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Tooth Plate Connector (single sided)

SSTC

Designed to improve the performance of bolted connections, single sided connectors are available in 50, 63, 75mm.



Tooth Plate Connector (double sided)

DSTC

Designed to improve the performance of bolted connections to reduce timber rotation and joint movement, double sided connectors are available in 50, 63, 75mm.



BRACKETS, PLATES AND BRACES

Angle Bracket

BA

60mm wide reinforced brackets used in 90 degree connections, easily secured using nail, screw or bolt coach screws, available in a variety of sizes.**



** Please refer to Catnic Builders Metalwork Product Selector for a full range of sizes.

Heavy Duty Angle Bracket

BAH

40mm wide heavy duty 90 degree angle brackets, providing a strong solution for timber to timber and timber to masonry or steel connections, available in a variety of sizes.**



Adjustable Angle Bracket

BAA

30mm wide 90 degree angle brackets, designed with multiple holes and slots for simple adjustment, available in a variety of sizes.**



Light Duty Corner Bracket

BCL

Multi purpose range of light duty corner brackets suitable for a wide range of fixing applications, available in a variety of sizes.**



** Please refer to Catnic Builders Metalwork Product Selector for a full range of sizes.

Flat Connector Plate

CPF

A versatile range of pre-punched flat connections suitable for both timber to timber and timber to masonry or steel applications, available in a variety of sizes.**



Angle Plate

BP

A range of angled plates used for strengthening timber and easily secured by nail or screw, available in a variety of sizes.**



Corner Plate

PC

Manufactured from 1mm thick pre-galvanised steel to BS EN 10346:2009, + G275.



** Please refer to Catnic Builders Metalwork Product Selector for a full range of sizes.

Corner Stretcher Plate

PCS

Manufactured from 1.2mm thick pre-galvanised steel to BS EN 10346:2009, + G275.



Flat & Corner Mending Plates

MP & MPC

Steel strips, with pre-drilled screw holes, used to strengthen and repair in timber construction.



Tee Mending Plates

MPT

A Tee shaped steel strip, with pre-drilled holes, designed to strengthen and repair in timber construction.



L and T Brackets

BL1 & BT1

Used for making L and T shaped joints in timber construction.



Light Duty Angle Brace

BAL

Used to reinforce 90 degree angles when applied along the edge.



Window Board Tie

WBT1

Bracket designed to attach window boards to masonry walls, available in size 13 x 150 x 25mm.



Hip Iron

HIP

A decorative scrolled retaining bracket, used in traditional hipped roofs to prevent ridge tile movement, available in 3, 4 and 5mm thickness.



FRAME CRAMPS & EXTRAS

Safety End Frame Cramps

CSEF

Designed to be fixed to masonry, steel or concrete with 50mm upstand and three fixing holes, three sizes available 50 x 150, 50 x 200, 50 x 250mm.



To achieve the recommended safe working loads use 30 x 3.75mm sherardised square twist nails in all pre-punched holes, together with M12 HT bolts where required.

All products are manufactured from pre-galvanised steel to BS EN 10346:2009, + G275.

For Delivery information, please contact Catnic Customer Services on 029 2033 7900.

Builders Metalwork Pocket Guide

January 2015



TIMBER-TO-WALL JOIST HANGERS

Timber to Wall Joist Hanger

JH

A single piece non-welded hanger, designed with a wide top flange to increase loading capacity on masonry, with compressive strength of 3.5N/mm² and above with a bearing area of 75mm. Available for timber width 38 – 150mm, and timber depth of 100 – 275mm.



MULTI-TRUSS HANGERS

Face Fix Multi-Truss Hanger 240

JHT240

A single piece non-welded unit with 75mm bearing, 4.5mm diameter nail holes and 14mm bolt holes, designed for use with masonry, timber and concrete connections, and available in 50mm width.



Face Fix Multi-Truss Hanger 380

JHT380

A single piece non-welded unit with 75mm bearing, 4.5mm diameter nail holes and 14mm bolt holes, designed for use with masonry, timber and concrete connections, and available in 50, 75, 100mm widths.



Face Fix Multi-Truss Hanger 500

JHT500

A single piece non-welded unit with 75mm bearing, 4.5mm diameter nail holes and 14mm bolt holes, designed for use with masonry, timber and concrete connections, and available in 50, 75, 100, 125, 150mm widths.



TIMBER-TO-TIMBER JOIST HANGERS

Light Duty Hanger (short leg)

JHSLT

A lightweight hanger for 74mm to 100mm joist depths. Designed with a 50mm bearing surface and suitable for face fix and wrap over applications. Available in 47mm and 50mm widths.



