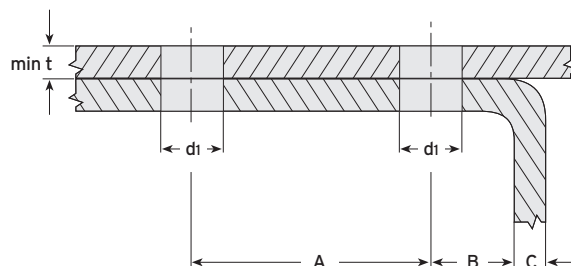


Hollo-Bolt Preparation and Installation

Please ensure that the holes are drilled into both the fixture and the section according to the drilling guidance below. Please note that the holes are slightly larger than standard bolt clearance holes to accommodate the sleeve and cone.

Hexagonal and Countersunk

Type	Outer Ply	min t mm	Clearance Hole Ø	Hole Distances		Edge Distances
				min A mm	min B mm	
HB08	HBCSK08	-	14 (+1.0/-0.2)	35	13	> 17.5
HB10	HBCSK10	-	18 (+1.0/-0.2)	40	15	> 22.5
HB12	HBCSK12	-	20 (+1.0/-0.2)	50	18	> 25.0
HB16	HBCSK16	8	26 (+2.0/-0.2)	55	20	> 32.5
HB20	-	8	33 (+2.0/-0.2)	70	25	> 33.0



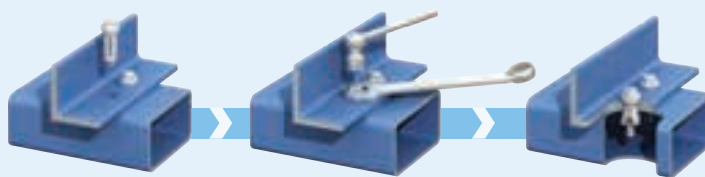
► Sizes M16 and M20 require outer ply thickness (min t) to be at least 8mm.



How to install...

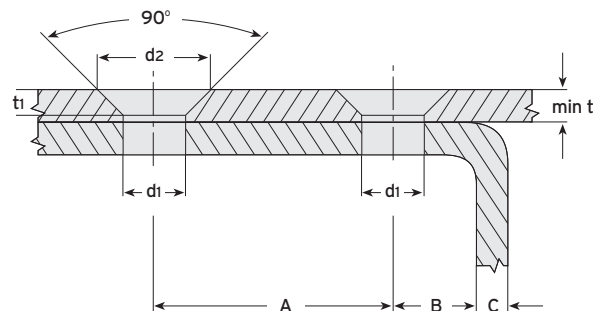
- 1) Align pre-drilled fixture and section then insert the Hollo-Bolt^{a)}.
- 2) Grip Hollo-Bolt collar with an open ended spanner.
- 3) Using a calibrated torque wrench, tighten the central bolt to the recommended torque^{b)}.

► Watch the Hollo-Bolt installation video at www.Lindapter.com



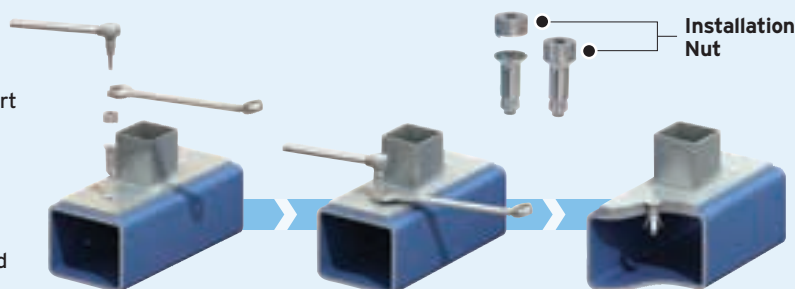
Flush Fit

Type	Outer Ply min t mm	Clearance Hole Ø d ₁ mm	Countersunk		Hole Distances		Edge Distances B + C mm
			d ₂ mm	t ₁ mm	min A mm	min B mm	
HBFF08	8	14 (+1.0/-0.2)	27	6.5	35	13	> 17.5
HBFF10	10	18 (+1.0/-0.2)	31	6.5	40	15	> 22.5
HBFF12	10	20 (+1.0/-0.2)	35	7.5	50	18	> 25.0



How to install...

- 1) Align pre-drilled fixture and section then insert the Hollo-Bolt^{a)}.
- 2) Apply the installation nut and grip with an open ended spanner.
- 3) Using a calibrated torque wrench, tighten the central countersunk bolt to the recommended torque^{b)}.



Notes:

- a) Before tightening, ensure that the materials that are to be connected together are touching. See **page 42** for tightening torque.
- b) Power tools, such as an impact wrench, may be used to speed up the tightening of the Hollo-Bolt. However, when using power tools, always complete the tightening process with a calibrated torque wrench to ensure the correct torque is applied to the Hollo-Bolt.