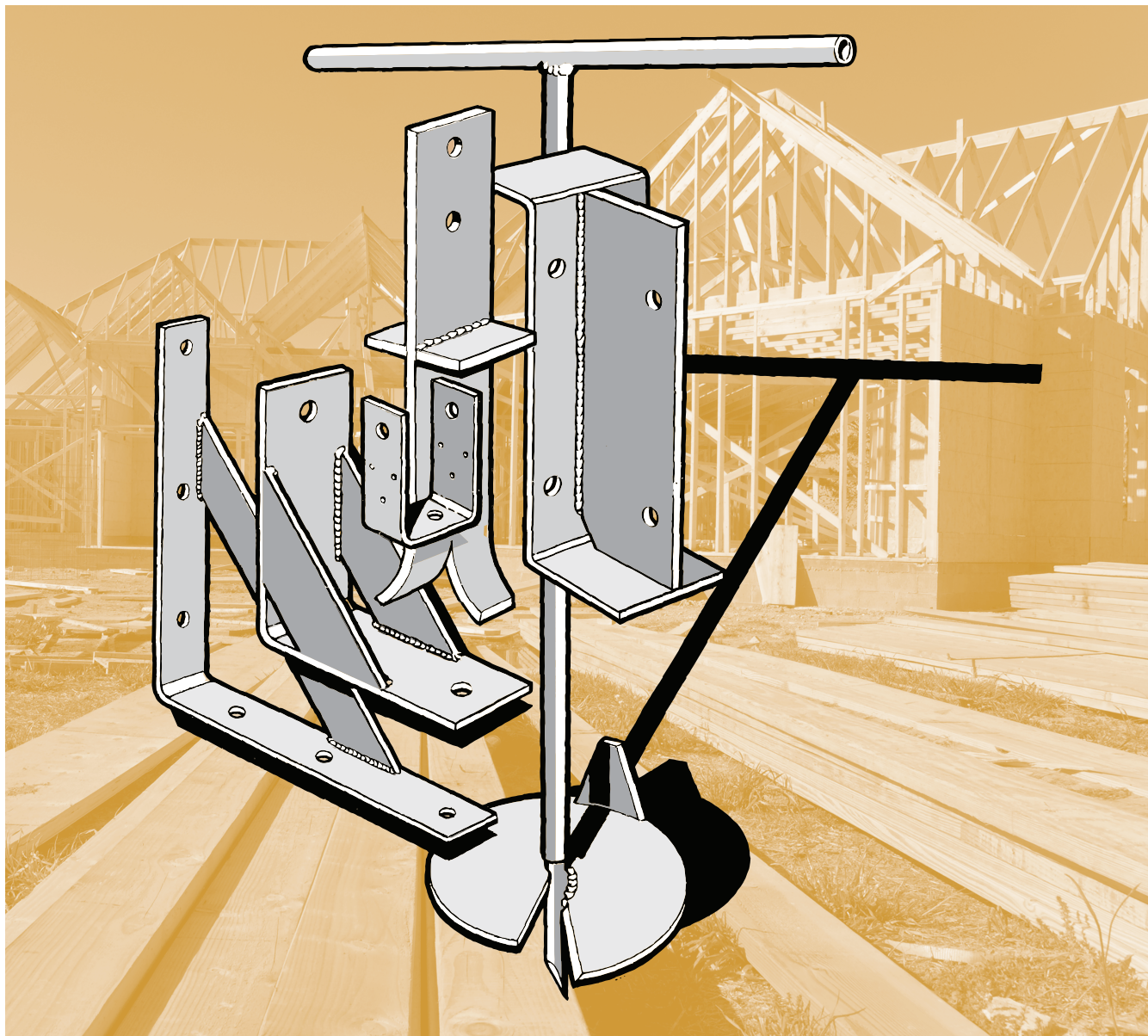




# BOWMAC®

01/2017

## STRUCTURAL BRACKETS CATALOGUE



**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/m<sup>2</sup>. (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.

