



Designed for:	Fixing wood, metal or PVCu frames to masonry
Head Style:	Countersunk
Drive Bit:	Torx 30
Thread Form:	Hi-Lo, partial 'V' fluted
Drill Point:	Sharp point
Coating:	Electroplated Zinc or Yellow
Shank Material:	Carbon steel
Material Grade:	AISI C1018/C1022
Effective Thread Length:	Fully Threaded

TFM Self-tapping Masonry Screw Range

Product Code	Size - Shank x NL	HD	Box Quantity
TFM 7.5 x 82 Z	7.5mm x 82mm	11.5mm ±0.3mm	100
TFM 7.5 x 102 Z	7.5mm x 102mm	11.5mm ±0.3mm	100
TFM 7.5 x 122 Z	7.5mm x 122mm	11.5mm ±0.3mm	100
TFM 7.5 x 142 Z	7.5mm x 142mm	11.5mm ±0.3mm	100
TFM 7.5 x 152 Z	7.5mm x 152mm	11.5mm ±0.3mm	100

TFM Ultimate Pull Out Values*

Embedment Depth	35N/mm ² Concrete	Common Masonry	Dense Block	Hollow Beam
25mm	6.50kN	2.50kN	3.00kN	10.00kN
30mm	7.50kN	3.00kN	3.50kN	11.50kN
35mm	8.25kN	3.20kN	4.10kN	N/A
40mm	9.00kN	3.40kN	5.10kN	N/A
60mm	13.50kN	N/A	8.20kN	N/A

* Pull out figures are typical values. Ultimate pull out will be dependant on the condition of the material. It is recommended that any user establish the nature and condition of any substrate prior to useage, carries out appropriate testing and applies a suitable safety factor before use.

TFM Ultimate Mechanical Performance

Diameter	Tensile Strength	Shear Strength
7.5mm	17.5kN	14.5kN



Rapierstar Limited
Star Business Park, Macclesfield, Cheshire SK11 9JA
Tel: +44(0)1260 223311 Fax: +44(0)1260 223399
email: info@rapierstar.com

www.rapierstar.com

