       | 29                                       | 39.9      | 26.8             | 35.5      | 6.5              | 8.5       | 9.8              | 15.7      |

## Valeurs caractéristiques - Connexion bois sur bois - Clouage partiel



| Références   | Valeurs Caractéristiques - Bois sur bois - Clouage partiel |          |  |           |                  |           |                  |           |                  |           |
|--------------|--|----------|--|-----------|------------------|-----------|------------------|-----------|------------------|-----------|
|              | Fixations  |          | Valeurs caractéristiques - Bois C24 [kN] |           |                  |           |                  |           |                  |           |
|              | Porteur  | Porté    | R <sub>1,k</sub>                         |           | R <sub>2,k</sub> |           | R <sub>3,k</sub> |           | R <sub>4,k</sub> |           |
|              | Quantité   | Quantité | CNA4,0x35                                | CNA4,0x50 | CNA4,0x35        | CNA4,0x50 | CNA4,0x35        | CNA4,0x50 | CNA4,0x35        | CNA4,0x50 |
| SAI250/64/2  | 6  | 4        | 3.7                                      | 5.8       | 2.9              | 4.5       | 2                | 3         | 1.8              | 2.9       |
| SAI300/64/2  | 10   | 5        | 7.7                                      | 11.8      | 6.5              | 10        | 2.4              | 3.5       | 3.1              | 4.9       |
| SAI340/64/2  | 10   | 6        | 9.7                                      | 14.4      | 6.5              | 10        | 2.6              | 3.7       | 3.1              | 4.9       |
| SAI380/64/2  | 12   | 6        | 12.3                                     | 17.7      | 8.7              | 13.3      | 2.5              | 3.6       | 3.7              | 5.9       |
| SAI250/70/2  | 6  | 4        | 3.5                                      | 5.4       | 2.9              | 4.5       | 2.1              | 3.1       | 1.8              | 2.9       |
| SAI300/70/2  | 10   | 5        | 7.4                                      | 11.3      | 6.5              | 10        | 2.4              | 3.6       | 3.1              | 4.9       |
| SAI340/70/2  | 10   | 6        | 9.4                                      | 14        | 6.5              | 10        | 2.7              | 4         | 3.1              | 4.9       |
| SAI380/70/2  | 12   | 6        | 12                                       | 17.7      | 8.7              | 13.3      | 2.6              | 3.8       | 3.7              | 5.9       |
| SAI440/70/2  | 14   | 8        | 14.5                                     | 21.4      | 11.2             | 17        | 3.1              | 4.3       | 4.3              | 6.9       |
| SAI250/76/2  | 6  | 4        | -  | -         | 2.9              | 4.5       | 2.1              | 3.2       | 1.8              | 2.9       |
| SAI300/76/2  | 10   | 5        | 7.1                                      | 10.9      | 6.5              | 10        | 2.5              | 3.8       | 3.1              | 4.9       |
| SAI340/76/2  | 10   | 6        | 9.1                                      | 13.6      | 6.5              | 10        | 2.8              | 4.2       | 3.1              | 4.9       |
| SAI380/76/2  | 12   | 6        | 11.8                                     | 17.5      | 8.7              | 13.3      | 2.8              | 4         | 3.7              | 5.9       |
| SAI440/76/2  | 14   | 8        | 14.2                                     | 21        | 11.2             | 17        | 3.2              | 4.6       | 4.3              | 6.9       |
| SAI250/80/2  | 6  | 4        | -  | -         | 2.9              | 4.5       | 2.2              | 3.3       | 1.8              | 2.9       |
| SAI300/80/2  | 10   | 5        | 6.9                                      | 10.6      | 6.5              | 10        | 2.6              | 3.9       | 3.1              | 4.9       |
| SAI340/80/2  | 10   | 6        | 8.9                                      | 13.4      | 6.5              | 10        | 2.9              | 4.3       | 3.1              | 4.9       |
| SAI380/80/2  | 12   | 6        | 11.5                                     | 17.2      | 8.7              | 13.3      | 2.8              | 4.1       | 3.7              | 5.9       |
| SAI440/80/2  | 14   | 8        | 14                                       | 20.7      | 11.2             | 17        | 3.3              | 4.7       | 4.3              | 6.9       |
| SAI500/80/2  | 18   | 10       | 19.7                                     | 26.6      | 16.8             | 22.2      | 3.8              | 5.4       | 5.5              | 8.8       |
| SAI380/90/2  | 12   | 6        | 11                                       | 16.5      | 8.7              | 13.3      | 3                | 4.4       | 3.7              | 5.9       |
| SAI440/90/2  | 14   | 8        | 13.5                                     | 20        | 11.2             | 17        | 3.5              | 5.1       | 4.3              | 6.9       |
| SAI500/90/2  | 18   | 10       | 19.2                                     | 26.6      | 16.8             | 22.2      | 4.1              | 5.9       | 5.5              | 8.8       |
| SAI380/92/2  | 10   | 6        | 10.4                                     | 15.3      | 6.4              | 10        | 1.6              | 2.2       | 3.1              | 4.9       |
| SAI440/95/2  | 14   | 8        | 13.2                                     | 19.7      | 11.2             | 17        | 3.6              | 5.3       | 4.3              | 6.9       |
| SAI340/100/2 | 10   | 6        | 7.9                                      | 12        | 6.5              | 10        | 3.2              | 4.8       | 3.1              | 4.9       |
| SAI380/100/2 | 12   | 6        | 10.5                                     | 15.8      | 8.7              | 13.3      | 3.1              | 4.6       | 3.7              | 5.9       |
| SAI440/100/2 | 14   | 8        | 12.9                                     | 19.3      | 11.2             | 17        | 3.7              | 5.5       | 4.3              | 6.9       |
| SAI500/100/2 | 18   | 10       | 18.6                                     | 26.6      | 16.8             | 22.2      | 4.4              | 6.3       | 5.5              | 8.8       |
| SAI300/102/2 | 10   | 5        | 5.7                                      | 8.9       | 6.5              | 10        | 2.8              | 4.2       | 3.1              | 4.9       |
| SAI380/120/2 | 12   | 6        | 9.4                                      | 14.3      | 8.7              | 13.3      | 3.3              | 5         | 3.7              | 5.9       |
| SAI440/120/2 | 14   | 8        | 11.7                                     | 17.8      | 11.2             | 17        | 4                | 6         | 4.3              | 6.9       |
| SAI500/120/2 | 18   | 10       | 17.4                                     | 25.9      | 16.8             | 22.2      | 4.8              | 7         | 5.5              | 8.8       |
| SAI440/136/2 | 12   | 8        | 11.7                                     | 17.3      | 11.1             | 16.7      | 2.1              | 2.7       | 3.7              | 5.9       |
| SAI500/140/2 | 16   | 8        | 16.1                                     | 22.2      | 13.4             | 17.7      | 3.3              | 4.4       | 4.9              | 7.8       |