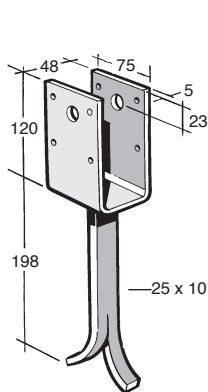
## AVAILABILITY

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

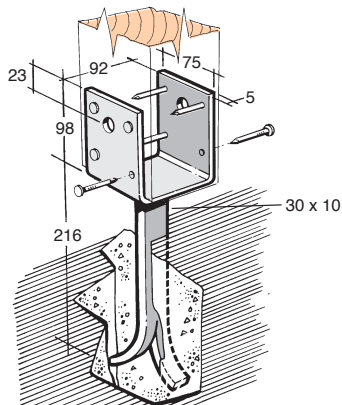
## END USE

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

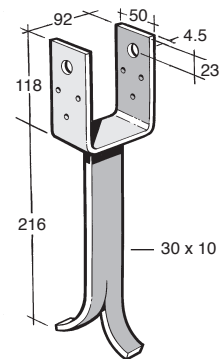
## POST AND BEARER BRACKETS



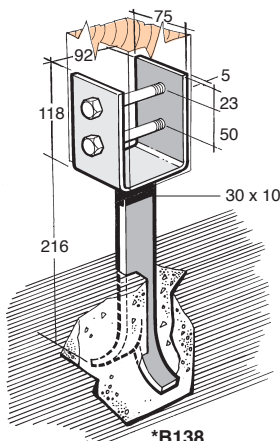
**B132**  
(Nails Included Only)



**B134**  
(Nails Included Only)

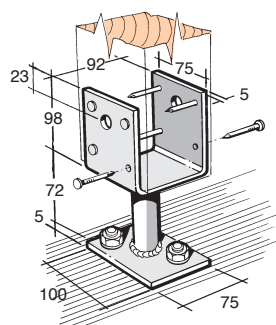


**\*B135**  
(Nails & Bolt Included)

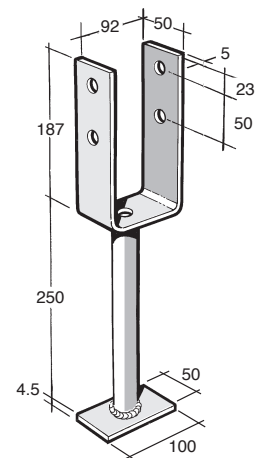


**\*B138**  
(Bolts Included)

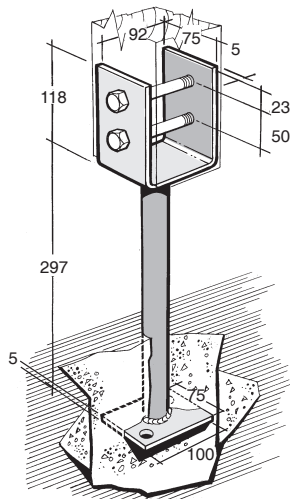
\*Similar also available in stainless steel 304-2B  
Refer to brochure



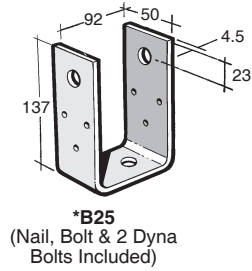
**B12**  
(Nails Included Only)



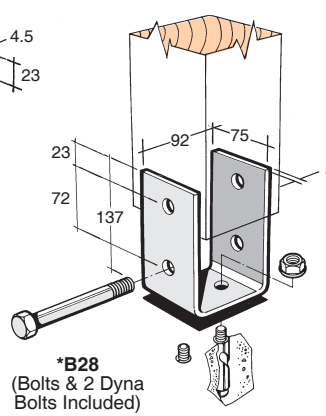
**B16**  
(Bolts Not Included)



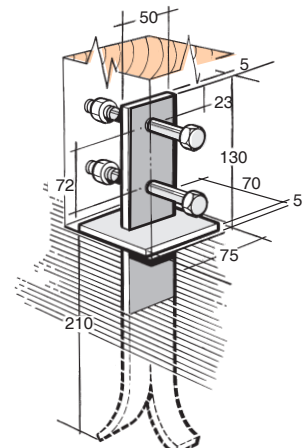
**B18**  
(Bolts Included)



