

CULLEN CONNECTORS ROOF TRUSSES



TS
Truss Shoe

Trussed rafter to primary girder connection.

MHE
Multi Hanger
(External Flange)

Designed to support timber to timber connections in situations of medium to high loading.

HHH
Heavy Multi Hanger

Supports multiple trusses connecting to girders in medium to high load situations.

Fixings	Description
122mm	3.35 x 50mm Annular Ring Shank Nails
147mm	3.35 x 50mm Annular Ring Shank Nails
197mm	Paslode PSTS 6.5 x 65mm

All fixings supplied with hanger

HGG
Heavy Girder To Girder

Designed to support multiple ply girder trusses from a vertical web in high load situations. New and improved design using PSTS screws simplifies the installation.

Fixings
40No Paslode PSTS 6.5 x 65mm supplied with hanger.

VHGG
Very Heavy Girder To Girder

Supports multiple ply girder trusses from a vertical web in very high load situations.

Fixings
4No M20 Bolts - 180mm long fully threaded (inc nut, round washer, form G washer) supplied with part. Please specify 240mm long bolts when connecting to Apply 47mm header members.

KM
Mini Hanger

Designed to support single trusses where a compact economical solution is required.

TM
Midi Shoe

Designed to support single trusses in lower load applications where the bottom chord is 97mm or above.

KH
Kwiki Hanger Standard Leg

A quick and simple solution for various timber to timber connections.

KHL
Kwiki Hanger Long Leg

An extended version of the KH hanger. A quick and simple solution for various timber to timber connections.

SA-45
Skewed Angle 45° Hanger

Pre-bent at 45° angle which can be adjusted up to 135° as required (must be bent once only).

TC
Truss Clip

Standard truss clip for securing single trusses to single wall plates. Can be installed as singles or pairs for enhanced capacity.

TA
Truss Anchor

Secures single trusses to 2 ply wall plates or head binders. Can also be used to support valley frames.

TA-1
Framing Anchor

Versatile connector ensuring a positive fixing on two planes without encroaching into the internal space.

FAS
Framing Anchor

Adjustable connector for securing trussed rafters to wallplates.

SS
Slide Shoe

Secures raised tie or scissor roof trusses to wall plate providing up to 26mm lateral movement.

JHI
Masonry Joist Hanger

Traditional timber to masonry joist hanger that requires minimum 3 courses of block work above (675mm).

RB-JHI
Rapid Build Masonry Joist Hanger

Timber to masonry hanger with reinforced top plate to eliminate the need for masonry above (unless required for additional performance). Accelerated built time of 3 days compared to traditional masonry hangers.

FMHI
Flexible Masonry Hanger

Supports trusses from masonry walls in high load situations with or without masonry above. Options available for skewed, offset, dropped and straddle connections.

M-STD/M-RTN
Very High Load Masonry Hanger

Supports trusses from masonry walls in very high load situations with or without masonry above.

VSM
Variable Skew Masonry Hanger

To support trusses up to 97mm wide from masonry walls in skewed applications between 30-90 degrees.

45L/R
Face Fix 45° Hanger

Pre-skewed 45 degree hanger for timber to timber connections. Available in left and right hand orientations. Left hand shown.

VRC
Variable Ridge Connector

Rafter to ridge beam connection accommodating slopes between -35° and 45° and skews between 30° and 90°.

VS
Variable Skewed Timber Hanger

Supports timbers up to 97mm wide in skewed applications between 30-90 degrees.

LAB
Angle Bracket

A 90° angle bracket to accommodate various timber to timber connections.

GRB
Gable Restraint Bracket
Patent Pending

The GRB is an engineered bracket that has been designed to provide a verified connection between a timber gable and masonry wall when used in conjunction with the Cullen Gable Restraint System.

PFS
Pre Formed Strap

Designed to provide lateral restraint of the walls by the roof. Installed at ceiling and rafter level.

VRS
Vertical Restraint Strap

A convenient and secure method of fixing wall plates to timber and masonry walls.

RST
Restraint Strap Twist

High performance twist strap that can be used to resist uplift and also suitable for providing lateral restraint to timber gables.

Gable Restraint System

PPNXi
Cordless Positive Placement Nailer

Drives UKCA/CE compliant hardened twist nails through connectors and hangers into solid wood beams. - Four times faster than a hammer.

NAIL PACK
Square Twist Hardened Nails

Positive placement nails, for use with Paslode PPN35Ci.

Shank Type:	Square Twist Hardened
Shank Diameter:	3.4mm
Length:	35mm
Head Diameter:	7.0mm
Average Profile Diameter:	3.7mm
Finish:	12µm Electro Galv

PSTS
Structural Timber Screws

Requires no pre-drilling, quick and easy to install.

Outer Thread Shank Diameter:	6.5mm	8.0mm
Plain Shank Diameter:	4.8mm	5.85mm
Length:	35 - 250mm	65 - 135mm
Head Diameter:	11.5mm	16mm
Finish:	5µm Electro Galv	5µm Electro Galv

LOOSE NAILS
3.4 x 35mm Electrogalvanised Square Twist Nails

Connectors have been tested with these nails.

Shank Type:	Square Twist
Shank Diameter:	3.4mm
Length:	35mm
Head Diameter:	8.0mm
Average Profile Diameter:	3.7mm
Finish:	12µm Electro Galv

BOLTS
M12 and M20 Bolts

Can be supplied along with the required washers. Nut supplied with bolt.



Brands for the offsite industry

QUALITY. SUPPORT. INNOVATION.

✉ iqs@itwcp.com
☎ 01592 771132
🌐 www.itwcp-offsite.co.uk

technical@itwcp.com
orders@itwcp.com