

JOYNER BOLT: INSTRUCTION MANUAL



Our Customer Service Team are always available for help and advice.

Please call on 01353 781123

JOYNER BOLT™



JOYNER BOLT™

The Revolutionary Spiked Timber Fixing

JOYNER BOLTS:



Won't turn, or pull through timber... need only one hand to fix...



Guarantee a perfect joint every time...



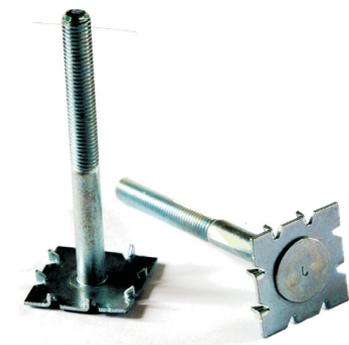
Are quick & easy to use even in tight spaces...



Save time and money on jobs where quality, speed & performance matter.

Joyner Bolt joins timber to timber and other materials.

Joyner Bolt offers a range of built-in benefits for everyone through the construction chain.



Speed - the captive head of Joyner Bolt grips the timber so it can be quickly and easily tightened from one side or single-handed in tight spaces.

Quality - The restrained captive head also allows the use of power tools to tighten the nut.

Performance - Joyner Bolt will never turn or fall out even in an overdrilled hole, saving both time and money. The flat head provides a flush finish removing any need for counter sinking when overboarding, whilst retaining fire protection properties.

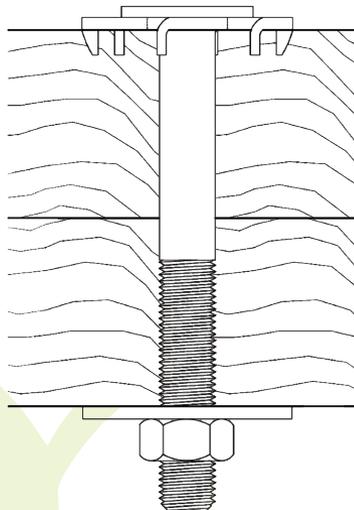
JOYNER BOLT™



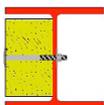
JOYNER BOLT™

The Revolutionary Spiked Timber Fixing

- Large square head for maximum torque to building control standards
- Penetrating spikes to prevent bolt head turning or falling out
- Captive head allows even single-handed installation and requires no overboarding once installed
- Min ISO 898-1 Grade 4.8 Steel Bolt BZP as standard
- 5 lengths cover all major timber joints
- Suitable for use with glulam beams/ members
- Generous thread allowance to guarantee penetration through work piece
- Use standard square plate washer & nut for timber or round 'Penny' washer & nut for metal.

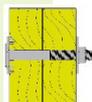


Unique task specific range makes bolt selection easy.



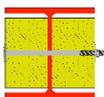
M10x80 or M12x80

Connects a timber member into the web of a structural steel member eg single sided cladding on floor joist or door lintel.



M10x115 or M12x115

Connects two timber members together eg floor joists, rafters, stud walls



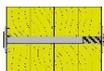
M10x125 or M12x125

Connects two timber members to each side of the web of a structural steel member eg floor beams and door lintels



M10x180 or M12x180

Connects three timber members together with sufficient scope to also incorporate a steel structural member if required eg floor joists, rafters and stud walls



M10x230 or M12x230

Connects four timber members together with sufficient scope to also incorporate a steel structural member if required eg floor joists & rafters

