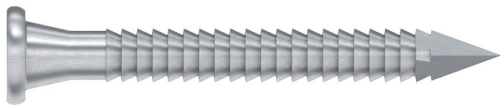
Technical Sheet

CNA
Connector Nail

CNA nails are annular ring shank connector nails with a conical shape under the head. These nails are recommended for structural assemblies and installation of Simpson Strong-Tie connectors to timber, in order to obtain the published load bearing capacities. All tests were performed with this type of nail. CNA nails are stamped ≠ "no equal".



Features

Material

- Steel (class 005 Standard EN10016) - electrogalvanised coating

Features

- CE marked to EN14592
- ETA approved (ETA-04/0013)
- Conical shape under the head for secure fit in connector holes
- High pull-out resistance

Applications

Suitable On

- **Supporting / Supported member**: solid wood, composite lumber, glued-laminated wood.

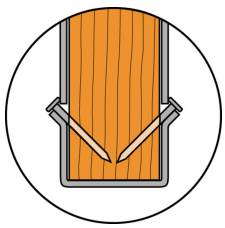
Common Applications

Fixing connectors to timber including solid wood, composite lumber and glued-laminated timber.

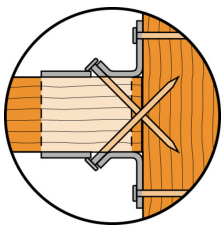
- Joist hanger fastening
- Angle brackets
- Straps
- Nail plates







Positive angle nailing

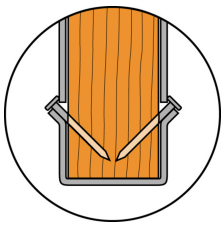


Double Shear nailing

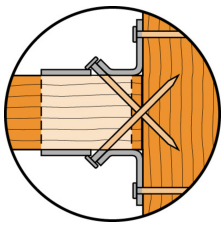




Electroplated ring shank nail CNA



Positive angle nailing

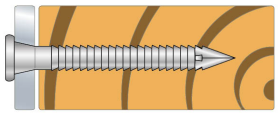


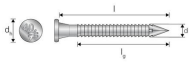
Double Shear nailing

Technical Sheet

CNA
Connector Nail

Technical Data





Product Dimensions

Reference	Fasteners Dimensions[mm]	
	Other	
	Qty/box	Weight[kg]
CNA3.1X22	500.0	0.002
CNA3.1X35	-	0.002
CNA3.1X40	500.0	0.002
CNA3.1X60	250.0	0.004
CNA3.7X50	250.0	0.005
CNA4.0X35	250.0	0.004
CNA4.0X40	250.0	0.005
CNA4.0X50	250.0	0.004
CNA4.0X60	250.0	0.005
CNA4.0X75	250.0	0.008
CNA4.0X100	250.0	0.007

Performance Values - ETA-04/0013

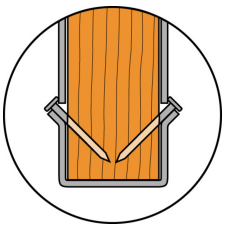
Reference	Nails loads	
	Characteristic Capacities[kN]	
	Rax,k[kN]	Rlat,k[kN]
CNA3.1X22	-	-
CNA3.1X35	-	-
CNA3.1X40	0.57	1.41
CNA3.1X60	0.95	1.64
CNA3.7X50	0.91	1.98
CNA4.0X35	0.61	1.66
CNA4.0X40	0.74	1.85
CNA4.0X50	0.98	2.22
CNA4.0X60	1.23	2.36
CNA4.0X75	1.45	2.5
CNA4.0X100	1.43	2.48

Refer to relevant ITTR or ETA for more details
Performance values based upon timber density of 350 kg/m3

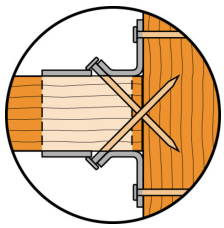
Technical Sheet

CNA
Connector Nail

Installation



Positive angle nailing



Double Shear nailing

Options





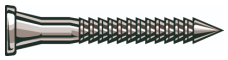


Electroplated ring shank nail CNA













CNA4,0x60



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