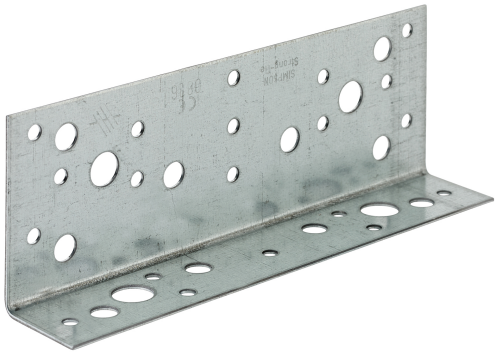
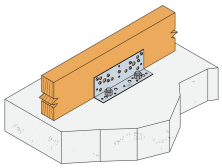
Technical Sheet

BNV33
BNV33

Angle can inter alia be used to connect elements stressed by longitudinal forces







Features

Material

Steel quality:
S250GD + Z275 according to DIN EN10346

Corrosion protection:
275 g / m galvanized on both sides 20mm

Benefits

- **Easy installation**
- **Connecting to concrete and wood**

Applications

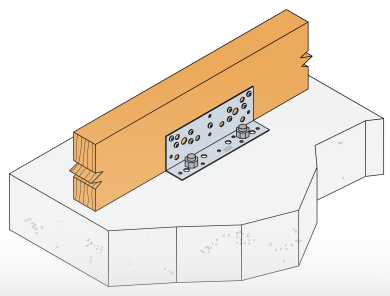
Applicable materials

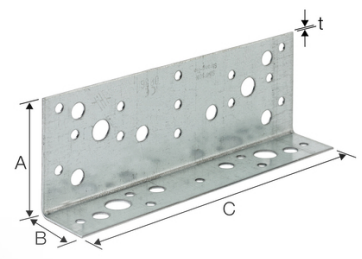
Concrete, steel, wood, wood products

Application area

- BNV angle brackets are used for beam-to-beam or beam-to-concrete joints, e.g. for fastening bulkhead beams to straps in truss structures

Technical Data





Dimension

Dimension
See full table online ➡️

Characteristic load capacity

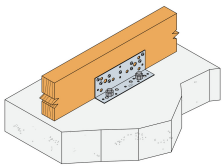
Reference	Angle bracket capacity						
	Characteristic load capacity, 1 angle bracket per joint						
	Factor = Bolts / Anchors	Beam to concrete			Beam-to-beam assembly		
		$R_{2/3,k}$[kN]	Seaming out		$R_{2/3,k}$[kN]	Seaming out	
			Type	Qty[per bracket]		Type	Qty[per bracket]
BNV33	0.53	10.7 max: 10.1/kmod	CNA4.0x40 ; 2 M12 bolt	9 + 2	10.7	CNA4,0x40	9 + 7

The bolt's shear capacity must be at least $R_{bolt,lat,k} = R_{2/3,k}/1,9$

Installation

Installation

- **Fasten nails or screws CNA4,0xl CSA5,0xl.Pro installation in concrete anchor bolt M12**



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