



PRODUCT DATA

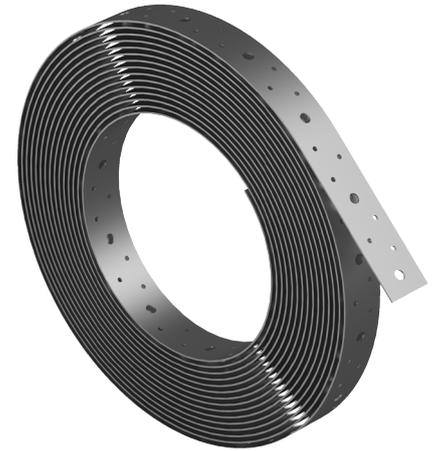
Bracing Strap Punched

AS1684 - Residential Timber Framed Construction allows the use of punched metal strapping in structural wall bracing for residential timber-framed construction. Hobson supply strapping that complies with the technical requirements of AS1684 Section 8.3.6 Wall Bracing.

Applications	
<ul style="list-style-type: none"> Structural wall bracing Roof truss to top plate Bearer to post 	<ul style="list-style-type: none"> Floor joist to bearer or top plate Beam to lintel

Material	A4 316 Stainless
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Finish	316 316 Stainless
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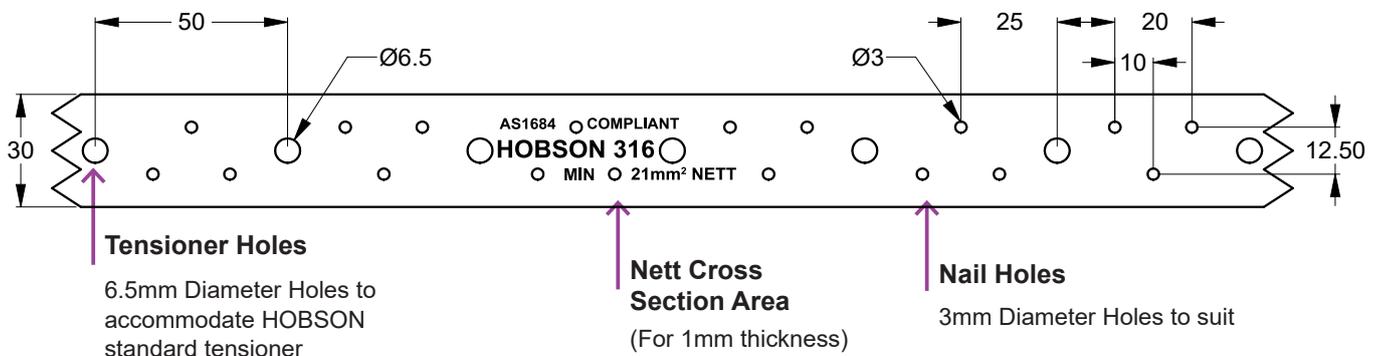


Features

- Designed to brace timber framed walls in domestic building.
- Applicable to single and two-storey construction.

Part	Length (m)	Thickness (mm)	Minimum Nett Section Area	Yield Load (kN)	Tensile Load (kN)	Pack Qty
GSB1610P3020	20	1.0	21 mm ²	4.2	10.3	1

AS 1684 Residential Timber – Framed Construction		Part 2: Non-Cyclonic Areas	Part 3: Cyclonic Areas
Table	Type	Racking Capacity	
8.18 (b)	A	1.5 kN/m	
8.18 (d)	B	3.0 kN/m	



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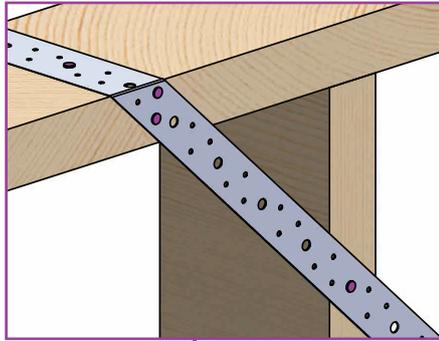
Bolt Tension | Anti-Vibration | Product Reliability | Traceability



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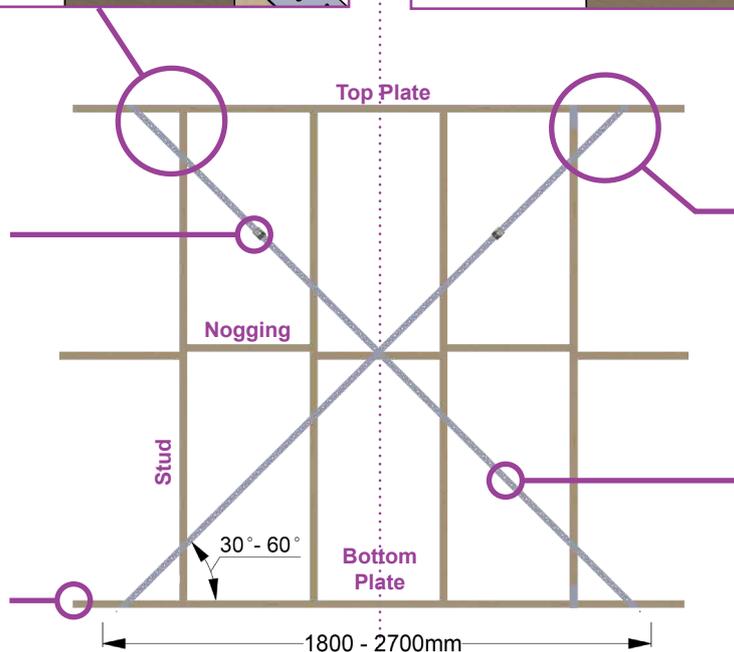
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Type A


30 x 1.0mm tensioned metal brace fixed to studs with 1/30 x 2.8mm 316 plain shank nails and to plate with 3/30 x 2.8mm 316 plain shank nails and metal strap, fixed as above with a net sectional area not less than 15mm².

Fix bottom plate to floor frame or slab with nominal fixing only (see AS1684 Table 9.4).



30 x 1.0mm metal strap looped over plate and fixed to stud with 4/30 x 2.8mm Ø 316 plain shank nails to each end. Alternatively, provide single straps to both sides, with 4 nails per strap end, or equivalent anchors or other fasteners.

30 x 1.0mm tensioned metal strap fixed to studs with one 30 x 2.8mm Ø 316 plain shank nails and to plates with 4/30 x 2.8mm Ø 316 plain shank nails and metal strap fixed as above with a net sectional area not less than 21mm².

Installation Guide

Metal straps, tensioned Installation

1. Fix first end into position using 316 connector plain shank nails as detailed in Type A or Type B layouts.
2. Stretch structural bracing strap tightly over entire panel to be braced.
3. Fix second end while maintaining tension on the strap.
4. Fix second brace in the same manner to form "X" bracing.
5. Fix one tensioner in each leg to remove any remaining slack.
6. After tightening with the tensioner, fix structural bracing strap to each stud and nogging in each braced panel with 316 plain shank nails. As shown in Type A or Type B accordingly.

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