**\*B25**  
(Nail, Bolt & 2 Dyna Bolts Included)



**\*B28**  
(Bolts & 2 Dyna Bolts Included)



**B195**

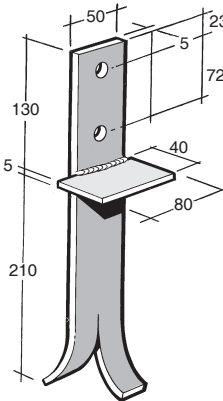
## BOLT & NAIL SIZES

### FIXING NOTE

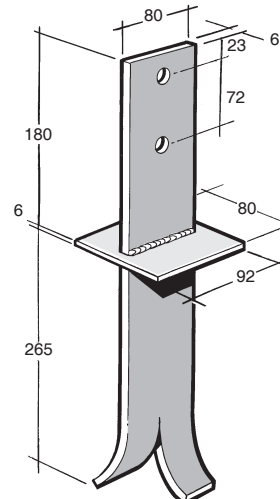
All bolt holes accommodate M12 Bolts unless noted. Nail holes to accommodate 40mm x 3.15Ø F. Head square twisted shank nails. Hot dip galvanised.

### BOLTS NOT INCLUDED UNLESS NOTED

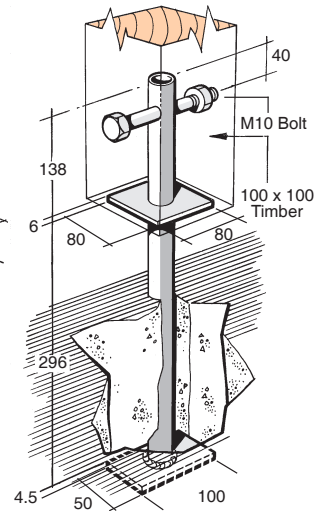
\*Similar also available in stainless steel 304-2B. Refer to brochure



