

Technical data sheet

SIMPSON

Strong-Tie

SAE(X)

Heavy Duty Face Fix Hanger - Skewed and or Sloped Options

SAE(X) is a heavy duty hanger that we can manufactured with skewed, sloped or skewed and sloped options

Applications

Material

Pre-galvanised mild steel

Header Member

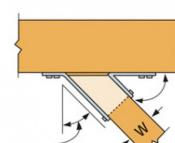
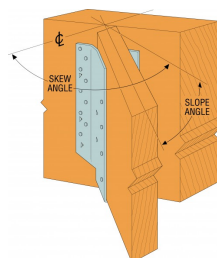
- Solid Timber
- I-Joists
- Steel

For Use With

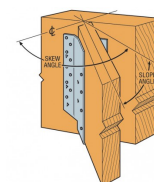
- Solid sawn timber joists
- Purlins



Z275



Top view SAE(X) Hanger
Skewed right (no bolt holes)



Typical SAE(X) Sloped down, skewed
right installation (no bolt holes)

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Technical Data

SAE(X) MADE TO ORDER SPECIALS

References	Product Dimensions [mm]			Number of Fasteners		Safe Working Load [kN]
	A	B	C	Header	Joist	$R_{1,SWL, long\ Term}$
				Qty	Qty	C16 Header N3.75x30
SAE-250X	40-76	87-105	64	6	4	2.3
SAE-380X	38-100	140-175	64	14	6	5.4
SAE-500X	38-150	165-235	64	18	8	6.9
SAE-600X	38-150	235-290	64	28	10	10.8
SAE-720X	40-182	269-340	64	28	10	10.8

1. These hangers are based upon Composite Wood style SAE hangers and contain round and triangular nail holes only. (ie. No Bolt Holes).
2. SWL's are based upon a maximum nailing schedule—all round and triangular holes filled.
3. Skews right or left up to 67.5° and slopes up or down up to 45°. For combined skew and sloped hangers the maximum SWL is 80% of the stated loads.
4. Enables hangers to be manufactured for any combination of widths and heights listed for a model number.
5. To order specify model number, width, height, skew and/or slope. eg SAE380/63 Skewed Right at 15° becomes SAE380X, A = 63, B = 159, SKR = 15° (for no skewed/sloped options please specify skew = 0° & slope = 0°).

Note: the hanger height (B) would normally be input as 10mm less than the ujoist height, to allow for any timber tolerances etc

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Installation

Fasteners

Install using 3.75x30 Square Twist Nails

Winchester Road Cardinal Point Tamworth
Staffordshire B78 3HG
tel: +44 1827 255600
fax: +44 1827 255616

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