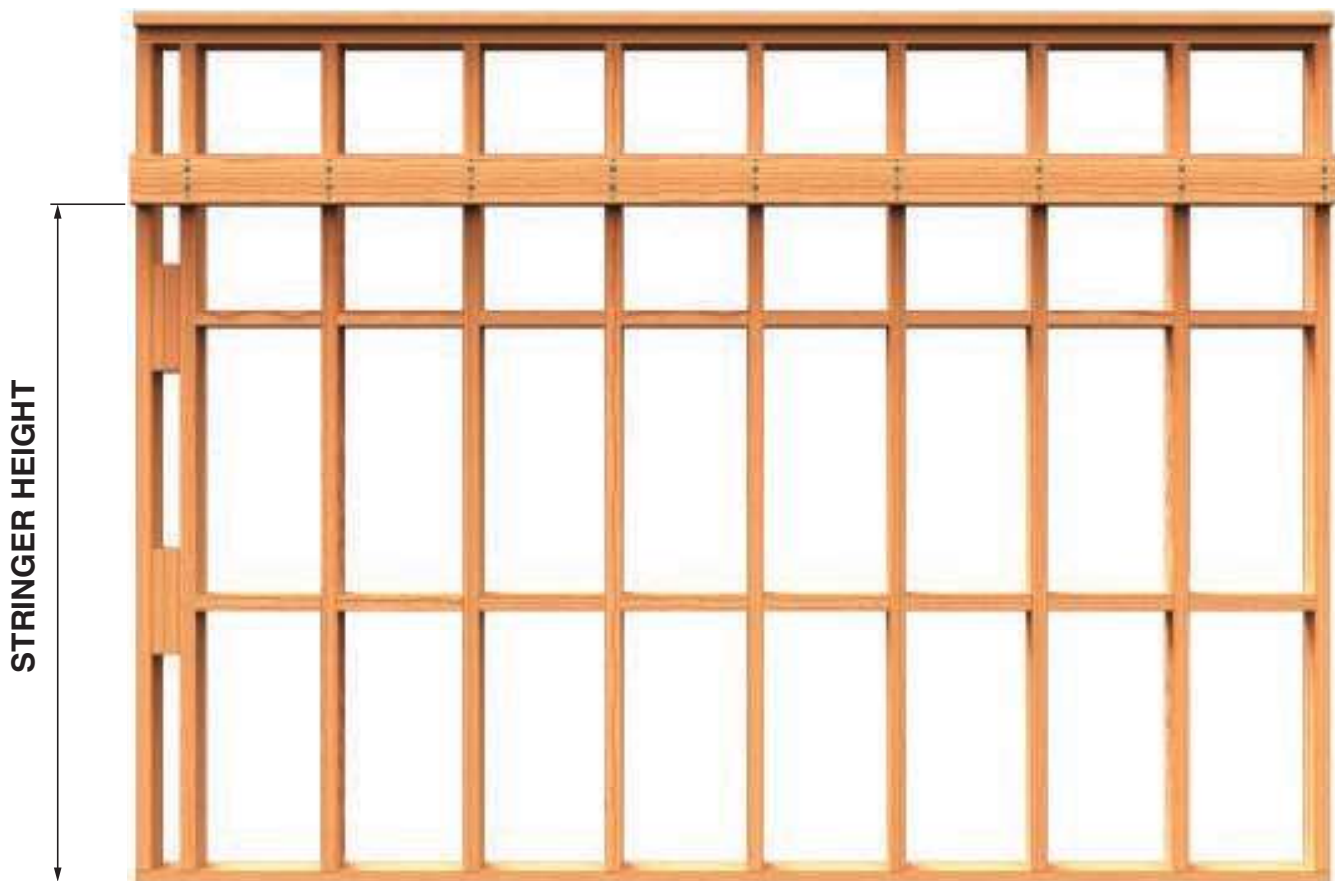


STUD-LOK STRINGER TO STUD FIXING SCHEDULE

LOADINGS AND DETAILS FOR INSTALLING STRINGERS TO TIMBER STUDS

- Timber stringers must be SG8 Radiata pine only
- Stringer height is measured from base of wall or from floor level
- Stud size and spacing indicated are minimum requirements
- Assume supported trusses are at 900mm centres
- Refer to Truss Fixing Report for maximum Truss Characteristic Reactions (Up or Down)
- Select Stringer Type Characteristics Strength > or = maximum Truss Characteristic Reaction

