

## Holo-Bolt High Clamping Force

Lindapter Holo-Bolts are available in two versions; the original standard design for general hollow section connections and larger sized High Clamping Force (HCF) for higher strength structural connections.

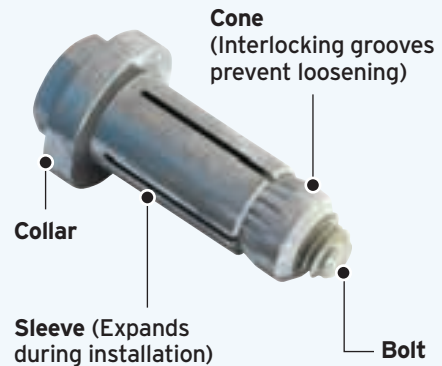
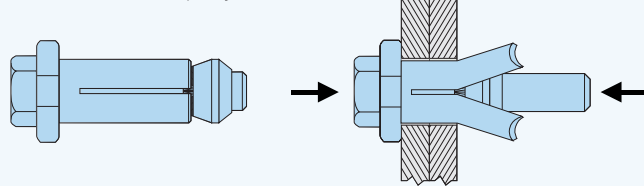
### SIZES M8, M10 AND M12

#### Standard Holo-Bolt

A typical connection is made by inserting the Holo-Bolt into the pre-drilled holes of the fixture and hollow section. As the bolt head is tightened, the cone is pulled up the bolt thread, causing the sleeve to expand until the cone locks the sleeve against the hollow section's inner wall.

At full tightening torque, a clamping force is established between the fixture and the steel section to form a secure connection. Once installed, only the head and collar are visible.

→ ← = Clamping Force



See how to install the Holo-Bolt on page 44 or watch the video at [www.Lindapter.com](http://www.Lindapter.com)



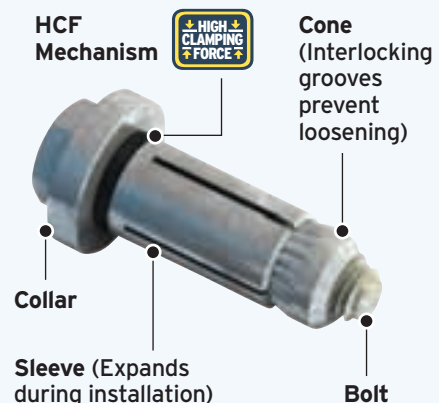
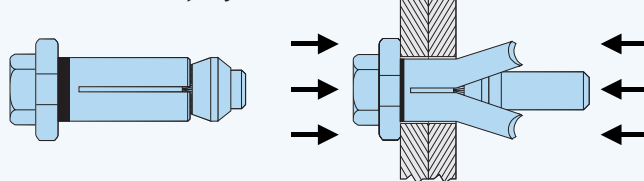
### SIZES M16 AND M20

#### Holo-Bolt HCF

By working closely with Structural Engineers and Steel Fabricators, Lindapter identified the need for the larger M16 and M20 Holo-Bolts to have an increased clamping force suitable for higher strength structural connections. This led to Lindapter's invention of the High Clamping Force (HCF) design, optimised for superior performance.

The HCF mechanism consists of a special rubber washer that compresses during installation to significantly increase the clamping force between the connecting steelwork, when compared to a product of the same size without the mechanism, thereby reducing displacement.

→ ← = Clamping Force



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