**B196**

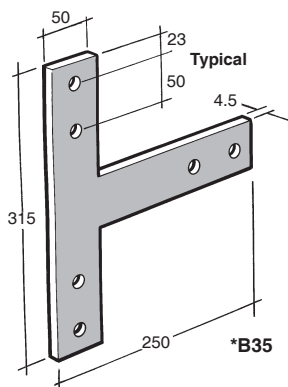


**\*B197**

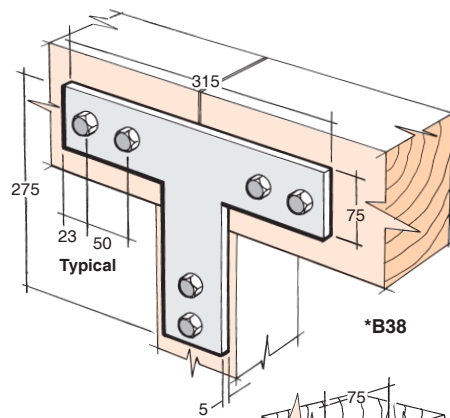


**B198**

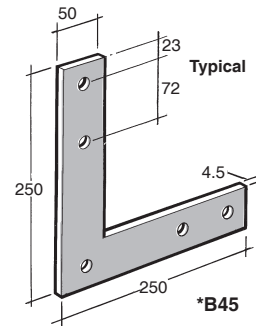
## STRAPS



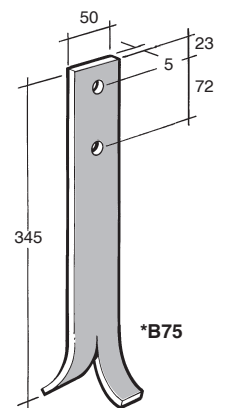
**\*B35**



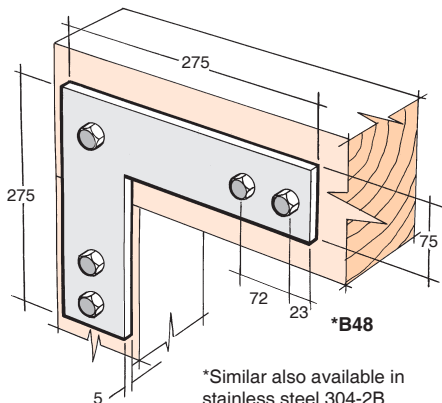
**\*B38**



**\*B45**

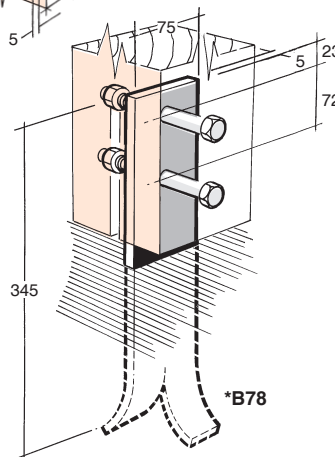


**\*B75**

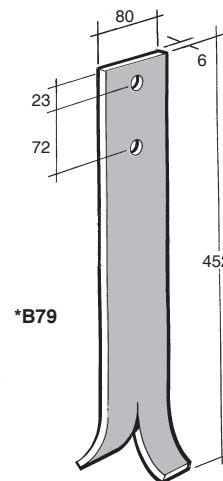


**\*B48**

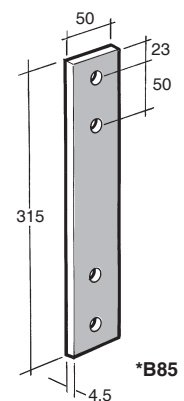
\*Similar also available in stainless steel 304-2B. Refer to brochure



