



Product Model

Concrete Screws

- A rapid and effective light duty anchoring system for fixing into concrete, brick, stone, concrete block and wood.
- This through fixing provides a single solution and replaces traditional fixings such as nylon frame and hammer fixings.
- Non-Expansion for installation closer to the edge of substrates without causing damage.
- Boxed quantity of 100

Technical data
supplied by the
manufacturer



Installation Guidelines

- Drill required diameter hole to correct depth.
- Using a power tool, tighten the fixing through the fixture until secure.

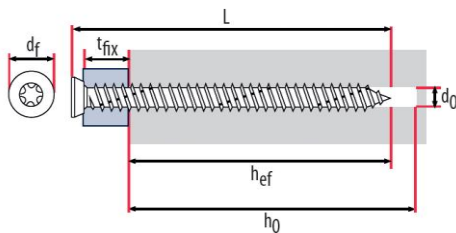
Features

- Serrated V-threads to achieve optimum insertion into all masonry types
- Suitable for concrete, solid brick, perforated brick, hollow 7Nmm2 blocks, natural stone.
- Hi-Low thread on first 30mm to aid insertion and reduce torque
- Flat countersunk head with five locking ribs
- Zinc plated and yellow passivated for increased corrosion resistance.

Remark: This technical data sheet replaces all previous versions. The technical data contained herein is given in good faith and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings. The information detailed in this technical data sheet is given by way of indication and is not exhaustive, users should contact either the seller or the manufacturer of the product for additional technical information concerning its use, if they think the information in their possession needs to be clarified in any way.

Product Model Concrete Screw (cont.)

Product Code	Size Øx Length L (mm)	Head Diameter df (mm)	Drill Hole d0 (mm)	Min. Drill Depth h0 (mm)	Max. Fixture Thickness tfix (mm)	Min. Embedment Depth hef (mm)
411503413	7.5 x 60	11	6.0	45	25	35
411503414	7.5 x 70	11	6.0	45	35	35
411503415	7.5 x 100	11	6.0	60	50	50
411503416	7.5 x 120	11	6.0	60	70	50
411503417	7.5 x 150	11	6.0	60	100	50
411503418	7.5 x 180	11	6.0	60	130	50



L = Length
 df = Head Diameter
 d0 = Drill Hole
 h0 = Minimum Drill Hole Depth
 tfix = Maximum Fixture Thickness
 hef = Minimum Embedment Depth

Substrate	Concrete >25N/mm ²		Concrete Block 7N/mm ²		Fletton Brick 30N/mm ²		Cheshire Brick 45N/mm ²		ClassB Eng. Brick 75N/mm ²	
	40-70	80-200	40-70	80-200	40-70	80-400	40-70	80-400	40-70	80-400
Length	40-70	80-200	40-70	80-200	40-70	80-400	40-70	80-400	40-70	80-400
Embedment Depth(mm)	35	50	35	50	35	50	35	50	35	50
Drill Hole(mm)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Rec.Tensile Load(kN) Nrec	1.07	1.82	0.46	0.46	1.17	1.79	0.75	1.46	0.85	1.22
Max Rec. Load(kg)	107	182	46	46	117	179	75	146	85	122
Rec.Sheer Load(kN)Vrec	2.31	2.31	-	-	-	-	-	-	-	-

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