

MEDIUM DUTY ANCHORS

Fix II Stud Anchors for Non-Cracked Concrete



Fix II Stud Anchors for non-cracked concrete

A true to size, torque controlled expansion anchor with "pull down" capabilities for permanent anchoring into solid substrates such as concrete.

Product Advantages

- 3 legs clip for a better expansion
- 6 lugs for a better fixing in concrete
- High quality zinc-coated expansion clips
- Improved efficiency with lesser hammer blows and turns for installation
- "Pull down" capabilities for secure fixings

Substrates

- Concrete (non-cracked only)
- Solid block

Specification

Fix II is a heavy duty, torque setting expansion anchor for non-cracked concrete.

Approvals



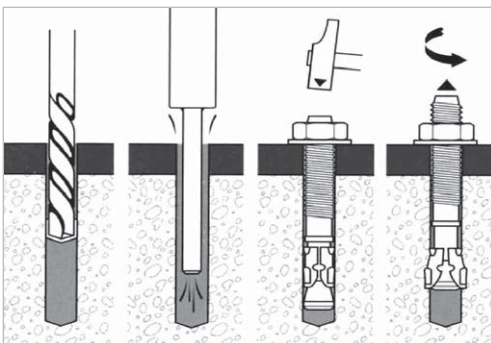
ETA Option
no 1/0008



Typical Applications

- Structural beams and columns
- Wall to floor framework
- Steel to concrete
- Pallet racking and guards
- Lift rails
- Stadium seating
- Safety barriers

Installation



1. Drill the correct diameter hole to the same diameter as the FIX II stud anchor selected.
2. Remove debris from hole by blowing out with compressed air or hand held blow out pump.
3. Install the anchor in the hole with a hammer until washer seats on fixture.
4. Tighten bolt with a torque wrench to recommended assembly torque.

ANCHOR TECHNOLOGY

Fix II Stud Anchors - Zinc Plated



Part No.	Description	Thread Ø	Max Fixture Thickness (mm)*	Overall Anchor Length (mm)	Anchor / Hole Ø (mm)	Min Hole Depth (mm)*	Order Qty
7C-FXII-645V	M6-10/45	M6	10	45	6	41	100
7C-FXII-655V	M6-20/55	M6	20	55	6	41	100
7C-FXII-685V	M6-50/85	M6	50	85	6	41	100
7C-FXII-855V	M8x55/5	M8	5	55	8	52	100
7C-FXII-870V	M8x70/20	M8	20	70	8	52	100
7C-FXII-890V	M8x90/40	M8	40	90	8	52	100
7C-FXII-8130	M8x130/80	M8	80	130	8	52	100
7C-FXII-1065	M10x65/5	M10	5	65	10	62	100
7C-FXII-1075	M10x75/15	M10	15	75	10	62	100
7C-FXII-1095	M10x95/36	M10	36	95	10	62	100
7C-FXII-1012-0V	M10x120/60	M10	60	120	10	62	50
7C-FXII-1014-0V	M10x140/80	M10	80	140	10	62	50
7C-FXII-1280	M12x80/5	M12	5	80	12	75	50
7C-FXII-1210-0V	M12x100/25	M12	25	100	12	75	50
7C-FXII-1211-5V	M12x115/40	M12	40	115	12	75	50
7C-FXII-1214-0V	M12x140/65	M12	65	140	12	75	50
7C-FXII-1216-0V	M12x160/85	M12	85	160	12	75	25
7C-FXII-1218-0V	M12x180/105	M12	105	180	12	75	25
7C-FXII-1222-0V	M12x220/145	M12	145	220	12	75	25
7C-FXII-1610-0V	M16x100/5	M16	5	100	16	95	25
7C-FXII-1612-5V	M16x125/30	M16	30	125	16	95	25
7C-FXII-1615-0V	M16x150/55	M16	55	150	16	95	10
7C-FXII-1617-0V	M16x170/75	M16	75	170	16	95	10
7C-FXII-2012-0V	M20x120/10	M20	10	120	20	110	10
7C-FXII-2016-0V	M20x160/50	M20	50	160	20	110	10
7C-FXII-2021-5V	M20x215/105	M20	105	215	20	110	10

* Data based on minimum anchor depth

Fix II - Zinc Plated - Indicative Design Loads in Concrete

Thread Ø	Anchor Depth (mm)	Torque (Nm)	Anchor Spacing (mm)	Edge Distance (mm)	Shear Load (kN)*	Tension Load (kN)*
M6	26	10	80	40	3.2	3.1
M8	48	15	145	75	4.7	6.2
M10	52	30	155	80	13.7	7.3
M12	68	50	205	105	22.5	14.7
M16	86	100	260	130	26.8	29.5
M20	100	160	300	150	58.5	38.4

Indicative design load (kN) in 30N/mm² concrete

* Refer to Ramset Design Guide for more information or explanation of technical data