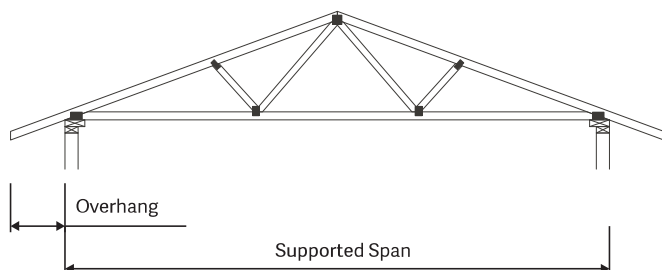


**Available from leading Builders Supply Merchants
throughout New Zealand**

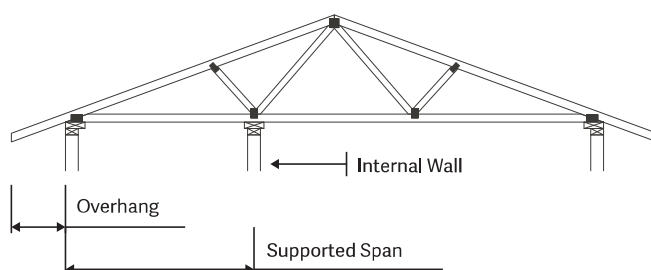
LOADED DIMENSION DEFINITION

EXTERNAL WALL

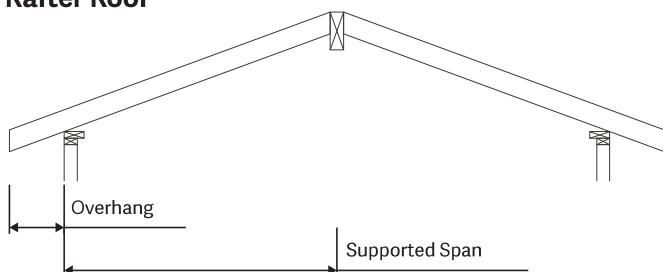
Standard Truss



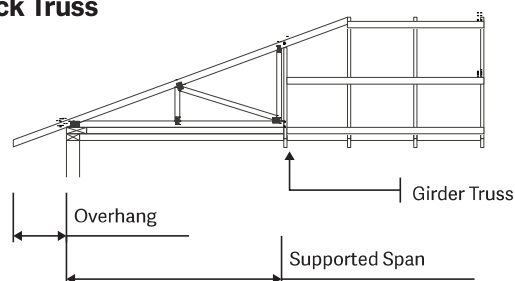
Internally Supported Truss



Rafter Roof



Jack Truss

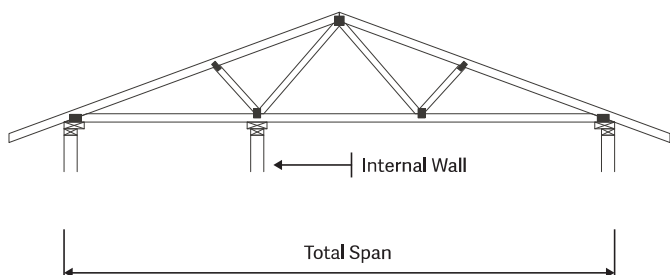


$$\text{External Wall Loaded Dimension} = \left[\frac{\text{Supported Span}}{2} \right] + \text{Overhang}$$

INTERNAL WALL

Internally Supported Truss

(Overhang dimension does not apply)

