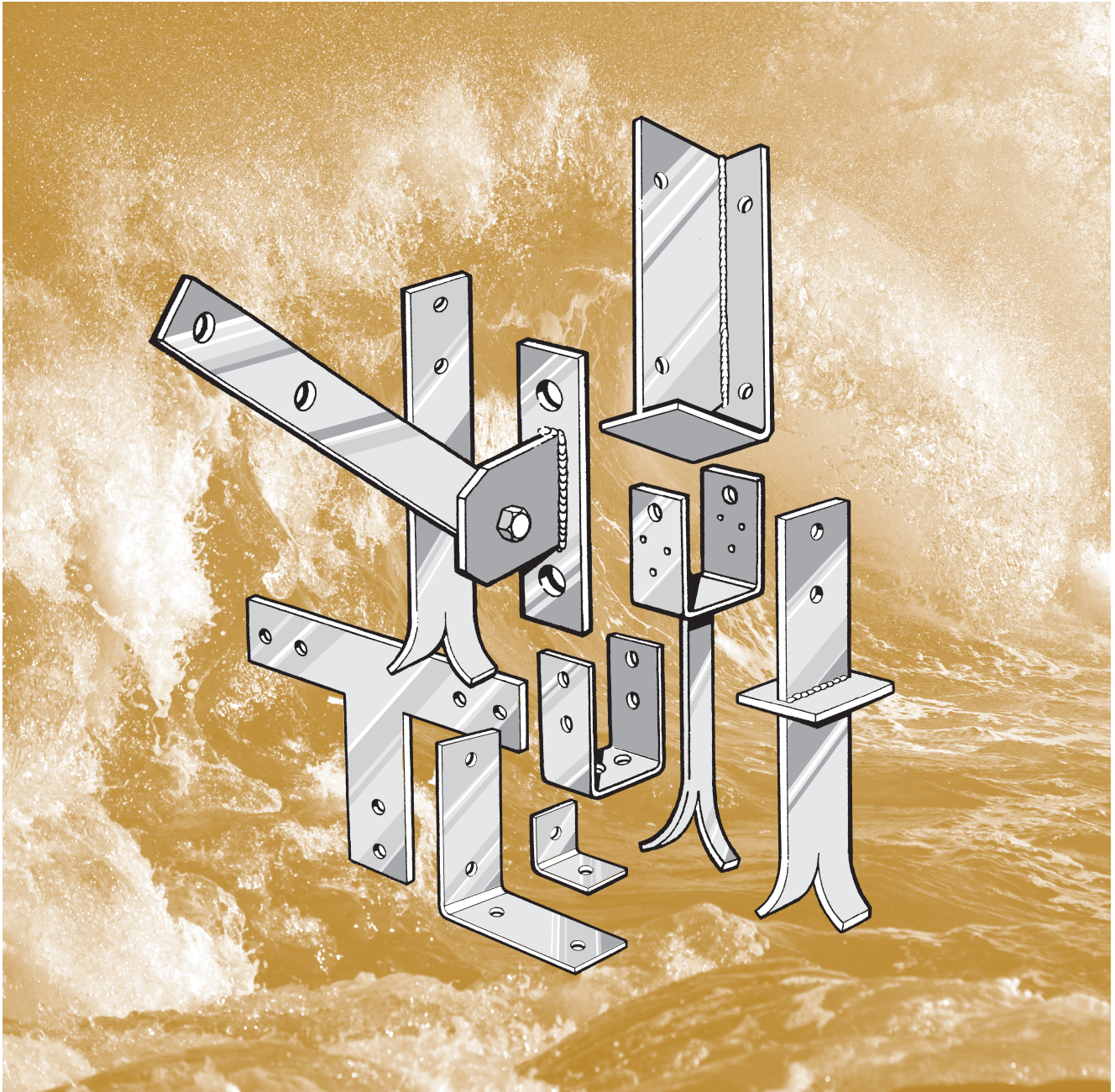




BOWMAC®

01/2017

STAINLESS STEEL STRUCTURAL BRACKETS CATALOGUE



The BOWMAC Stainless Steel range provides a system of timber fixing brackets for use in highly corrosive or aesthetic environments. The Stainless Steel range supplements the extensive Hot Dip Galvanised range of BOWMAC Brackets.

