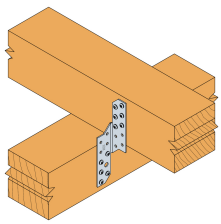
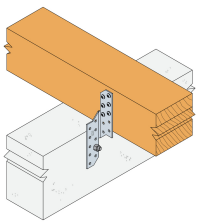
Technical Sheet

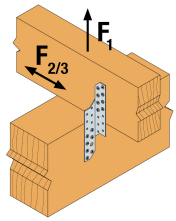
SPF
Purlin Anchor

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

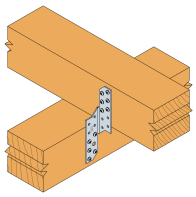
- **Wood / wood joints, especially in the intersecting roof structures**

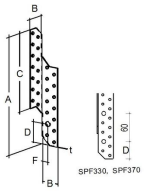
Note:
Clutch purlins and rafters in pairs
SPF ... R - coupling purlins and rafters - right
SPF ... L - coupling purlins and rafters – left

Technical Sheet

SPF
Purlin Anchor

Technical Data





Product Dimensions

Reference	Connector Dimensions												
	Other				Product Dimensions[mm]						Flange B	Flange E	
	NOB nr.	DB. nr.	Qty per Box	Weight[kg]	A[mm]	B[mm]	C[mm]	D[mm]	F[mm]	t[mm]	Round	Round	
											Ø5[mm]	Ø5[mm]	Ø9[mm]
SPF170L	21594346	8978157	100	0.096	170	32.5	100	37.5	14	2	10	9	1
SPF170R	21594353	8978165	100	0.096	170	32.5	100	37.5	14	2	10	9	1
SPF210L	21594361	8978173	100	0.13	210	32.5	140	37.5	14	2	14	13	1
SPF210R	21594379	8978181	100	0.13	210	32.5	140	37.5	14	2	14	13	1
SPF250L	21594387	8978199	100	0.17	250	32.5	180	37.5	14	2	18	17	1
SPF250R	21594395	8978207	100	0.17	250	32.5	180	37.5	14	2	18	17	1
SPF290L	21594403	8978215	100	0.21	290	32.5	220	37.5	14	2	22	21	1
SPF290R	21594411	8978223	100	0.21	290	32.5	220	37.5	14	2	22	21	1
SPF330L	22998660	7742596	50	0.24	330	32.5	260	37.5	14	2	26	25	2
SPF330R	22998678	7742604	50	0.24	330	32.5	260	37.5	14	2	26	25	2
SPF370L	42289940	7742612	50	0.28	370	32.5	300	37.5	14	2	30	29	2
SPF370R	43899285	7742620	50	0.28	370	32.5	300	37.5	14	2	30	29	2

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	Number of Fastener		Product Charact								
	Header	Pu								R	
	Qty	Q								CNA4.0x35	CNA4.0x40
SPF170L	5.0	5								1.2	1.5
SPF170R	5.0	5.0	min (5,2 ; 6 /kmod)	min (5,7 ; 6 /kmod)	min (6,9 ; 6 /kmod)	min (7,3 ; 6 /kmod)	2	2.2	2.6	2.6	1.2	1.5

Wood/wood fastening- Characteristic values in kn
See full table online ➡️

Technical Sheet

SPF
Purlin Anchor

Product capacities - Timber to concrete

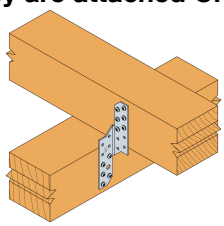
Reference	Number of Fastene											roduct characteristic ca	
	Header												R1
	Qty	Type										NA4.0x35	CNA4.0x40
SPF170L	1.0	M8										5.2	5.8
SPF170R	1.0	M8	5.0	2.2	2.4	2.9	2.9	1	1	1	1	5.2	5.8

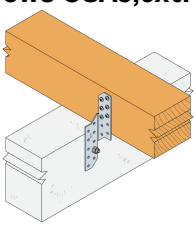
Product capacities - Timber to concrete
See full table online ➡️

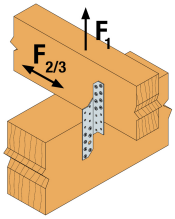
Installation

Fasteners

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







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