

## SAI-SAIL

### Estribo con alas interiores

*El estribo SAI es una variante del estribo con alas exteriores que consigue que las uniones resulten más discretas. Su uso permite dar respuesta a las necesidades de casos específicos, como las uniones en cuña.*

*Su utilización permite responder a casos particulares como las ensambladuras en cuña.*

## Características

### Materia

- Acero galvanizado S250GD + Z275 según NF EN 10346,
- Espesor 2 mm.

### Ventajas

- Instalación rápida y sencilla,
- Uniones con un acabado discreto,
- Anchuras a elegir según los intervalos indicados.

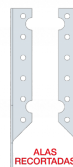
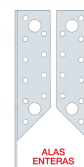
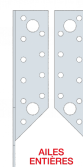
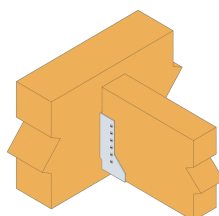
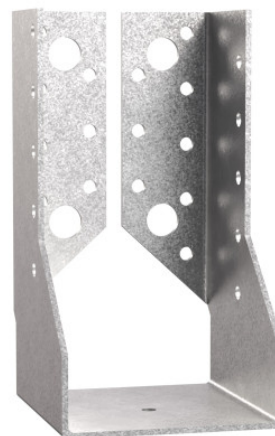
## Aplicaciones

### Soporte

- **Elemento principal** : madera maciza, madera compuesta o madera laminada,
- **Elemento secundario** : madera maciza, madera compuesta o madera laminada.

### Campos de aplicación

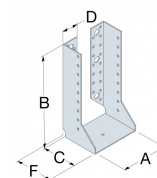
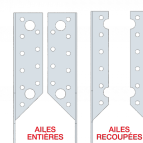
- Vigas,
- Correas,
- Largueros y montantes de revestimientos,
- Uniones pilar-viga...



## SAI-SAIL Estribo con alas interiores

### Datos técnicos

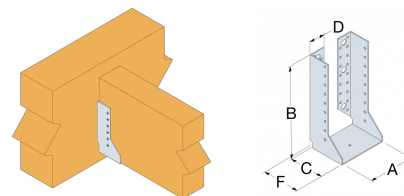
#### Desarrollos y anchuras



| Modelo  | Desarrollo [mm] | Unicamente con agujeros para puntas (Alas recortadas) | Con agujeros para tirafondos y puntas (Alas enteras) |
|---------|-----------------|-------------------------------------------------------|------------------------------------------------------|
| SAI200  | 200             | 38 - 63 mm                                            | 64 - 80 mm                                           |
| SAI250  | 250             | 38 - 63 mm                                            | 64 - 80 mm                                           |
| SAIL300 | 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                                          |

Para obtener más información sobre los valores de carga en función de la anchura del estribo, contacte con nuestro Departamento Técnico.