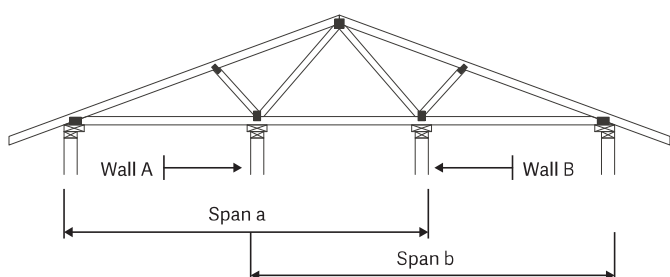


$$\text{Internal Wall Loaded Dimension} = \frac{\text{Total Span}}{2}$$

MULTIPLE INTERNAL WALL

Internally Supported Truss

(Overhang dimension does not apply)



Multiple Internal Wall
Loaded Dimension For

$$\text{Wall A} = \frac{\text{Span a}}{2}$$

$$\text{Wall B} = \frac{\text{Span b}}{2}$$

STRINGER TO STUD FIXING SCHEDULE

FIXING SELECTION CHARTS

0.9kPa Ground Snow Load

Truss Span (m)	Loaded Dimension (m)	Light Roof					Heavy Roof				
		Wind Zone									
		Light	Medium	High	Very High	Extra High	Light	Medium	High	Very High	Extra High
2.0	1.0	K	K	K	K	K	K	K	K	K	K
3.0	1.5	K	K	K	K	K	K	K	K	K	K
4.0	2.0	K	K	K	K	K	L	L	L	L	L
5.0	2.5	L	L	L	L	L	L	L	L	L	L
6.0	3.0	L	L	L	L	L	L	L	L	L	L
7.0	3.5	L	L	L	L	L	M	M	M	M	M
8.0	4.0	L	L	L	L	M	M	M	M	M	M
9.0	4.5	M	M	M	M	M	M	M	M	M	M
10.0	5.0	M	M	M	M	M	M	M	M	M	M
11.0	5.5	M	M	M	M	M	N	N	N	N	N
12.0	6.0	M	M	M	M	M	N	N	N	N	N

