

ABR

Vinkelbeslag med standard ribbe

*ABR vinkelbeslag brukes til skjøter i bærende trekonstruksjoner.
Beslagene er utstyrt med en ribbeforsterkning.*

Features

Materiale

- Stålkvalitet:
Galvanisert stål S250GD + Z275 i henhold til EN 10346
- Korrosjonsbeskyttelse:
275 g/m² på begge sider - i henhold til en sinklagstykkelse på cirka 20 µm
- Finnes også i en rustfri utgave: ABR70S, ABR90S, ABR90S2 og ABR105S

Fordeler

- Kraftig vinkelbeslag til bærende konstruksjoner
- Kan oppta krefter i alle retninger
- Optimerede bæreevner ved full og delvis utspikring

Applications

Skjøter

- Tre-tre skjøter

Bruksområder

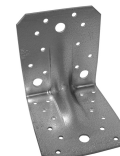
- Brukes ved tre-tre skjøter i bærende konstruksjoner



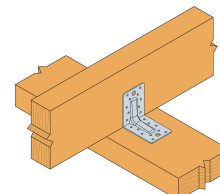
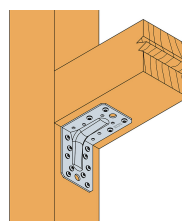
ABR70



ABR90



ABR105



*Vinkelbeslag med
Wood to wood connection. ribbeforsterkning ABR105,
profil*



*Vinkelbeslag med
ribbeforsterkning ABR105,
forfra*

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Teknisk data

Dimensjoner

Referanse		Dimensjoner See full table online  												Flik B[mm]		
	NOBB nr.													Round		
ABR70	21220769	4681870	0.11	70	70	55	2	6	1	-	-	-	6	1	-	
ABR90	21220777	3779295	0.21	90	90	65	2.5	10	-	1	-	-	10	-	-	

Karakteristisk bæreevne - Tre-Tresamling - Full utspikring -
2 beslag

Referanse	Angle bracket capacity													
	Karakteristisk bæreevne - Tre-Tresamling - Full utspikring													
	Utspikring		Karakteristisk bæreevne - 2 vinkelbeslag pr. samling[kN]											
	Flik A	Flik B	R1.k				R2.k = R3.k				R4.k = R5,k(!)			
	Antall	Antall	CNA 4.0x35	CNA 4.0x40	CNA 4.0x50	CNA 4.0x60	CNA 4.0x35	CNA 4.0x40	CNA 4.0x50	CNA 4.0x60	CNA 4.0x35	CNA 4.0x40	CNA 4.0x50	CNA 4.0x60
ABR70	4.0	6.0	4.38	5.34	7.11	8.89	4.55	5	6.89	7.33	-	3,0 / kmod^0,5	-	-
ABR90	8.0	10.0	6.46	7.87	10.66	13.32	8.38	9.21	11.07	11.78	-	8,1 / kmod^0,85	-	9,1 / kmod^0,75
ABR105	10.0	14.0	8.84	10.78	14.33	17.91	13.26	14.57	19.01	20.22	-	12,9 / kmod^0,5	-	14,5 / kmod^0,75
* b = 75 mm og e = 130 mm														

Karakteristisk bæreevne - Tre-Tresamling - Delvis utspikring
- 2 beslag

Referanse

Utspikring

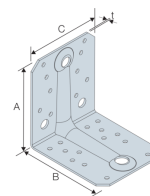
**Karakteristisk bæreevne - Tre-
Tresamling - Delvis utspikring - 2
beslag**

See full table online [→](#)



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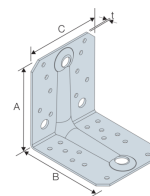


