

BSIN

Trámová botka BSIN

Se používají pro připojení sekundárního svazku na hlavní podporu nebo podpory..

## Features

### Materiál

#### Kvalita oceli:

S 250 GD+Z 275 dle norem DIN EN 10346

#### Ochrana proti korozi:

275 g/m pozinkováno z obou stran cca 20mm

### Vorteile

- Kromě standardních rozměrů je možno vyrábět různé formáty

## Applications

### Anwendbare Materialien

#### Dřevo, výrobky ze dřeva

### Anwendungsbereich

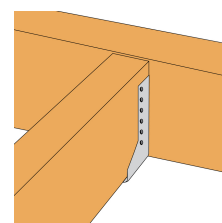
- Se používají pro připojení sekundárního svazku na hlavní podporu



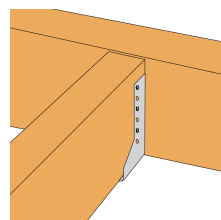
SAI Internal Flange Hanger



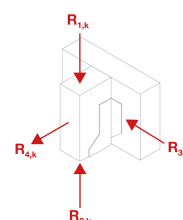
Internal Flange Face Fix Hanger SAIL



Full nailing



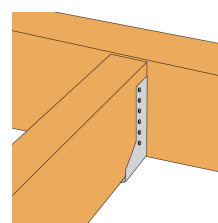
Partial Nailing



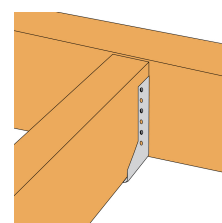
SAI Internal Flange Hanger



Internal Flange Face Fix Hanger SAIL



Full nailing



Partial Nailing

BSIN

Trámová botka BSIN

## Technical Data

Rozměry a typické hodnoty



| Reference   | konektor rozměry   |              |                     |       |       |       |       |                 |                 |
|-------------|--------------------|--------------|---------------------|-------|-------|-------|-------|-----------------|-----------------|
|             | ostatní            |              | rozměry výrobku[mm] |       |       |       |       | Header otvory   | nosník otvory   |
|             | množství v krabici | hmotnost[kg] | A[mm]               | B[mm] | D[mm] | F[mm] | t[mm] | kulatý<br>Ø[mm] | kulatý<br>Ø[mm] |
| BSIN40/105  | 50                 | 0.28         | 40                  | 105   | 17.5  | 82    | 2     | 6               | 6               |
| BSIN45/78   | 50                 | 0.22         | 45                  | 77.5  | 17.5  | 82    | 2     | 4               | 4               |
| BSIN48/166  | 40                 | 0.44         | 48                  | 166   | 18.5  | 86    | 2     | 10              | 10              |
| BSIN60/95   | 50                 | 0.28         | 60                  | 95    | 17.5  | 82    | 2     | 6               | 6               |
| BSIN60/160  | 40                 | 0.44         | 60                  | 160   | 18.5  | 86    | 2     | 10              | 10              |
| BSIN64/93   | 50                 | 0.28         | 64                  | 93    | 34    | 82    | 2     | 10              | 6               |
| BSIN80/110  | 50                 | 0.36         | 80                  | 110   | 34    | 82    | 2     | 16              | 9               |
| BSIN80/130  | 40                 | 0.4          | 80                  | 130   | 34    | 82    | 2     | 16              | 10              |
| BSIN80/150  | 40                 | 0.44         | 80                  | 150   | 34    | 82    | 2     | 20              | 12              |
| BSIN80/180  | 30                 | 0.52         | 80                  | 180   | 34    | 82    | 2     | 26              | 15              |
| BSIN80/210  | 30                 | 0.56         | 80                  | 210   | 34    | 82    | 2     | 32              | 18              |
| BSIN90/145  | 40                 | 0.44         | 90                  | 145   | 34    | 82    | 2     | 20              | 12              |
| BSIN100/100 | 30                 | 0.38         | 100                 | 100   | 34    | 82    | 2     | 12              | 8               |
| BSIN100/140 | 40                 | 0.44         | 100                 | 140   | 34    | 82    | 2     | 20              | 12              |
| BSIN100/170 | 30                 | 0.52         | 100                 | 170   | 34    | 82    | 2     | 26              | 15              |
| BSIN100/200 | 30                 | 0.56         | 100                 | 200   | 34    | 82    | 2     | 32              | 18              |
| BSIN120/130 | 30                 | 0.44         | 120                 | 130   | 34    | 82    | 2     | 20              | 12              |
| BSIN120/160 | 30                 | 0.58         | 120                 | 160   | 34    | 82    | 2     | 26              | 15              |
| BSIN120/190 | 30                 | 0.65         | 120                 | 190   | 34    | 82    | 2     | 32              | 18              |
| BSIN140/120 | 40                 | 0.49         | 140                 | 120   | 41.5  | 86    | 2     | 20              | 10              |
| BSIN140/180 | 30                 | 0.65         | 140                 | 180   | 41.5  | 86    | 2     | 32              | 16              |