## SAI-SAIL Estribo con alas interiores



### Dimensiones

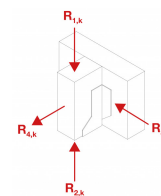
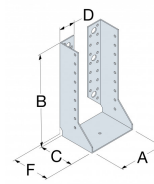
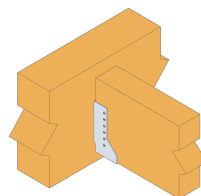
| Modelo        | Dimensiones de la viga [mm] |      |        |      | Dimensiones [mm] |     |    |      |    |   | Agujeros soporte |    | Agujeros viga |  | Peso [kg] |
|---------------|-----------------------------|------|--------|------|------------------|-----|----|------|----|---|------------------|----|---------------|--|-----------|
|               | Anchura                     |      | Altura |      | A                | B   | C  | D    | F  | t | Ø5               | Ø5 |               |  |           |
|               | Mín.                        | Máx. | Mín.   | Máx. |                  |     |    |      |    |   |                  |    |               |  |           |
| SAI200/38/2   | 36                          | 38   | 91     | 122  | 38               | 81  | 76 | 17.5 | 82 | 2 | 4                | 4  | 0.24          |  |           |
| SAI250/38/2   | 36                          | 38   | 116    | 159  | 38               | 106 | 76 | 17.5 | 82 | 2 | 6                | 6  | 0.3           |  |           |
| SAIL300/38/2  | 36                          | 38   | 141    | 197  | 38               | 131 | 84 | 18.5 | 86 | 2 | 8                | 8  | 0.36          |  |           |
| SAIL300/40/2  | 38                          | 40   | 140    | 195  | 40               | 130 | 84 | 18.5 | 86 | 2 | 8                | 8  | 0.36          |  |           |
| SAI200/60/2   | 58                          | 60   | 80     | 105  | 60               | 70  | 76 | 17.5 | 82 | 2 | 4                | 4  | 0.24          |  |           |
| SAI250/60/2   | 58                          | 60   | 105    | 143  | 60               | 95  | 76 | 17.5 | 82 | 2 | 6                | 6  | 0.3           |  |           |
| SAIL300/60/2  | 58                          | 60   | 130    | 180  | 60               | 120 | 84 | 18.5 | 86 | 2 | 8                | 8  | 0.36          |  |           |
| SAI200/64/2   | 62                          | 64   | 78     | 102  | 64               | 68  | 76 | 34   | 82 | 2 | 4                | 4  | 0.24          |  |           |
| SAI250/64/2   | 62                          | 64   | 103    | 140  | 64               | 93  | 76 | 34   | 82 | 2 | 6                | 6  | 0.3           |  |           |
| SAI300/64/2   | 62                          | 64   | 128    | 177  | 64               | 118 | 76 | 34   | 82 | 2 | 16               | 9  | 0.36          |  |           |
| SAI340/64/2   | 62                          | 64   | 148    | 207  | 64               | 138 | 76 | 34   | 82 | 2 | 16               | 10 | 0.4           |  |           |
| SAI380/64/2   | 62                          | 64   | 168    | 237  | 64               | 158 | 76 | 34   | 82 | 2 | 20               | 12 | 0.44          |  |           |
| SAI200/70/2   | 68                          | 70   | 75     | 98   | 70               | 65  | 76 | 34   | 82 | 2 | 6                | 4  | 0.24          |  |           |
| SAI250/70/2   | 68                          | 70   | 100    | 135  | 70               | 90  | 76 | 34   | 82 | 2 | 10               | 6  | 0.3           |  |           |
| SAI300/70/2   | 68                          | 70   | 125    | 173  | 70               | 115 | 76 | 34   | 82 | 2 | 16               | 9  | 0.36          |  |           |
| SAI340/70/2   | 68                          | 70   | 145    | 203  | 70               | 135 | 76 | 34   | 82 | 2 | 16               | 10 | 0.4           |  |           |
| SAI380/70/2   | 68                          | 70   | 165    | 233  | 70               | 155 | 76 | 34   | 82 | 2 | 20               | 12 | 0.44          |  |           |
| SAI200/76/2   | 74                          | 76   | 72     | 93   | 76               | 62  | 76 | 34   | 82 | 2 | 6                | 4  | 0.24          |  |           |
| SAI250/76/2   | 74                          | 76   | 97     | 131  | 76               | 87  | 76 | 34   | 82 | 2 | 10               | 6  | 0.3           |  |           |
