

Through Bolt Expanding Bolt Fixings  
Plated Bolt



Low cost, designed for indoor work or non-corrosive outdoor applications.

The simplest, quickest bolt fixing available. The mounting hole is drilled through the fixture thus eliminating the need for marking out. Ideal for securing heavy or awkward fixtures to concrete and stone, (with a minimum strength 20N/mm<sup>2</sup>) particularly where high shear load capabilities are required. BBA approved.

488936

|           | Max. Fixing Thickness | Hole Diameter | Order Code | Price Each |
|-----------|-----------------------|---------------|------------|------------|
| Bolt Size | (mm)                  | (mm)          |            |            |
| M6        | 12                    | 6.5           | 144-0429   |            |
| M6        | 36                    | 6.5           | 144-0430   |            |
| M8        | 15                    | 9             | 144-0431   |            |
| M8        | 40                    | 9             | 144-0432   |            |
| M10       | 5                     | 11            | 144-0434   |            |
| M10       | 16                    | 11            | 144-0435   |            |
| M10       | 32                    | 11            | 144-0436   |            |
| M10       | 52                    | 11            | 144-0437   |            |
| M12       | 5                     | 13            | 144-0438   |            |
| M12       | 24                    | 13            | 144-0439   |            |
| M12       | 44                    | 13            | 144-0440   |            |
| M12       | 58                    | 13            | 144-0441   |            |
| M12       | 73                    | 18            | 144-0442   |            |
| M16       | 5                     | 18            | 144-0443   |            |
| M16       | 40                    | 22            | 144-0444   |            |
| M20       | 40                    | 22            | 144-0446   |            |