**\*B78**

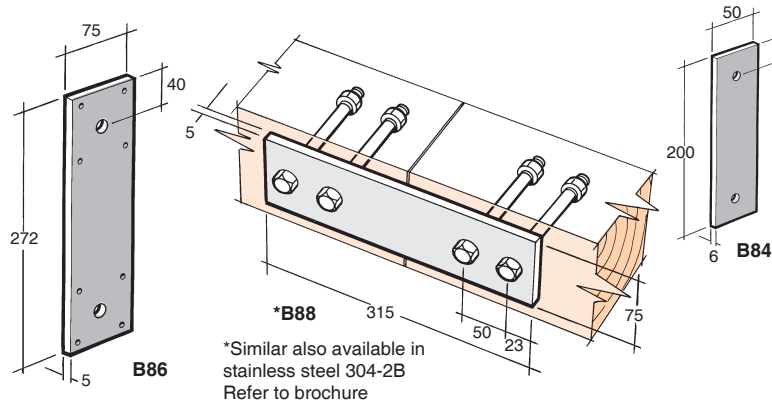


**\*B79**



**\*B85**

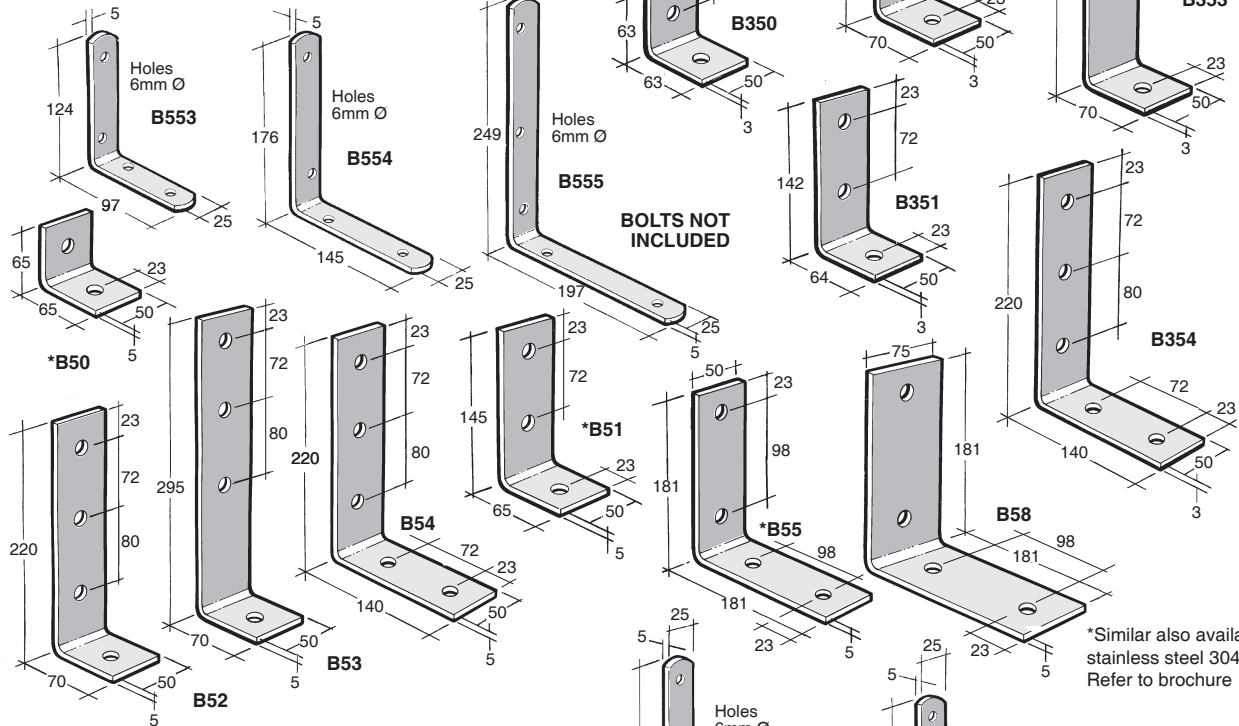




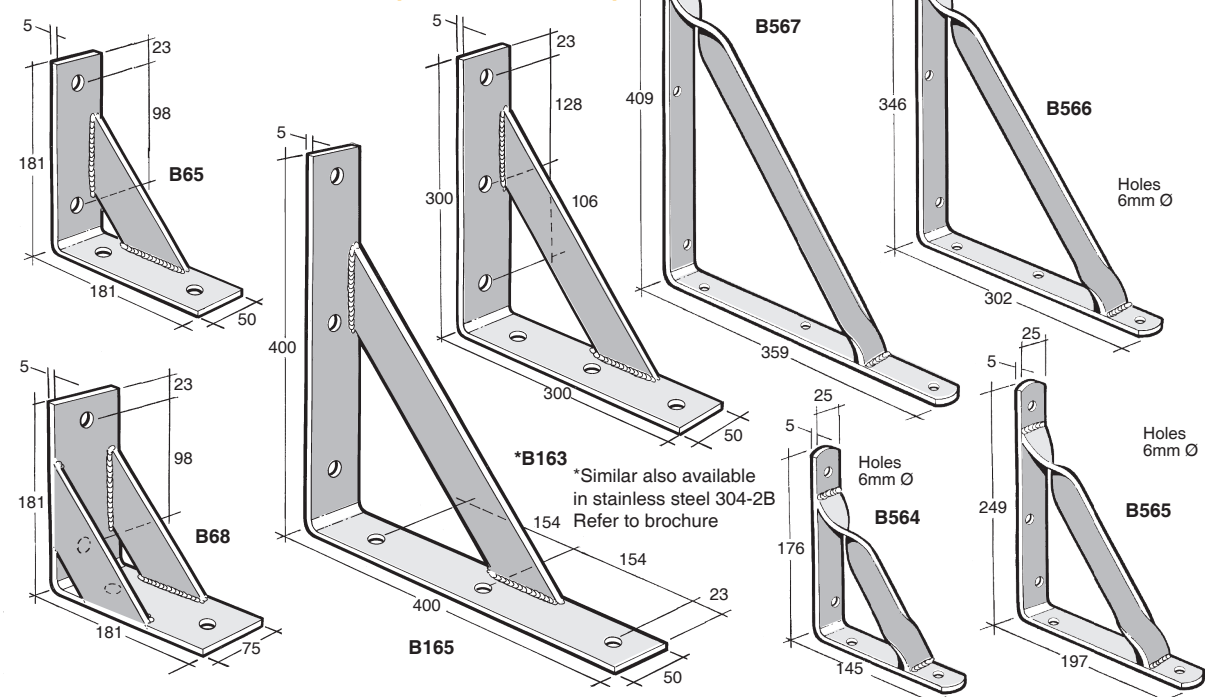
### BOLT & NAIL SIZES

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.