| SAI300/76/2   | 74                          | 76   | 122    | 168  | 76               | 112 | 76 | 34   | 82 | 2 | 16               | 9  | 0.36          |  |           |
| SAI340/76/2   | 74                          | 76   | 142    | 198  | 76               | 132 | 76 | 34   | 82 | 2 | 16               | 10 | 0.4           |  |           |
| SAI380/76/2   | 74                          | 76   | 162    | 228  | 76               | 152 | 76 | 34   | 82 | 2 | 20               | 12 | 0.44          |  |           |
| SAI440/76/2   | 74                          | 76   | 192    | 273  | 76               | 182 | 76 | 34   | 82 | 2 | 26               | 15 | 0.52          |  |           |
| SAI200/80/2   | 78                          | 80   | 70     | 90   | 80               | 60  | 76 | 34   | 82 | 2 | 6                | 4  | 0.24          |  |           |
| SAI250/80/2   | 78                          | 80   | 95     | 128  | 80               | 85  | 76 | 34   | 82 | 2 | 10               | 6  | 0.3           |  |           |
| SAI300/80/2   | 78                          | 80   | 120    | 165  | 80               | 110 | 76 | 34   | 82 | 2 | 16               | 9  | 0.36          |  |           |
| SAI340/80/2   | 78                          | 80   | 140    | 195  | 80               | 130 | 76 | 34   | 82 | 2 | 16               | 10 | 0.4           |  |           |
| SAI380/80/2   | 78                          | 80   | 160    | 225  | 80               | 150 | 76 | 34   | 82 | 2 | 20               | 12 | 0.44          |  |           |
| SAI440/80/2   | 78                          | 80   | 190    | 270  | 80               | 180 | 76 | 34   | 82 | 2 | 26               | 15 | 0.52          |  |           |
| SAI500/80/2   | 78                          | 80   | 220    | 315  | 80               | 210 | 76 | 34   | 82 | 2 | 32               | 18 | 0.56          |  |           |
| SAI380/90/2   | 88                          | 90   | 155    | 218  | 90               | 145 | 76 | 34   | 82 | 2 | 20               | 12 | 0.44          |  |           |
| SAI440/90/2   | 88                          | 90   | 185    | 263  | 90               | 175 | 76 | 34   | 82 | 2 | 26               | 15 | 0.52          |  |           |
| SAI500/90/2   | 88                          | 90   | 215    | 308  | 90               | 205 | 76 | 34   | 82 | 2 | 32               | 18 | 0.56          |  |           |
| SAIL380/92/2  | 90                          | 92   | 154    | 216  | 92               | 144 | 84 | 41.5 | 86 | 2 | 20               | 10 | 0.44          |  |           |
| SAI440/95/2   | 93                          | 95   | 183    | 260  | 95               | 173 | 76 | 34   | 82 | 2 | 26               | 15 | 0.52          |  |           |
| SAI340/100/2  | 98                          | 100  | 130    | 180  | 100              | 120 | 76 | 34   | 82 | 2 | 16               | 10 | 0.4           |  |           |
| SAI380/100/2  | 98                          | 100  | 150    | 210  | 100              | 140 | 76 | 34   | 82 | 2 | 20               | 12 | 0.44          |  |           |
| SAI440/100/2  | 98                          | 100  | 180    | 255  | 100              | 170 | 76 | 34   | 82 | 2 | 26               | 15 | 0.52          |  |           |
| SAI500/100/2  | 98                          | 100  | 210    | 300  | 100              | 200 | 76 | 34   | 82 | 2 | 32               | 18 | 0.56          |  |           |
| SAI380/120/2  | 118                         | 120  | 140    | 195  | 120              | 130 | 76 | 34   | 82 | 2 | 20               | 12 | 0.44          |  |           |
| SAI440/120/2  | 118                         | 120  | 170    | 240  | 120              | 160 | 76 | 34   | 82 | 2 | 26               | 15 | 0.52          |  |           |
| SAI500/120/2  | 118                         | 120  | 200    | 285  | 120              | 190 | 76 | 34   | 82 | 2 | 32               | 18 | 0.56          |  |           |
| SAIL440/136/2 | 134                         | 136  | 162    | 228  | 136              | 152 | 84 | 41.5 | 86 | 2 | 26               | 13 | 0.52          |  |           |