**BOWMAC Stainless Steel Brackets are available from leading
Builders Supply Merchants and Hardware outlets
throughout New Zealand.**

PRODUCT RANGE This catalogue details the Stainless Steel range of BOWMAC products. Refer to separate brochure for the Hot Dip Galvanised range of BOWMAC products.

STANDARDS Applicable Timber Standards are NZS 3603 and NZS 3604:2011 - Section 4 Durability.

DESIGN LOADING These can be derived from the characteristic strength of bolts in timber, using the relevant design code NZS 3603.

DURABILITY The selection of BOWMAC Stainless Steel brackets should be made in conjunction with the MiTek Durability Product Selection and Durability Flow Charts in Section 4 of the current MiTek Structural Fixings On-Site Guide. These selection charts are an alternative solution to Table 4.1 NZS 3604:2011.

The recommendation and use of BOWMAC Stainless Steel brackets prescribed in these selection charts is based on supporting advice from Les Boulton & Associates - Materials and Corrosion Consultants in their report # 99267.

When used, handled and installed in accordance with the above conditions, BOWMAC Stainless Steel brackets meet NZBC Clause B2 for 50 years durability performance requirements.

Depending on specific weather exposure and salt spray environments, there may be evidence of 'tea staining' on the surface of Stainless Steel brackets.

Tea staining is a visual issue only and DOES NOT affect the structural integrity of the bracket. To minimise this occurrence, it is suggested that a regular washing / maintenance cycle be implemented using warm water with a mild detergent and a cold fresh water rinse.

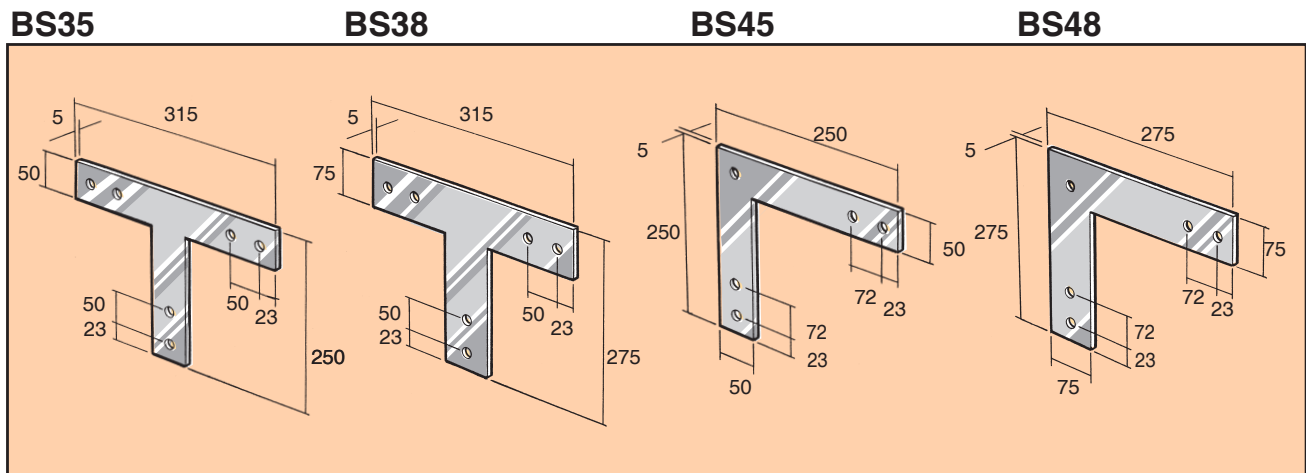
It is NOT advisable for any BOWMAC Stainless Steel products to be painted over as this may affect the natural anti-corrosive characteristics of stainless steel.

CUSTOM PRODUCTS BOWMAC also manufactures custom-made products to suit specific requirements, using Hot Dip Galvanised Steel and 304 Stainless Steel. A lead time by discussion is required to allow for manufacture.

