

Joist Hangers

GALVANISED & SS316

Application

The Bremick® Joist Hangers are typically used in the construction of the roof frame, carports, decks, gazebos, and pergolas. Typical connections include beam to beam, joists and floor trusses to the face of a beam, standard roof truss to a girder truss, jack truss to truncated girder truss, and right-angle joints.

Advantages

The Bremick® Joist Hangers provides numerous benefits including:

- **Cost effective.** Simple method of connecting two timber members while achieving the required design loads, without the need for costly onsite skilled labour constructing special jointing connections.
- **Efficient.** Quickly and easily connects the two timber members into a structurally sound application using either Bremick Timber Connector Nails, Bremick Type 17 12-gauge screws or 32 x 2.5mm screw shank machine fired nails.
- **Wide Range.** Available in a range of widths and depths to suit the most common timber sizes.
- **Built-in pre-formed nail in Joist Hanger flange.** Allows the installer to easily hold the hanger in position by simply hammering in the pre-formed nails. They can then more easily, quickly and safely nail off the hanger into the supporting timber member.

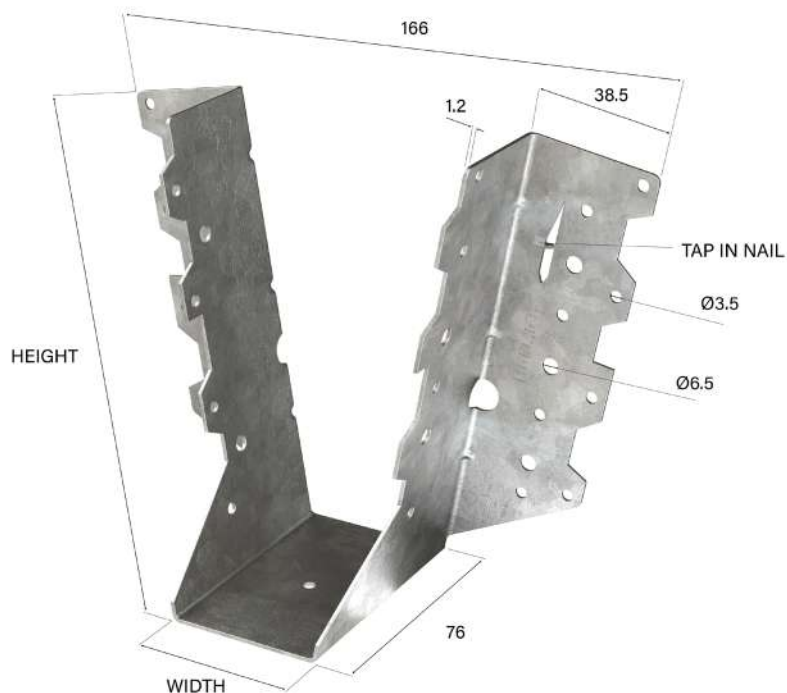
Specifications

Steel Grade	G300
Coating	Z275 – Galvanised & SS316
Thickness	1.2mm
Width	35mm, 38mm, 45mm & 50mm
Length	90mm, 120mm, 140mm, 180mm & 220mm
Fasteners	Bremick® 35 x 3.15mm Timber Connector Nails (Gal or SS316) 32 x 2.5mm Screw Shank Machine Fastened Nails Bremick® Type 17, 12g x 35mm/65mm Screws

