

# TECHNICAL DATA SHEET



## ConFixx® Thread Cutting Screw Anchor

ConFixx is a self-tapping screw anchor for light to medium duty applications in concrete, brick, masonry block and timber. It is fast and easy to install, fully adjustable and removable. Available with hexagonal head and Phillips Drive. The blue Ruspert coating delivers trusted corrosion protection suitable for outdoor applications.



## Installation

1. Select the right screw length for your application, ensuring that the thread of the screw will have the minimum embedment required after deducting the thickness of your fixture.
2. Drill a 5mm pilot hole that is at least 5mm deeper than the minimum embedment and clean it from debris.
3. Install the concrete screw using an impact driver (max. 130Nm torque) and a socket that matches the screw head.
4. Keep tightening the screw until its head is firmly seated. Do not overtighten your ConFixx screw.

## Product Range

DIAMETER X LENGTH		HOLE SIZE	MINIMUM EMBEDMENT	PACK QTY	PART NUMBER	
IMPERIAL	METRIC				#3 PH HEAD	5/16 HEX HEAD
1/4 x 1 1/4"	6.5 x 32mm	5mm	30mm	100	CFC140114	CFH140114
1/4 x 1 3/4"	6.5 x 45mm	5mm	30mm	100	CFC140134	CFH140134
1/4 x 2 1/4"	6.5 x 58mm	5mm	30mm	100	CFC140214	CFH140214
1/4 x 2 3/4"	6.5 x 70mm	5mm	30mm	100	CFC140234	CFH140234
1/4 x 3 1/4"	6.5 x 83mm	5mm	30mm	100	CFC140314	CFH140314
1/4 x 3 3/4"	6.5 x 95mm	5mm	30mm	100	CFC140334	CFH140334
1/4 x 4"	6.5 x 100mm	5mm	30mm	100	CFC140400	CFH140400
1/4 x 5"	6.5 x 125mm	5mm	30mm	100	CFC140500	CFH140500
1/4 x 6"	6.5 x 150mm	5mm	30mm	100	CFC140600	CFH140600

### MELBOURNE HEAD OFFICE

11 Tasman Court  
Keysborough VIC 3173  
Phone 03 9543 8422  
sales@trifixx.com.au  
trifixx.com.au

## Performance Data

The following table shows recommended work loads\* in brickwork and concrete.

EMBEDMENT DEPTH (mm)	TENSION LOAD *		SHEAR LOAD*	
	BRICK (15MPa) (kN)	CONCRETE (32MPa) (kN)	BRICK (15MPa) (kN)	CONCRETE (32MPa) (kN)
30	1.8	2.1	2.9	3.2
45	2.2	3.5	3.4	3.6

\*Load capacities include a safety factor of 3. Further reduction factors may need to be applied depending on the circumstances of the installation, e.g. in close to edge or close spacing applications. Technical information is based on testing by the manufacturer and should be reviewed and approved by the design professional responsible for the given application.

## Material Properties

Material: Carbon Steel AISI 1022  
Surface Hardness: 520 HV (min)  
Core Hardness: 320-450 HV  
Protective Coating: Blue Ruspert coating with 1,000 hrs NSST resistance

### MELBOURNE HEAD OFFICE

11 Tasman Court  
Keysborough VIC 3173  
Phone 03 9543 8422  
sales@trifixx.com.au  
trifixx.com.au