

HX Engineered Restraint Straps

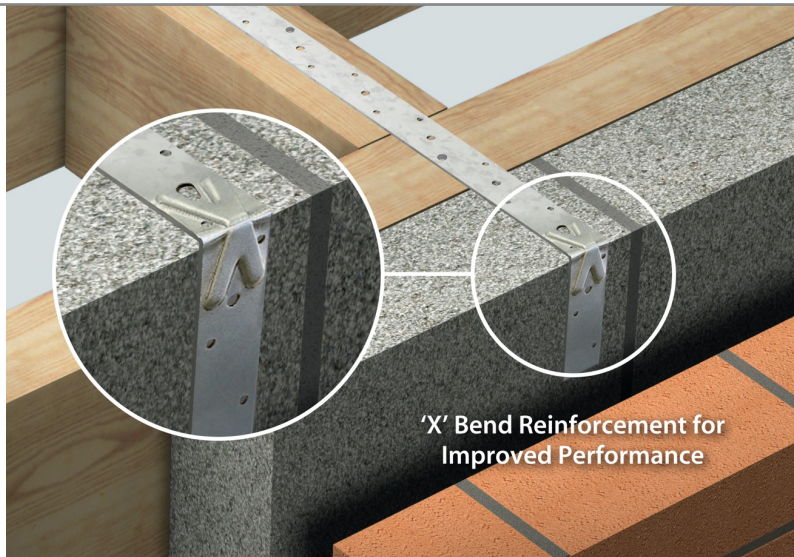
Data sheet

Issue Date:
May 2026

HX horizontal restraint straps are engineered to provide the performance of our traditional 'H' strap. Manufactured from galvanised mild steel to BS EN 10346. The HX restraint strap is a thin profile (1.5mm thick) strap suitable for horizontal restraint applications such as tying timber roofs and floors into masonry walls.



Patent Pending



'X' Bend Reinforcement for Improved Performance

Product

Features:

- Quick and easy to install
- No notching required
- Direct replacement for bent H restraint straps
- Lighter and easier to handle than traditional straps
- Unique 'X' reinforcement in the bend for increased performance

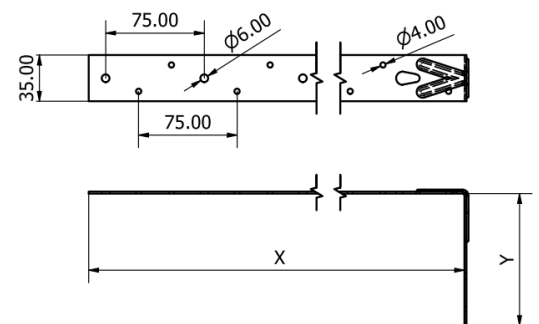
Fixings:

- Timber fixings 8No, 3.75 x 30mm sherardised square twist nail
- At least one fixing must be into 3rd joist or truss

Approvals:

- Meets the requirements of BS EN 845-1
- UKCA and CE Marked

Dimensions



Bent Variations					
Product Code	Length (mm) X	Bend (mm) Y	Total Length (mm)	Pack Size	Characteristic Capacity (kN)
HX/600/B100	500	100	600	20	8.0
HX/800/B100	700	100	800	20	8.0
HX/1000/B100	900	100	1000	20	8.0
HX/1200/B100	1100	100	1200	20	8.0
HX/1500/B100	1400	100	1500	20	8.0

Flat Variations			
Product Code	Length (mm)	Pack Size	Tensile Characteristics Capacity (kN)
HX/600/F	600	20	10.8
HX/800/F	800	20	10.8
HX/1000/F	1000	20	10.8
HX/1200/F	1200	20	10.8
HX/1500/F	1500	20	10.8