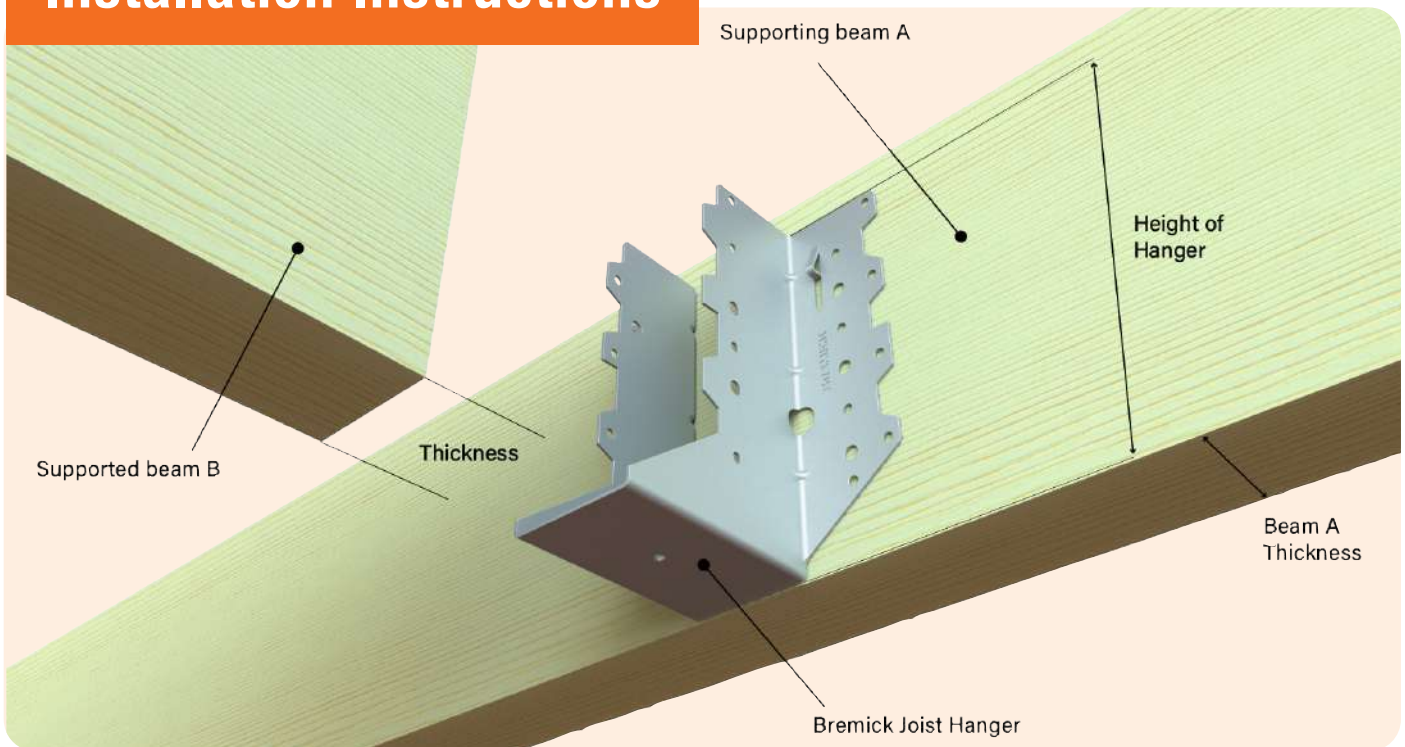


Bremick® Ranging

Product Code	Dimensions	Coating	Pack Qty
TJHG090035124	35mm x 90mm x 1.2mm	Z275 – Galvanised	40
TJHG120035124	35mm x 120mm x 1.2mm	Z275 – Galvanised	40
TJHG140035124	35mm x 140mm x 1.2mm	Z275 – Galvanised	35
TJHG180035124	35mm x 180mm x 1.2mm	Z275 – Galvanised	25
TJHG090038124	38mm x 90mm x 1.2mm	Z275 – Galvanised	40
TJHG120038124	38mm x 120mm x 1.2mm	Z275 – Galvanised	40
TJHG140038124	38mm x 140mm x 1.2mm	Z275 – Galvanised	35
TJHG180038124	38mm x 180mm x 1.2mm	Z275 – Galvanised	25
TJHG090045124	45mm x 90mm x 1.2mm	Z275 – Galvanised	40
TJHG120045124	45mm x 120mm x 1.2mm	Z275 – Galvanised	40
TJHG140045124	45mm x 140mm x 1.2mm	Z275 – Galvanised	35
TJHG180045124	45mm x 180mm x 1.2mm	Z275 – Galvanised	25
TJHG220045124	45mm x 220mm x 1.2mm	Z275 – Galvanised	15
TJHG090050124	50mm x 90mm x 1.2mm	Z275 – Galvanised	40
TJHG120050124	50mm x 120mm x 1.2mm	Z275 – Galvanised	40
TJHG140050124	50mm x 140mm x 1.2mm	Z275 – Galvanised	35
TJHG180050124	50mm x 180mm x 1.2mm	Z275 – Galvanised	25
TJHG220050124	50mm x 220mm x 1.2mm	Z275 – Galvanised	15
TJH6090035124	35mm x 90mm x 1.2mm	SS316	20
TJH6090045124	45mm x 90mm x 1.2mm	SS316	20
TJH6140045124	45mm x 140mm x 1.2mm	SS316	20
TJH6180045124	45mm x 180mm x 1.2mm	SS316	20
TJH6090050124	50mm x 90mm x 1.2mm	SS316	20
TJH6140050124	50mm x 140mm x 1.2mm	SS316	20
TJH6180050124	50mm x 180mm x 1.2mm	SS316	20



