Ancon Steelgrip

Ancon Steelgrip is designed for fixing Ancon masonry support systems to square or rectangular hollow steel sections. It can also be used with other steel sections where access is only available from the front.

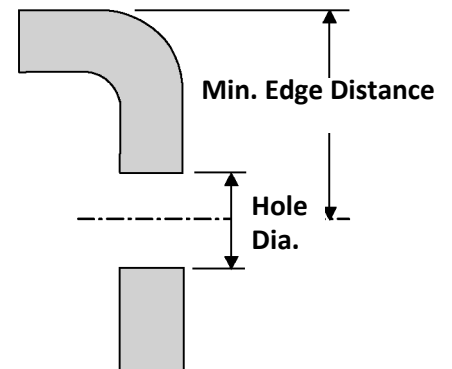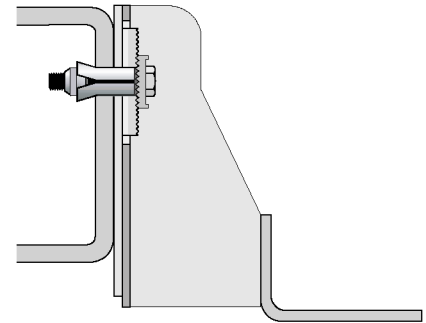It is a high performance fixing available in one size (M12).

Steelgrip includes a serrated washer, which matches the serrations at the back of the Ancon bracket. With the bracket in position, Steelgrip is inserted through the vertical slot in the bracket and into the pre-drilled hole in the Hollow Section. It is then simply tightened to the correct torque.
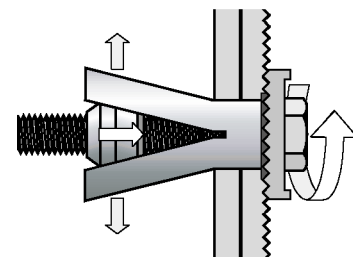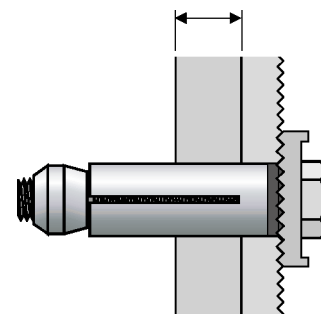
Performance

The design resistances shown in the table below are static loads in either tension or shear.

Installation

1. Drill a hole in the steel member. See table below for hole diameter and minimum edge distance.

2. With the bracket in place, insert the Steelgrip through the vertical slot ensuring that the serrations on the washer are horizontal and will mesh with the serrations at the back of the bracket.

3. Adjust the height of the bracket, and if necessary insert shims behind the bracket up to a maximum thickness of 16mm. An isolation membrane will normally be positioned between the face of the steel edge member and the stainless steel bracket/ shim.

4. Tighten the Steelgrip to required torque using a calibrated torque wrench. See table below for tightening torque.

Min. Edge Distance

Hole Dia.

5mm-28mm Including Shims

TECHNICAL DATA	M12
Resistance Tension	20.3kN
Resistance Shear	13.5kN
Hole Diameter	20mm
Min. Edge Distance	28mm
Tightening Torque	80Nm