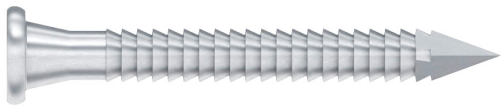
**Technical Sheet**

CNA-S
**Connector Nail Stainless**

CNA-S nails are annular ring shank connector nails with a conical shape under the head. These are identical to standard CNA nails but are made from A4 marine grade stainless steel. 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-S nails are stamped ≠ "no equal". Suitable for use with stainless steel connectors and in severe weather environments.







# Features

## Material

- A4 stainless steel

## Features

- ETA approved (ETA-04/0013)
- Conical shape under the head for secure fit in connector holes
- High pull-out resistance
- A4 stainless steel

# Applications

## Benefits

**• Conical nails securing guarantees transmission of power between the steel and wooden surfaces.**
**• The resistance is governed by ETA or EN.**

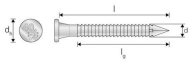
## Common Applications

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

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

CNA-S
**Connector Nail Stainless**

# Technical Data



## Product Dimensions

| Reference | Fasteners Dimensions[mm] | | | | | |
|---|---|---|---|---|---|---|
| | Other | | Product Dimensions[mm] | | | |
| | Qty/box | Weight[kg] | l[mm] | lg[mm] | d[mm] | dh[mm] |
| CNA4.0X40S | 250.0 | 0.004 | 40 | 24 | 4 | 8 |
| CNA4.0X50S | 250.0 | 0.005 | 50 | 34 | 4 | 8 |
| CNA4.0X60S | 250.0 | 0.007 | 60 | 44 | 4 | 8 |

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

## Performance Values - ETA-04/0013

| Reference | Nails loads | | | |
|---|---|---|---|---|
| | Characteristic Lateral Capacities Rlat,k / Material thickness[kN] | | | Characteristic Axial Capacity Rax,k[kN] |
| | 1.2 mm | 1.5 - 2.0 mm | 2.5 - 4 mm | |
| CNA4.0X40S | 1.9 | 1.9 | 1.8 | 0.7 |
| CNA4.0X50S | 2.2 | 2.2 | 2.2 | 1 |
| CNA4.0X60S | 2.4 | 2.4 | 2.4 | 1.2 |

(1) Performance values based upon timber density of 350 kg/m3

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