

Datasheet

Ankerbolt Drop In

ENGLISH

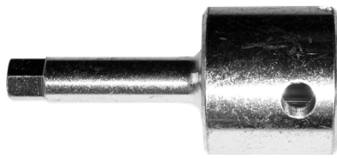


Features

The Drop In Ankerbolt is a self tapping anchor for use in a variety of base materials. It is set just under the surface of the base material for the attachment of threaded rod and bolts. The undercutting action provides a positive anchorage with no expansion forces.

Range Data

RANGE DATA										
Part Number	Internal Thread	Internal Thread Length	Fixture Clearance Hole	Drill Diam	Outside Diam.	Anchor Length	Minimum Hole Depth	Nominal Embedment Depth	Driver Type	Maximum Tightening Torque
		mm	mm	mm	mm	mm	mm	Mm	A/F	Nm
1776917	M10	13	12	13	15	32	50	40	6mm	17



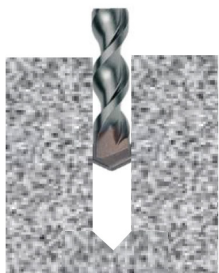
Ankerbolt Drop In Setting Tool **1776915**

Performance Data (C20/25 non-cracked Concrete)											
Thread Diam	Embedment Depth	Minimum Concrete Thickness	Characteristic Resistance		Design Resistance		Recommended		Design Spacing	Design Edge Distance	
			kN	kN	kN	kN	mm	mm			
mm	mm	mm	Tensile	Shear	Tensile	Shear	Tensile	Shear	Tensile & Shear	Tensile	Shear*
13	40	100	11.5	9.6	6.3	5.7	4.5	4.1	110	85	70

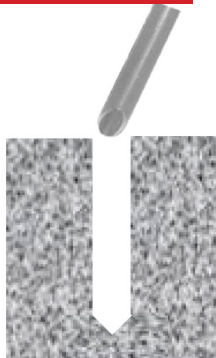
Shear loads based on Grade 4.6 bolts.

* Shear Loads towards a free edge are for single anchors where Spacing $\geq 3 \times$ Edge Distance

INSTALLATION INSTRUCTIONS



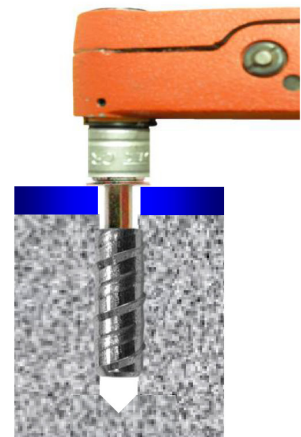
-Drill correct diameter hole to corresponding depth



-Clean hole by blowing to remove drilling debris and dust



-Insert anchor into concrete using suitable impact wrench



-Tighten with torque wrench to recommended torque