

■ Design Tips – Column Base Plate

The ILB® system is formed by a standard range of ILB® Beams connected using fitting plates welded on and then bolted together. The fitting plates may vary slightly depending on the beam selected and the type of connection required.

However, there are a standard range of plates from which to select. Plates outside of this standard range will incur an extra charge and are subject to longer leadtimes.

To assist the design process, ILB has produced a set of design tips.

This ILB design tip relates to the specification of the **column base plate**. Whilst an ILB base plate is a standard design, the size of the beam and the subsequent RHS used will affect the overall layout of the Base plate. Following are generic measurements to assist you to select the correct sized plate and accurate bolt hole placement.

Base Plate Connection

Standard Plate	200, 250, 300 x 16mm
Holes	4 @26mm
Hole Position	A = 50mm out from the RHS B = 35mm from side

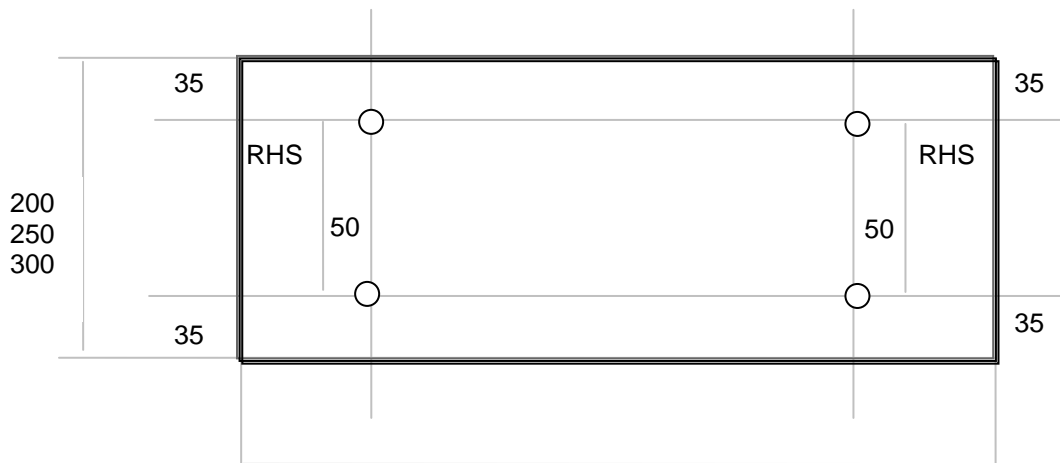


Plate length = Beam Width