

Technical data sheet

SIMPSON**Strong-Tie®**

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

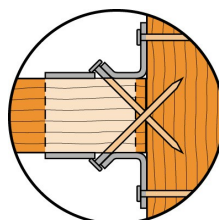
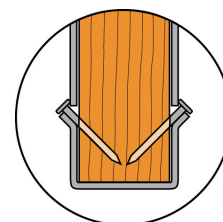
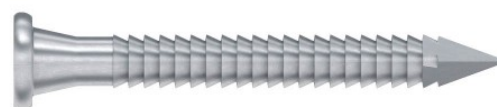
Suitable On

- **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.

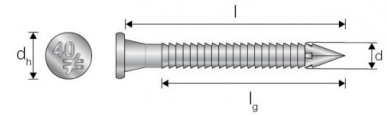
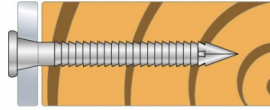
- Joist hanger fastening
- Angle brackets
- Straps
- Nail plates



CNA
Connector Nail

Technical Data

Product Dimensions



References	Product Dimensions [mm]					Box Quantity	Weight [kg]
	l	l _g	d	d _h	h _t		
CNA4.0X35	35	26	4	7	1.5	250	0.004
CNA4.0X40	40	31		7	1.5	250	0.005
CNA4.0X50	50	41		7	1.5	250	0.004
CNA4.0X60	60	51		7	1.5	250	0.005

Performance Values - ETA-04/0013

References	Characteristic Lateral Capacities R _{lat,k} / Material Thickness [mm] [kN]		
	1,2 mm	1,5 - 2,0 mm	2,5 - 4,0 mm
CNA4.0X35	1.7	1.7	1.6
CNA4.0X40	1.9	1.9	1.8
CNA4.0X50	2.2	2.2	2.2
CNA4.0X60	2.4	2.4	2.4

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