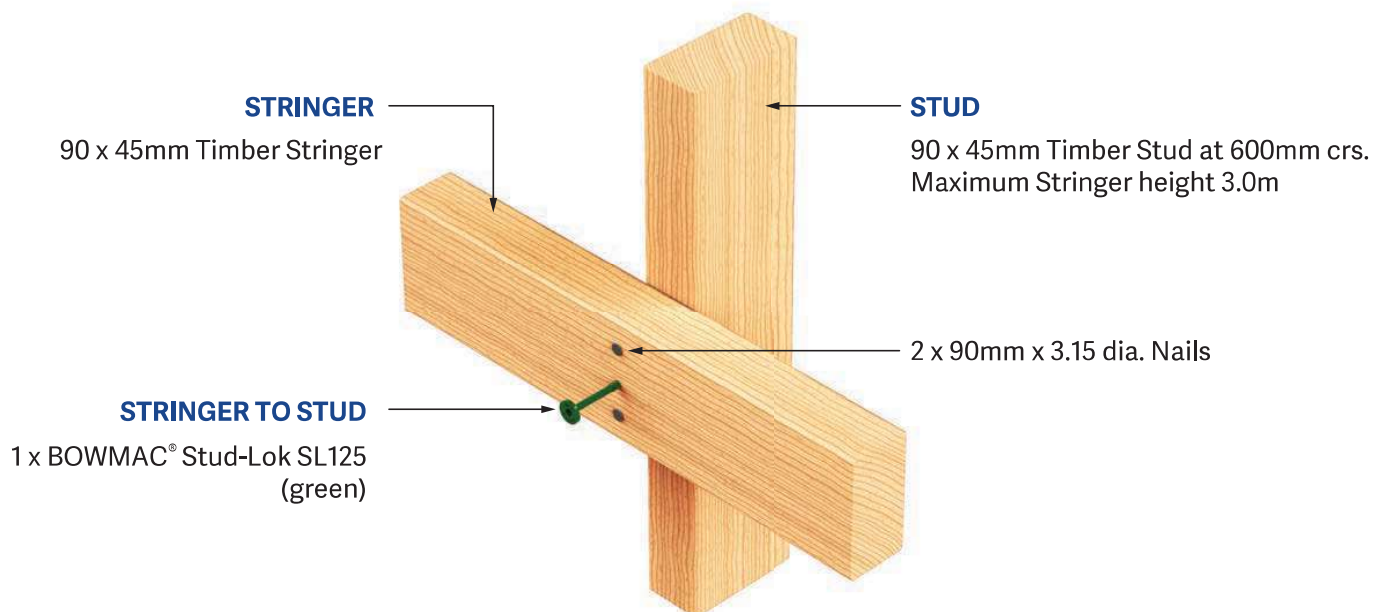
1.5kPa Ground Snow Load

Truss Span (m)	Loaded Dimension (m)	Light Roof					Heavy Roof				
		Wind Zone									
		Light	Medium	High	Very High	Extra High	Light	Medium	High	Very High	Extra High
2.0	1.0	K	K	K	K	K	K	K	K	K	K
3.0	1.5	K	K	K	K	K	L	L	L	L	L
4.0	2.0	L	L	L	L	L	L	L	L	L	L
5.0	2.5	L	L	L	L	L	M	M	M	M	M
6.0	3.0	L	L	L	L	L	M	M	M	M	M
7.0	3.5	M	M	M	M	M	M	M	M	M	M
8.0	4.0	M	M	M	M	M	N	N	N	N	N
9.0	4.5	M	M	M	M	M	N	N	N	N	N
10.0	5.0	M	M	M	M	M	SED	SED	SED	SED	SED
11.0	5.5	M	M	M	M	M	SED	SED	SED	SED	SED
12.0	6.0	N	N	N	N	N	SED	SED	SED	SED	SED

