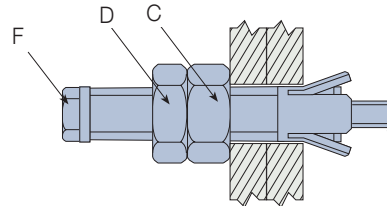
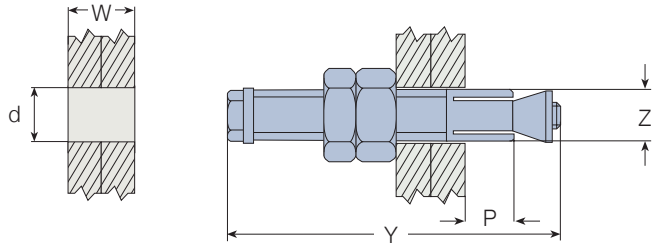
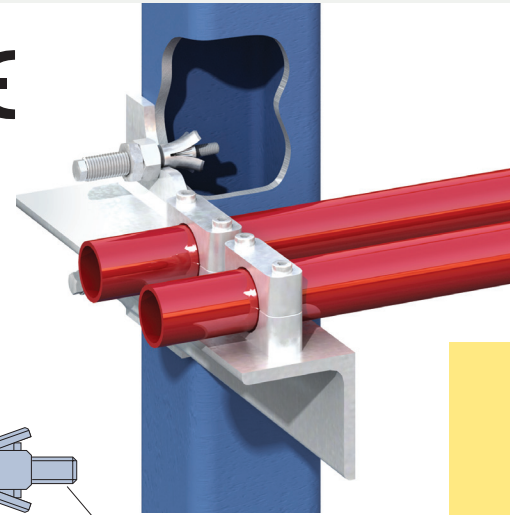
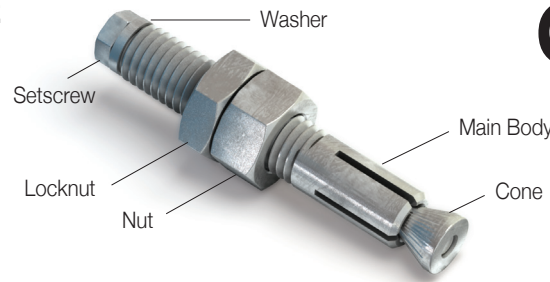


Type LB2 - Lindibolt™ 2

Steel, bright zinc plated
Stainless Steel Grade 316

A self heading bolt suitable for connecting steelwork to hollow sections, tubes and where access is available from one side only. The Lindibolt 2 uses a standard clearance hole.



The central bolt is half the diameter of Z.

Safe Working Loads

Product Code	Lindibolt 2™		Hole Ø d	Safe Working Load ¹⁾ (Factor of Safety 5:1)		Clamping Length W	Projection P	Setscrew F		Nut C & Locknut D	
	Size Z	Length Y		Tensile lbs	Single Shear lbs			Torque ft lb	Nut A/F	Torque ft lb	Nut A/F
LLB037	M10 (3/8")	2 1/16"	7/16"	674	764	1/4" - 1 3/16"	5/16" - 3/8"	4	5/16"	15	11/16"
LLB050	M12 (1/2")	3 1/8"	9/16"	1124	1124	3/8" - 1 7/16"	3/8" - 1/2"	8	3/8"	23	3/4"
LLB062	M16 (5/8")	4 1/8"	1 1/16"	1798	2203	1/2" - 1 7/8"	1/2" - 5/8"	17	1/2"	60	1"
LLB075	M20 (3/4")	5"	1 3/16"	3147	3417	9/16" - 2 3/8"	9/16" - 1 3/16"	33	1 1/16"	95	1 1/4"
LLB100	M24 (1")	6 3/16"	1 1/16"	4496	5058	1 1/16" - 2 7/8"	1 1/16" - 1"	59	3/4"	150	1 7/16"

Safe Working Loads

➤ The safe working loads, in both tension and shear, shown above 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.

Characteristic Values of tensile and shear resistance

taken from ETA-11/0199 (www.lindapter.com/about/CE)

CE For designing to Eurocode 3 standard only

Lindibolt 2™

Product Code	Nominal Size	Tensile F _{t,Rk} lbs	Shear F _{v,Rk} lbs	Material Strength of Sleeve ksi
LLB037	M10 (3/8")	2698	3327	55
LLB050	M12 (1/2")	3979	4811	55
LLB062	M16 (5/8")	7756	9127	55
LLB075	M20 (3/4")	12252	14410	55
LLB100	M24 (1")	17782	20952	55

Lindibolt 2™ Stainless Steel

Product Code	Nominal Size	Tensile F _{t,Rk} lbs	Shear F _{v,Rk} lbs	Material Strength of Sleeve ksi
LLBST037	M10 (3/8")	3552	3080	73
LLBST050	M12 (1/2")	5216	4474	73
LLBST062	M16 (5/8")	10206	8543	73
LLBST075	M20 (3/4")	16119	13511	73
LLBST100	M24 (1")	23403	19626	73

Characteristic Values

➤ The Characteristic Values for the Lindibolt listed in the above tables are for use when designing bolted connections to Eurocode 3 ONLY, these are not standard safe working loads. Please contact Lindapter if in doubt.

Installation

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