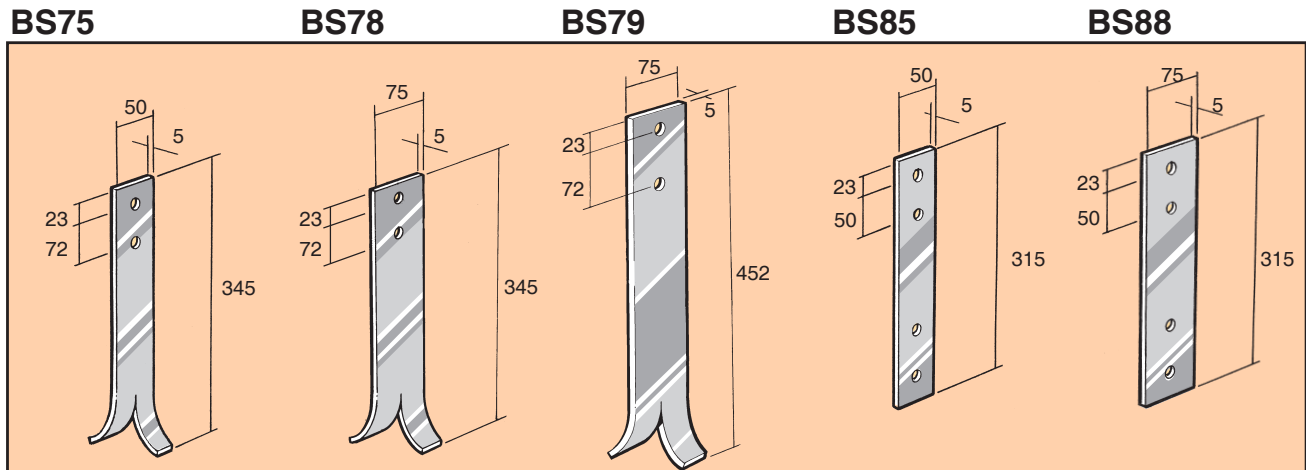
AVAILABILITY Stainless Steel BOWMAC Brackets can be purchased from Builders Supply Merchants or indented through the merchant from our Auckland and Christchurch warehouses.

