



product datasheet

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Designed for:	Fixing to concrete in heavy duty applications.
Drive Bit:	Hex socket
Coating:	Electroplated zinc
Shank Material:	Carbon steel
Material Grade:	AISI 10B21
Effective Thread Length:	All sizes fully threaded

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Anchorbolts Range			
Product Code	Size *	Box Qty	Carton Qty
EAB10575	10.5mm x 75mm	50	600
EAB105100	10.5mm x 100mm	50	400
EAB105130	10.5mm x 130mm	25	300
EAB105150	10.5mm x 150mm	25	300
EAB12575	12.5mm x 75mm	50	400
EAB125100	12.5mm x 100mm	25	300
EAB125130	12.5mm x 130mm	25	200
EAB125150	12.5mm x 150mm	20	240
EAB16100	16mm x 100mm	10	160
EAB16150	16mm x 150mm	15	120

* please note that the diameters shown refer to inside thread diameters.

Anchorbolts Basic Setting Data							
Product Code	Embedment Depth	Fixture Thickness Range	Min. Edge Distance	Min. Bolt Spacing	Wrench Size	Setting Torque	Drill Bit Diameter
EAB10575	60mm	0.0 - 15.0mm	50mm	50mm	13mm	45Nm	10mm
EAB105100	60mm	0.0 - 40.0mm	50mm	50mm	13mm	45Nm	10mm
EAB105130	60mm	0.0 - 70.0mm	50mm	50mm	13mm	45Nm	10mm
EAB105150	60mm	0.0 - 90.0mm	50mm	50mm	13mm	45Nm	10mm
EAB12575	60mm	0.0 - 15.0mm	50mm	50mm	15mm	65Nm	12mm
EAB125100	70mm	0.0 - 30.0mm	50mm	50mm	15mm	65Nm	12mm
EAB125130	70mm	0.0 - 60.0mm	50mm	50mm	15mm	65Nm	12mm
EAB125150	70mm	0.0 - 80.0mm	50mm	50mm	15mm	65Nm	12mm
EAB16100	70mm	0.0 - 30.0mm	80mm	60mm	19mm	85Nm	16mm
EAB16150	70mm	0.0 - 80.0mm	80mm	60mm	19mm	85Nm	16mm

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Tek Screws



Collated Screws



Masonry Screws



Anchors



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Anchorbolts Advanced Basic Setting Data

Product Code	Loaded Diameter *	Drill Hole Diameter	Max. Thread Diameter	Fixture Clearance Hole Diameter	Appropriate Evolution SDS Plus Drill Product Code
EAB10575	10.5mm	10mm	12mm	14mm	SDS10260
EAB105100	10.5mm	10mm	12mm	14mm	SDS10260
EAB105130	10.5mm	10mm	12mm	14mm	SDS10260
EAB105150	10.5mm	10mm	12mm	14mm	SDS10260
EAB12575	12.5mm	12mm	13.5mm	16mm	SDS12260
EAB125100	12.5mm	12mm	13.5mm	16mm	SDS12260
EAB125130	12.5mm	12mm	13.5mm	16mm	SDS12260
EAB125150	12.5mm	12mm	13.5mm	16mm	SDS12260
EAB16100	16.0mm	16mm	17.5mm	18mm	SDS16260
EAB16150	16.0mm	16mm	17.5mm	18mm	SDS16260

* NOTE: Similarity between loaded diameter and drill hole diameter is purely coincidental.

Anchorbolts Performance Data

Loaded Diameter	Substrate Material	Material Grade	Embedment Depth	Ultimate Pull Out Load
10.5mm	Unreinforced and uncracked concrete	C30/35	60mm	15.6kN
12.5mm			60mm	17.5kN
16.0mm			70mm	17.5kN

NOTE:

The data contained in this table is subject to change. Evolution Fasteners is currently seeking full CE marking and approval under EOTA (European Office of Technical Approvals) ETA (European Technical Approval) 001: "Guideline for European Technical Approval of Metal Anchors for Use in Concrete. Part 6: Anchors for multiple use for non-structural applications."

As such third party testing will be carried out in line with the technical approval process. As this process takes several months, in lieu of this data, Evolution Fasteners has performed in house tests using a Hydrajaws Hydraulic Testing Rig. The tests were performed on Monday 24th May 2010. For information on the influence of anchor spacings, edge distances, concrete grades, etc please e-mail: technical@evolutionfasteners.co.uk or call +44 (0)141 646 0055 and ask to speak to someone in our Technical Department.

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