Technický list

ABR-S
Nerezový úhelník (9015S 100S)

Úhelníky ABR jsou vhodné pro spoje, kde je požadována velká síla spojení. ABR jsou opatřeny žebry. Standardní nerez lze použít v konstrukcích, které jsou kladeny zvláštní požadavky na odolnost proti korozi.

Features

Material

Stahlqualität:

- Edelstahl 1.4401 bzw. 1.4404 (V4A) gemäß EN10088.
- Die von uns verwendeten Edelstahlsorten sind der Korrosionswiderstandsklasse III

Vorteile

- Hohe Steifigkeit durch beidseitiger Aufkantung
- Hohe Belastungswerte
- Optimiertes Nagelbild
- ABR-S (100): Bohrungen Ø12mm für M10er Bolzen
- ABR-S (100): Betonanschluss mit nur einem Bolzen möglich
- ABR-S (9015): Weniger Gewicht- dadurch bessere Handhabung im Lager
- ABR-S (9015): Ø13 mm Bolzenlöcher für konstruktive Befestigungen

Équerre de structure Inox ABR100S

Fixation bois/bois

Fixation bois/support rigide

Applications

Anwendbare Materialien

Auflager:

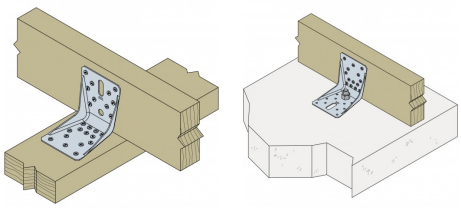
- Holz, Beton, Stahl

Aufzulagerndes Bauteil:

- Holz, geeignete Holzwerkstoffe

Anwendungsbereich

- zur Befestigung von Holz auf Beton



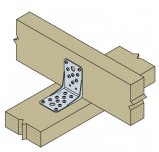
Technický list

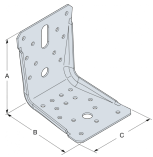
ABR-S

Nerezový úhelník (9015S 100S)

Technical Data

Rozměry a typické hodnoty



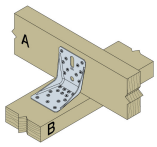


Art. nr.	Rozměry a typické hodnoty [mm]				Příruba A				Hlava		
	A	B	C	t	Ø5	Ø12	Ø13	Ø12x32	Ø5	Ø12	Ø13
ABR100S	100	100	90	2	10	1	-	1	14	1	-

kombinierte Belastung:

$$\sqrt{\left(\frac{F_{1,d}}{R_{1,d}}+\frac{F_{4/5,d}}{R_{4/5,d}}\right)^2+\left(\frac{F_{2/3,d}}{R_{2/3,d}}\right)^2}\leq 1$$

Product capacities - Beam to beam - Full nailing



Art. nr.	Product capacities - Timber to timber - Full nailing							
	Upevňovací prvky		Characteristic capacities - Timber C24 - 2 angle brackets per connection [kN]					
	Příruba A	Hlava	$R_{1,k}$		$R_{2,k} = R_{3,k}$		$R_{4,k} = R_{5,k}$ (1	
	Množství	Množství	CNA4.0x50S	CSA5,0x40S	CNA4.0x50S	CSA5,0x40S	CNA4.0x50S	CSA5,0x40S
ABR100S	10	14	15.4	min (25.6 ; 25.1/kmod)	14.2	20.3	4.2	4.2

1) b = 75 mm ; e = 130 mm

Combined load:

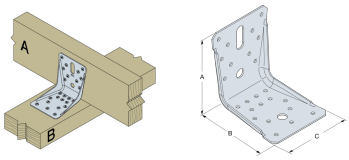
$$\sqrt{\left(\frac{F_{1,d}}{R_{1,d}}+\frac{F_{4/5,d}}{R_{4/5,d}}\right)^2+\left(\frac{F_{2/3,d}}{R_{2/3,d}}\right)^2}\leq 1$$

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.

Technický list

ABR-S

Nerezový úhelník (9015S 100S)



Product capacities - Timber to Concrete

Art. nr.	Product capacities - Timber to Concrete								
	Upevňovací prvky				Characteristic capacities - Timber C24 - 2 angle brackets per connection [kN]				
	Příruba A		Hlava		$R_{1,k}$		$R_{2,k} = R_{3,k}$		$R_{4,k} = R_{5,k}$ (1
	Množství	Typ	Množství	Typ	CNA4.0x35S	CNA4.0x50S	CNA4.0x35S	CNA4.0x50S	CNA4.0x50S
ABR100S	1	Ø10	10	CNA*	16.7	min (26.6 ; 21.6/kmod)	7.3	10.8	10.4

* Refer to Characteristic Capacity table columns for type of fasteners that can be used in Flange A. Capacities vary depending on fastener type used.

1) b = 75 mm ; e = 130 mm

Refer to the Simpson Strong-Tie anchor product range for suitable anchors. Typical anchor solutions are BOAXII, SET-XP, WA, AT-HP, depending on the concrete type, spacing and edge distances.

Combiend load :

$$\sqrt{\left(\frac{F_{1,d}}{R_{1,d}} + \frac{F_{4/5,d}}{R_{4/5,d}}\right)^2 + \left(\frac{F_{2/3,d}}{R_{2/3,d}}\right)^2} \leq 1$$

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

Befestigung

- Für die Befestigung müssen rostfreie Kammnägel, Schrauben oder Bolzen der vergleichbaren Stahlqualität verwendet werden, um Kontaktkorrosion zu vermeiden

Fixation bois/bois

Fixation bois/support rigide