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

STRAPS



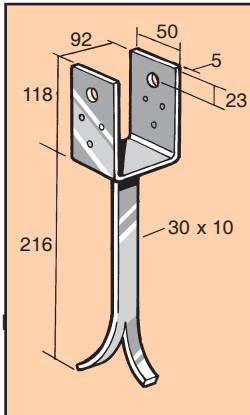
Holes for M12 Bolts



Holes for M12 Bolts

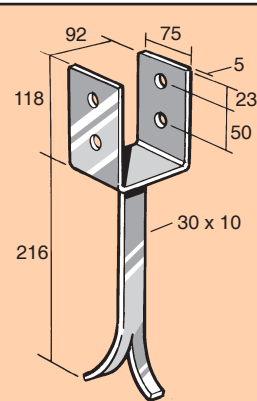
POST AND BEARER BRACKETS

BS135



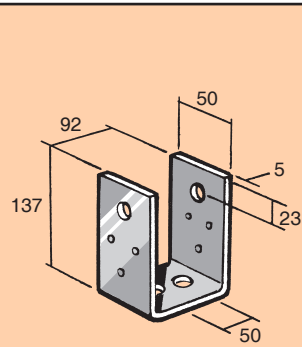
M12 Bolt and Nails Included

BS138



2 - M12 Bolts Included

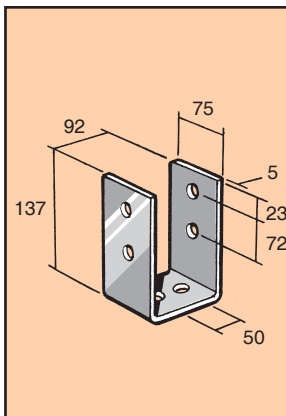
BS25



M12 Bolt and Nails Included

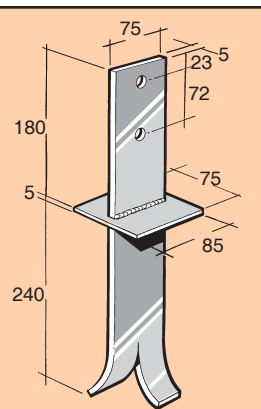
POST AND BEARER BRACKETS POLE BRACKET

BS28



2 - M12 Bolts Included

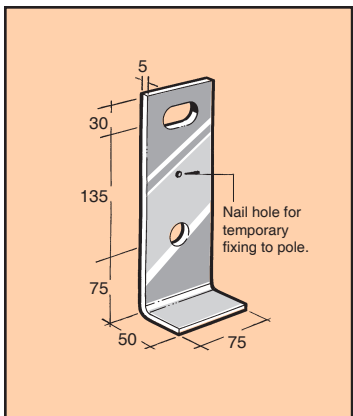
BS197



Holes for M12 Bolts

Bolts not included unless specified

