



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

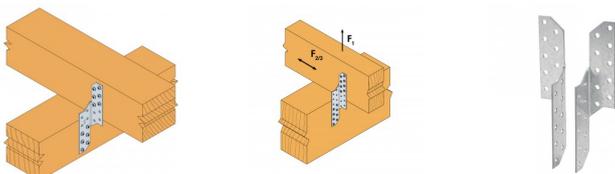


## Material

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

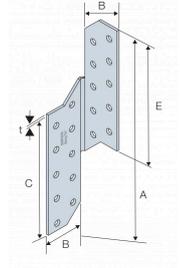
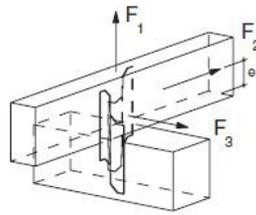
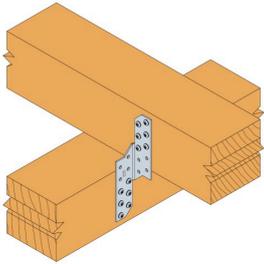
- Wood / wood joints, especially in the intersecting roof structures

#### 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	E	t	Ø5 [mm]	Ø5 [mm]
SPF290L	290	33	220	220	2	22	21
SPF290R	290	33	220	220	2	22	21
SPF370L	370	33	300	300	2	30	29
SPF370R	370	33	300	300	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.

