

MASONRY ANCHORS

NCC COMPLIANT AS5216 CONFORMING

DROPIN ANCHOR INTERNAL THREAD

Range M6 - M16

Zinc Plated Dry, internal applications

FEATURES & BENEFITS

- Ideal for safety critical load case applications.
- Intended working life of 50 years.
- Comprehensive range from M6 to M16
- ETA rating Option 7, Uncracked Concrete
- Fire rating to 120 minutes for all anchor sizes.

APPLICATIONS/TRADES

- Suspended services to concrete slab soffit.
- The internal ISO metric coarse thread accepts a wide range of bolts and threaded rod.
- Leaves no protrusion once fixture removed
 ideal for make good in leased space environments.

AS5216

Balustrade and hand rail base plates.

COMPLIANCE









Internal thread accepts a wide range of bolts & threaded rod



Installs with a flush finish



Set the internal anchor plug using the correct setting tool







TECHNICAL DATA SHEET

DROPIN ANCHOR INTERNAL THREAD NCC COMPLIANT | AS5216 CONFORMING

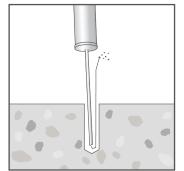
RANGE											
Product Code	Pack Qty	Thread size	Anchor length (mm)	Drill hole Ø (mm)	Drill hole depth (mm)	Minimum concrete thickness (mm)	Fixture clearance hole Ø (mm)				
			I _t	d	h ₁	h _{min}	d _f				
ADIMZ06025ETA	100	M6	25	8	25	100	7				
ADIMZ08030ETA	50	M8	30	10	30	100	9				
ADIMZ10040ETA	50	M10	40	12	40	120	12				
ADIMZ12050ETA	25	M12	50	15	50	140	14				
ADIMZ16065ETA	20	M16	65	20	65	160	18				

Note:

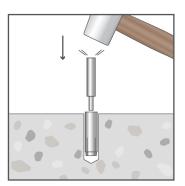
INSTALLATION



Drill hole into substrate to the specified depth

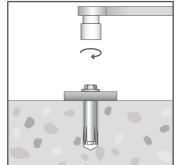


Clear hole of drilling debris.



Tap anchor into the drilled hole using a hammer until flush with substrate surface.

Impact the setting tool with a hammer until the setting tool contacts the top of the anchor body.



Place fixture, install bolt / threaded rod and apply specified installation torque.

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PRODUCT INSTALL & PERFORMANCE INFORMATION

					Design Capacities	
Product Code	Anchor length (mm)	Drill hole depth (mm)	Minimum concrete thickness (mm)	Installation torque - maximum (Nm)	Uncracked concrete - tension (kN)	Uncracked concrete - shear (kN)
	I _t	h ₁	h _{min}	T _{inst}	N _{Rd}	V _{Rd}
ADIMZ06025ETA	25	25	100	4	3.4	1.7
ADIMZ08030ETA	30	30	100	8	2.8	3.7
ADIMZ10040ETA	40	40	120	15	4.7	4.7
ADIMZ12050ETA	50	50	140	35	6.8	5.0
ADIMZ16065ETA	65	65	160	60	9.8	12.0

Note:

Concrete cylinder compressive strength = 32MPa

Single anchor - no nearby edge, minimum recommended concrete thickness

For combined load cases - must also comply with (N* / N_{Bd}) + (V* / V_{Bd}) \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.

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