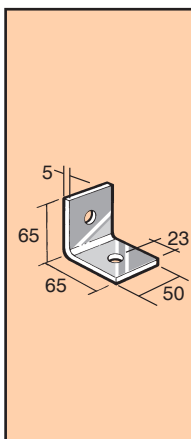
BS128



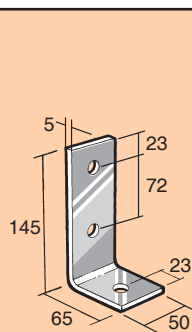
Holes for M20 Bolts

ANGLE BRACKETS

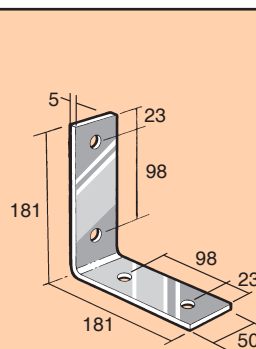
BS50



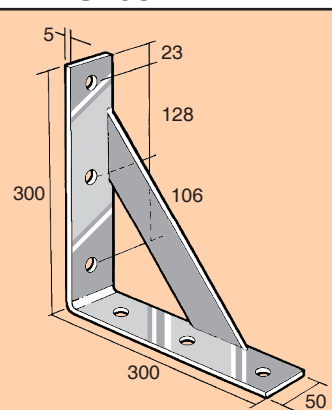
BS51



BS55



BS163



All Holes for M12 Bolts

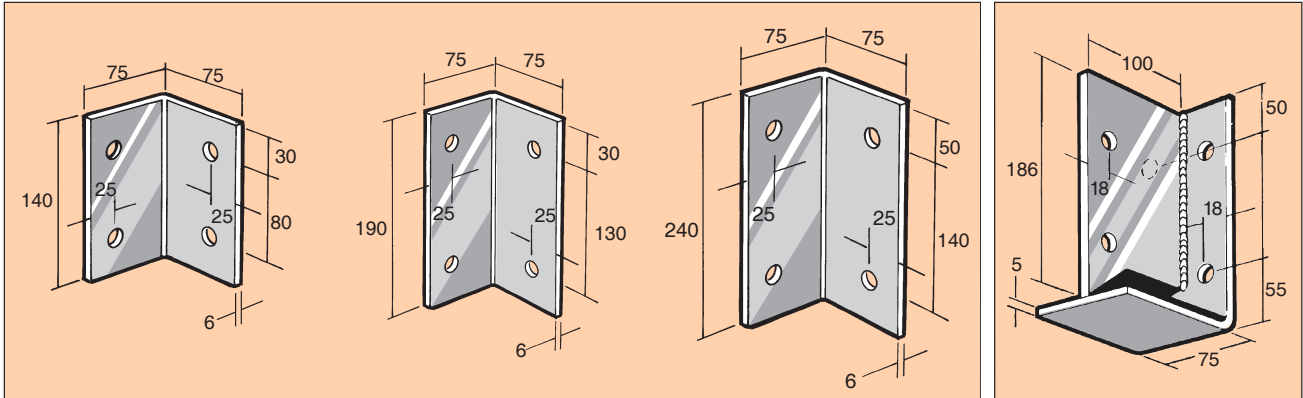
ANGLES **BEAM SUPPORTS**

BS175

BS176

BS177

BS108

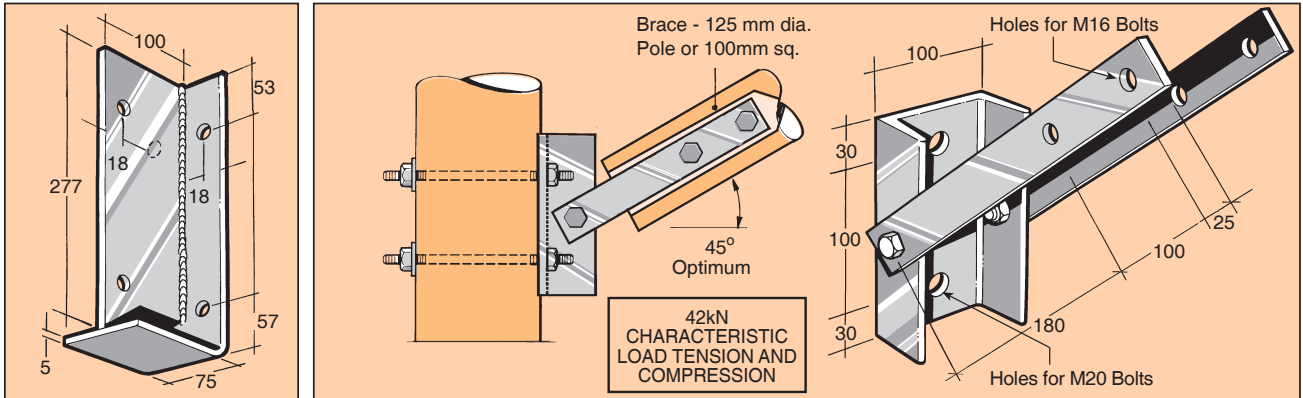


All Holes for M12 Bolts

BEAM SUPPORTS **POLE BRACE BRACKET**

BS109

BS155

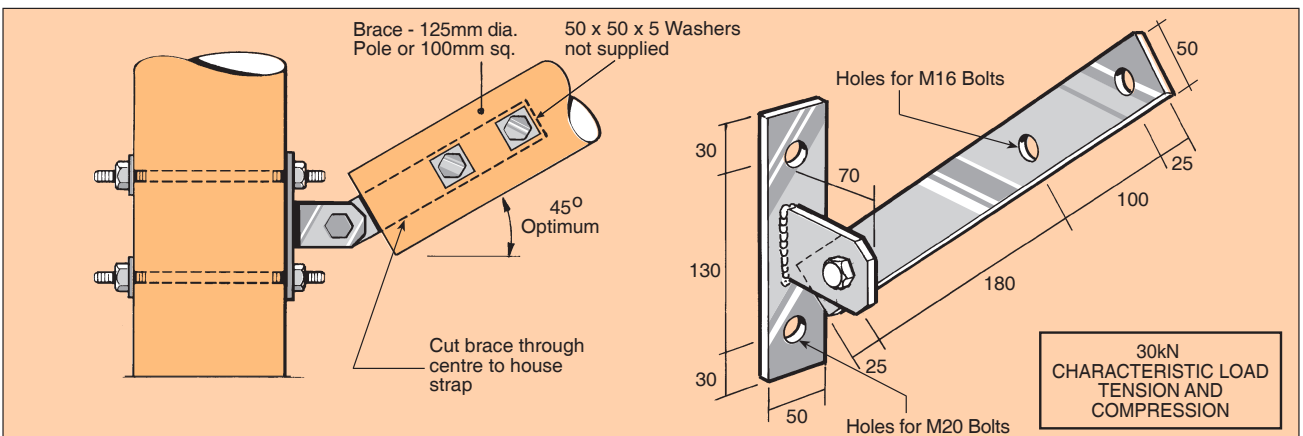


All Holes for M12 Bolts

2 – M16 x 30mm Assembly Bolt only supplied

POLE BRACE BRACKET

BS145



1 – M16 x 30mm Assembly Bolt only supplied