Installation Instructions



1

Select the appropriate joist hanger based on the following criteria:

- a. Joint Groups.
- b. Applied Loads.
- c. Thickness and height of the supported beam, truss or joist. The joist hanger must run at least 2/3 the height of the supported beam.
- d. Thickness and height of the supporting beam.

4

Place the timber member to be supported into the Joist Hanger so that it is firmly against the supporting timber member.

2

Fix the Bremick Joist Hanger to the supporting beam into the desired position by hammering in the pre-formed nails.

5

Using Bremick Timber Connector Nails or Type 17 12-gauge screws (use the number as per the table below) locate into the pre-punched holes with the fasteners and fix off into the supported timber member.

3

Using Bremick Timber Connector Nails or Type 17 12-gauge screws (use the number as per the table below) locate into the pre-punched holes within the joist hanger's two flanges with the fasteners and fix off into the supporting beam.

Fixing Table

Joist Hanger Length (mm)	Fixing To			
	Supporting Member		Supported Member	
	35 x 3.15mm Timber Connector Nail	Type 17, 12 Gauge Screw	35 x 3.15mm Timber Connector Nail	Type 17, 12 Gauge Screw
90mm	8	4	4	2
120mm	12	6	6	4
140mm	16	6	8	4
180mm	20	8	10	6
220mm	26	10	13	8

Notes

When fastening Bremick Joist Hangers with machine fired nails, fire the nails near, but away from away from the pre-punched holes. Use 32 x 2.5mm galvanised, screw shank nails. 20% more nails should be used to match the capacity of the hand driven Bremick Timber Connector nail.

Technical Data

JOIST HANGER

LIMIT STATE SHEAR CAPACITY (1.35G IE DOWNWARDS DEAD LOADS PLUS PERMANENT LIVE LOADS)

TABLE 1 CAPACITY: FOR 6-3.15mm DIAMETER x 35mm NAILS USED IN EACH WING AND 4-3.15mm DIAMETER NAILS TO EACH SIDE OF THE SUPPORTED MEMBER

	CODE	PRODUCT	HEIGHT (mm)	WIDTH (mm)	THICKNESS (mm)	
	TJHG090035124	JOIST HANGER	90	35	1.2	
	Seasoned Timber Capacity (kN)					
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	3.3	4.1	4.1	7.4	7.9	9.5
	Unseasoned Timber Capacity (kN)					
JOINT GROUP	J6	J5	J4	J3	J2	J1
	2.0	2.7	3.5	4.1	5.4	7.0

LIMIT STATE SHEAR CAPACITY (1.2G+1.5QF IE DOWNWARDS DEAD PLUS FLOOR LIVE LOADS)

TABLE 2 CAPACITY: FOR 6-3.15mm DIAMETER x 35mm NAILS USED IN EACH WING AND 4-3.15mm DIAMETER NAILS TO EACH SIDE OF THE SUPPORTED MEMBER

