




# PRODUCT DATA

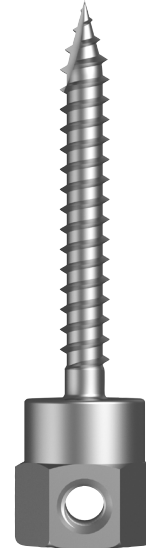
## Self-Drilling Vertical Side Hanger T17 - Timber

**Vertical Side Hangers** are a one-piece, self-drilling fastening system suitable for installation into timber and ideal for the suspension of threaded rod (side entry).

Applications	
Suspension of threaded rod for:	
<ul style="list-style-type: none"> <li>• Pipe hanging</li> <li>• Fire protection</li> <li>• Electrical conduit and cable-tray</li> </ul>	

<b>Material</b>	 HEC Carbon Steel
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<b>Finish</b>	 Zinc Plate (RoHS Compliant)
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Mechanical Properties				
Torsional Strength	<sup>1</sup> Mean Tensile Strength	<sup>1</sup> Mean Shear Strength	<sup>2</sup> Characteristic Tensile Strength	<sup>2</sup> Characteristic Shear Strength
(Nm)	(N)	(N)	(N)	(N)
17.6	22600	13550	21000	12600

Note: 1000N = 1kN

<sup>1</sup> Mean Load/Strength is the average ultimate strength of samples tested.

<sup>2</sup> Characteristic Load/Strength: 95% of these screws are expected to have a strength greater than the loads shown.

All values are obtained under laboratory conditions using Hobson product. Safety factors should be considered for design purposes. Actual pull out loads may differ depending on certain properties of the base material

# CONX<sup>®</sup>TRUCT

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Bolt Tension | Anti-Vibration | Product Reliability | Traceability

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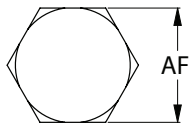
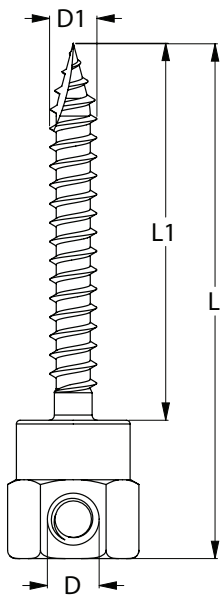




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## Self-Drilling Vertical Side Hanger T17 - Timber

Part	QFind	Rod Size Ø	Major Diameter	Screw Thread	Overall Length	Length	AF
		D	D1 (mm)	G - TPI	L (mm)	L1 (mm)	(mm)
MVWMSZSM100050	<b>MVW107</b>	M10	6.3	14g - 20	71	50	16

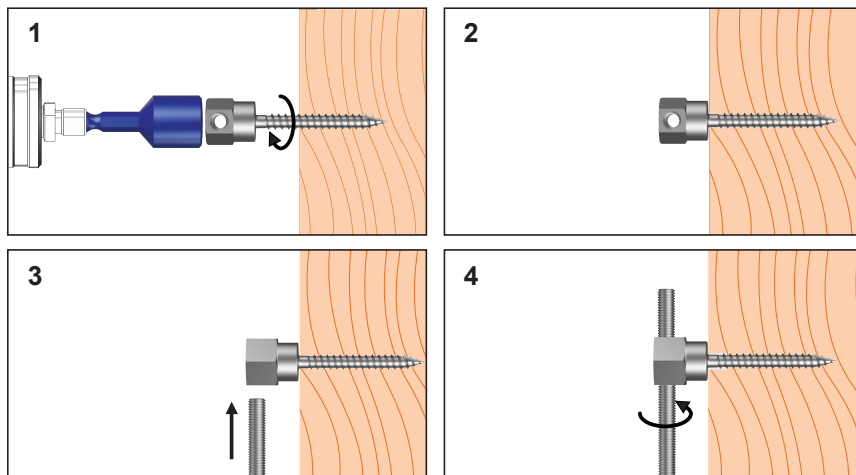


- Self-drilling into wood/ timber beams or joists
- Fast and easy installation and attachment

Best installed with cordless impact drivers

## Vertical Side Hanger } Timber

### Installation



### Notes

1. Use a 16mm socket to drive hanger into timber. Recommended drill speed is 1500 rpm.
2. Drive hanger until the body is flush with the timber surface.
3. Insert M10 threaded rod into hanger.
4. Rotate rod clockwise until fully engaged in the hanger.



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## Self-Drilling Vertical Side Hanger T17 - Timber

### Design Capacity in Unseasoned Timber - Single Shear

Part	Size	Embedment (mm)	Min Edge Distance (mm)	Min End Distance (mm)	Min Thickness of Member (mm)	Application of Structural Member	J1 (N)	J2 (N)	J3 (N)	J4 (N)	J5 (N)	J6 (N)
MVWMSZSM100050	14g	50	32	63	63	Category 1*	2694	2122	1516	1076	785	504
						Category 2*	2535	1997	1427	1012	739	474
						Category 3*	2377	1872	1338	949	693	445

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Part	Size	Embedment (mm)	Min Edge Distance (mm)	Min End Distance (mm)	Min Thickness of Member (mm)	Application of Structural Member	JD1 (N)	JD2 (N)	JD3 (N)	JD4 (N)	JD5 (N)	JD6 (N)
MVWMSZSM100050	14g	50	32	63	63	Category 1*	3576	2694	2122	1516	1076	785
						Category 2*	3365	2535	1997	1427	1012	739
						Category 3*	3155	2377	1872	1338	949	693

**\*Notes:**

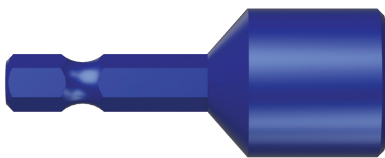
Design Capacities calculated to CL 4.3.3.2 of AS1720.1 for 50+ year duration

Category 1 - Structural joints for houses for which failure would be unlikely to affect an area greater than 25m<sup>2</sup> OR Joints for secondary elements in structures other than houses

Category 2 - Primary structural joints in structures other than houses OR joints for house construction for which failure of the joint would be likely to affect an area greater than 25m<sup>2</sup>

Category 3 - Primary structural joints in structures intended to fulfill an essential services or post disaster function

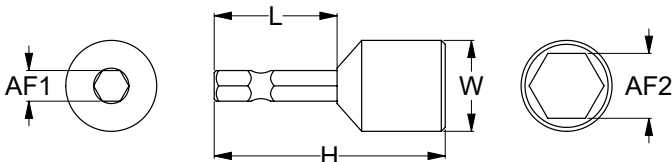
### Socket to suit: MXSVS-SI



#### Features

- Easy and fast installation and attachment
- 1/4" drive
- Socket for easy installation of timber/metal vertical hangers

Part	QFind	To Suit Size Ø	Height	Length	AF1	AF2	Width	Colour	Pack Qty
		D (mm)	H (mm)	L (mm)	inch	(mm)	W (mm)		
MXSVS-SI	Q7199	M6/M8/M10	50	25	1/4	16	18	Blue	10



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