NCC COMPLIANT
AS5216 CONFORMING

KEW UNIVERSAL FRAME ANCHOR
HEX & COUNTERSUNK HEAD
Range 10mm

Zinc Plated Screws
Dry, internal applications

Available in Hex head and countersunk head options

Triple fins prevent anchor spinning in hole

Nylon sleeve provides insulation between fixing screw and substrate

ZINC PLATED

FEATURES & BENEFITS

- Multiple fixings in non structural applications.
- Intended working life of 50 years.
- ETA rating - ETAG 020, Multiple fixings in non structural applications.

APPLICATIONS/TRADES

- Fixing to concrete, solid & hollow masonry units.
- Timber Framing.
- Gates, metal brackets.
- Door frames, windows, battens.

COMPLIANCE

National Construction Code AS5216 ETA ETAG 020 FIRE RESISTANCE R90

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PRODUCT INFORMATION - Countersunk screw head

Product Code	Pack Qty	Anchor length (mm) l_t	Maximum fixture thickness (mm) $t_{fix,\ max}$	Drill hole dimensions @ $t_{fix,\ max}$ (mm) d_O x h_1	Torx Drive Bit
RDDTZ100802	50	80	10	Ø10 x 90	T40
RDDTZ101002	50	100	20		T40
RDDTZ101202	50	120	40		T40
RDDTZ101402	50	140	60		T40
RDDTZ101602	50	160	80		T40
RDDTZ101802	50	180	100		T40
RDDTZ102002	50	200	120		T40

Note: For a fixture thickness (tfix) that is less than the tfix,max value tabled above:
- increase the drill hole depth (h1) by (tfix,max - tfix actual)

PRODUCT INFORMATION - Hexagonal screw head

Product Code	Pack Qty	Anchor length (mm) l_t	Maximum fixture thickness (mm) $t_{fix,\ max}$	Drill hole dimensions @ $t_{fix,\ max}$ (mm) d_O x h_1	Socket size AF (mm) SW
RDDSZ100802	50	80	10	Ø10 x 90	13
RDDSZ101002	50	100	20		
RDDSZ101202	50	120	40		
RDDSZ101402	50	140	60		
RDDSZ101602	50	160	80		
RDDSZ101802	50	180	100		
RDDSZ102002	50	200	120		
RDDSZ102302	50	180	150		
RDDSZ102602	50	200	180		

Note: For a fixture thickness (tfix) that is less than the tfix,max value tabled above:
- increase the drill hole depth (h1) by (tfix,max - tfix actual)

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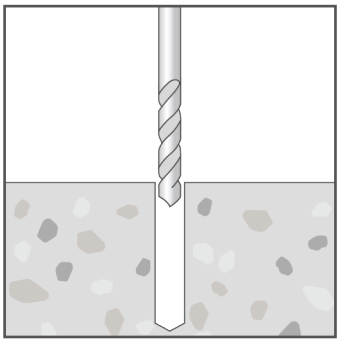
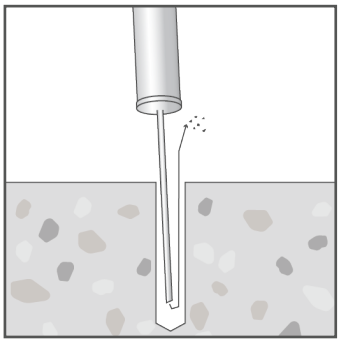
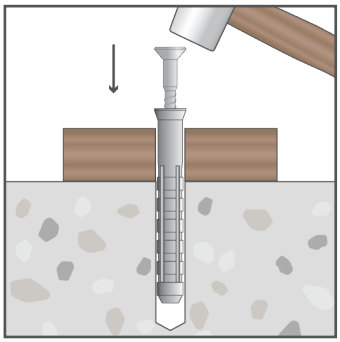
INSTALLATION



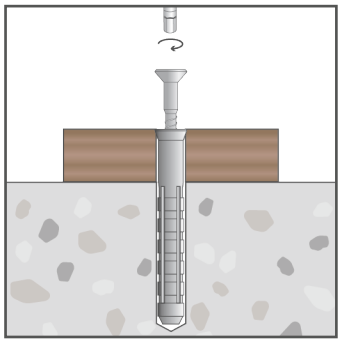
Drill hole into substrate to the specified diameter and depth



Clear hole of drilling debris.



Tap anchor through the fixture into the substrate until all are firmly in contact



Drive the screw until it is flush with the anchor head using an electric screwdriver to set the anchor

PRODUCT INSTALL & PERFORMANCE INFORMATION - Concrete

Product Code	Drill hole dimensions @ $t_{fix,\ max}$ (mm)	Anchor embedment depth (mm)	Minimum concrete thickness (mm)	Design Capacities: Uncracked concrete - tension (kN)	Design Capacities: Uncracked concrete - shear (kN)
	d_O X h_1	h_{nom}	h_{min}	N_{Rd}	V_{Rd}
All anchors tabled above	Ø10 x 90	80	115	1.6	3.8

Note:
Concrete cylinder compressive strength ≥ 20MPa
Valid for temperature range 50 °C / 80 °C (maximum air temperature / maximum short-term temperature).
For combined load cases - must also comply with $(N^* / N_{Rd}) + (V^* / V_{Rd}) \leq 1.2$
Single anchor - no nearby edge, minimum recommended concrete thickness
Refer to ETA document for details

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PRODUCT INSTALL & PERFORMANCE INFORMATION - Concrete

Product Code	Drill hole dimensions @ $t_{fix,\ max}$ (mm)	Anchor embedment depth (mm)	Design Capacities Load in any direction (kN)	
			Solid Masonry	Hollow Masonry
	$d_O \times h_1$	h_{nom}	F_{Rd}	F_{Rd}
All anchors tabled above	Ø10 x 90	80	1.1	0.3

Note:
Masonry unit compressive strength ≥ 20MPa
Valid for temperature range 50 °C / 80 °C (maximum air temperature / maximum short-term temperature).
Single anchor - no nearby edge, minimum recommended concrete thickness
Refer to ETA document for details of the relevant masonry units

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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