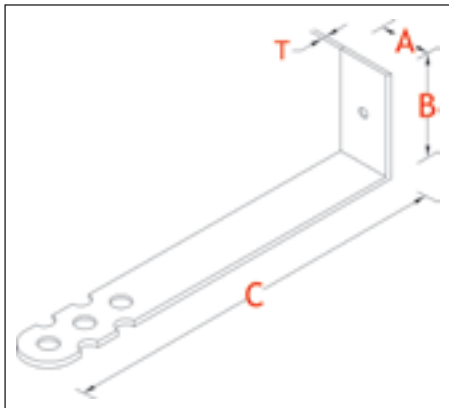


## Frame Cramps and Channel Ties

Frame cramps with a single 7mm diameter hole or an 8mm x 30mm vertical slot can be fixed to concrete, steelwork or masonry. M6 Single Expansion bolts are recommended for fixing to concrete, setscrews or self-drilling screws for steelwork, and suitable plugs and screws for fixing to masonry. Poor substrates will limit the capacity of frame cramps and site treating is advisable in some cases. The performance will also be determined by the position of the fixing. Channel ties fixed to steelwork or concrete at the lowest point of slot will have a safe working load of approximately 1kN. The capacity will reduce as the fixing is moved further away from the bend and greater movement shall be expected than with other wall ties.

### Block Ties Frame Cramps

#### Three-Hole Block Tie



Item Number	Description	Dimensions B x A x C x T (mm)	Material
SOBTL_F_00041440	Three - Hole Block Tie	30x50x150x1.50	Galvanized
SOBTL_F_00100265	Three - Hole Block Tie	20x30x150x3.00	Galvanized
SOBTL_F_00100277	Three - Hole Block Tie	20x30x250x3.00	Galvanized
SOBTL_F_00066019	Three - Hole Block Tie	20x30x255x3.00	Galvanized
SOBTL_F_00041352	Three - Hole Block Tie	25x30x150x1.50	Galvanized
SOBTL_F_00081473	Three - Hole Block Tie	25x30x200x1.50	Galvanized
SOBTL_F_00062449	Three - Hole Block Tie	25x30x200x1.80	Galvanized
SOBTL_F_00041382	Three - Hole Block Tie	25x30x200x2.00	Galvanized
SOBTL_F_00078877	Three - Hole Block Tie	30x40x200x1.50	Galvanized
SOBTL_F_00082981	Three - Hole Block Tie	30x40x200x2.00	Galvanized
SOBTL_F_00041418	Three - Hole Block Tie	30x40x300x2.00	Galvanized
SOBTL_F_00058771	Three - Hole Block Tie	25x30x200x2.00	SS A4 (Stainless Steel)
SOBTL_F_00062455	Three - Hole Block Tie	30x50x150x1.50	SS A4 (Stainless Steel)
SOBTL_F_00076763	Three - Hole Block Tie	30x50x200x1.50	SS A4 (Stainless Steel)
SOBTL_F_00108093	Three - Hole Block Tie	20x30x150x3.00	SS A6 (Stainless Steel)
SOBTL_F_00108099	Three - Hole Block Tie	20x30x250x3.00	SS A6 (Stainless Steel)
SOBTL_F_00100233	Three - Hole Block Tie	20x30x255x3.00	SS A6 (Stainless Steel)
SOBTL_F_00103203	Three - Hole Block Tie	25x30x200x2.00	SS A6 (Stainless Steel)