

MAC TORQUE TIE



The MAC TORQUE TIE has a unique setting system for fast installation of remedial wall ties. The illustration below shows the torque nut which has a shear neck the dimension of which has been pre-determined to fail at the correct torque ensuring correct setting of the inner leaf expander. The Mac Torque Tie is suitable for use in solid base materials such as brick or concrete.

The Mac Torque Tie complies with BRE digest 329/401, CIRIA 117 and DD140 for remedial wall ties systems.

THE BENEFITS

- Corrosion resistant
- Quick and easy to install
- Reliable and economical
- Suitable for most wall materials
- Independent setting in each leaf
- Unique convex shape expanders
- Low torque
- Manufactured to BS EN ISO 9000
- M6 thread-high buckling strength
- 12mm hole for neat finish
- Torque nut
- Fast installation
- Tested installation

TECHNICAL INFORMATION

SPECIFICATIONS:

Material A2, 300 series,
Austenitic Stainless Steel
Expanders 12mm diameter
Thread diameter of Rod M6

ACCESSORIES:

99041 Hex Setting Tool
96825 Fixed Head Torque Wrench

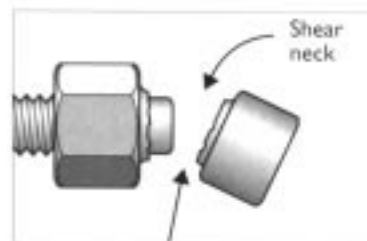
TORQUE SETTING:

6.8Nm (5lb.ft)

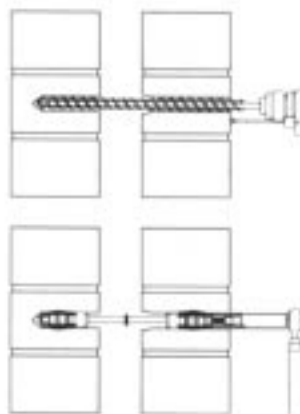
NOTE: Drill bits to conform to
DIN 8035

MAC TORQUE TIE SPECIFICATIONS

Code	Drill Ø mm	Tie length mm	Nominal cavity width mm	Ultimate kN		
				Concrete	Brick 15N/mm	Block >7N/mm
95801	12	200	45 - 70	8	6	3
95802	12	225	70 - 95	8	6	3
95803	12	255	100 - 120	8	6	3



APPLICATION METHOD



DRILL

Drill 12mm diameter hole in brickwork within 10° upwards, setting depth gauge on drilling machine to give between 55-65mm hole depth in inner leaf.

SET INNER

Blow out hole, insert the tie to full depth of hole in inner leaf. Fit hex setting tool (99041) on to torque wrench (96825). Tighten inner expander with pre-set torque nut. After shearing off the torque nut continue turning the setting tool (99041) until wrench indicates you have reached the pre-determined torque for outer leaf. Remove setting tool.