

## 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

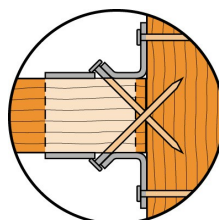
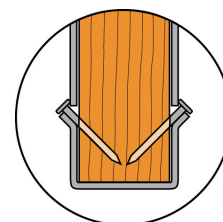
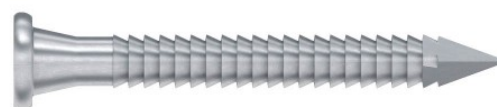
### Suitable On

- **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.**

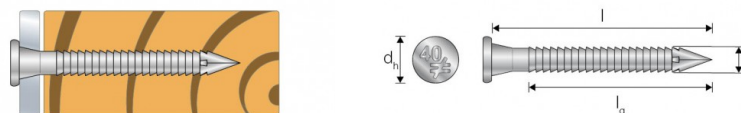
- Joist hanger fastening
- Angle brackets
- Straps
- Nail plates



## CNA Connector Nail

## Technical Data

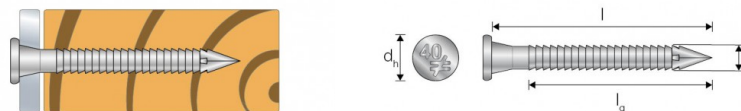
Product dimensions and capacities



References	Product Dimensions [mm]			
	l	d	d <sub>h</sub>	h <sub>t</sub>
CNA3.1X22	22	3.1	6.2	1
CNA3.1X35	-	-	-	-
CNA3.1X40	40	3.1	6.2	1
CNA3.1X60	60	3.1	6.2	1
CNA3.4x60	-	-	-	-
CNA3.7X50	50	3.7	7.4	1.4
CNA4.0X35	35	4	7	1.5
CNA4.0X40	40	4	7	1.5
CNA4.0X50	50	4	7	1.5
CNA4.0X60	60	4	7	1.5
CNA4.0X75	75	4	7	1.5
CNA4.0X100	100	4	7	1.5

Capacities are for 2mm thick steel plates and Grade C24 timber. Please refer to ETA-04/0013 for the capacities of other thicknesses and timber grades

Product Dimensions



References	Product Dimensions [mm]					Outerbox	Weight [kg]
	l	l <sub>g</sub>	d	d <sub>h</sub>	h <sub>t</sub>		
CNA3.1X35	-	-	3.1	-	-	-	0.002
CNA3.4x60	-	-		-	-	-	1.2
CNA3.1X22	22	16		6.2	1	-	0.002
CNA3.1X40	40	30	3.1	6.2	1	-	0.002
CNA3.1X60	60	50		6.2	1	-	0.004
CNA3.7X50	50	40	3.7	7.4	1.4	-	0.005
CNA4.0X35	35	26	4	7	1.5	2000	0.004
CNA4.0X40	40	31		7	1.5	2000	0.005
CNA4.0X50	50	41		7	1.5	2000	0.004
CNA4.0X60	60	51		7	1.5	2000	0.005
CNA4.0X75	75	66		7	1.5	2000	0.008
CNA4.0X100	100	70		7	1.5	2000	0.007

# Technical data sheet

**SIMPSON**

**Strong-Tie®**

## CNA Connector Nail

Performance Values - ETA-04/0013

CNA3.1X22
CNA3.1X35
CNA3.1X40
CNA3.1X60
CNA3.4x60
CNA3.7X50
CNA4.0X35
CNA4.0X40
CNA4.0X50
CNA4.0X60
CNA4.0X75
CNA4.0X100

CNA  
Connector Nail



**SIMPSON**

**Strong-Tie®**