



These ceiling drapes are used to connect a secondary beam to the main support or assistance.



[UK-DoP-e06/0270](#), [ETA-06/0270](#)

## FEATURES



### Material

Steel quality:

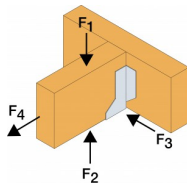
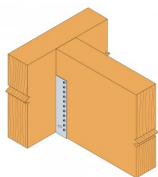
S 250 GD + Z 275 according to DIN EN 10346

Corrosion protection:

275 g / m galvanized on both sides 20mm

### Benefits

- The BSD joist hangers (inner thighs) as nails and axle load allowed in full
- Connection to concrete, steel and masonry
- addition of standard dimensions is possible to produce different formats



## APPLICATIONS

### Applicable materials

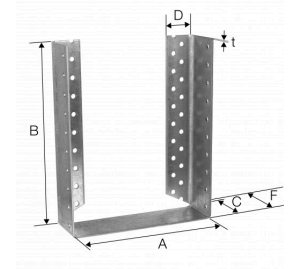
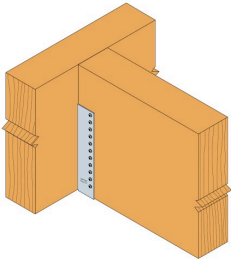
Wood, wood products

### Application area

- are used to connect a secondary beam to the main support or support
- Specification width, may be freely from 50 to 250 mm.

**TECHNICAL DATA**

**Product Dimensions**



References	Joist Size [mm]				Product Dimensions [mm]						Header holes	Joist holes
	Width		Height		A	B	C	D	F	t	Ø5 [mm]	Ø5 [mm]
	Min	Max.	Min	Max.								
BSDI A/100	34	250	110	150	A	100	50	17.5 / 30*	52	2	16	16
BSDI A/120	34	250	130	180	A	120	50	17.5 / 30*	52	2	20	20
BSDI A/140	34	250	150	210	A	140	50	17.5 / 30*	52	2	24	24
BSDI A/160	34	250	170	240	A	160	50	17.5 / 30*	52	2	28	28
BSDI A/180	34	250	190	270	A	180	50	17.5 / 30*	52	2	32	32
BSDI A/200	34	250	210	300	A	200	50	17.5 / 30*	52	2	36	36
BSDI A/220	34	250	230	330	A	220	50	17.5 / 30*	52	2	40	40
BSDI A/240	34	250	250	360	A	240	50	17.5 / 30*	52	2	44	44
BSDI A/260	34	250	270	390	A	260	50	17.5 / 30*	52	2	48	48
BSDI A/280	34	250	290	420	A	280	50	17.5 / 30*	52	2	52	52
BSDI A/300	34	250	310	450	A	300	50	17.5 / 30*	52	2	56	56
BSDI A/320	34	250	330	480	A	320	50	17.5 / 30*	52	2	60	60

\*When dimension A < 60 mm D = 17,5 mm , when dimension A > 60 mm D = 30 mm

Item code /dimensions

Height/width	80	100	120	140	160	180	200
100	BSDI80/100	BSDI100/100	BSDI120/100	BSDI140/100	BSDI160/100	BSDI180/100	BSDI200/100
120	BSDI80/120	BSDI100/120	BSDI120/120	BSDI140/120	BSDI160/120	BSDI180/120	BSDI200/120
140	BSDI80/140	BSDI100/140	BSDI120/140	BSDI140/140	BSDI160/140	BSDI180/140	BSDI200/140
160	BSDI80/160	BSDI100/160	BSDI120/160	BSDI140/160	BSDI160/160	BSDI180/160	BSDI200/160
180	BSDI80/180	BSDI100/180	BSDI120/180	BSDI140/180	BSDI160/180	BSDI180/180	BSDI200/180
200	BSDI80/200	BSDI100/200	BSDI120/200	BSDI140/200	BSDI160/200	BSDI180/200	BSDI200/200
220	BSDI80/220	BSDI100/220	BSDI120/220	BSDI140/220	BSDI160/220	BSDI180/220	BSDI200/220
240	BSDI80/240	BSDI100/240	BSDI120/240	BSDI140/240	BSDI160/240	BSDI180/240	BSDI200/240
260	BSDI80/260	BSDI100/260	BSDI120/260	BSDI140/260	BSDI160/260	BSDI180/260	BSDI200/260
280	BSDI80/280	BSDI100/280	BSDI120/280	BSDI140/280	BSDI160/280	BSDI180/280	BSDI200/280

300	BSDI80/300	BSDI100/300	BSDI120/300	BSDI140/300	BSDI160/300	BSDI180/300	BSDI200/300
320	BSDI80/320	BSDI100/320	BSDI120/320	BSDI140/320	BSDI160/320	BSDI180/320	BSDI200/320

