



The SPF can be used to connect two timbers that cross over at 90 degrees to each other and can be used with a number of timber dimensions. The SPF are handed, left and right, and are sold separately. Note: The brackets are manufactured in right and left versions and are sold individually.



[UK-DoP-e07/0137](#), [ETA-07/0137](#)

FEATURES

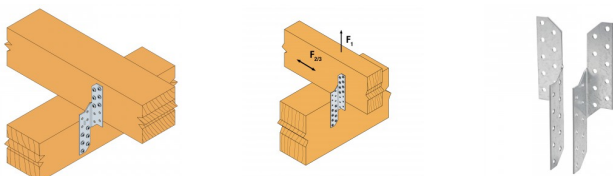


Material

Steel quality:
S250GD + Z275 according to DIN EN10346
Corrosion protection:
275 g / m galvanized on both sides 20mm

Benefits

- Designed to withstand tensile loads, loads more possible in horizontal directions.
- Installation maybe 2 or 4 connectors for connection.
- Low number of nails, 1-hole line every foot.
- Variable installation



APPLICATIONS

Applicatons

Wood, wood products

Scope

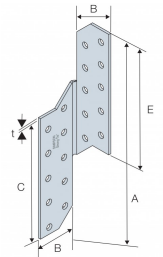
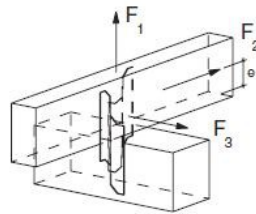
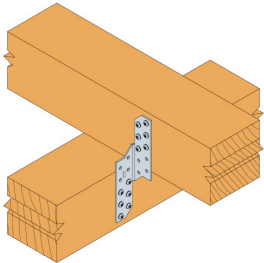
- Wood / wood joints, especially in the intersecting roof structures

Note:

Clutch purlins and rafters in pairs
SPF ... R - coupling purlins and rafters - right
SPF ... L - coupling purlins and rafters – left

TECHNICAL DATA

Product Dimensions



| References | Product Dimensions [mm] | | | | | | Holes Flange B | Holes Flange E |
|------------|-------------------------|------|-----|------|----|---|----------------|----------------|
| | A | B | C | D | F | t | Ø5 [mm] | Ø5 [mm] |
| SPF290L | 290 | 34.5 | 220 | 37.5 | 14 | 2 | 22 | 21 |
| SPF290R | 290 | 34.5 | 220 | 37.5 | 14 | 2 | 22 | 21 |
| SPF370L | 370 | 34.5 | 300 | 37.5 | 14 | 2 | 30 | 29 |
| SPF370R | 370 | 34.5 | 300 | 37.5 | 14 | 2 | 30 | 29 |

The types "SPF ...LR" is a pair of left and right version
 The Type "SPF...L" is the left version
 The type "SPF...R" is the right version

performance Values

| References | Fasteners (Total) | Characteristic Loads [kN] | | |
|------------|-------------------|---------------------------|---------------------|---------------------|
| | | $R_{2,k}$ | $R_{3,k} = R_{4,k}$ | $R_{5,k} = R_{6,k}$ |
| | | CNA4.0x50 | CNA4.0x50 | CNA4.0x50 |
| SPF290 | 22 | 14.7 | 2 | 4.9 |
| SPF370 | 30 | 14.7 | 2 | 4.9 |

- Capacities are for one SPF
- Published capacities are based upon a short term load duration, in service class 2
- Capacity for connections with two SPF are double the capacity of one SPF

INSTALLATION

Fasteners

- They are attached CNA4,0xℓ nails or screws CSA5,0xℓ.

