Technical Sheet

E20/3
Úhelník E20/3

Tyto úhelníky jsou vhodné pro přenos vysokých zatížení. Jsou opatřeny žebry.



Features

Material

<u>Kvalita oceli:</u>
S250GD+Z275 dle norem DIN EN10346
<u>Ochrana proti korozi:</u>
275 g/m pozinkováno z obou stran cca 20mm

Výhody

- Vysoká pevnost v tahu díky žebrům.
- Vylepšené hodnoty pro částečné a plné zahřebíkovaní.
- Výhodné pro upevnění šroubem do betonu nebo oceli

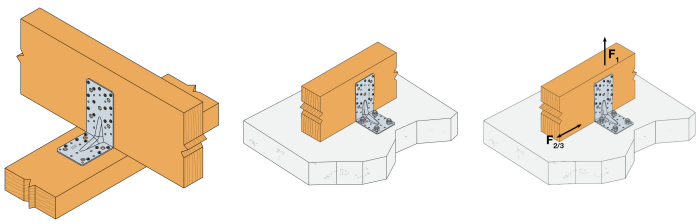
Applications

Použitelné materiály

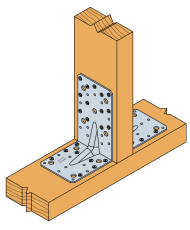
Dřevo ,ocel, beton

Oblast použití

- Befestigung von Holz auf Beton oder Stahl mit M10 Bolzen





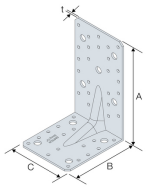


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Úhelník E20/3

Technical Data

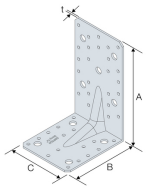
Rozměry a typické hodnoty



Reference	konektor rozměry									
	ostatní		rozměry výrobku[mm]				nosník[mm]		příruba B[mm]	
	množství v krabici	hmotnost[kg]	A[mm]	B[mm]	C[mm]	tloušťka[mm]	kulatý		kulatý	
							Ø5[mm]	Ø11[mm]	Ø5[mm]	Ø11[mm]
E20/3	25.0	0.58	170	113	95	3	24	5	16	4

Kombinierte Beanspruchung:
\sqrt{\left (\frac {F_{1,d}} {R_{1,d}} \right)^2 + \left (\frac{F_{2/3,d}}{R_{2/3,d}} \right)^2} \le 1

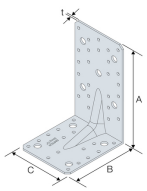
Product capacities - Timber beam to timber beam - Full nailing - 2 angles brackets



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	CNA4.0x50	CNA4.0x60	CNA4.0x50	CNA4.0x60
E20/3	24	16	11.77	14.71	26.61	28.31

To obtain the resistance values for a single bracket, the values in the above table should be divided by two, provided that the supported beam is locked in rotation. Please consult our ETA-06/0106 if the beam is free to rotate.

Product capacities - Timber beam to timber beam - Partial nailing - 2 angles brackets



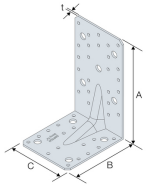
Reference	úhelník únosnost					
	výrobek capacities - dřevo to dřevo - Partial nailing					
	počet of Fasteners		charakteristická únosnost - 2 angle brackets per connection - full nailing[kN]			
	nosník	příruba B	$R_{1,k}$		$R_{2,k}=R_{3,k}$	
	množství	množství	CNA4.0x50	CNA4.0x60	CNA4.0x50	CNA4.0x60
E20/3	12.0	9.0	8.78	10.97	20.22	21.51

To obtain the resistance values for a single bracket, the values in the above table should be divided by two, provided that the supported beam is locked in rotation. Please consult our ETA-06/0106 if the beam is free to rotate.

Technical Sheet

E20/3
Úhelník E20/3

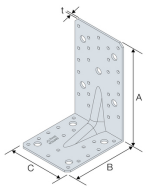
Product capacities - Timber post to timber beam - Partial nailing - 2 angles brackets



Reference	úhelník únosnost					
	výrobek capacities - dřevo post to dřevo beam					
	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	množství	CNA4.0x50	CNA4.0x60	CNA4.0x50	CNA4.0x60
E20/3	13.0	8.0	8.78	10.97	15.91	16.92

To obtain the resistance values for a single bracket, the values in the above table should be divided by two, provided that the supported beam is locked in rotation. Please consult our ETA-06/0106 if the beam is free to rotate.

