

Technical data sheet



ACR
ACR 7015,9020 a 10520

Angles are suitable for connections wood / wood in supporting structures.

Features

Material

Steel quality:

- S250GD + Z275 according to DIN EN10346

Corrosion protection:

- 275 g / m galvanized on both sides 20mm

Benefits

- **Lightweight but strong connection**

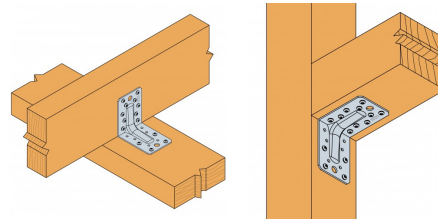
Applications

Applicable materials

Wood, wood products, concrete

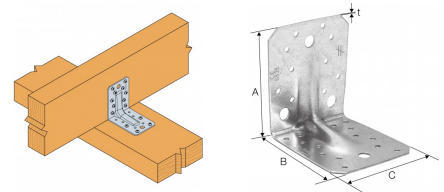
Application area

- **Wood**



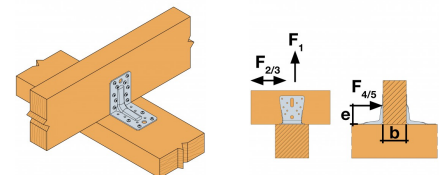
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Technical Data



Product Dimensions

References	Tun / DB nr.	NOB nr.	Product Dimensions [mm]				Joist			Holes flange B			Box Quantity
			A	B	C	t	Ø5 [mm]	Ø8,5 [mm]	Ø11 [mm]	Ø5 [mm]	Ø8,5 [mm]	Ø11 [mm]	
ACR7010	1553150	45471595	70	70	55	1	6	1	-	6	1	-	50
ACR7012	1553154	45562277	70	70	55	1.3	6	1	-	6	1	-	50
ACR7015	1553155	45562580	70	70	55	1.5	6	1	-	6	1	-	50
ACR9012	1553157	45485046	88	88	65	1.3	10	1	-	10	1	-	50
ACR9015	1553160	45562614	88	88	65	1.5	10	1	-	10	1	-	50
ACR9020	1553162	45485065	88	88	65	2	10	-	1	10	-	1	50
ACR10512	1553137	45561880	105	105	90	1.3	10	-	3	14	-	1	50
ACR10515	1553142	45470914	105	105	90	1.5	10	-	3	14	-	1	50
ACR10520	1553147	45561914	105	105	90	2	10	-	3	14	-	1	50



Product capacities - beam to beam - full nailing

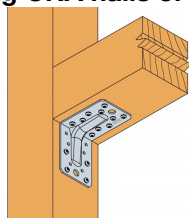
References	Product capacities - Timber to timber - Full nailing					
	Number of Fasteners		Characteristic capacities - Timber C24 - 2 angle brackets per connection [kN]			
	Joist	Flange B	$R_{1,k}$		$R_{2,k} = R_{3,k}$	$R_{4,k} = R_{5,k}$
	Qty	Qty	CNA4.0x35	CNA4.0x60	CNA4.0x60	CNA4.0x60
ACR7010	4	6	2.2	-	-	-
ACR7012	4	6	3.2	-	-	-
ACR7015	4	6	3.9	8.9	7.3	$\min ((3.54xb) + 200 / kmod^{0.6}) / e ; 13.2$
ACR9012	8	10	7.9	-	-	-
ACR9015	8	10	8.9	-	-	-
ACR9020	8	10	9.2	13.3	11.9	$\min ((8xb) + 343 / kmod) / e - 10.7 ; 14.5/kmod^{0.15}$
ACR10512	10	14	10.9	-	-	-
ACR10515	10	14	13	-	-	-
ACR10520	10	14	13.4	17.9	20.3	$\min (((15.6xb) / kmod^{0.6} + (556/kmod)) / e - 10.7 ; 21.2/kmod^{0.15}$

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Installation

Installation

- **Fixing CNA nails or screws CSA.**



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