

# SAC-S

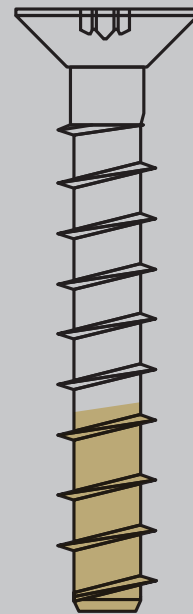
## CONCRETE SCREW-ANCHOR TORX COUNTERSUNK HEAD / 316 (A4) STAINLESS STEEL / C1 SEISMIC RATED

316

CERTIFICATION

TDS

### Technical Data Sheet



**NCC**  
COMPLIANT  
AS 5216



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**For Specification Support**

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**For Customer Support**

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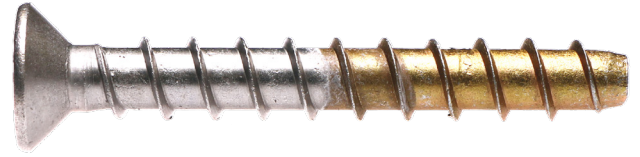


# SAC-S

CONCRETE SCREW-ANCHOR TORX COUNTERSUNK HEAD / 316 (A4) STAINLESS STEEL

## SAC-S

Concrete Screw-Anchor Torx Countersunk Head,  
316 (A4) Stainless Steel, C1 Seismic Rated



- Connecting structural steel or timber to concrete
- Facades, balustrades, building services, height access systems, industrial, fencing
- A4 stainless steel for corrosive environments, outdoors

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, $d_0 \times h_1$	Minimum Concrete Thickness, $h_{min}$	Seismic C1 / C2	Design Capacity in 32MPa Cracked Concrete <sup>2)</sup>		Indicative Price Per Fixing <sup>3)</sup>
								Tension	Shear	
1043.0060080	6 x 80mm <sup>1)</sup>	10mm	70mm <sup>1)</sup>	43mm <sup>1)</sup>	6 x 80mm	110mm	- / -	2.0kN <sup>1)</sup>	2.0kN <sup>1)</sup>	\$3.81
1043.0080100	8 x 100mm	15mm	85mm	52mm	8 x 95mm	125mm	✓ / -	2.7kN	8.9kN	\$5.75
1043.0100110	10 x 110mm	10mm	100mm	59mm	10 x 110mm	140mm	✓ / -	5.9kN	13.0kN	\$7.62
1043.0100135	10 x 135mm	35mm								\$9.52
1043.0100150	10 x 150mm	50mm								\$10.50

1) The 6mm anchor is to be used only for multiple anchor redundant non-structural systems in concrete. Higher design capacities are possible depending on specific system arrangement (up to 2.9kN tension and 3.0kN 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.

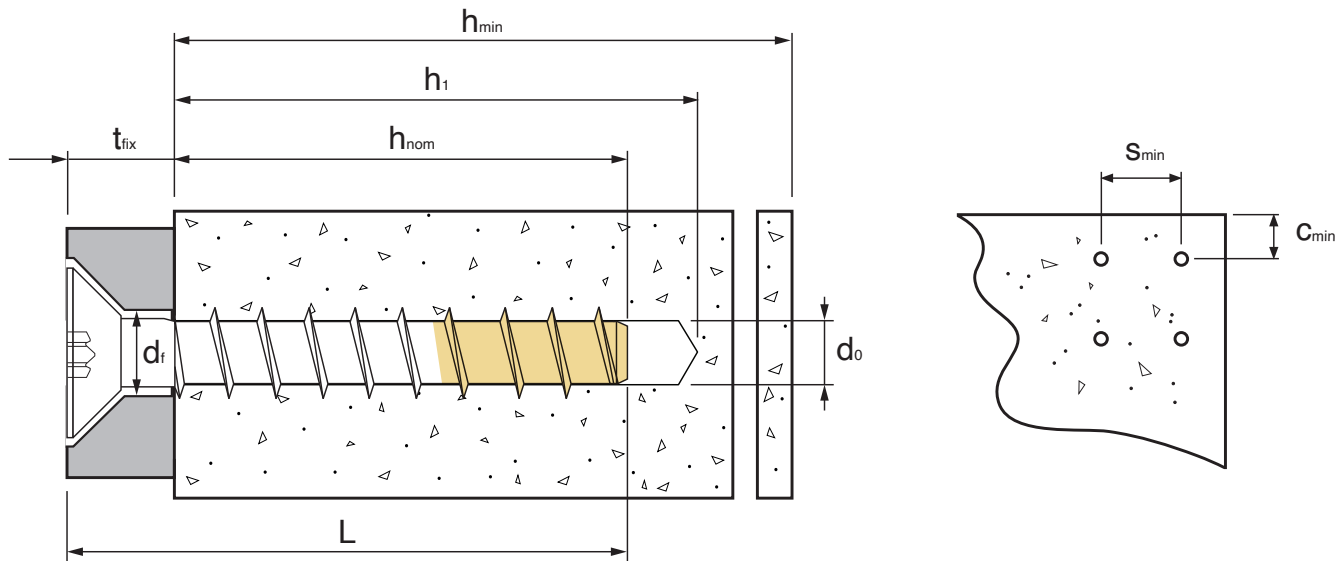
3) Based on a volume of 500+ to 1000+ fixings, as of March 2026.

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## Installation Parameters

Anchor Size		[mm]	6	8	10
Embedment depth	$h_{nom}$	[mm]	70	85	100
Drill hole diameter	$d_o$	[mm]	6	8	10
Depth of drill hole	$h_1 \geq$	[mm]	80	95	110
Fixture clearance hole diameter	$d_f$	[mm]	9	11	13
Max. power output, power tool setting	$T_{max}$	[Nm]	80	120	185
Driver bit	Torx	-	T40	T45	T50
Minimum thickness of concrete member	$h_{min}$	[mm]	110	125	140
Minimum spacing	$s_{min}$	[mm]	40	50	60
Minimum edge distance	$c_{min}$	[mm]	40	50	60



Installation Instructions

Drill hole preparation and cleaning			Install concrete screw-anchor		
1		Drill hole perpendicular to concrete surface. Using a vacuum drill, continue with step 3.	3		Screw in the anchor using an impact screw driver to the corresponding torque value / setting / maximum power output. Ensure not to overtighten.
2		Blow out dust or alternatively vacuum clean down to the bottom of the hole.	4		Check to ensure that you have full contact of screw head with fixture.

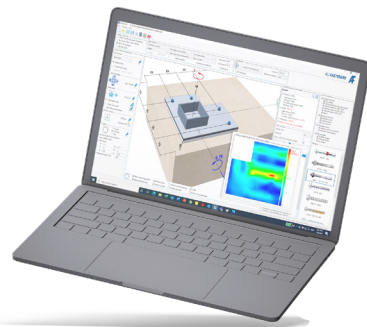
For other anchor properties, please refer to the ETA on our website.



**AFOS**<sup>®</sup>  
Anchor Design Software

DOWNLOAD

[allfasteners.com.au/afos](http://allfasteners.com.au/afos)



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