Technical Sheet

AT1
Angle brackets for trusses

The angle brackets AT1 has been developped for fixing of trusses. It is dedicated for timber to timber or timber to cncrete application.







Features

Material

- S250GD + Z275 according to NF EN 10346 - 1,5 mm thickness

advantage

'Rib reinforcement ensures the formation of load-bearing two-sided or one-sided wood-wood and wood-concrete connections.

Applications

Anwendbare Materialien

- **Header** : Timber or concrete
- **Joist :** timber, trusses

Anwendungsbereich

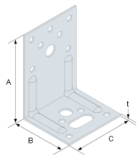
- intsalltion of trusses

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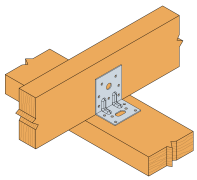
Technical Data

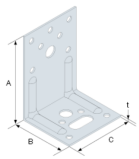
Product dimensions



Reference	konektor rozměry									
	rozměry výrobku[mm]				nosník[mm]		příruba B[mm]			ostatní
	A[mm]	B[mm]	C[mm]	tloušťka[mm]	kulatý		kulatý		oválný	hmotnost[kg]
					Ø5[mm]	Bolzen	Ø5[mm]	Ø10	Ø10x22	
AT1	76	47.5	55	1.5	7	1	4	1	1	0.07

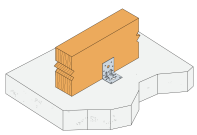
Characteristic capacities - Timber beam to timber beam - 2 angles brackets

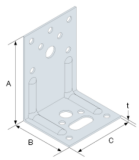




Reference	úhelník únosnost									
	výrobek capacities - dřevo to dřevo - Beam to beam - Full nailing									
	počet of Fasteners		charakteristická únosnost - 2 angle brackets per connection - full nailing[kN]							
	nosník	příruba B	$R_{1,k}$				$R_{2,k}=R_{3,k}$[kN]			
	množství	množství	CNA4.0x35	CNA4.0x40	CNA4.0x50	CSA5.0x35	CNA4.0x35	CNA4.0x40	CNA4.0x50	CSA5.0x35
AT1	7	4	3.4	2.5	4.8	4.9	5.6	3.9	7.4	2.8

Characteristic capacities - Timber to rigid support - 2 angles brackets





Reference	úhelník únosnost											
	výrobek capacities - dřevo to beton											
	počet of Fasteners				charakteristická únosnost - 2 angle brackets per connection - full nailing[kN]							
	nosník		příruba B		$R_{1,k}$				$R_{2,k}=R_{3,k}$			
	množství	typ	množství	typ	CNA4.0x35	CNA4.0x40	CNA4.0x50	CSA5.0x35	CNA4.0x35	CNA4.0x40	CNA4.0x50	CSA5.0x35
AT1	7	CNA	1	Ø8	7.5	7,5 / kmod	7.5	6.2	4.9	5,6 / kmod	6.8	4

Installation

Befestigung

- Holes: nombre and diameter, refer to Dimensions tables
- Timber: nails CNA Ø4.0x35 mm, screws CSA Ø5.0x35,
- Concrete: Mechnaical anchor FM 753 evo M8-68/5, chemical anchor Ø8 AT-HP + threaded rod LMAS M8-100...
- Steel: bolts

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