The BOWMAC product range is designed to cut building costs. The extensive range of brackets suits all types of timber construction, and provides the designer and builder with a versatile, economic and very extensive joining system.

Superior Quality - Hot Dip Galvanised - Heavy Duty
Timber to Timber - Timber to Concrete - Timber to Steel

The BOWMAC product range is designed to cut building costs. The extensive range of brackets suits all types of timber construction, and provides the designer and builder with a versatile, economic and very extensive joining system.

BOWMAC Brackets are available from leading Builders Supply Merchants and Hardware outlets throughout New Zealand.
DESCRIPTION
The BOWMAC product range of fixing brackets, supports and braces is specifically designed for use in all types of timber construction. All products utilise high grade steel, and rigorous quality control ensures a quality product.

STANDARDS
Applicable Timber Standards are NZS 3603 and NZS 3604:2011.

GALVANISING
All components are hot dip galvanised to AS/NZS 4680 to 600g/m². (Excludes Bonza Borer).

DESIGN LOADINGS
These can be derived from the characteristic strength of bolts in timber, using the relevant design code. Recommended loadings for pole to brace cleats B128, B145 & B155 only are shown here.

STANDARD PRODUCT RANGE
This catalogue details the standard range of BOWMAC products. Refer to separate brochure for Stainless Steel 304-2B product.

SPECIAL PRODUCTS
BOWMAC also manufactures custom-made products to suit specific requirements. A lead time, by discussion, is required to allow for manufacture.

AVAILABILITY
The BOWMAC product range is available from leading Builders Supply Merchants throughout New Zealand.

END USE
The purchaser is responsible for checking the suitability of any component for its intended use.

POST AND BEARER BRACKETS

*Similar also available in stainless steel 304-2B
Refer to brochure
**BOLT & NAIL SIZES**

**FIXING NOTE**

All bolt holes accommodate M12 Bolts unless noted. Nail holes to accommodate 40mm x 3.15Ø F. Head square twisted shank nails. Hot dip galvanised.

**BOLTS NOT INCLUDED UNLESS NOTED**

*Similar also available in stainless steel 304-2B. Refer to brochure

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**STRAPS**

*Similar also available in stainless steel 304-2B. Refer to brochure
All bolt holes to accommodate M12 Bolts unless noted. Nail holes to accommodate 40mm x 3.15Ø F. Head square twisted shank nails. Hot dip galvanised.

*Similar also available in stainless steel 304-2B
Refer to brochure

BOLT & NAIL SIZES
**ANGLES**

[B175]

[B177]

[B178]

**BOLT SIZES**

All bolt holes to accommodate M12 Bolts unless noted.

**Z & L BEAM SUPPORTS**

*Similar also available in stainless steel 304-2B Refer to brochure

**B155 POLE BRACE BRACKET**

Ex 50 x 5mm Plate 100 x 5 Channel Spacer. Supplied with 3-30mm x 16mm Ø Bolts & 2-140mm x 16mm Ø Bolts

50 x 50 x 5 Washers

20mm Ø Stud Bolts

Not supplied

**B145 POLE BRACE BRACKET**

*Similar also available in stainless steel 304-2B Refer to brochure

**B128 POLE BEAM BRACKET**

Square Washers 50 x 50 x 5

20mm Ø Stud Bolts

Not supplied

Joint Characteristic 74kN

18.5kN per bracket.

**POLE CONSTRUCTION DETAILS**

(BOLTS & WASHERS NOT INCLUDED)

DUAL B128

SUGGESTED SPICE DETAIL

WHERE REQUIRED

SINGLE B128

18.5kN/Bracket

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FENCE STAY BRACKET  BONZA BORER

<table>
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<tr>
<th>MODEL</th>
<th>SIZE</th>
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<tbody>
<tr>
<td>BB150</td>
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<tr>
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<tr>
<td>BB250</td>
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