## MISE EN OEUVRE

## Fixations

**Sur porté :**

- Pointes annelées CNA Ø 4.0 x 50 mm
- Pointes annelées CNA Ø 4.0 x 35 mm pour les épaisseurs inférieures à 60 mm
- Vis CSA Ø 5.0 x 40 mm
- Vis CSA Ø 5.0 x 35 mm pour les épaisseurs inférieures à 60 mm

**Sur porteur :**

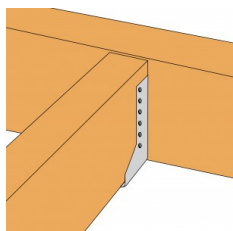
- Pointes annelées CNA Ø 4.0 x 50 mm
- Pointes annelées CNA Ø 4.0 x 35 mm pour les épaisseurs inférieures à 60 mm
- Vis CSA Ø 5.0 x 40 mm
- Vis CSA Ø 5.0 x 35 mm pour les épaisseurs inférieures à 60 mm

**Non recommandé sur support béton du fait d'un entraxe entre les chevilles trop faible.**

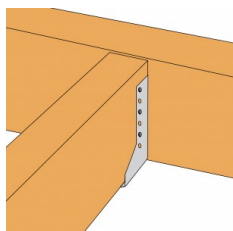
## Installation

**Sur Bois :**

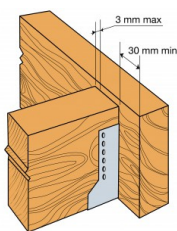
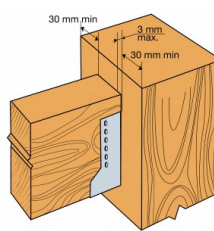
1. Tracer l'emplacement de la poutre portée sur le porteur,
2. Présenter le sabot et préfixer les ailes de chaque côté,
3. Ajuster le sabot par rapport aux tracés : le sabot doit être légèrement plus ouvert en haut que en bas pour faciliter l'installation de la poutre portée,
4. Finaliser la fixation sur chaque aile,
5. Présenter la poutre portée dans le sabot et la fixer en clouage partiel ou total.



Clouage total



Clouage partiel

Assemblage  
bois massif sur  
solive boisAssemblage  
bois massif sur  
poteau bois