	CODE	PRODUCT	HEIGHT (mm)	WIDTH (mm)	THICKNESS (mm)	
	TJHG090035124	JOIST HANGER	90	35	1.2	
	Seasoned Timber Capacity (kN)					
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	3.9	5.4	5.8	8.9	11.1	13.4
	Unseasoned Timber Capacity (kN)					
JOINT GROUP	J6	J5	J4	J3	J2	J1
	2.4	3.3	4.3	5.8	7.6	9.9

LIMIT STATE SHEAR CAPACITY (1.2G+1.5QR IE DOWNWARDS DEAD PLUS ROOF LIVE LOADS)

TABLE 3 CAPACITY: FOR 6-3.15mm DIAMETER x 35mm NAILS USED IN EACH WING AND 4-3.15mm DIAMETER NAILS TO EACH SIDE OF THE SUPPORTED MEMBER

	CODE	PRODUCT	HEIGHT (mm)	WIDTH (mm)	THICKNESS (mm)	
	TJHG090035124	JOIST HANGER	90	35	1.2	
	Seasoned Timber Capacity (kN)					
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	4.4	6.0	6.8	10.0	12.7	15.7
	Unseasoned Timber Capacity (kN)					
JOINT GROUP	J6	J5	J4	J3	J2	J1
	2.7	3.7	4.8	6.7	8.9	11.6

REMARKS

- Use only Bremick nails with shank a close fit in all of the nail holes.
- The supported member must sit on the base of the joist hanger and the maximum permissible gap between supported member and face of supporting member 2mm
- Values for Category 1 (secondary members.) Values x 0.94 for Category 2 (primary members) and Category 3 Values x 0.88 for post disaster structures primary members
- When the two connected timber are of different joint groups use the lowest joint group when using these tables

Technical Data

JOIST HANGER

LIMIT STATE SHEAR CAPACITY (1.35G IE DOWNWARDS DEAD LOADS PLUS PERMANENT LIVE LOADS)

TABLE 4 CAPACITY: FOR 8-3.15mm DIAMETER x 35mm nAILS USED IN EACH WING AND 6-3.15mm DIAMETER NAILS TO EACH SIDE OF THE SUPPORTED MEMBER

	CODE	PRODUCT	HEIGHT (mm)	WIDTH (mm)	THICKNESS (mm)	
	TJHG180038124	JOIST HANGER	180	38	1.2	
	Seasoned Timber Capacity (kN)					
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	4.3	5.3	5.3	9.7	10.2	12.3
	Unseasoned Timber Capacity (kN)					
JOINT GROUP	J6	J5	J4	J3	J2	J1
	2.5	3.5	4.5	5.3	7.0	9.1

LIMIT STATE SHEAR CAPACITY (1.2G+1.5QF IE DOWNWARDS DEAD PLUS FLOOR LIVE LOADS)

TABLE 5 CAPACITY: FOR 8-3.15mm DIAMETER x 35mm NAILS USED IN EACH WING AND 6-3.15mm DIAMETER NAILS TO EACH SIDE OF THE SUPPORTED MEMBER

	CODE	PRODUCT	HEIGHT (mm)	WIDTH (mm)	THICKNESS (mm)	
	TJHG180038124	JOIST HANGER	180	38	1.2	
	Seasoned Timber Capacity (kN)					
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	5.2	7.0	7.5	11.7	14.3	17.3
	Unseasoned Timber Capacity (kN)					
JOINT GROUP	J6	J5	J4	J3	J2	J1
	3.1	4.2	5.4	7.5	9.8	12.8

LIMIT STATE SHEAR CAPACITY (1.2G+1.5QR IE DOWNWARDS DEAD PLUS ROOF LIVE LOADS)

TABLE 6 CAPACITY: FOR 8-3.15mm DIAMETER x 35mm NAILS USED IN EACH WING AND 6-3.15mm DIAMETER NAILS TO EACH SIDE OF THE SUPPORTED MEMBER