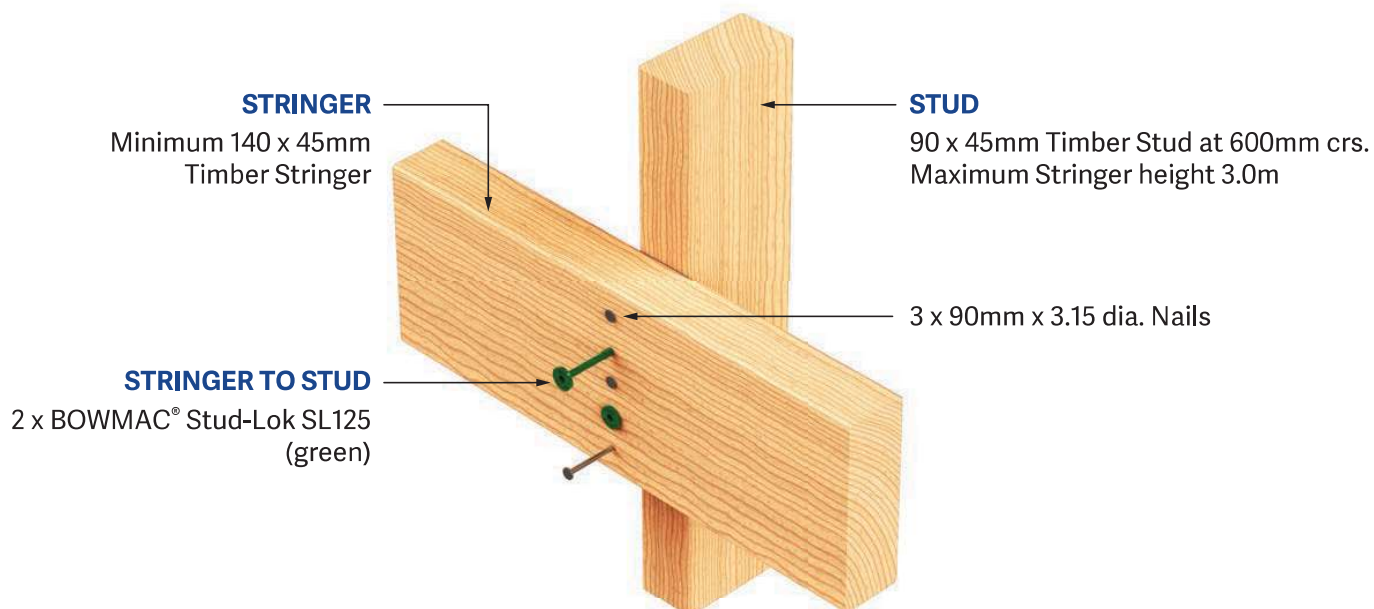
FIXING OPTIONS TABLE

Fixing Type	Description	Minimum Stud Size	Stud Centres	Min. Stringer Size	Characteristic Load
K	2 x 90mm x 3.15 dia. nails + 1 x BOWMAC Stud-Lok SL125 (green)	90 x 45mm	600mm	90 x 45mm	3.93kN
L	3 x 90mm x 3.15 dia. nails + 2 x BOWMAC Stud-Lok SL125 (green)	90 x 45mm	600mm	140 x 45mm	7.22kN
M	Fixing Type L + 1 x LUMBERLOK Multigrip with 3 x LUMBERLOK Type 17-14g x 35mm Hex Screws per flange	90 x 45mm	600mm	140 x 45mm	12.67kN
N	Fixing Type L + 1 x LUMBERLOK Split Hanger SPH140 with 3 x LUMBERLOK Type 17-14g x 35mm Hex Screws per flange	90 x 45mm	400mm	140 x 45mm	14.72kN

