2420 - Lindapter Hollo-Bolt

Description

The Lindapter Hollo-Bolt is a patented method of securing to square, rectangular or circular hollow section steel, or to conventional steelwork where access is available from one side only. Awarded the Design Council's Millennium Products status for innovation in connecting to hollow section, the Hollo-Bolt also has third party endorsements from Corus and the UK's Steel Construction Institute. The Hollo-Bolt offers a tremendous reduction in installation time and costs over traditional methods, as well as giving the specifier absolute confidence through guaranteed loads with a built in factor of safety. For aggresive environments, the Hollo-Bolt comes with JS500 protection as standard and is available in stainless steel if the application demands.

Advantages

- Fast installation
- Range of head styles
- Available in stainless steel
- Special collapse feature on M16 and M20
- Lower installation costs over traditional methods

Typical applications

- Primary Steelwork
- Cladding
- Secondary Steelwork
- Electrical Equipment
- Mechanical Handling Equipment
- Blast Walling
- Lifting Gear
- HVAC Equipment
- Fire Protection Systems
- Wall Ties

Lindapter Hollo-Bolt   Zinc Plated

VJT Code	Description	Bolt Ø x Length (mm)	Clamping Thickness (mm)	Hole Ø (mm)	Installation Torque (Nm)	Rec. Tensile load* (kN)	Box Qty
24200010	HB08-1 BZP	8 x 50	3 - 22	15	23	4.0	100
24200012	HB08-2 BZP	8 x 70	22 - 41	15	23	4.0	100
24200030	HB10-1 BZP	10 x 55	3 - 22	19	45	6.0 - 8.5	50
24200032	HB10-2 BZP	10 x 75	22 - 41	19	45	6.0 - 8.5	50
24200034	HB10-3 BZP	10 x 90	41 - 60	18	45	6.0 - 8.5	50
24200050	HB12-1 BZP	12 x 60	3 - 25	21	80	6.5 - 10.5	50
24200055	HB12-2 BZP	12 x 90	25 - 47	21	80	6.5 - 10.5	50
24200057	HB12-3 BZP	12 x 100	47 - 69	21	80	6.5 - 10.5	50
24200070	HB16-1 BZP	16 x 75	12 - 29	28	190	8.0 - 21.0	25
24200075	HB16-2 BZP	16 x 100	29 - 50	28	190	8.0 - 21.0	25
24200077	HB16-3 BZP	16 x 120	50 - 71	28	190	8.0 - 21.0	25
24200090	HB20-1 BZP	20 x 90	12 - 34	33	300	12.5 - 35.0	20

*See foot note below and website for details.

Lindapter Hollo-Bolt   Stainless Steel

VJT Code	Description	Bolt Ø x Length (mm)	Clamping Thickness (mm)	Hole Ø (mm)	Installation Torque (Nm)	Rec. Tensile load* (kN)	Box Qty
24200020	HB08-1 316SS	8 x 50	3 - 22	15	23	4.0	1
24200040	HB10-1 316SS	10 x 55	3 - 22	19	45	6.0 - 8.5	1
24200080	HB16-1 316SS	16 x 75	12 - 29	28	190	8.0 - 21.0	1

*See foot note below and website for details.

* Safe Working Loads for the Hollo-Bolt are dependent upon the yield strength of the hollow section steel particularly with some of the lighter sections. Safe working loads shown above have been determined through testing in material with minimum yield strength of 275 N/mm².
Use of steel with lower yield strength will result in lower safe working loads. Refer to the Technical Data Sheet for more information.

Technical Support: 01233 652520   Web: www.vjtechnology.com

2420 - Lindapter Multiwedge & Alphawedge

Description

Multiwedge 2 enables quick and easy suspension of building services from Kingspan MD60 and MD80 composite steel/concrete floor decking. It eliminates the need for shot firing or drilling and hence preserves the strength of the floor decking by avoiding any potential damage.

Multiwedge Type MW2

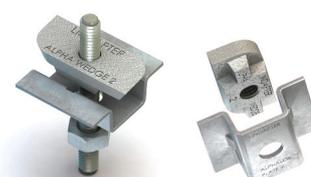| VJT Code	Description	Bolt Ø 8.8	Installation Torque (Nm)	RecTensile Load* (kN)	Box Qty
24200110	Multiwedge 2 BZP M6	M6	10	1.4	50
24200120	Multiwedge 2 BZP M8	M8	10	1.4	50
24200130	Multiwedge 2 BZP M10	M10	10	1.4	50

*See website for further data.

The Alphawedge (AW) is designed to lock quickly and securely into the re-entrant channel of Alphalok or Ribdeck AL decking. The product consists of two parts - a wedge and a plate and has a Safe Working Load of 1kN.

Alphawedge Type MW2

VJT Code	Description	Bolt Ø 8.8	Installation Torque (Nm)	RecTensile Load* (kN)	Box Qty
24200140	Alphawedge BZP M6	M6	10	1.0	200
24200150	Alphawedge BZP M8	M8	10	1.0	200
24200160	Alphawedge BZP M10	M10	10	1.0	200
24200350	Alphawedge 2 BZP M6	M6	10	1.0	200
24200360	Alphawedge 2 BZP M8	M8	10	1.0	200
24200370	Alphawedge 2 BZP M10	M10	10	1.0	200

*See website for further data.

