



Shoe with ribs, absorbs a higher lateral loads.



[ETA-06/0270](#)

FEATURES



Material

Steel quality:

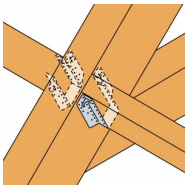
S 250 GD + Z 275 according to DIN EN 10346

Corrosion protection:

275 g / m galvanized on both sides 20mm

Benefits

- Special Dimensions ($W \times H + 2$) are possible only in the basic form.
- Boots are specially adapted for storing slanting roofs



APPLICATIONS

Applicatons

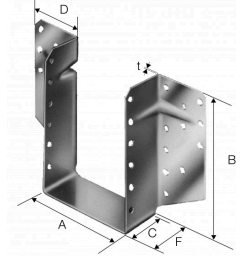
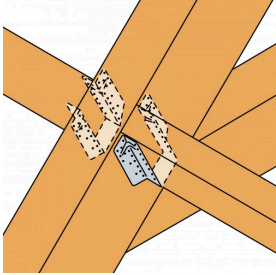
Wood, wood products

Scope

- For connecting secondary beams of wood or wood materials into the main carrier / supports of wood / wood composite.

TECHNICAL DATA

Product Dimensions



References	Joist Size				Product Dimensions [mm]							Header holes		Joist holes		NOB nr.
	Width		Height		A	B	C	D	F	t	Ø5 [mm]	Ø13 [mm]	Ø5 [mm]	Ø13 [mm]		
	Min	Max.	Min	Max.												
BSS60/90	58	60	100	135	60	90	48	58	50	2	16	-	8	-	-	
BSS60/110	58	60	120	165	60	110	48	58	50	2	20	-	10	-	-	
BSS80/110	78	80	120	165	80	110	48	58	50	2	20	-	10	-	-	
BSS80/130	78	80	140	195	80	130	48	58	50	2	22	-	12	-	-	
BSS80/150	78	80	160	225	80	150	48	58	50	2	26	-	14	-	-	
BSS100/130	98	100	140	195	100	130	48	58	50	2	22	-	12	-	-	
BSS100/150	98	100	160	225	100	150	48	58	50	2	26	-	14	-	-	
BSS100/170	98	100	180	255	100	170	48	58	50	2	28	-	16	-	-	
BSS100/190	98	100	200	285	100	190	48	58	50	2	32	-	18	-	-	
BSS120/170	118	120	180	255	120	170	48	58	50	2	28	-	16	-	-	
BSS120/190	118	120	200	285	120	190	48	58	50	2	32	-	18	-	-	
BSS120/210	118	120	220	315	120	210	48	58	50	2	34	-	20	-	-	
BSS120/230	118	120	240	345	120	230	48	58	50	2	38	-	22	-	-	
BSS140/150	138	140	160	225	140	150	48	58	50	2	26	-	14	-	-	
BSS160/190	158	160	200	285	160	190	48	58	50	2	32	-	18	-	-	

Wood/wood fastening- Characteristic values in kn

References	Characteristic capacities - Timber to timber							
	Number of Fasteners		Product characteristic capacities - Timber C24 [kN]					
	Header	Joist	R _{1,k}		R _{2,k}		R _{3,k}	
	Qty	Qty	CNA4,0x40	CNA4,0x50	CNA4,0x40	CNA4,0x50	CNA4,0x40	CNA4,0x50
BSS60/90	16	8	8.2	-	7.8	-	4.8	-
BSS60/110	20	10	12.9	-	12.6	-	5.6	-
BSS80/110	20	10	12.9	16.9	12.6	16.6	6.2	8.1
BSS80/130	22	12	17.1	22.2	14.7	19.3	7.2	9.3
BSS80/150	26	14	21.7	28.1	21.1	27.5	8.1	10.3
BSS100/130	22	12	16.6	21.6	14.7	19.3	7.7	10
BSS100/150	26	14	21.7	28.1	21.1	27.5	8.7	11.2
BSS100/170	28	16	26.3	34	23.7	30.8	9.6	12.4
BSS100/190	32	18	31.5	40.6	31.2	40	10.5	13.4
BSS120/170	28	16	26.3	34	23.7	30.8	10.2	13.1
BSS120/190	32	18	31.5	40.6	31.2	40	11.1	14.3
BSS120/210	34	20	36.4	46.7	35	44.4	12	15.4
BSS120/230	38	22	43.9	53.3	40.3	48.8	12.8	16.4
BSS140/150	26	14	21.7	28.1	21.1	27.5	9.4	12.3
BSS160/190	32	18	31.5	40.6	31.2	40	11.9	15.5

Combined load:

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

INSTALLATION

Fasteners

- CNA4,0 × L Nails
- CSA5,0 × L Screws