



PRODUCT DATA

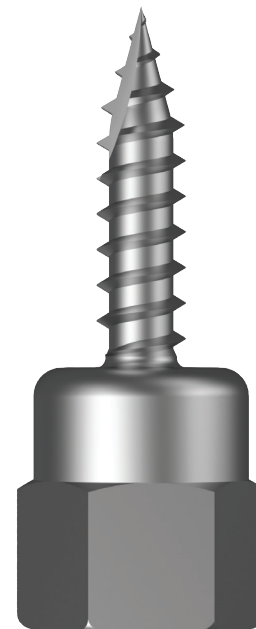
Self-Drilling Vertical Threaded Rod Hanger T17 - Timber Page 1 of 3

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

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

Material	CS Carbon Steel
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Finish	Z/P Zinc Plate (RoHS Compliant)
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Pull-Out Values				
Plate	Timber Embedment	Mean Load ¹	Characteristic Load ²	Working Load ³
	(mm)	(N)	(N)	(N)
F7 Pine	35	6450	4350	1750
Hardwood	35	9800	7850	3150

Mechanical Properties				
Torsional Strength	Mean Tensile Strength ¹	Mean Shear Strength ¹	Characteristic Tensile Strength ²	Characteristic Shear Strength ²
(Nm)	(N)	(N)	(N)	(N)
17.6	22600	13550	21000	12600

Note: 1000N = 1kN
¹ Mean Load/Strength: the average ultimate strength of samples tested.
² Characteristic Load/Strength: 95% of these screws are expected to have a strength greater than the loads shown.
³ Working Load: the governing minimum allowable load obtained by comparing relevant concrete and steel working loads. Factors of Safety (FOS = 2.5 for steel, FOS = 2.5 for timber and FOS = 3.0 for concrete) are already included.

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



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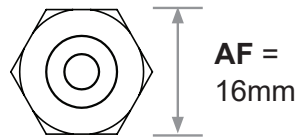
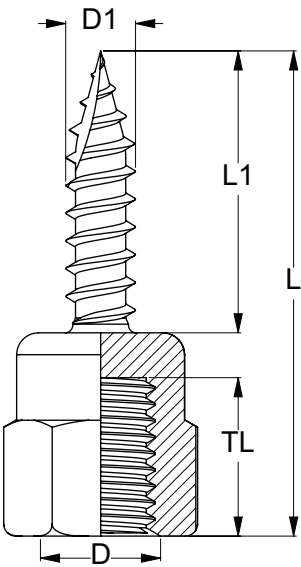
Bolt Tension | Anti-Vibration | Product Reliability | Traceability



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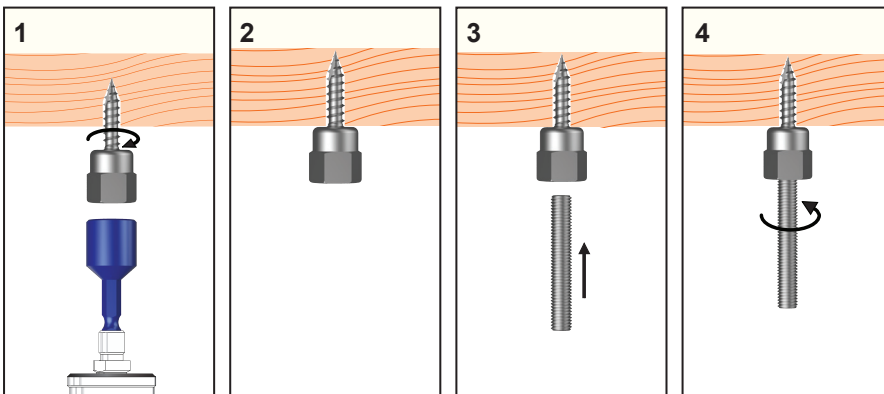
Part	QFind	Rod Size Ø	Major Diameter	Screw Thread	Internal Thread Length	Thread Length	Overall Length	AF
		D	D1 (mm)	G-TPI	TL (mm)	L1 (mm)	L (mm)	(mm)
MVWMSZIM100025	MVW102	M10	6.3	14g - 10	15	25	46	16
MVWMSZIM100050	MVW103	M10	6.3	14g - 10	15	50	71	16



Best installed with cordless impact drivers

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

Installation



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.

CONXTRUCT

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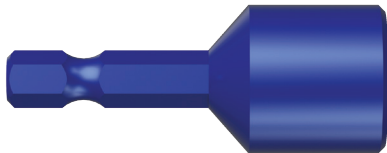




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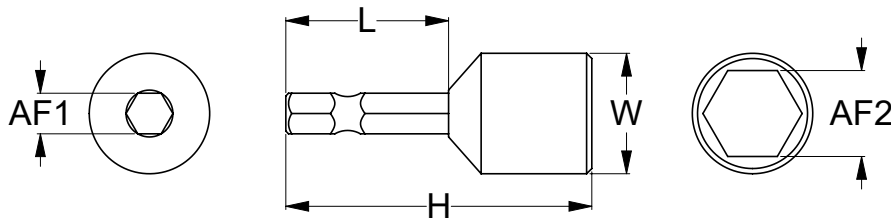
Socket to suit: MXSVS-SI



Features

- Fast and easy 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
		D (mm)	H (mm)	L (mm)	inch	(mm)	W (mm)	
MXSVS-SI	Q7199	M6/M8/M10	50	25	1/4	16	18	Blue



CONX[®]TRUCT

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