

Technical data sheet

LSTA Precut strap ties

SIMPSON
Strong-Tie

LSTA precut strap ties are used among others to bear tensile forces for instance in the case of beams used as rafters against the ridge purlin.

Features

Material

- Pre-galvanised mild steel.

Advantages

Pre-cut lengths.

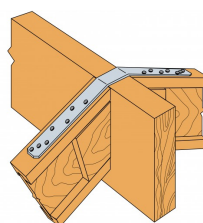
Applications

Suitable On

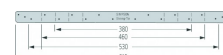
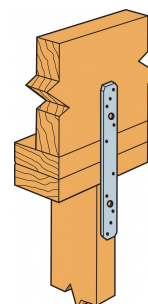
- **Supporting member:** wood.
- **Supported member:** solid wood, glued-laminated wood, composite lumber, I-beams.

When to Use

- Wall plate/rafter connections, etc.



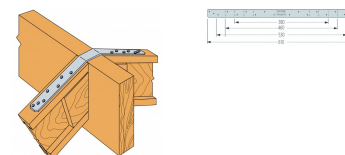
LSTA Installation



LSTA Precut strap ties

Technical Data

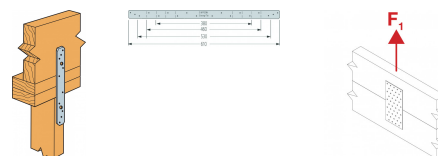
Product Dimensions



LSTA Installation

References	Dimensions [mm]			Holes	
	A	B	t	Ø4.1	Ø12
LSTA9	32	228	1	8	2
LSTA12	32	304	1	10	2
LSTA18	32	457	1	14	2
LSTA24	32	610	1	18	2

Performance Values



References	Fasteners	Safe Working Loads [kN]	Strap Characteristic Tensile Capacity [kN]
		N3.75x30	
LSTA9	8	1.4	5.1
LSTA12	10	1.8	5.1
LSTA18	14	2.5	5.1
LSTA24	18	3.2	5.1

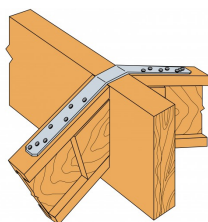
*capacity $R_{1,k}$ is calculated from the nails capacities but mustn't exceed the maximum value.
n = effective number of nails in the row according to Eurocode 5 – 8.3.1.1 (8)

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Installation

Fixing

- CNA annular ring-shank nails dia. 4.0, bolts, anchors, etc.
- Square twist nails N3.75x30.



LSTA Installation