Karakteristisk bæreevne - Tre-betonsamling - 2 beslag

Referanse	Angle bracket capacity											
	Karakteristisk bæreevne - Bjelke-betongsamling											
	Utspikring				Karakteristisk bæreevne - 2 vinkelbeslag pr. samling[kN]							
	Flik A		Flik B		R _{1,k}				R _{2,k} = R _{3,k}			
	Antall	Type	Antall	Type	CNA 4.0x35	CNA4.0x40	CNA 4.0x50	CNA4.0x60	CNA 4.0x35	CNA4.0x40	CNA 4.0x50	CNA4.0x60
ABR105	10	CNA	1	Ø10	min(4,08; 7,7 / k _{mod})	min(4,88; 7,7 / k _{mod})	min(6,48; 7,7 / k _{mod})	min(8,08; 7,7 / k _{mod})	2.25	2.68	3.55	4.37

Refer to the Simpson Strong-Tie anchor product range for suitable anchors. Typical anchor solutions depend on the concrete type, spacing and edge distances.

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.



Referanse	Angle bracket capacity											
	-											
	Utspikring				-[kN]							
	Flik A		Flik B		R _{1,k}				R _{2,k} = R _{3,k}			
	Antall	Type	Antall	Type	CNA 4.0x35	CNA4.0x40	CNA 4.0x50	CNA4.0x60	CNA 4.0x35	CNA4.0x40	CNA 4.0x50	CNA4.0x60
ABR105	10.0	CNA	1.0	Ø10	4.08	4.88	6.48	8.08	2.25	2.68	3.55	4.37

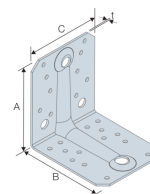
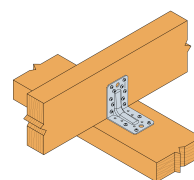
*The published characteristic capacity is based on short term load duration and service class 2 according to EC5 (EN 1995) – $k_{mod} = 0.9$. For other load duration and service class, please refer to the ETA to get more accurate capacities.

The bolt design resistance requirement $R_{#,d}$ is determined from (bolt factor x connection design load $F_{#,d}$) for the required load direction and fastener. Refer to the Simpson Strong-Tie anchor product range for suitable anchors. Typical anchor solutions depend on the concrete type, spacing and edge distances.

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.

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Product capacities - Timber beam to timber beam - Ø10

Connector screw - 2 angles brackets

Referanse	Angle bracket capacity							
	Product capacities - Timber beam to timber beam - Ø10 connector screws - 2 angle brackets							
	Utspikring				Karakteristisk bæreevne - 2 vinkelbeslag pr. samling[kN]			
	Flik A		Flik B		R _{1,k}		R _{2,k} = R _{3,k}	
	Antall	Type	Antall	Type	SSH10x40	SSH10x80	SSH10x40	SSH10x80
ABR105	1.0	SSH	3.0	SSH	6.3	12.2	5.7	9.9

Product capacities - Timber beam to rigid support - Ø10 connector screw - 2 angle brackets

Referanse	Angle bracket capacity							
	Produktkapasiteter – CLT-bjelke til stiv støtte – Ø10 koblingsskruer – 2 vinkelbraketter							
	Utspikring				Karakteristisk bæreevne - 2 vinkelbeslag pr. samling[kN]			
	Flik A		Flik B		R _{1,k}		R _{2,k} = R _{3,k}	
	Antall	Type	Antall	Type	SSH10.0x40	SSH10.0x80	SSH10.0x40	SSH10.0x80
ABR105	1.0	SSH	2.0	Ø10	7.5	13.8	6.9	13.7

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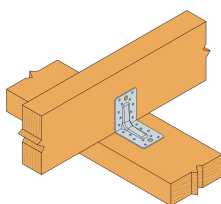
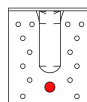
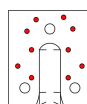
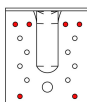
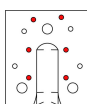
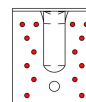
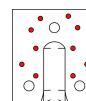
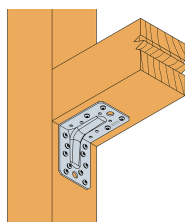
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Montering

Innfesting

Til innfesting brukes CNA4,0xℓ kamspiker eller CSA5,0xℓ beslagskruer

Monteringsveiledning

c*Wood to wood connection.*

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Tekniske noter

Ausschreibungstexte

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