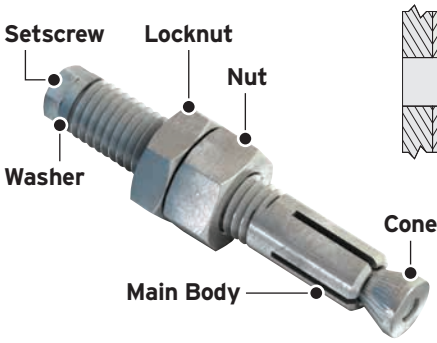
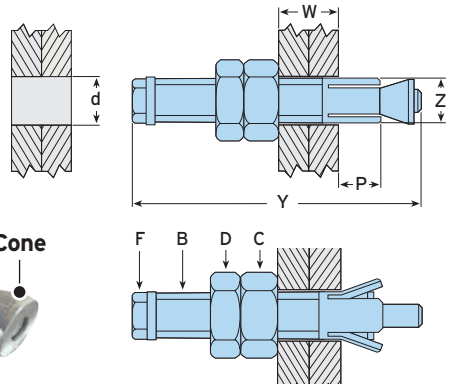
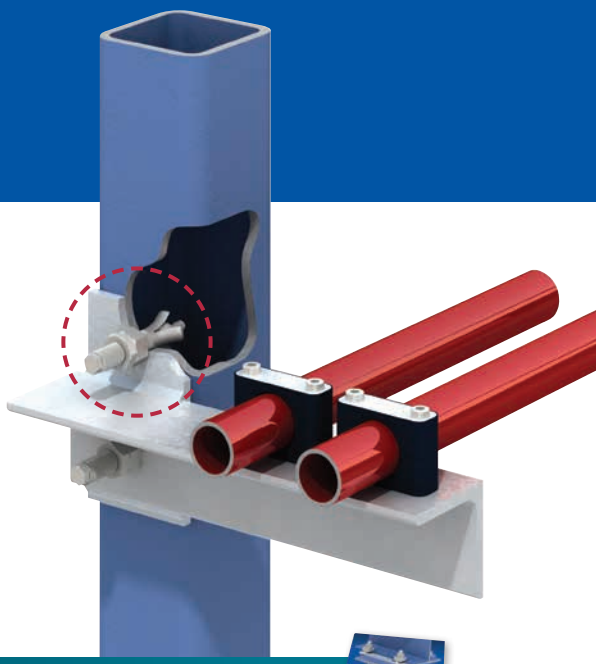
# Type LB2 - LindiBolt™ 2

Self-heading bolt suitable for connecting steelwork to hollow sections where access is only available from one side. The LindiBolt uses a standard clearance hole.



**For Characteristic Resistances when designing a connection to Eurocode 3, refer to DoP No.002 (CE) or DoC No.102 (UKCA) on Lindapter's website. Alternatively, request a DoP or DoC brochure.**



Material: Steel, zinc plated. Stainless steel grade 316.

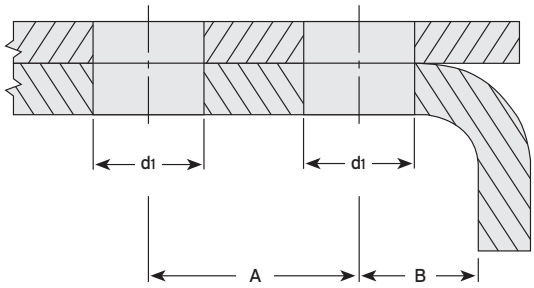
| Product Code | LindiBolt Bolt Z | LindiBolt Length Y mm | Safe Working Loads (FOS 5:1) Tensile kN | Safe Working Loads (FOS 5:1) Single Shear kN | Clamping Length W mm | Projection P mm |
|---|---|---|---|---|---|---|
| LB10 | M10 | 74 | 3.0 | 3.4 | 7 - 30 | 7.5 - 10 |
| LB12 | M12 | 85 | 5.0 | 5.0 | 10 - 36 | 9 - 12 |
| LB16 | M16 | 105 | 8.0 | 9.8 | 12 - 48 | 12 - 16 |
| LB20 | M20 | 128 | 14.0 | 15.2 | 14 - 60 | 15 - 20 |
| LB24 | M24 | 158 | 20.0 | 22.5 | 18 - 72 | 18 - 24 |

| Product Code | Setscrew (F) Bolt F | Setscrew (F) Tightening Torque Nm | Setscrew (F) A/F mm | Main Body (B) and Nut (C and D) Thread Z | Main Body (B) and Nut (C and D) Tightening Torque Nm | Main Body (B) and Nut (C and D) A/F mm |
|---|---|---|---|---|---|---|
| LB10 | M5 | 6 | 8 | M10 | 20 | 17 |
| LB12 | M6 | 11 | 10 | M12 | 31 | 19 |
| LB16 | M8 | 23 | 13 | M16 | 81 | 24 |
| LB20 | M10 | 45 | 17 | M20 | 129 | 30 |
| LB24 | M12 | 80 | 19 | M24 | 203 | 36 |

**The safe working loads, in both tension and shear shown, are applicable to the LindiBolt™ only. Failure of the section, particularly on those with thin walls and a wide chord face, could occur at a lower figure and its strength should be checked by a qualified Structural Engineer.**

## LindiBolt - Drilling and Installation

Please ensure that the holes are drilled into both the fixture and the section according to the drilling guidance below.

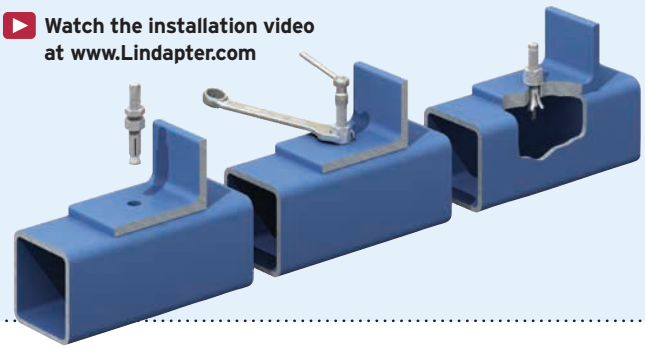



| Product Code | Clearance Hole Ø d1 mm | Hole Distances min A mm | Hole Distances min B mm |
|---|---|---|---|
| LB10 | 11 (+1.0) | 25 | 15 |
| LB12 | 13 (+1.0) | 30 | 20 |
| LB16 | 17 (+1.0) | 40 | 25 |
| LB20 | 21 (+1.0) | 50 | 30 |
| LB24 | 25 (+1.0) | 60 | 35 |

### How to install...

1) Set nut (C) at (W) plus projection (P) then tighten the locknut (D).
2) Align pre-drilled fixtures. Insert LindiBolt cone end first through both fixtures.
3) Hold nut (C) with a spanner and tighten the bolt (F). Loosen off the locknut (D) and tighten the nut (C). Secure by re-tightening the locknut (D).

**Watch the installation video at www.Lindapter.com**




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