

XSAB-Z

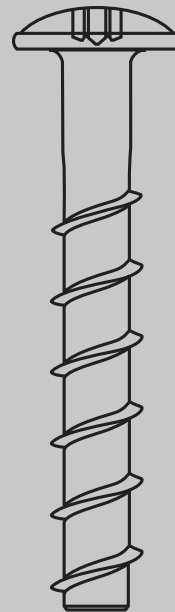
CONCRETE SCREW-ANCHOR TORX BUTTON HEAD / ZINC PLATED / C1 SEISMIC RATED

ZP

CERTIFICATION

TDS

Technical Data Sheet



NCC
COMPLIANT
AS 5216



For Install Support

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For Customer Support

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XSAB-Z

CONCRETE SCREW-ANCHOR TORX BUTTON HEAD / ZINC PLATED / C1 SEISMIC RATED

XSAB-Z

Concrete Screw-Anchor Torx Button Head,
Zinc Plated, C1 Seismic Rated

High Performance ●●●●●



- Internal wall partitioning, suspended ceilings, building services, brackets
- 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, $d_0 \times h_t$	Min. Concrete Thickness, h_{min}	Seismic C1/C2	Design Capacity in 32MPa Cracked Concrete ²⁾		Indicative Price Per Fixing ³⁾
								Tension	Shear	
1074.0060050	6 x 50mm	15mm	35mm ¹⁾	27mm ¹⁾	6 x 40mm	80mm	- / -	0.7kN ¹⁾	0.7kN ¹⁾	\$0.88
		10mm	40mm	31mm	6 x 45mm		✓ / -	1.6kN	5.0kN	
		45mm	35mm ¹⁾	27mm ¹⁾	6 x 40mm		- / -	0.7kN ¹⁾	0.7kN ¹⁾	
1074.0060080	6 x 80mm	40mm	40mm	31mm	6 x 45mm	✓ / -	1.6kN	5.0kN	\$1.25	
		25mm	55mm	44mm	6 x 60mm	✓ / -	3.3kN	5.6kN		

1) For embedment $h_{\text{nom}}=35\text{mm}$, 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) Based on a volume of 1000+ fixings, as of March 2026.

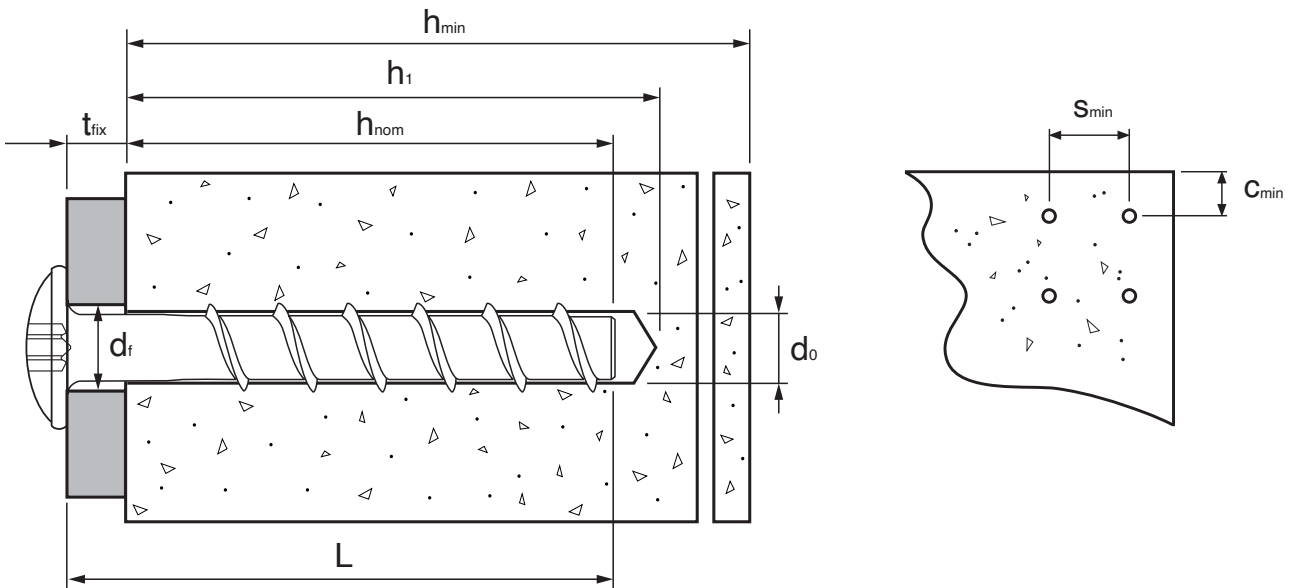
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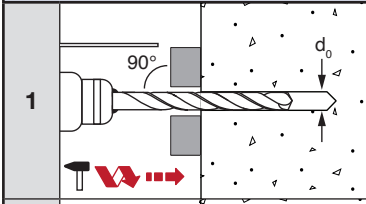
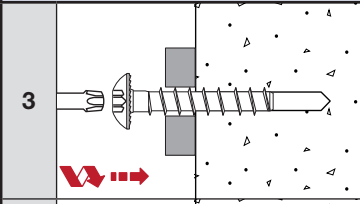
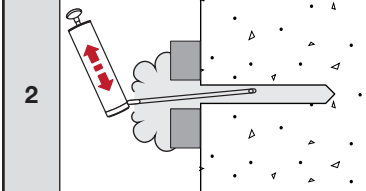
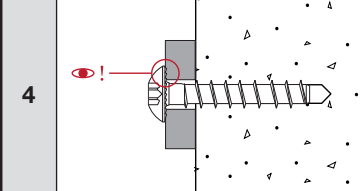
Installation Parameters

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		
Tangential impact screw driver ¹⁾	$T_{imp,max}$	[Nm]	160		
Driver	Torx	-	T30		
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 the anchor using an impact screw driver to the corresponding torque value / setting / maximum power output. Ensure not to over-tighten.</p>
2		<p>Blow out dust or alternatively vacuum clean down to the bottom of the hole.</p>	4		<p>Check to ensure that you have full contact of screw head with fixture. Head must be undamaged.</p>

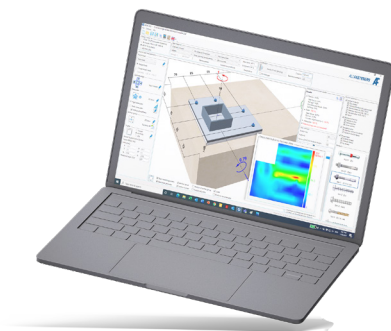
For other anchor properties, please refer to the ETA on our website.



AFOS[®]
Anchor Design Software

DOWNLOAD

allfasteners.com.au/afos



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