### ANGLE BRACKETS (No Gusset)

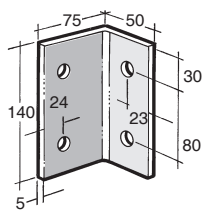


### ANGLE BRACKETS (With Gusset)

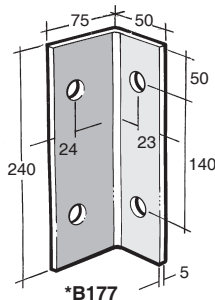




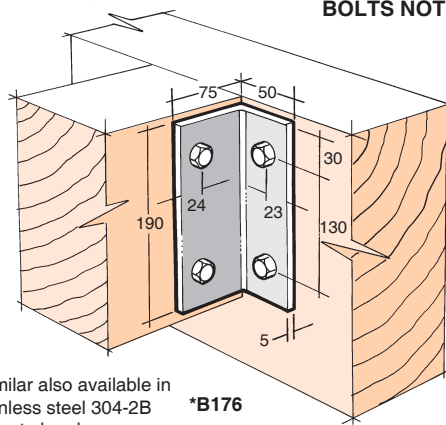
## ANGLES



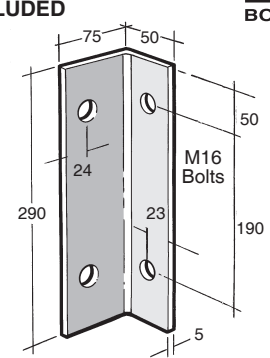
**\*B175**



**\*B177**



**\*B176**



**B178**

**BOLTS NOT INCLUDED**

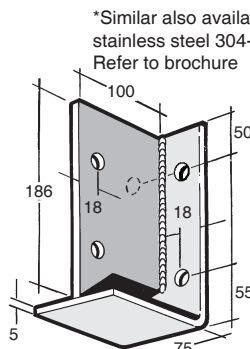
### BOLT SIZES

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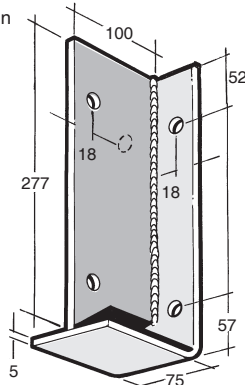
\*Similar also available in stainless steel 304-2B Refer to brochure

## Z & L BEAM SUPPORTS

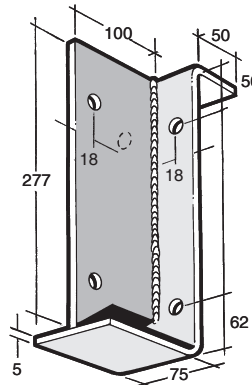
\*Similar also available in stainless steel 304-2B Refer to brochure