	CODE	PRODUCT	HEIGHT (mm)	WIDTH (mm)	THICKNESS (mm)	
	TJHG180038124	JOIST HANGER	180	38	1.2	
	Seasoned Timber Capacity (kN)					
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	5.8	7.8	8.8	13.1	16.6	20.3
	Unseasoned Timber Capacity (kN)					
JOINT GROUP	J6	J5	J4	J3	J2	J1
	3.4	4.7	6.1	8.6	11.5	15.0

REMARKS

- Use only Bremick nails with shank a close fit in all of the nail holes.
- The supported member must sit on the base of the joist hanger and the maximum permissible gap between supported member and face of supporting member 2mm
- Values for Category 1 (secondary members.) Values x 0.94 for Category 2 (primary members) and Category 3 Values x 0.88 for post disaster structures primary members
- When the two connected timber are of different joint groups use the lowest joint group when using these tables

Technical Data

JOIST HANGER

LIMIT STATE SHEAR CAPACITY (1.35G IE DOWNWARDS DEAD LOADS PLUS PERMANENT LIVE LOADS)

TABLE 7 CAPACITY: FOR 13-3.15mm DIAMETER x 35mm NAILS USED IN EACH WING AND 7-3.15mm DIAMETER NAILS TO EACH SIDE OF THE SUPPORTED MEMBER

	CODE	PRODUCT	HEIGHT (mm)	WIDTH (mm)	THICKNESS (mm)	
	TJHG220045124	JOIST HANGER	220	45	1.2	
	Seasoned Timber Capacity (kN)					
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	5.7	5.7	5.7	10.9	10.9	13.2
	Unseasoned Timber Capacity (kN)					
JOINT GROUP	J6	J5	J4	J3	J2	J1
	3.3	4.5	5.7	5.7	7.4	9.7

LIMIT STATE SHEAR CAPACITY (1.2G+1.5QF IE DOWNWARDS DEAD PLUS FLOOR LIVE LOADS)

TABLE 8 CAPACITY: FOR 13-3.15mm DIAMETER x 35mm NAILS USED IN EACH WING AND 7-3.15mm DIAMETER NAILS TO EACH SIDE OF THE SUPPORTED MEMBER

	CODE	PRODUCT	HEIGHT (mm)	WIDTH (mm)	THICKNESS (mm)	
	TJHG220045124	JOIST HANGER	220	45	1.2	
	Seasoned Timber Capacity (kN)					
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	6.9	8.0	8.0	15.3	15.3	18.5
	Unseasoned Timber Capacity (kN)					
JOINT GROUP	J6	J5	J4	J3	J2	J1
	4.0	5.5	7.1	8.0	10.5	13.7

LIMIT STATE SHEAR CAPACITY (1.2G+1.5QR IE DOWNWARDS DEAD PLUS ROOF LIVE LOADS)

TABLE 9 CAPACITY: FOR 13-3.15mm DIAMETER x 35mm NAILS USED IN EACH WING AND 7-3.15mm DIAMETER NAILS TO EACH SIDE OF THE SUPPORTED MEMBER

	CODE	PRODUCT	HEIGHT (mm)	WIDTH (mm)	THICKNESS (mm)	
	TJHG220045124	JOIST HANGER	220	50	1.2	
	Seasoned Timber Capacity (kN)					
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	7.7	9.4	9.4	17.6	17.9	21.7
	Unseasoned Timber Capacity (kN)					
JOINT GROUP	J6	J5	J4	J3	J2	J1
	4.5	6.1	7.9	9.4	12.3	16.1

REMARKS

- Use only Bremick nails with shank a close fit in all of the nail holes.
- The supported member must sit on the base of the joist hanger and the maximum permissible gap between supported member and face of supporting member 2mm
- Values for Category 1 (secondary members.) Values x 0.94 for Category 2 (primary members) and Category 3 Values x 0.88 for post disaster structures primary members
- When the two connected timber are of different joint groups use the lowest joint group when using these tables

Technical Data

JOIST HANGER

LIMIT STATE SHEAR CAPACITY (1.35G IE DOWNWARDS DEAD LOADS PLUS PERMANENT LIVE LOADS)

