

XSAI-Z

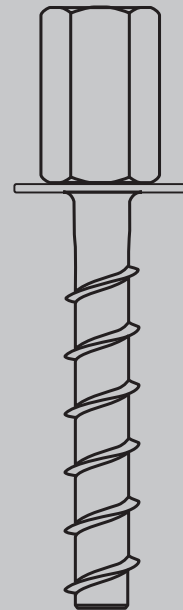
M8/M10 FEMALE THRED ROD HANGER / ZINC PLATED / C1 SEISMIC RATED

ZP

CERTIFICATION

TDS

Technical Data Sheet



NCC
COMPLIANT
AS 5216



For Install Support

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XSAI-Z

M8/M10 FEMALE THREAD ROD HANGER / ZINC PLATED / C1 SEISMIC RATED

XSAI-Z

M8/M10 Female Thread Rod Hanger,
Zinc Plated, C1 Seismic Rated

High Performance ●●●●●



- Hex coupler with internal M8/M10 thread. Removable washer
- For the direct attachment of threaded rod
- Suspended ceilings, building services, overhead connections
- Zinc Plated ($\geq 5\mu\text{m}$) for dry internal environments or temporary works

AS 5216 Compliant

ETA Cracked and Uncracked Concrete

C1 Seismic Rated

R30 - R120 Fire Rated

Supported by AFOS Anchor Design Software

Anchor Summary

Part Number	Description, Dia x L	Max. Fixture Thickness, t_{fix}	Embedment Depth, h_{nom}	Effective Anchor Depth, h_{ef}	Drill Hole Dia x Depth, $d_0 \times h_1$	Min. Concrete Thickness, h_{min}	Seismic C1/C2	Design Capacity in 32MPa Cracked Concrete ²⁾		Indicative Price Per Fixing ⁴⁾
								Tension	Shear ³⁾	
1077.0060035	6 x 35mm	0mm	35mm ¹⁾	27mm ¹⁾	6 x 40mm	80mm	- / -	0.7kN ¹⁾	0.7kN ¹⁾	\$1.57
		20mm	35mm ¹⁾	27mm ¹⁾	6 x 40mm		- / -	0.7kN ¹⁾	0.7kN ¹⁾	
1077.0060055	6 x 55mm	15mm	40mm	31mm	6 x 45mm		✓ / -	1.6kN	5.0kN	\$1.62
		0mm	55mm	44mm	6 x 60mm		✓ / -	3.3kN	5.6kN	

1) For embedment $h_{nom}=35\text{mm}$, the fixing is to be used only for multiple anchor redundant non-structural systems in concrete and pre-stressed hollow core slabs. Higher design capacities are possible depending on specific system arrangement (up to 2.5kN tension and 3.0 kN shear).

2) Without concrete edge or anchor spacing influence. Static and quasi-static load such as wind. To consider all design inputs and details, please refer to our AFOS Anchor Design Software or the ETA.

3) Shear capacity applicable when shear loading is applied under the washer, not to the coupler on top.

4) Based on a volume of 1000+ fixings, as of March 2026.

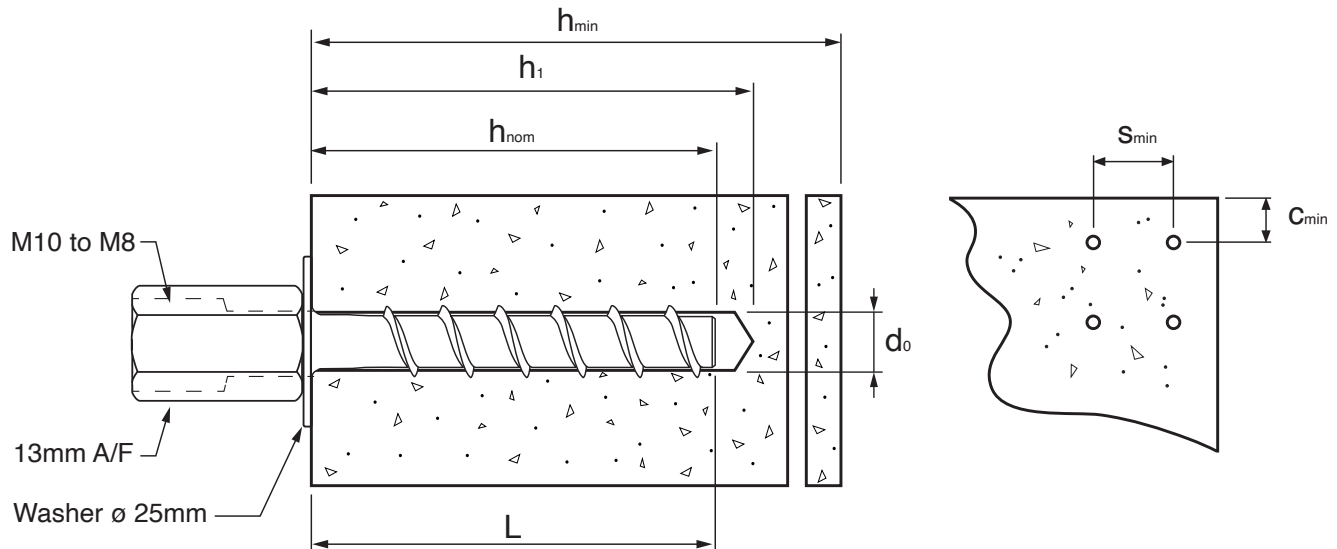
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Installation Parameters

Anchor Size		[mm]	6		
Embedment depth	h_{nom}	[mm]	35	40	55
Drill hole diameter	d_o	[mm]	6		
Depth of drill hole	$h_1 \geq$	[mm]	40	45	60
Diameter of clearance hole in fixture	$d_f \leq$	[mm]	8		
Max. installation torque for screws with metric connection thread	$T_{inst} \leq$	[Nm]	10		
Tangential impact screw driver ¹⁾	$T_{imp,max}$	[Nm]	160		
Driver	Hex	[mm]	13		
Minimum thickness of concrete member	h_{min}	[mm]	80		
Minimum spacing	s_{min}	[mm]	35	40	
Minimum edge distance	c_{min}	[mm]	35	40	

1) Installation with tangential impact screw driver, with maximum power output $T_{imp,max}$ according to manufacturer's instructions is possible.



Installation Instructions

Drill hole preparation and cleaning		Install concrete screw-anchor			
1		<p>Drill hole perpendicular to concrete surface. Using a vacuum drill, continue with step 3.</p>	3		<p>Screw in anchor and apply installation torque, T_{inst}, by using a calibrated torque wrench or install with a tangential impact driver to $T_{imp,max}$.</p>
2		<p>Blow out dust or alternatively vacuum clean down to the bottom of the hole.</p>	4		<p>After installation, the head of the anchor is supported on the fixture and must be undamaged. (Note: Fixture is optional for this anchor)</p>

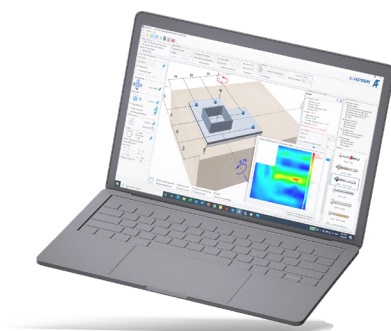
For other anchor properties, please refer to the ETA on our website.



AFOS[®]
Anchor Design Software

DOWNLOAD

allfasteners.com.au/afos



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