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| Modelo       | Dimensiones de la viga [mm] |      |        |      | Dimensiones [mm] |     |    |      |    |   | Agujeros soporte | Agujeros viga | Peso [kg] |
|--------------|-----------------------------|------|--------|------|------------------|-----|----|------|----|---|------------------|---------------|-----------|
|              | Anchura                     |      | Altura |      | A                | B   | C  | D    | F  | t | Ø5               | Ø5            |           |
|              | Mín.                        | Máx. | Mín.   | Máx. |                  |     |    |      |    |   |                  |               |           |
| SAI500/140/2 | 138                         | 140  | 190    | 270  | 140              | 180 | 84 | 41.5 | 86 | 2 | 32               | 16            | 0.56      |
| SAI380/91/2  | 88                          | 91   | -      | -    | 91               | 145 | 76 | 34   | 82 | 2 | 20               | 10            | -         |
| SAI500/125/2 | 122                         | 125  | -      | -    | 125              | 188 | 76 | 34   | 82 | 2 | 32               | 16            | -         |

## SAI-SAIL Estribo con alas interiores

Valores Característicos - Viga sobre viga -  
Clavado total



Valores Característicos - Madera sobre madera - Clavado total

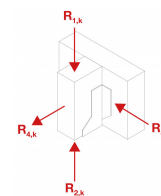
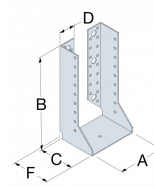
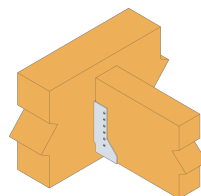
| Modelo       | Valores Característicos - Madera sobre madera - Clavado total |                 |                                           |           |                  |           |                  |           |                  |           |
|--------------|---------------------------------------------------------------|-----------------|-------------------------------------------|-----------|------------------|-----------|------------------|-----------|------------------|-----------|
|              | Fijaciones                                                    |                 | Valores Característicos - Madera C24 [kN] |           |                  |           |                  |           |                  |           |
|              | Soporte                                                       | Viga secundaria | R <sub>1,k</sub>                          |           | R <sub>2,k</sub> |           | R <sub>3,k</sub> |           | R <sub>4,k</sub> |           |
|              | Nº                                                            | Nº              | 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              | -         |
| SAIL300/38/2 | 8                                                             | 8               | 8.1                                       | -         | 6.2              | -         | 2.8              | -         | 2.5              | -         |
| SAIL300/40/2 | 8                                                             | 8               | 8                                         | -         | 6.2              | -         | 2.9              | -         | 2.5              | -         |
| SAI200/60/2  | 4                                                             | 4               | 2.2                                       | 3.4       | 1.5              | 2.4       | 2.1              | 3.3       | 1.2              | 2         |
| 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        | 6.2              | 9.5       | 3.7              | 5.3       | 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       |
| 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      | 5                | 7.4       | 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      |

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### Estribo con alas interiores

[illegible]

Valores Característicos - Madera sobre madera - Clavado parcial



Valores Característicos - Madera sobre madera - Clavado parcial

| Modelo       | Valores Característicos - Madera sobre madera - Clavado parcial |                 |                                           |           |                  |           |                  |           |                  |           |
|--------------|-----------------------------------------------------------------|-----------------|-------------------------------------------|-----------|------------------|-----------|------------------|-----------|------------------|-----------|
|              | Fijaciones                                                      |                 | Valores Característicos - Madera C24 [kN] |           |                  |           |                  |           |                  |           |
|              | Soporte                                                         | Viga secundaria | R <sub>1,k</sub>                          |           | R <sub>2,k</sub> |           | R <sub>3,k</sub> |           | R <sub>4,k</sub> |           |
|              | Nº                                                              | Nº              | 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       |
| SAI250/76/2  | 6                                                               | 4               | 3.2                                       | 5         | 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               | 3                                         | 4.8       | 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      | 8.4              | 12.7      | 3                | 4.5       | 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      | 10.8             | 16.2      | 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       |
| SAI380/91/2  | -                                                               | -               | -                                         | -         | -                | -         | -                | -         | -                | -         |
| SAI500/125/2 | -                                                               | -               | -                                         | -         | -                | -         | -                | -         | -                | -         |

Los valores indicados en la tabla más arriba son válidos para la aplicación viga sobre viga y viga sobre pilar, siempre que se respeten las plantillas de clavado parciales específicas para cada configuración indicadas en nuestro ETE-06/0270 página 17.

## Instalación

### Fijaciones

#### **Sobre el elemento secundario :**

- Puntas anilladas CNA Ø 4.0x50 mm,
- Puntas anilladas CNA Ø 4.0x35 mm para espesores inferiores a 60 mm,
- Tornillos CSA Ø 5.0x40 mm,
- Tornillos CSA Ø 5.0x 35 mm para espesores inferiores a 60 mm.

#### **Sobre el elemento principal :**

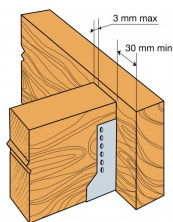
- Puntas anilladas CNA Ø 4.0x50 mm,
- Puntas anilladas CNA Ø 4.0x35 mm para espesores inferiores a 60 mm,
- Tornillos CSA Ø 5.0x40 mm,
- Tornillos CSA Ø 5.0x 35 mm para espesores inferiores a 60 mm.

**No se recomienda utilizarlos si el elemento de soporte es de hormigón, ya que implicaría una separación demasiado pequeña entre los centros de los anclajes.**

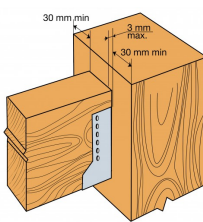
### Instalación

#### **Sobre madera :**

1. Trace la situación de la viga secundaria sobre el elemento principal,
2. Presente el estribo y prefije las alas,
3. Ajuste el estribo según los trazados previos. El estribo debe estar ligeramente más abierto por arriba que por abajo para facilitar la colocación de la viga principal,
4. Finalice la fijación en cada ala,
5. Presente la viga secundaria en el estribo y fijela según un clavado total o parcial.



*Assemblage bois massif sur solive bois*



*Assemblage bois massif sur poteau bois*