HT = Hlavní nosník

NT = Sekundární nosníky

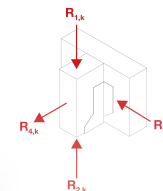
Kombinované hodnoty:

$$\sqrt{\left(\frac{F_{1,d}}{R_{1,d}}\right)^2 + \left(\frac{F_{2,d}}{R_{2,d}}\right)^2} \leq 1$$

BSIN

Trámová botka BSIN

Charakteristické nosnosti - Dřevěný trám na dřevěný trám - plné hřebování



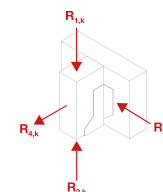
Charakteristické nosnosti -  
Dřevěný trám na dřevěný trám -  
plné hřebování

See full table online [→](#)



| Reference  | počet o | Header | množství |   |   |     |   |   |     |   |   |   |     |     |
|------------|---------|--------|----------|---|---|-----|---|---|-----|---|---|---|-----|-----|
| BSIN40/105 | 6.0     | 6      | 5.1      | - | - | 3.4 | - | - | 0.7 | - | - | - | 2.0 | 2.0 |

Nosnosti - dřevo na dřevo - dílčí hřebování



| Reference   | Hanger únosnost                                       |            |            |            |            |            |            |           |           |            |           |            |                    |          |
|-------------|-------------------------------------------------------|------------|------------|------------|------------|------------|------------|-----------|-----------|------------|-----------|------------|--------------------|----------|
|             | výrobek capacities - dřevo to dřevo - Partial nailing |            |            |            |            |            |            |           |           |            |           |            |                    |          |
|             | Characteristic capacities - dřevo C24[kN]             |            |            |            |            |            |            |           |           |            |           |            | počet of Fasteners |          |
|             | R1,k                                                  |            |            | R2,k       |            |            | R3,k       |           |           | R4,k       |           |            | nosník             | Header   |
|             | CNA 4.0x40                                            | CNA 4.0x50 | CNA 4.0x60 | CNA 4.0x40 | CNA 4.0x50 | CNA 4.0x60 | CNA 4.0x40 | CNA4.0x50 | CNA4.0x60 | CNA 4.0x40 | CNA4.0x50 | CNA 4.0x60 | množství           | množství |
| BSIN64/93   | 4.4                                                   | 5.7        | 7          | 3.4        | 4.4        | 5.4        | 0.9        | 1.1       | 1.2       | 2.2        | 2.9       | 3.7        | 4.0                | 6.0      |
| BSIN80/110  | 8.1                                                   | 10.6       | 12.7       | 7.7        | 10         | 11.8       | 2.4        | 2.9       | 3         | 3.7        | 4.9       | 6.2        | 5.0                | 10.0     |
| BSIN80/130  | 10.4                                                  | 13.4       | 15.8       | 7.7        | 10         | 12.1       | 2          | 2.4       | 2.6       | 3.7        | 4.9       | 6.2        | 6.0                | 10.0     |
| BSIN80/150  | 13.4                                                  | 17.2       | 18.9       | 10.3       | 13.3       | 14.2       | 2.6        | 3.2       | 3.4       | 4.4        | 5.9       | 7.4        | 6.0                | 12.0     |