TABLE 10 CAPACITY: FOR 11-3.15mm DIAMETER x 35mm NAILS USED IN EACH WING AND 6-3.15mm DIAMETER NAILS TO EACH SIDE OF THE SUPPORTED MEMBER

	CODE	PRODUCT	HEIGHT (mm)	WIDTH (mm)	THICKNESS (mm)	
	TJHG180045124	JOIST HANGER	180	45	1.2	
	Seasoned Timber Capacity (kN)					
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	5.2	5.2	5.2	9.9	9.9	12.0
	Unseasoned Timber Capacity (kN)					
JOINT GROUP	J6	J5	J4	J3	J2	J1
	3.3	4.5	5.2	5.2	6.8	8.9

LIMIT STATE SHEAR CAPACITY (1.2G+1.5QF IE DOWNWARDS DEAD PLUS FLOOR LIVE LOADS)

TABLE 11 CAPACITY: FOR 11-3.15mm DIAMETER x 35mm NAILS USED IN EACH WING AND 6-3.15mm DIAMETER NAILS TO EACH SIDE OF THE SUPPORTED MEMBER

	CODE	PRODUCT	HEIGHT (mm)	WIDTH (mm)	THICKNESS (mm)	
	TJHG180045124	JOIST HANGER	220	50	1.2	
	Seasoned Timber Capacity (kN)					
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	6.9	7.3	7.3	13.9	13.9	16.9
	Unseasoned Timber Capacity (kN)					
JOINT GROUP	J6	J5	J4	J3	J2	J1
	4.0	5.5	7.1	7.3	9.5	12.5

LIMIT STATE SHEAR CAPACITY (1.2G+1.5QR IE DOWNWARDS DEAD PLUS ROOF LIVE LOADS)

TABLE 12 CAPACITY: FOR 11-3.15mm DIAMETER x 35mm NAILS USED IN EACH WING AND 6-3.15mm DIAMETER NAILS TO EACH SIDE OF THE SUPPORTED MEMBER

	CODE	PRODUCT	HEIGHT (mm)	WIDTH (mm)	THICKNESS (mm)	
	TJHG180045124	JOIST HANGER	220	50	1.2	
	Seasoned Timber Capacity (kN)					
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	7.7	8.6	8.6	16.4	16.4	19.8
	Unseasoned Timber Capacity (kN)					
JOINT GROUP	J6	J5	J4	J3	J2	J1
	4.5	6.1	7.9	8.6	11.2	14.6

REMARKS

- Use only Bremick nails with shank a close fit in all of the nail holes.
- The supported member must sit on the base of the joist hanger and the maximum permissible gap between supported member and face of supporting member 2mm
- Values for Category 1 (secondary members.) Values x 0.94 for Category 2 (primary members) and Category 3 Values x 0.88 for post disaster structures primary members
- When the two connected timber are of different joint groups use the lowest joint group when using these tables

Technical Data

JOIST HANGER

LIMIT STATE SHEAR CAPACITY (1.35G IE DOWNWARDS DEAD LOADS PLUS PERMANENT LIVE LOADS)

TABLE 13 CAPACITY: FOR 6-3.15mm DIAMETER x 35mm NAILS USED IN EACH WING AND 4-3.15mm DIAMETER NAILS TO EACH SIDE OF THE SUPPORTED MEMBER

	CODE	PRODUCT	HEIGHT (mm)	WIDTH (mm)	THICKNESS (mm)	
	TJHG090045124	JOIST HANGER	90	45	1.2	
	Seasoned Timber Capacity (kN)					
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	3.3	3.9	3.9	7.4	7.5	9.1
	Unseasoned Timber Capacity (kN)					
JOINT GROUP	J6	J5	J4	J3	J2	J1
	2.0	2.7	3.5	3.9	5.1	6.7

LIMIT STATE SHEAR CAPACITY (1.2G+1.5QF IE DOWNWARDS DEAD PLUS FLOOR LIVE LOADS)

TABLE 14 CAPACITY: FOR 6-3.15mm DIAMETER x 35mm NAILS USED IN EACH WING AND 4-3.15mm DIAMETER NAILS TO EACH SIDE OF THE SUPPORTED MEMBER

