

NCC COMPLIANT AS5216 CONFORMING

SCREW ANCHOR EXTERNAL THREAD

Range 6mm

Ceramic Coated
Damp, external applications

FEATURES & BENEFITS

- Ideal for light duty safety critical & fire rated applications.
- Intended working life of 50 years.
- High tensile single piece anchor, cuts thread into concrete.
- ETA rating - Seismic C1.
- Fire rating to 120 minutes.

APPLICATIONS/TRADES

- HVAC Duct work.
- Fire protection.
- Cable tray applications.

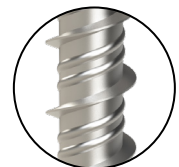
COMPLIANCE



AS5216



M8 or M10
external thread



Triple Hi-Lo thread
for improved tensile
performance



Tapered tip for simpler
installation



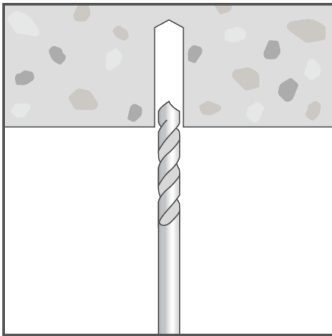
SCREW ANCHOR EXTERNAL THREAD

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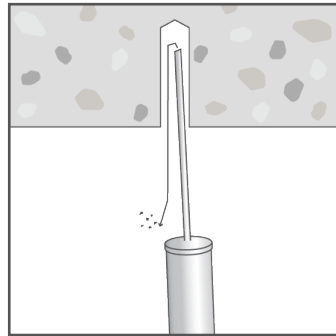
RANGE

Product Code	Pack Qty	ETA Cert'n level	Anchor length (mm)	Drill hole Ø (mm)	Drill hole depth (mm)	Minimum concrete thickness (mm)	External thread size
			l_t	d_o	h_1	h_{min}	
ASE0R06055ETA	50	Seismic C1	55	6	65	100	M10
ASE8R06055ETA	50	Seismic C1	55				M8

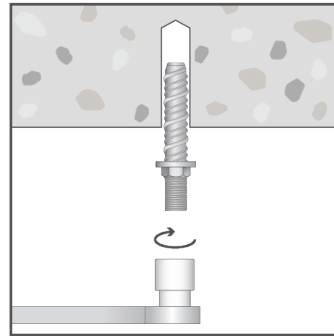
INSTALLATION



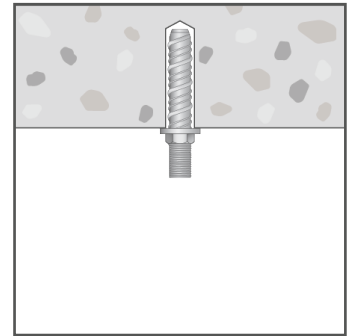
Drill hole into substrate to the specified diameter and depth.



Clear hole of drilling debris.



Insert anchor into hole and screw in using spanner, socket or an impact wrench. Apply constant forward pressure when driving and tighten to the specified torque.



Use hand tools when removing the anchor. Do not remove with power tools if resetting the anchor.

SCREW ANCHOR

EXTERNAL THREAD

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PRODUCT INSTALL & PERFORMANCE INFORMATION

Product Code	Anchor length (mm)	External thread size	Drill hole depth (mm)	Minimum embedment depth (mm)	Socket size AF (mm)	Installation torque (Nm)	Design Capacities	
							Uncracked concrete - tension (kN)	Uncracked concrete - shear (kN)
							$N_{Rd,ucr}$	$V_{Rd,ucr}$
ASE0R06055ETA	55	M10	55	55	17	15	6	5.9
ASE8R06055ETA	55	M8			13			

Note: Concrete cylinder compressive strength = 32MPa.
 Single anchor capacity - no nearby edge, minimum recommended concrete thickness.
 For combined load cases (tension & shear) - must also comply with $(N^* / N_{Rd}) + (V^* / V_{Rd}) \leq 1.2$.

Important Disclaimer: Product performance information contained herein is based on ETA certificate data and AS5216:2021 inputs as appropriate. Capacity information is limited to very simple load case configurations and is provided to enable a relative comparison within and across product ranges. The design of an anchoring solution for a particular application should be conducted by an appropriately qualified design professional.