**Product Capacities**

References	Number of Fasteners		Product characteristic capacities - Timber C24 [kN]					
	Header	Joist	R <sub>1,k</sub>			R <sub>2,k</sub>		
	Qty	Qty	CNA4,0x40	CNA4,0x50	CNA4,0x60	CNA4,0x40	CNA4,0x50	CNA4,0x60
BSDI A/100	16	8	9.9	13	15.9	10.3	13.4	16.4
BSDI A/120	20	10	14.2	18.5	22.5	14.6	19.1	23.2
BSDI A/140	24	12	19.1	24.8	29.9	19.6	25.5	28.3
BSDI A/160	28	14	24.5	31.8	37.8	25.1	31.1	33
BSDI A/180	32	16	30.4	39.3	42.5	29.3	35.5	37.8
BSDI A/200	36	18	36.6	44.4	47.2	32.9	40	42.5
BSDI A/220	40	20	40.3	48.8	51.9	36.6	44.4	47.2
BSDI A/240	44	22	43.9	53.3	56.6	40.3	48.8	51.9
BSDI A/260	48	24	47.6	57.7	61.4	43.9	53.3	56.6
BSDI A/280	52	26	51.2	62.2	66.1	47.6	57.7	61.4
BSDI A/300	56	28	54.9	66.6	70.8	51.2	62.2	66.1
BSDI A/320	60	30	58.6	71	75.5	54.9	66.6	70.8

For heights in between choose lowest value.

**Product capacities - Timber to timber - Full nailing - F3 (lateral)**

References	Number of Fasteners		Product characteristic capacities - Timber C24 [kN]														
	Header	Joist	R <sub>3,k</sub>														
	Qty	Qty	CNA4,0x40				CNA4,0x50				CNA4,0x60						
			A=60mm	A=80mm	A=120mm	A=160mm	A=80mm	A=120mm	A=160mm	A=200mm	A=80mm	A=100mm	A=120mm	A=140mm	A=160mm	A=180mm	A=200mm
BSDI A/100	16	8	4.7	5.1	5.5	5.7	6.6	7.2	7.5	7.6	7.9	8.4	8.8	9	9.2	9.3	9.4
BSDI A/120	20	10	5.6	6.2	6.8	7	8	8.8	9.2	9.4	9.4	10.2	10.7	11.1	11.3	11.5	11.6
BSDI A/140	24	12	6.3	7.1	8	8.3	9.1	10.4	10.9	11.2	10.7	11.7	12.5	13	13.3	13.6	13.8
BSDI A/160	28	14	7	8	9.1	9.6	10.2	11.8	12.5	12.9	11.8	13.1	14	14.7	15.2	15.6	15.8
BSDI A/180	32	16	7.5	8.7	10.1	10.8	11.1	13.1	14	14.6	12.7	14.3	15.5	16.3	17	17.4	17.8
BSDI A/200	36	18	8	9.4	11.1	11.9	11.9	14.2	15.5	16.2	13.5	15.4	16.8	17.8	18.6	19.2	19.7
BSDI A/220	40	20	8.4	10	11.9	13	12.6	15.3	16.8	17.7	14.2	16.3	17.9	19.1	20.1	20.8	21.4
BSDI A/240	44	22	8.7	10.5	12.8	14	13.1	16.3	18.1	19.1	14.8	17.1	18.9	20.3	21.5	22.4	23.1
BSDI A/260	48	24	9	10.9	13.5	14.9	13.7	17.2	19.3	20.5	15.3	17.8	19.8	21.4	22.7	23.8	24.6
BSDI A/280	52	26	9.2	11.3	14.2	15.8	14.1	18	20.3	21.8	15.7	18.4	20.6	22.4	23.9	25.1	26.1
BSDI A/300	56	28	9.4	11.6	14.8	16.7	14.5	18.7	21.4	23.1	16	18.9	21.3	23.3	24.9	26.3	27.4
BSDI A/320	60	30	9.5	11.9	15.3	17.4	14.8	19.3	22.3	24.2	16.3	19.4	21.9	24.1	25.9	27.4	28.6

**Product capacities - Timber to timber - Partial nailing**

References	Number of Fasteners		Product characteristic capacities - Timber C24 [kN]					
	Header	Joist	R <sub>1,k</sub>			R <sub>2,k</sub>		
	Qty	Qty	CNA4,0x40	CNA4,0x50	CNA4,0x60	CNA4,0x40	CNA4,0x50	CNA4,0x60
BSDI A/100	8	4	6.3	8.2	9.9	4.9	6.5	7.9
BSDI A/120	10	6	8.4	10.9	13.1	7.1	9.3	11.2
BSDI A/140	12	6	11.2	14.5	17.2	9.5	12.4	14.2
BSDI A/160	14	8	13.8	17.8	21	12.2	15.8	18.9
BSDI A/180	16	8	17	21.9	23.6	14.6	17.8	18.9
BSDI A/200	18	10	20.1	25.7	28.3	18.3	22.2	23.6
BSDI A/220	20	10	22	26.6	28.3	18.3	22.2	23.6
BSDI A/240	22	12	25.6	31.1	33	22	26.6	28.3
BSDI A/260	24	12	25.6	31.1	33	22	26.6	28.3
BSDI A/280	26	14	29.3	35.5	37.8	25.6	31.1	33
BSDI A/300	28	14	29.3	35.5	37.8	25.6	31.1	33

References	Number of Fasteners		Product characteristic capacities - Timber C24 [kN]					
	Header	Joist	R <sub>1,k</sub>			R <sub>2,k</sub>		
	Qty	Qty	CNA4,0x40	CNA4,0x50	CNA4,0x60	CNA4,0x40	CNA4,0x50	CNA4,0x60
BSDI A/320	30	16	32.9	40	42.5	29.3	35.5	37.8

For heights in between choose lowest value.

## INSTALLATION

### Installation

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