	CODE	PRODUCT	HEIGHT (mm)	WIDTH (mm)	THICKNESS (mm)	
	TJHG090045124	JOIST HANGER	90	45	1.2	
	Seasoned Timber Capacity (kN)					
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	3.9	5.4	5.5	8.9	10.5	12.7
	Unseasoned Timber Capacity (kN)					
JOINT GROUP	J6	J5	J4	J3	J2	J1
	2.4	3.3	4.3	6.0	7.2	9.4

LIMIT STATE SHEAR CAPACITY (1.2G+1.5QR IE DOWNWARDS DEAD PLUS ROOF LIVE LOADS)

TABLE 15 CAPACITY: FOR 6-3.15mm DIAMETER x 35mm NAILS USED IN EACH WING AND 4-3.15mm DIAMETER NAILS TO EACH SIDE OF THE SUPPORTED MEMBER

	CODE	PRODUCT	HEIGHT (mm)	WIDTH (mm)	THICKNESS (mm)	
	TJHG090045124	JOIST HANGER	90	45	1.2	
	Seasoned Timber Capacity (kN)					
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	4.4	6.0	6.5	10.0	12.4	15.0
	Unseasoned Timber Capacity (kN)					
JOINT GROUP	J6	J5	J4	J3	J2	J1
	2.7	3.7	4.8	6.5	8.5	11.1

REMARKS

- Use only Bremick nails with shank a close fit in all of the nail holes.
- The supported member must sit on the base of the joist hanger and the maximum permissible gap between supported member and face of supporting member 2mm
- Values for Category 1 (secondary members.) Values x 0.94 for Category 2 (primary members) and Category 3 Values x 0.88 for post disaster structures primary members
- When the two connected timber are of different joint groups use the lowest joint group when using these tables

Technical Data

JOIST HANGER

LIMIT STATE SHEAR CAPACITY (1.35G IE DOWNWARDS DEAD LOADS PLUS PERMANENT LIVE LOADS)

TABLE 16 CAPACITY: FOR 10-3.15mm DIAMETER x 35mm NAILS USED IN EACH WING AND 6-3.15mm DIAMETER NAILS TO EACH SIDE OF THE SUPPORTED MEMBER

	CODE	PRODUCT	HEIGHT (mm)	WIDTH (mm)	THICKNESS (mm)	
	TJHG180050124	JOIST HANGER	180	45	1.2	
Seasoned Timber Capacity (kN)						
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	5.2	5.2	5.2	9.9	9.9	12.0
Unseasoned Timber Capacity (kN)						
JOINT GROUP	J6	J5	J4	J3	J2	J1
	3.0	4.1	5.2	5.2	6.8	8.9

LIMIT STATE SHEAR CAPACITY (1.2G+1.5QF IE DOWNWARDS DEAD PLUS FLOOR LIVE LOADS)

TABLE 17 CAPACITY: FOR 10-3.15mm DIAMETER x 35mm NAILS USED IN EACH WING AND 6-3.15mm DIAMETER NAILS TO EACH SIDE OF THE SUPPORTED MEMBER

	CODE	PRODUCT	HEIGHT (mm)	WIDTH (mm)	THICKNESS (mm)	
	TJHG180050124	JOIST HANGER	180	50	1.2	
Seasoned Timber Capacity (kN)						
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	6.3	7.3	7.3	13.9	13.9	16.8
Unseasoned Timber Capacity (kN)						
JOINT GROUP	J6	J5	J4	J3	J2	J1
	3.7	5.0	6.5	7.3	9.5	12.4

LIMIT STATE SHEAR CAPACITY (1.2G+1.5QF IE DOWNWARDS DEAD PLUS FLOOR LIVE LOADS)

TABLE 18 CAPACITY: FOR 10-3.15mm DIAMETER x 35mm NAILS USED IN EACH WING AND 6-3.15mm DIAMETER NAILS TO EACH SIDE OF THE SUPPORTED MEMBER

