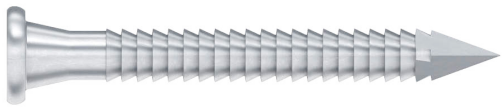
Technical Sheet

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

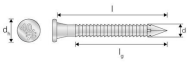
Fixing connectors to timber including solid wood, composite lumber and glued-laminated timber.

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

Technical Sheet

CNA-S
Connector Nail Stainless

Technical Data



Product Dimensions

Reference	Fasteners Dimensions[mm]					
	Other	Product Dimensions[mm]				
	Weight[kg]	l[mm]	lg[mm]	d[mm]	dh[mm]	ht[mm]
CNA4.0X40S	0.004	40	24	4	8	1.5
CNA4.0X50S	0.005	50	34	4	8	1.5
CNA4.0X60S	0.007	60	44	4	8	1.5

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]	Characteristic Capacities[kN]	
	1.2 mm	1.5 - 2.0 mm	2.5 - 4 mm		Rax,k[kN]	Rlat,k[kN]
CNA4.0X40S	1.9	1.9	1.8	0.7	0.74	1.85
CNA4.0X50S	2.2	2.2	2.2	1	0.98	2.22
CNA4.0X60S	2.4	2.4	2.4	1.2	1.23	2.36

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

Installation

Scope

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