

VJT VMS Masonry Screws

BZP Window Screw

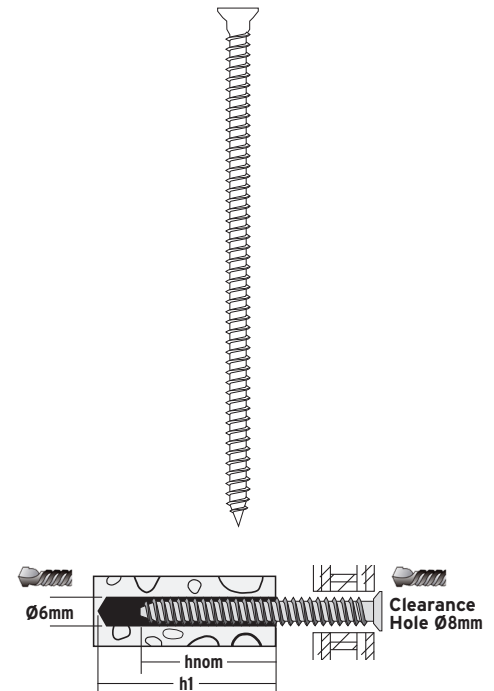
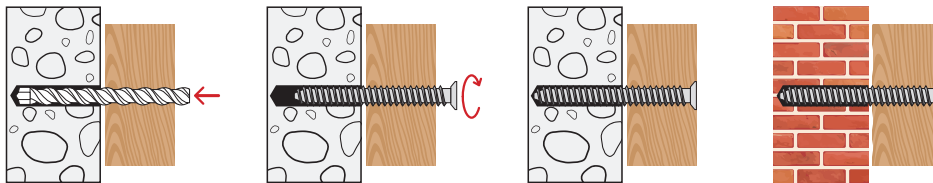
Technical Data Sheet

Typical Applications

Fixing timber, steel or PVCu window or door frames to masonry or concrete.

Head:	Torx 30 ,Countersunk with 5 ribs under the head
Thread:	All screws fully threaded. High-low V-Fluted Thread
Finish:	BZP
Material:	C1022 Steel (Case Depth 0.15 to 0.28mm)

Installation



Performance Data

Base material (strength)	Concrete \geq C20/25	Solid Masonry 25Nmm ²	Solid Masonry 40Nmm ²
Screw diameter (mm)	7.5	7.5	7.5
Drill diameter (mm)	6.0	6.0	6.0
Clearance hole through fixture (mm)	8.0	8.0	8.0
Embedment depth h_{nom} (mm)	≥ 30.0	≥ 40.0	≥ 40.0
Drill depth h_1 (mm)	≥ 40.0	≥ 50.0	≥ 50.0
Recommended tensile load (kN)	1.0	0.5	0.7

Ultimate Mechanical Strength, kN

Ultimate Tensile Strength (kN)	17.2
Ultimate Shear Strength (kN)	33.6

- Pullout tests conducted by VJT UKAS 7903 Test Laboratory using in-house test method VVJTLSOP81 based on BS 8539 appendix B.2.3.2, and CFA GN for testing anchors v2.0 (methods available on request).
- Ultimate tensile tests conducted generally in accordance with ISO 16892-1.
- Ultimate shear tests conducted generally in accordance with Mil Std 1312-1

All product specifications and data are subject to change without notice.

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Features and Benefits

- The VMS screw single through installation process replaces traditional wall plugs or hammer fixing.
- Manufactured from C1022, case hardened steel.
- The V-Fluted high-low thread reduces the amount of force required when installing fastener, helping to reduce effort.
- Bright zinc plated (BZP) corrosion resistant coating (3 microns of passivation).
- The continuous full thread allows efficient installation for various fixtures.

Product Information

Product Code	Range
13520011	VJT VMS Masonry Screw 7.5 x 42 T30
13520031	VJT VMS Masonry Screw 7.5 x 62 T30
13520051	VJT VMS Masonry Screw 7.5 x 82 T30
13520071	VJT VMS Masonry Screw 7.5 x 102 T30
13520091	VJT VMS Masonry Screw 7.5 x 122 T30
13520111	VJT VMS Masonry Screw 7.5 x 152 T30