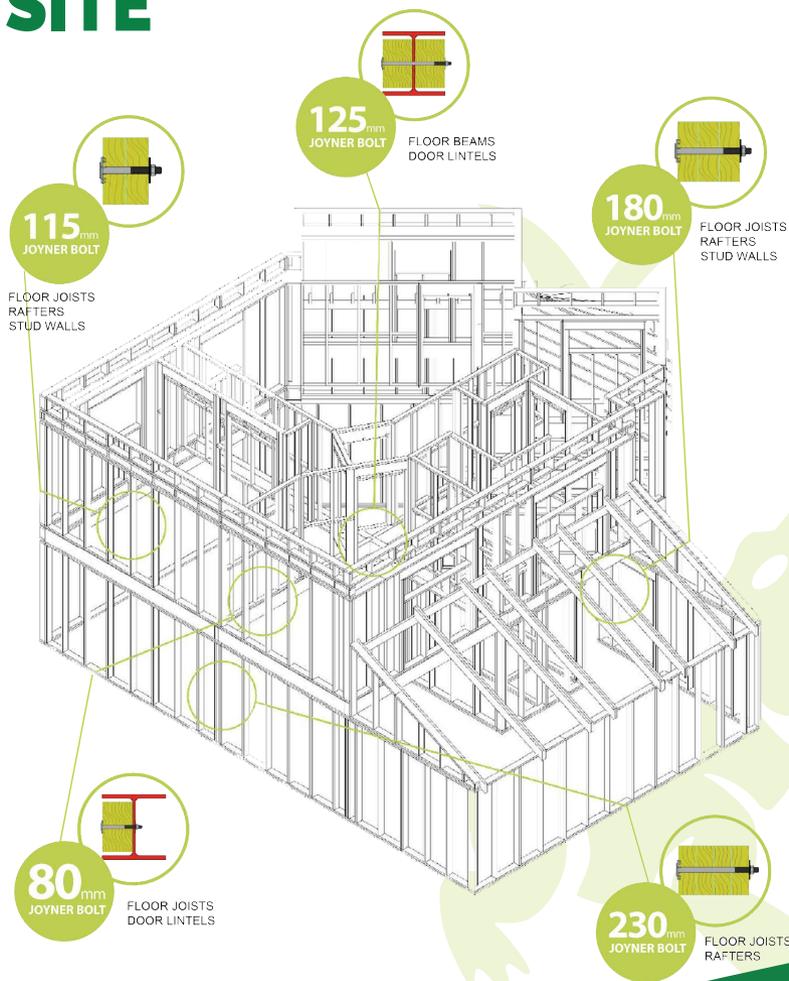
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The Revolutionary Spiked Timber Fixing

TASK SPECIFIC RANGE COVERING ALL MAJOR JOINTS ON SITE



JOYNER BOLT™

EC Declaration of Performance

in accordance with the Construction Products Regulations

DoP Ref: JBDOP001

Release: 001

Product Type: Spiked Head Carbon Steel Bolt Timber Fixing, Bright Zinc Plated

Product Code: JB80M10BZP – JB115M10BZP – JB125M10BZP – JB180M10BZP – JB230M10BZP
JB80M12BZP – JB115M12BZP – JB125M12BZP – JB180M12BZP – JB230M12BZP

Intended Use: Jointing of timber members to third party material members

Manufacturer: Joyner Bolt UK Limited
Kitchener House
Chapel Lane
Wicken
Cambridgeshire
CB7 5XZ

**Notified Testing Body:
for ITT** Exova
BMTrada
Chiltern House
Stocking Lane
Hughenden Valley
High Wycombe
HP14 4ND

Tested to: EN14592:2008+A1:2012
Values not specific to fastener length

Essential Characteristics	Performance	UOM	Technical Specification	Certificate Number
Geometry	Complies	mm	EN 14592:2008+A1:2012 Section 5/6	GEOMF16006 11542437 GEOMF16006 18042437
Yield Moment	76745	Nmm	EN 14592:2008+A1:2012 Clause 6.5.4.2	GEOMF16006 11542437 GEOMF16006 18042437
Material Grade	4.8		Carbon Steel EN 10263-2	GEOMF16006 11542437 GEOMF16006 18042437
Ultimate Tensile Strength	400	N/mm ²	EN 14592:2008+A1:2012 Clause 6.3.4.5	GEOMF16006 11542437 GEOMF16006 18042437
Durability	Zinc Plated		Service Class 1 according to EN 1995- 1-1	FPC

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.



Daniel V. Hardingham BSc (Hons) MRICS
Managing Director
For and on Behalf of Joyner Bolt UK Limited

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