



Lindapter Type A and Type B

Building Product Information Sheet

Lindapter Type A and Type B are clamps used for the load bearing connection of girders, channels and columns made of structural steel. They are used to resist moderate tensile, frictional or combined load directions. Type A and Type B clamps are used with (user-supplied) bolts and nuts, and a range of ancillary washers (W, CW) and packing pieces (P1, P2). Clamps are available in sizes to suit M08, M10, M12, M16, M20 and M24 bolts. Three tail length options (short 'S', medium 'M' and long 'L')

accommodate different steel thicknesses. Ancillary pieces are used to increase the clamping range.

Type A and Type B clamps comprise a single piece design. Type A incorporate a recessed top that holds the bolt captive while the nut is tightened. Type B clamps exhibit a flat-top design that allows the nut or bolt to rotate.

Durability is achieved by a zinc plated or hot-dip galvanised coating and categorised by Corrosivity Class in accordance with ISO9223.

Type A and B clamps are identified by reference to type, size and tail length (e.g. A12S, B12S).

Composition

- Type A and Type B clamps are manufactured from malleable iron.

Supporting documentation

- Full product details, including installation guidelines, are presented in supporting technical documentation. See: Lindapter Weld-Free Steel Connectors.
- Available from: <https://www.ancon.co.nz/downloads/technical-literature>

Product Identifier

- A_ _ _ , B_ _ _

Relevant Building Code clauses:

- Clause B1 Structure — B1.3.1, B1.3.2, B1.3.3, B1.3.4
- Clause B2 Durability — B2.3.1 (a)
- Clause F2 Hazardous Building Materials — F2.3.1

Contributions to Compliance:

Clause B1 Structure

- B1.3.1, B1.3.2, B1.3.3, B1.3.4.** Type A and Type B clamps are CE marked and product compliant with European standards. Safe working loads are presented in the supporting technical documentation. Type A and Type B capacities have been tested in accordance with the Lloyd's Register Type Approval System (Certificate no. LR21464139TA).

Clause B2 Durability

- B2.3.1 (a).** Type A and Type B will meet the provisions of B2.3.1(a) of not less than 50 years subject to placement, use and maintenance in accordance with the design and required durability assessment and consideration of the responsible engineer working to the appropriate design and environmental standards.

Clause F2 Hazardous Building Materials

- F2.3.1.** Type A and Type B clamps meet the performance requirements under Clause F2.3.1.

Manufacturer and Importer Details:

Place of Manufacture:	Overseas
Manufacturer:	Lindapter International, Brackenbeck Road, Bradford West Yorkshire BD7 2NF, United Kingdom
Manufacturer Email:	support@lindapter.com
Importer Name:	Leviat New Zealand Limited
Importer Address:	246D James Fletcher Drive, Otahuhu, Auckland, 2024
Importer Website:	www.leviat.com/en-nz
Importer Email:	info.nz@leviat.com
Importer Phone:	+64 9 276 2236
Importer NZBN:	9429031339056

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Limitations on the use of the building product:

- Use of coated steel clamps in exterior or damp environments is the responsibility of the designer. Guidelines helpful to the preparation of the durability assessment necessary to the use of clamps in environments subject to different conditions are presented in the supporting technical documentation (see page 72), which includes durability ratings categorised in accordance with ISO 9223.

Design requirements to support appropriate use:

- The design strength of Type A and Type B connections must be determined by a suitably qualified engineer in accordance with NZS 3404.

Installation requirements:

- Type A and Type B clamps shall be installed by a competent contractor in accordance with Lindapter installation instructions and the specific engineering design and guidance of the designer.
- Installation guidelines are available in the supporting technical documentation.

Maintenance requirements:

- Maintenance of Type A and Type B shall be in accordance with the design and durability assessment of the designer. Maintenance of Type A and Type B clamps installed in interior, dry and protected environments will not normally be required during the expected life of the clamp.

Warnings or ban:

- This product is not subject to any warning or ban under section 26 of the Building Act 2004.