Lindapter Multiwedge & Alphawedge Lindapter Clamp A

VJT Code	Description	Bolt Ø 8.8	Tail Length (mm)	Installation Torque (Nm)	Rec. Tensile load* (kN)	Box Qty
24200170	Clamp M10 Type A Short Tail BZP	M10	4	20	1.5	100
24200180	Clamp M10 Type A Medium BZP	M10	5	20	1.5	100
24200190	Clamp M10 Type A Long Tail BZP	M10	7	20	1.5	100
24200200	Clamp M12 Type A Short Tail BZP	M12	4.5	69	5.8	100
24200210	Clamp M12 Type A Medium Tail BZP	M12	6	69	5.8	100
24200220	Clamp M12 Type A Long Tail BZP	M12	9.5	69	5.8	100
24200230	Clamp M16 Type A Short Tail BZP	M16	5.5	147	7.3	50
24200240	Clamp M16 Type A Medium Tail BZP	M16	8	147	7.31	50
24200250	Clamp M16 Type A Long Tail BZP	M16	11	147	7.3	50

*See website for further data.

Lindapter Multiwedge & Alphawedge Lindapter Clamp B

VJT Code	Description	Bolt Ø 8.8	Tail Length (mm)	Installation Torque (Nm)	Rec. Tensile load* (kN)	Box Qty
24200260	Clamp M10 Type B Short Tail BZP	M10	4	20	1.5	100
24200270	Clamp M10 Type B Medium BZP	M10	5	20	1.5	100
24200280	Clamp M10 Type B Long Tail BZP	M10	7	20	1.5	100
24200290	Clamp M12 Type B Short Tail BZP	M12	4.5	69	5.8	100
24200300	Clamp M12 Type B Medium Tail BZP	M12	6	69	5.8	100
24200310	Clamp M12 Type B Long Tail BZP	M12	9.5	69	5.8	100
24200320	Clamp M16 Type B Short Tail BZP	M16	5.5	147	7.3	50
24200330	Clamp M16 Type B Medium Tail BZP	M16	8	147	7.3	50
24200340	Clamp M16 Type B Long Tail BZP	M16	11	147	7.3	50

*See website for further data.

Lindapter Multiwedge & Alphawedge Lindapter Type LR Self Adjusting Clamp

VJT Code	Description	Bolt Ø 8.8	Tail Length (mm)	Installation Torque (Nm)	Rec. Tensile load* (kN)	Box Qty
24200350	Type LR Self Adjust Clamp M10 BZP	M10	3 - 10	20	1.5	50
24200360	Type LR Self Adjust Clamp M12 BZP	M12	3 - 12	20	5.8	50
24200370	Type LR Self Adjust Clamp M16 BZP	M16	3 - 16	20	7.3	25

*See website for further data.

Lindapter Multiwedge & Alphawedge — Lindapter Type CF High friction Clamp M12

VJT Code	Description	Bolt Ø 8.8	Installation Torque (Nm)	RecTensile Load* (kN)	Box Qty
24200380	Type CF High Friction Clamp M12 BZP	M12	90	8.5	50

*See website for further data.

Lindapter Multiwedge & Alphawedge — Lindapter CW Clipped Washer

VJT code	Description	Bolt Ø	Thickness (mm)	Box Qty
24200390	CW Clipped Washer M10 BZP	M10	2	250
24200400	CW Clipped Washer M12 BZP	M12	2.5	250
24200410	CW Clipped Washer M106BZP	M16	3	250

Lindapter Multiwedge & Alphawedge — Lindapter Packer

VJT code	Description	Bolt Ø	Thickness (mm)	Box Qty
24200420	Type P1 Packer Short M10 BZP	M10	5	250
24200430	Type P1 Packer Short M12 BZP	M12	6	250
24200440	Type P2 Packer Short M10 BZP	M10	10	250
24200450	Type P2 Packer Short M12 BZP	M12	12	250

*See website for further data.

Lindapter Multiwedge & Alphawedge — Lindapter TR60 Wedge

VJT Code	Description	Bolt Ø 8.8	Installation Torque (Nm)	RecTensile Load* (kN)	Box Qty
24200460	Type TR60 M6 BZP	M6	10	1.0	50
24200470	Type TR60 M8 BZP	M8	10	1.0	50
24200480	Type TR60 M10 BZP	M10	10	1.0	50

*See website for further data.

2430 - Blind Bolt

Description

The Blind Bolt brings exceptional qualities to the market in that it has transcended the first generation of blind fixings to become a product that is changing the way architects and builders alike approach their designs.

These bolts are ideal for fastening to hollow objects where access is impossible to the reverse side such as in tubular steel or box section. Blind bolts are mainly used in the construction industry for fastening objects to steelwork and are made from high tensile steel, zinc and yellow passivate coated for good protection against corrosion.

Blind Bolts are removable and reusable and no oversize holes or special tools are required. There is also a slot in the head to hold it with a screwdriver whilst the nut is tightened.

Thanks to the unique flexibility of the Blind Bolt, the applications where the product can save time and money, are wide and varied.

Blind Bolt — Zinc Plated

VJT Code	Description	Thread Ø	Hole Ø (mm)	Fixing Thickness (mm)	Anchor Clearance (mm)	Depth Clearance (mm)	Box Qty
24300040	Blind Bolt BZP M12 x 70	M12	13	12 - 35	26	35	20
24300050	Blind Bolt BZP M16 x 90	M16	17	13 - 43	36	43	20

The full range of Blind Bolts from M8 to M24 are available on request. Please call or view website for further information.
For load capacity see website.