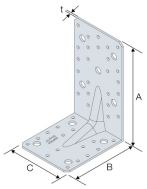
Product capacities - Trimmer connection - Partial nailing - 2 angles brackets

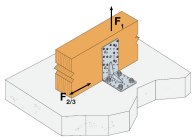


Reference	úhelník únosnost			
	výrobek capacities - dřevo to dřevo - Trimmer connection			
	počet of Fasteners		charakteristická únosnost - 2 angle brackets per connection - full nailing[kN]	
	nosník	příruba B	$R_{2,k}=R_{3,k}$	
	množství	množství	CNA4.0x50	CNA4.0x60
E20/3	18.0	16.0	19.31	24.14

To obtain the resistance values for a single bracket, the values in the above table should be divided by two, provided that the supported beam is locked in rotation. Please consult our ETA-06/0106 if the beam is free to rotate.

Product capacities - Timber beam to rigid support - Full nailing - 2 angles brackets





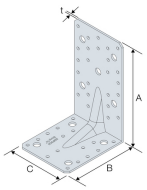
Reference	úhelník únosnost							
	výrobek capacities - dřevo to beton							
	počet of Fasteners				charakteristická únosnost - 2 angle brackets per connection - full nailing[kN]			
	nosník		příruba B		$R_{1,k}$		$R_{2,k}=R_{3,k}$	
	množství	typ	množství	typ	CNA4.0x50	CNA4.0x60	CNA4.0x50	CNA4.0x60
E20/3	24	CNA	4	Ø10	71	88.8	44.7	47.5

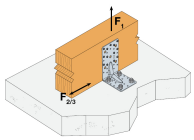
To obtain the resistance values for a single bracket, the values in the above table should be divided by two, provided that the supported beam is locked in rotation. Please consult our ETA-06/0106 if the beam is free to rotate.

Technical Sheet

E20/3
Úhelník E20/3

Product capacities - Timber beam to rigid support - Partial nailing - 2 angles brackets





Reference	úhelník únosnost							
	výrobek capacities - dřevo to beton - Partial nailing							
	počet of Fasteners				charakteristická únosnost - 2 angle brackets per connection - full nailing[kN]			
	nosník		příruba B		$R_{1,k}$		$R_{2,k}=R_{3,k}$	
	množství	typ	množství	typ	CNA4.0x50	CNA4.0x60	CNA4.0x50	CNA4.0x60
E20/3	13.0	CNA	4.0	Ø10	40	50	29.1	31

To obtain the resistance values for a single bracket, the values in the above table should be divided by two, provided that the supported beam is locked in rotation. Please consult our ETA-06/0106 if the beam is free to rotate.

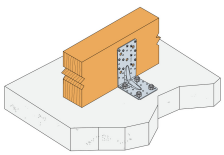
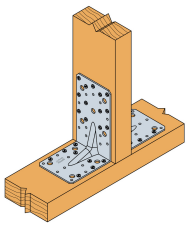
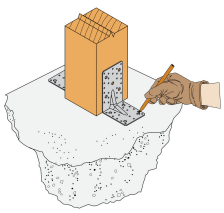
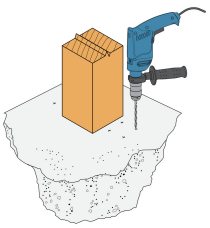
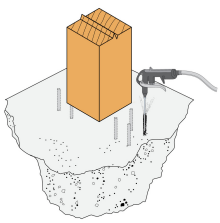
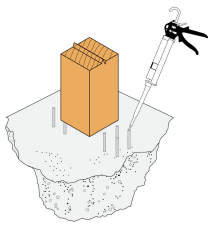
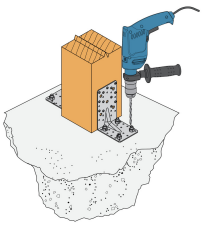
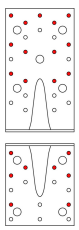
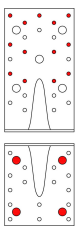
Installation

Ostatní

- Die Befestigung erfolgt mit CNA4,0xℓ Kammnägeln oder CSA5,0xℓ Schrauben.

Installation

- Port na dřevě se připojuje hřebíky nebo šrouby.
- Vzdálenost od desky k betonu nesmí přesáhnout 50 mm.

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