	CODE	PRODUCT	HEIGHT (mm)	WIDTH (mm)	THICKNESS (mm)	
	TJHG180050124	JOIST HANGER	180	50	1.2	
Seasoned Timber Capacity (kN)						
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	7.1	8.6	8.6	16.0	16.3	19.8
Unseasoned Timber Capacity (kN)						
JOINT GROUP	J6	J5	J4	J3	J2	J1
	4.1	5.6	7.2	8.6	11.2	14.6

REMARKS

- Use only Bremick nails with shank a close fit in all of the nail holes.
- The supported member must sit in the base of the joist hanger and the maximum permissible gap between supported member and face of supporting member 2mm
- Values for Category 1 (secondary members.) Values x 0.94 for Category 2 (primary members) and Category 3 Values x 0.88 for post disaster structures primary members
- When the two connected timber are of different joint groups use the lowest joint group when using these tables

Technical Data

JOIST HANGER

LIMIT STATE SHEAR CAPACITY (1.35G IE DOWNWARDS DEAD LOADS PLUS PERMANENT LIVE LOADS)

TABLE 19 CAPACITY: FOR 11-3.15mm DIAMETER x35mm NAILS USED IN EACH WING AND 7-3.15mm DIAMETER NAILS TO EACH SIDE OF THE SUPPORTED MEMBER

	CODE	PRODUCT	HEIGHT (mm)	WIDTH (mm)	THICKNESS (mm)	
	TJHG220050124	JOIST HANGER	220	50	1.2	
	Seasoned Timber Capacity (kN)					
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	5.7	5.7	5.7	10.9	10.9	13.2
	Unseasoned Timber Capacity (kN)					
JOINT GROUP	J6	J5	J4	J3	J2	J1
	3.3	4.5	5.7	5.7	7.4	9.7

LIMIT STATE SHEAR CAPACITY (1.2G+1.5QF IE DOWNWARDS DEAD PLUS FLOOR LIVE LOADS)

TABLE 20 CAPACITY: FOR 5-3.15mm DIAMETER NAILS USED IN EACH WING AND 3-3.15mm DIAMETER NAILS TO EACH SIDE OF THE SUPPORTED MEMBER

	CODE	PRODUCT	HEIGHT (mm)	WIDTH (mm)	THICKNESS (mm)	
	TJHG220050124	JOIST HANGER	220	50	1.2	
	Seasoned Timber Capacity (kN)					
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	6.9	8.0	8.0	15.3	15.3	18.5
	Unseasoned Timber Capacity (kN)					
JOINT GROUP	J6	J5	J4	J3	J2	J1
	4.0	5.5	7.1	8.0	10.5	13.7

LIMIT STATE SHEAR CAPACITY (1.2G+1.5QR IE DOWNWARDS DEAD PLUS ROOF LIVE LOADS)

TABLE 21 CAPACITY: FOR 5-3.15mm DIAMETER NAILS USED IN EACH WING AND 3-3.15mm DIAMETER NAILS TO EACH SIDE OF THE SUPPORTED MEMBER

	CODE	PRODUCT	HEIGHT (mm)	WIDTH (mm)	THICKNESS (mm)	
	TJHG220050124	JOIST HANGER	220	50	1.2	
	Seasoned Timber Capacity (kN)					
JOINT GROUP	JD6	JD5	JD4	JD3	JD2	JD1
	7.7	9.4	9.4	17.6	17.9	21.7
	Unseasoned Timber Capacity (kN)					
JOINT GROUP	J6	J5	J4	J3	J2	J1
	4.5	6.1	7.9	9.4	12.3	16.1

REMARKS

- Use only Bremick nails with shank a close fit in all of the nail holes.
- The supported member must sit on the base of the joist hanger and the maximum permissible gap between supported member and face of supporting member 2mm
- Values for Category 1 (secondary members.) Values x 0.94 for Category 2 (primary members) and Category 3 Values x 0.88 for post disaster structures primary members
- When the two connected timber are of different joint groups use the lowest joint group when using these tables