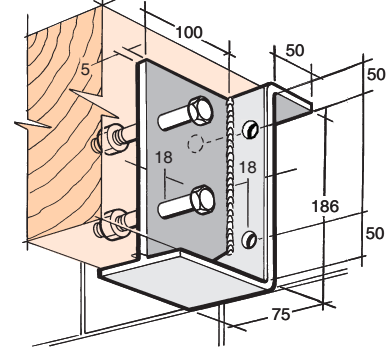
**\*B108**



**\*B109**



**B99**

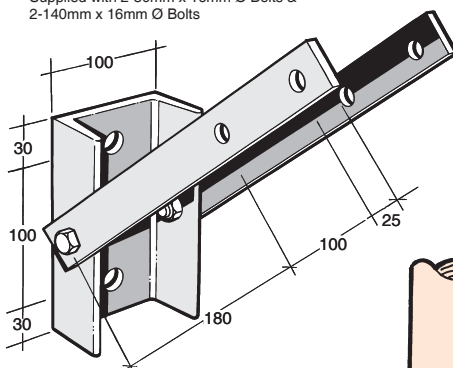


**B98**

**BOLTS NOT INCLUDED**

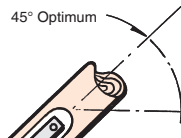
## \*B155 POLE BRACE BRACKET

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



**42kN CHARACTERISTIC  
LOAD TENSION  
AND COMPRESSION**

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

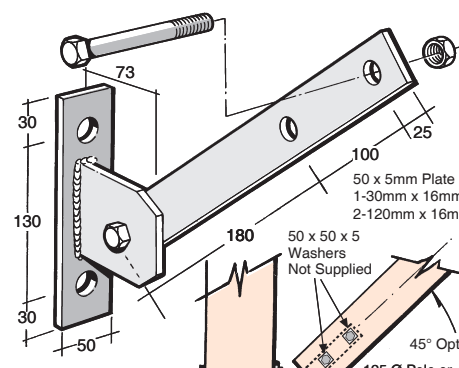


125 Ø Pole or  
100 sq. Brace.

**POLE BRACE BRACKET**

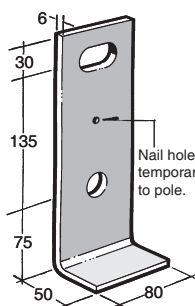
## \*B145 POLE BRACE BRACKET

50 x 5mm Plate supplied with  
1-30mm x 16mm Ø Bolt &  
2-120mm x 16mm Ø Bolts.

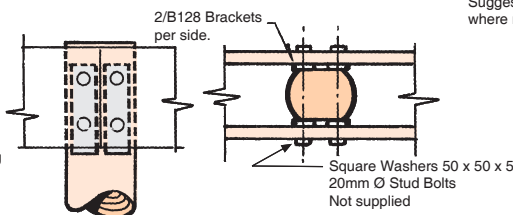


**30kN CHARACTERISTIC  
LOAD TENSION  
AND COMPRESSION**

## \*B128 POLE BEAM BRACKET

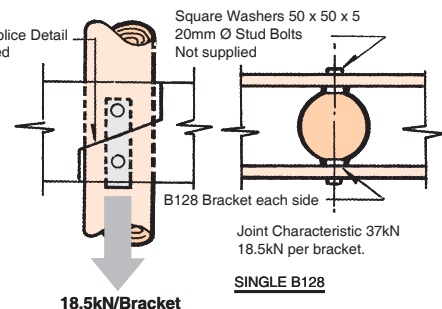


Nail hole for  
temporary fixing  
to pole.



**DUAL B128**

Joint Characteristic 74kN  
18.5kN per bracket.

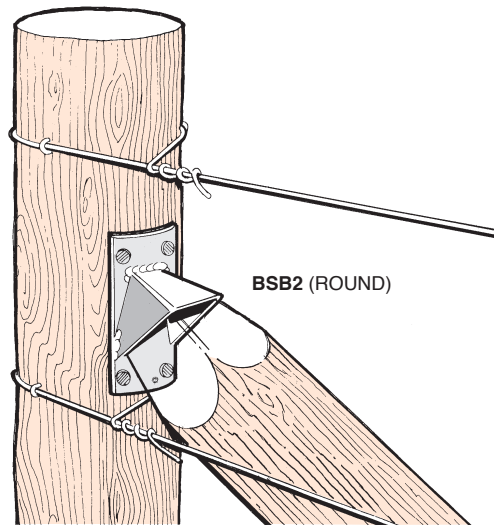


**SINGLE B128**

18.5kN/Bracket

**POLE CONSTRUCTION DETAILS  
(BOLTS & WASHERS NOT INCLUDED)**

## FENCE STAY BRACKET



## BONZA BORER

MODEL	SIZE
<b>BB150</b>	150mm Dia.
<b>BB200</b>	200mm Dia.
<b>BB250</b>	250mm Dia.

