Technical 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

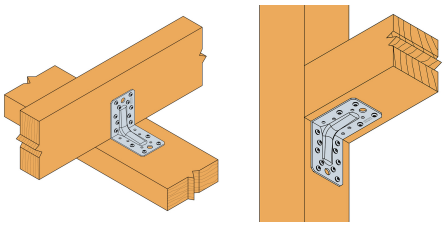
Applications

Applicable materials

Wood, wood products, concrete

Application area

• Wood

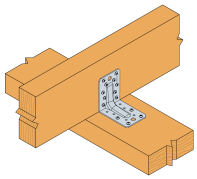


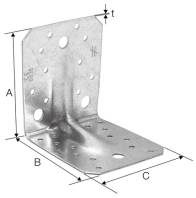
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Technical Data

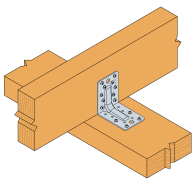
Product Dimensions





Reference	Connector Dimensions													
	Other				Product Dimensions[mm]				Joist[mm]			Flange B[mm]		
	Tun / DB nr.	NOB nr.	Qty per Box	Weight[kg]	A[mm]	B[mm]	C[mm]	Thickness[mm]	Round			Round		
									Ø5[mm]	Ø8.5[mm]	Ø11[mm]	Ø5[mm]	Ø8.5[mm]	Ø11[mn
ACR7012	1553154	45562277	50.0	0.065	70	70	55	1.3	6	1	-	6	1	-
ACR7015	1553155	45562580	50.0	0.081	70	70	55	1.5	6	1	-	6	1	-
ACR9012	1553157	45485046	50.0	0.1	88	88	65	1.3	10	1	-	10	1	-
ACR9020	1553162	45485065	50.0	0.17	88	88	65	2	10	-	1	10	-	1
ACR10515	1553142	45470914	50.0	0.2	105	105	90	1.5	10	-	3	14	-	1
ACR10520	1553147	45561914	50.0	0.27	105	105	90	2	10	-	3	14	-	1

Product capacities - beam to beam - full nailing

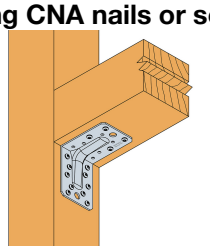


Reference	Angle bracket capacity					
	Product capacities - Timber to timber - Full nailing					
	Number of Fasteners		Characteristic capacity - 2 angle brackets per connection - full nailing[kN]			
	Joist	Flange B	$R_{1,k}$		$R_{2,k}=R_{3,k}$	R4/5,k
	Qty	Qty	CNA4.0x35	CNA4.0x60	CNA4.0x60	CNA4.0x60
ACR7012	4.0	6.0	3.2	-	-	-
ACR7015	4.0	6.0	3.9	8.9	7.3	min (((3.54xb) + 200 / kmod^0.6) / e ; 13.2)
ACR9012	8.0	10.0	7.9	-	-	-
ACR9020	8.0	10.0	9.2	13.3	11.9	min (((8xb) + 343 / kmod) / e-10.7 ; 14.5/kmod^0.15)
ACR10515	10.0	14.0	13	-	-	-
ACR10520	10.0	14.0	13.4	17.9	20.3	min (((15.6xb) / kmod^0.6 + (556/kmod)) / e-10.7 ; 21.2/kmod^0.15)

Installation

Installation

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



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