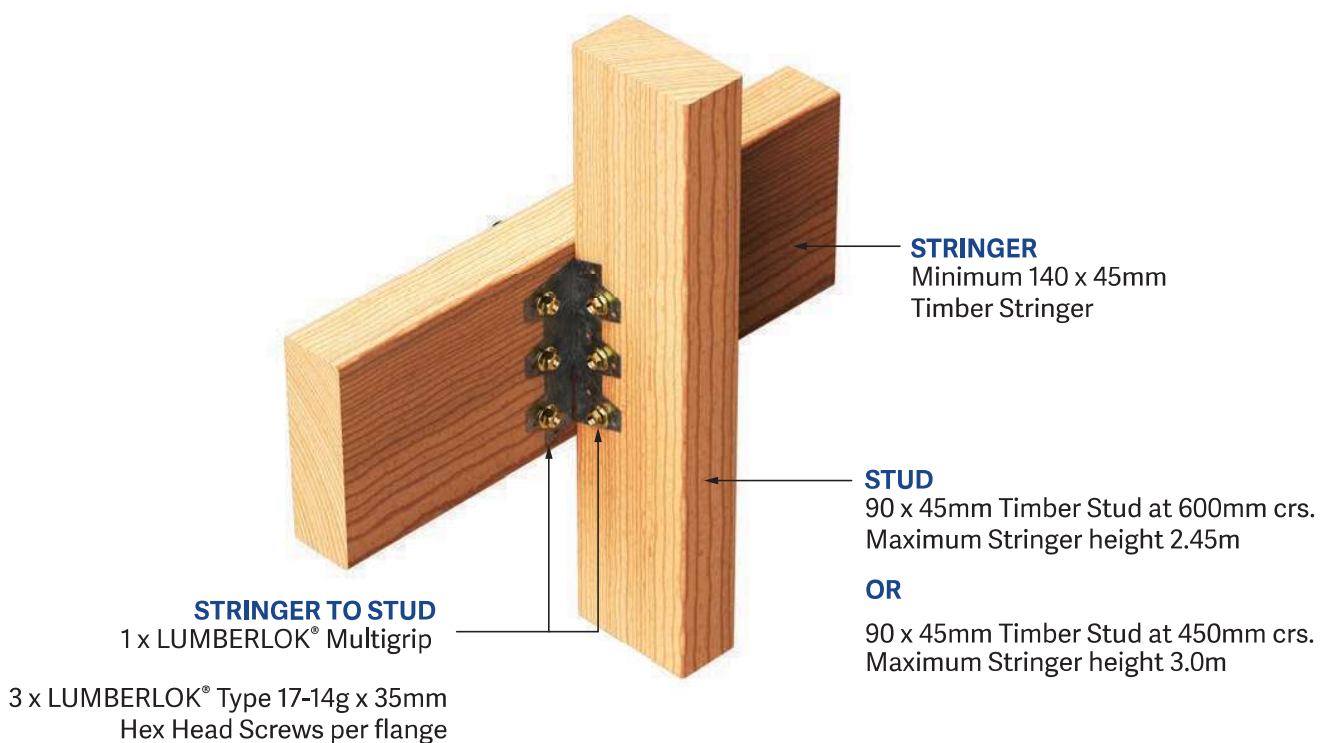
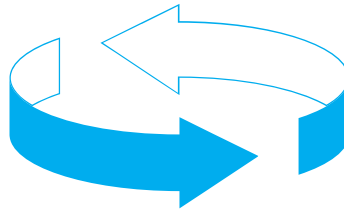
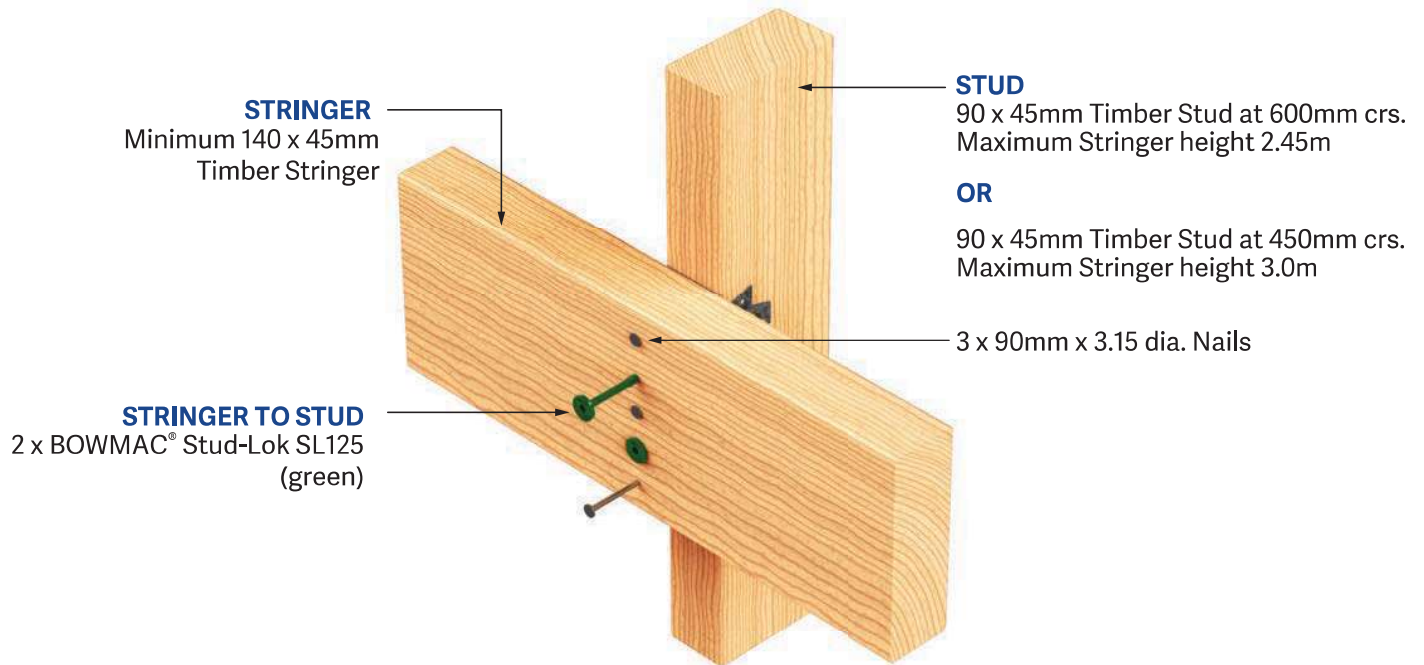
TYPE K 3.93kN



TYPE L 7.22kN



TYPE M 12.67kN



TYPE N 14.72kN