| BSIN80/180  | 16.2                                                  | 20.7       | 23.6       | 13.2       | 17         | 18.9       | 3.1        | 3.7       | 3.9       | 5.1        | 6.9       | 8.6        | 8.0                | 14.0     |
| BSIN80/210  | 22                                                    | 26.6       | 28.3       | 18.3       | 22.2       | 23.6       | 4.5        | 5.5       | 5.8       | 6.6        | 8.8       | 11.1       | 10.0               | 18.0     |
| BSIN90/145  | 12.8                                                  | 16.5       | 18.9       | 10.3       | 13.3       | 14.2       | 2.6        | 3.2       | 3.4       | 4.4        | 5.9       | 7.4        | 6.0                | 12.0     |
| BSIN100/100 | 7.1                                                   | 9.2        | 10.9       | 5.4        | 7          | 8.6        | 1.5        | 1.8       | 1.9       | 2.9        | 3.9       | 4.9        | 4.0                | 8.0      |
| BSIN100/140 | 12.3                                                  | 15.8       | 18.6       | 10.3       | 13.3       | 14.2       | 2.6        | 3.2       | 3.4       | 4.4        | 5.9       | 7.4        | 6.0                | 12.0     |
| BSIN100/170 | 15                                                    | 19.3       | 22.6       | 13.2       | 17         | 18.9       | 3.1        | 3.7       | 4         | 5.1        | 6.9       | 8.6        | 8.0                | 14.0     |
| BSIN100/200 | 21.5                                                  | 26.6       | 28.3       | 18.3       | 22.2       | 23.6       | 4.6        | 5.6       | 5.9       | 6.6        | 8.8       | 11.1       | 10.0               | 18.0     |
| BSIN120/130 | 10.4                                                  | 13.4       | 15.8       | 9.9        | 12.7       | 14.2       | 2          | 2.4       | 2.6       | 3.7        | 4.9       | 6.2        | 6.0                | 10.0     |
| BSIN120/160 | 13.7                                                  | 17.8       | 21         | 13.2       | 17         | 18.9       | 3.1        | 3.8       | 4         | 5.1        | 6.9       | 8.6        | 8.0                | 14.0     |
| BSIN120/190 | 20.2                                                  | 25.9       | 28.3       | 18.3       | 22.2       | 23.6       | 4.6        | 5.6       | 6         | 6.6        | 8.8       | 11.1       | 10.0               | 18.0     |
| BSIN140/120 | 9.6                                                   | 12.5       | 14.8       | 7.7        | 10         | 12.1       | 1.8        | 2.2       | 2.3       | 3.7        | 4.9       | 6.2        | 6.0                | 10.0     |
| BSIN140/180 | 18.4                                                  | 22.2       | 23.6       | 14.6       | 17.8       | 18.9       | 3.6        | 4.4       | 4.7       | 5.9        | 7.8       | 9.8        | 8.0                | 16.0     |

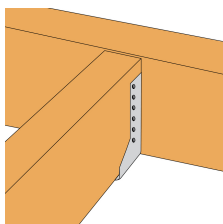
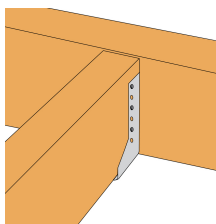
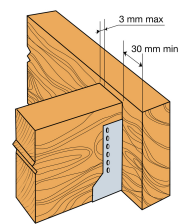
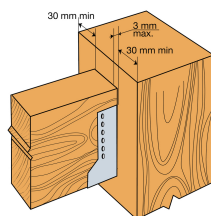
BSIN

**Trámová botka BSIN**

## Installation

### Befestigung

- CNA4,0 × L hřebíky
- CSA5,0 × L Šrouby

*Full nailing**Partial Nailing**Installation on joist**Installation on Post*

BSIN

**Trámová botka BSIN**