Light Duty Hanger (standard leg)

JHSTDLT

A lightweight hanger for joist depths of 150 to 250mm, and a bearing area of 50mm suitable for face fix and wrap over applications, designed with 50mm strap legs and available in 38, 44, 47, 50, 63, 75, 88 and 100mm widths.



Medium Duty Hanger (standard leg)

JHSDMT

A medium-weight hanger for a joist depth up to 250mm. Designed with a 50mm bearing surface and suitable for face fix and wrap over applications. Available in 125mm and 150mm widths.



Medium Duty Hanger (long leg)

JHLMT

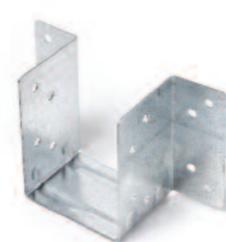
A medium-weight hanger for a joist depth up to 250mm, and a bearing area of 50mm. Suitable for face fix and wrap over applications, designed with 50mm strap legs and available in 38, 44, 47, 50, 63, 75, 88, 100, 125, 150mm widths.



Mini Hanger

JHMINI

A lightweight hanger for a joist depth up to 100mm, and a bearing area of 40mm. Ideal for trimming around ceiling hatches, available in 38, 44, 47 and 50mm widths.



RESTRAINT STRAPS

Flat Strap

SH & SV

Horizontal (5mm Heavy Duty) and vertical (2.5mm Light Duty) restraint straps. All are multi holed at 25mm offset centres, available in 200 – 1600mm leg lengths.*



Bent Strap

SH & SV

Horizontal (5mm Heavy Duty) and vertical (2.5mm Light Duty) restraint straps with 100 and 150mm bends. All are multi holed at 25mm offset centres, available in 300 – 1600mm leg lengths.*



Twisted Strap

SH & SV

Horizontal (5mm Heavy Duty) and vertical (2.5mm Light Duty) restraint straps with 100 and 150mm twists. All are multi holed at 25mm offset centres, available in 600 – 1600mm leg lengths.*



* Not all lengths available for all products, please refer to Catnic Builders Metalwork Product Selector for more information.

TIMBER ENGINEERING HARDWARE

Girder Truss Shoe

TSG

Designed to provide a structural connection between a truss and girder truss or beam, with a location tab on the hanger base for quick and accurate alignment, available in 38, 47, 50, 75 and 100mm widths with a bearing area of 100mm.



Truss Clip

CTC

A lightweight clip providing quick and effective method of fixing trussed rafters to wall plates, available in 38, 44, 47, and 50mm widths.



Mono Truss Shoe

TSM

Designed for use in mono, short span, or infill truss to girder connections in low loading applications, available in 38, 44, 47 and 50mm widths with a bearing area of 75mm.



Hand Nail Plate

NP

An economical method of joining timber, with simple fixing made easy with pre-punched holes available in a variety of sizes.**



Bent Nail Plate

NPB

Allows the connection of timber joists by using perforated plates on each side of the joint and nailed together.



Splice Plate Kit

SP

A cost effective method of butt jointing timbers of similar size on-site, suitable for use when replacing localised structural timber damage or rotten floor joists, available in three sizes - 57 x 18mm, 82 x 18mm and 98 x 18mm.



** Please refer to Catnic Builders Metalwork Product Selector for a full range of sizes.

TIMBER FIXINGS & CONNECTORS

Universal Framing Anchor

AF

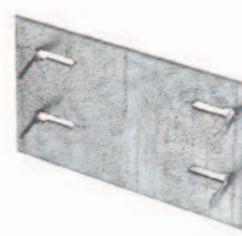
Designed as multi purpose fixing that can be used on general timber frame construction including connecting roof timbers, joist trimmings and studding. The slotted design allows bending on-site for versatile configuration.



Safeplate

SP54

Designed to protect plumbing and electrical wires from nail puncture. Plates are secured easily to timber studding with the pre-punched spikes.



Herringbone Joist Strut

SJH

Offering an alternative to timber strutting, securing floor joist with the necessary lateral support as detailed in the Building Regulations. Available in 480, 530 and 660mm lengths and at 400, 450 and 600mm centres respectively.



Holding Down Angle

AHD

A general purpose heavy duty plate 2mm thick, size 32 x 32 x 300mm.



Multi Fix Strapping

SMF

A perforated metal strip that can be easily cut or bent and used for a variety of light fixing applications.



Square Plate Washer

WSP

Designed to provide a larger surface area to create more friction when tightened against timber, size 50 x 50 x 3mm.

