Technical Sheet

SAE(X)
Heavy Duty Face Fix Hanger - Skewed and or Sloped

SAE(X) is a heavy duty hanger that we can manufactured with skewed, sloped or skewed and sloped options.
For exterior applications, stainless steel options available upon request.



SC 1

Z275

SC 2

Applications

Material

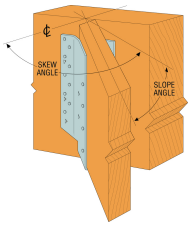
Pre-galvanised mild steel

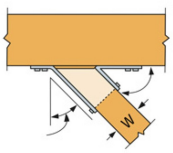
Header Member

- Solid Timber
- I-Joists
- Steel

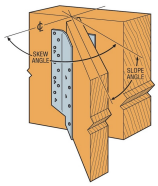
For Use With

- Solid sawn timber joists
- Purlins





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

Reference	Hanger capacity			Connector Dimensions		
	Number of Fasteners		Safe Working Loads[kN]	Product Dimensions[mm]		
	Header	Joist	$R_{1,s}W_{l,long\ term}$	A[mm]	B[mm]	C[mm]
	Qty	Qty	C16 Header			
			N3.75x30			
SAE-250X	6.0	4.0	2.3	40-76	87-105	64
SAE-380X	14.0	6.0	5.4	38-100	140-175	64
SAE-500X	18.0	8.0	6.9	38-150	165-235	64
SAE-600X	28.0	10.0	10.8	38-150	235-290	64
SAE-720X	28.0	10.0	10.8	40-182	269-340	64

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

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