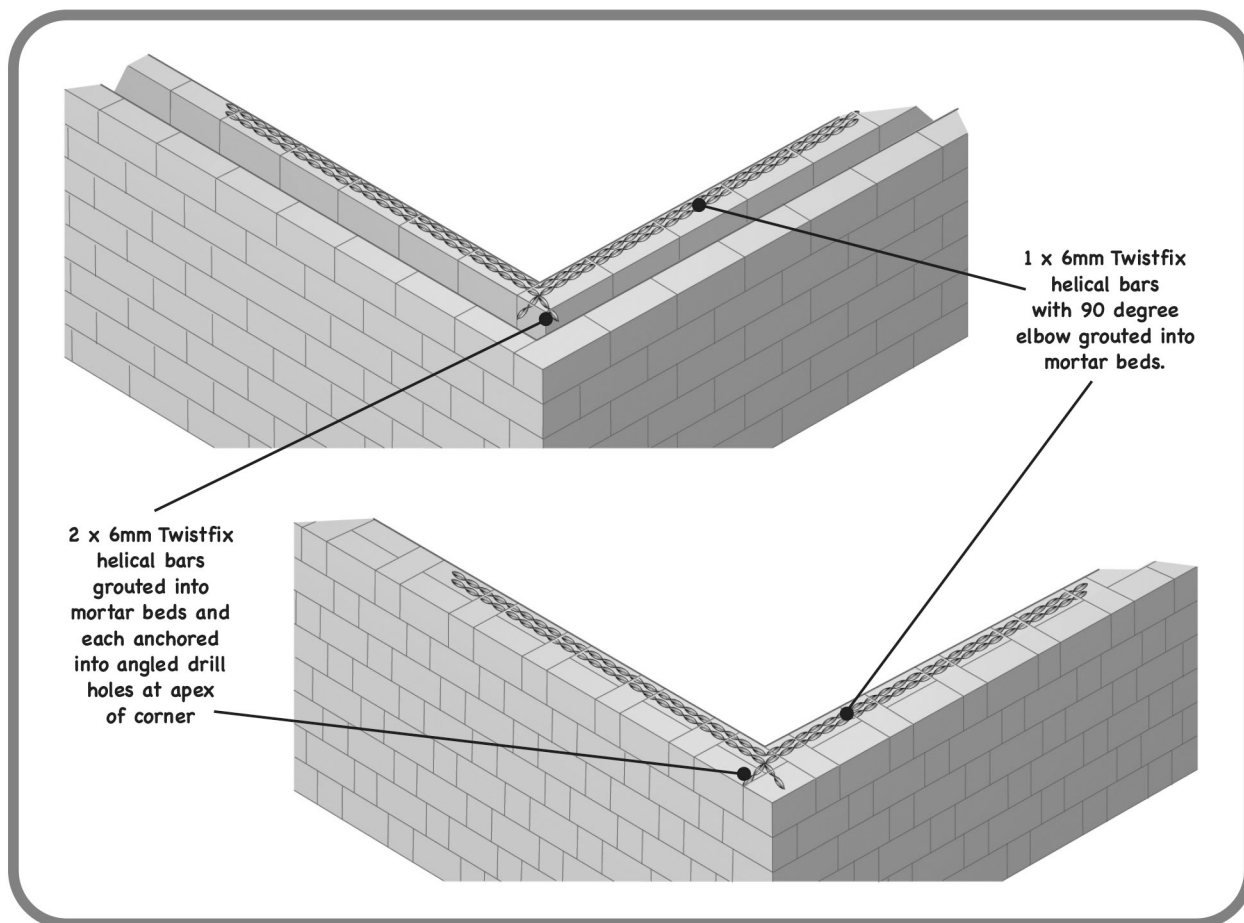


# Bed Joint Reinforcement – Internal Corners



## METHOD STATEMENTS & NOTES

1. Remove section of mortar to full height of bed joints at 300-450mm intervals.  
Drill 12mm anchorage holes at corner apex.  
Flush with clean water and bond a pair of 6mm Twistfix helical bars into anchorage points and along mortar bed using WHO-60 grout. Bond near-most reinforcement bar with 90mm bend into each slot and make good.

Depth of the slots should be 40mm on a half brick single leaf and 55mm on a full brick solid leaf.

## REINFORCEMENT SPECIFICATION

- Material: 304 Series Stainless Steel
- Ult.Tensile Strength: 1025-1225N/mm<sup>2</sup>
- Nominal CSA: 6mm Bar = 8mm<sup>2</sup>

## GROUT SPECIFICATION AT 28 DAYS

- Compressive Strength: 55N/mm<sup>2</sup>
- Tensile Strength: 5N/mm<sup>2</sup>
- Flexural Strength: 12N/mm<sup>2</sup>
- Youngs Modulus: 13N/mm<sup>2</sup>

Engineers, surveyors and contractors should refer to BRE Good Building Guide 62 and the BRE Load Tables for retrofit masonry beams formed by Twistfix helical bars set in WHO-60 grout.