

Technical Sheet

SIMPSON
Strong-Tie

SPF Purlin Anchor

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.

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

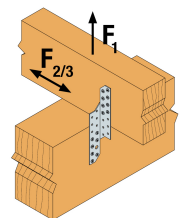
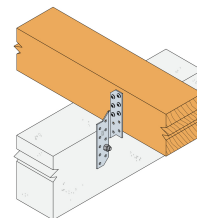
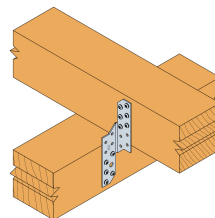
- Wood / wood joints, especially in the intersecting roof structures

Note:

Clutch purlins and rafters in pairs

SPF ... R - coupling purlins and rafters - right

SPF ... L - coupling purlins and rafters – left

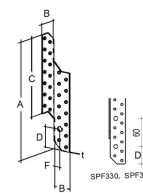
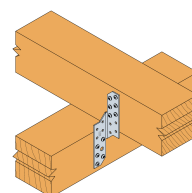


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Technical Data



Product Dimensions

Reference	Connector Dimensions								
	Other		Product Dimensions[mm]					Flange B	Flange E
	Qty per Box	Weight[kg]	A[mm]	B[mm]	C[mm]	E[mm]	t[mm]	Round	Round
								Ø5[mm]	Ø5[mm]
SPF290L	100	0.21	290	32.5	220	220	2	22	21
SPF290R	100	0.21	290	32.5	220	220	2	22	21
SPF370L	50	0.28	370	32.5	300	300	2	30	29
SPF370R	50	0.28	370	32.5	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

Wood/wood fastening- Characteristic values in kn

Reference	Product Characteristic values in kn									
	Number of Fasteners		Product Characteristic values in kn							
	Header	Purlin	Qty	C	D	E	F	G	H	I
SPF290L	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
SPF290R	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
SPF370L	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
SPF370R	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0

Wood/wood fastening-
Characteristic values in kn

See full table online [→](#)



Installation

Fasteners

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

