

## SHIELD ANCHORS - Loose Bolt

| Code      | Size     | Anchor Hole Size | Shield Length | Thread Diameter | Fastens Up To | Bolt Length | Min Hole Depth | Qty Per Box | Qty Per Outer | Weight Kg Per 100 | Price £ Per 100 |
|-----------|----------|------------------|---------------|-----------------|---------------|-------------|----------------|-------------|---------------|-------------------|-----------------|
| 0865L610  | M6 x 10  | 12               | 45            | 6               | 10            | 55          | 50             | 50          | 600           | 3.12              | 56.67           |
| 0865L625  | M6 x 25  | 12               | 45            | 6               | 25            | 70          | 50             | 50          | 600           | 3.36              | 74.60           |
| 0865L640  | M6 x 40  | 12               | 45            | 6               | 40            | 85          | 50             | 50          | 600           | 3.64              | 78.06           |
| 0865L810  | M8 x 10  | 14               | 50            | 8               | 10            | 65          | 55             | 50          | 450           | 5.52              | 84.98           |
| 0865L825  | M8 x 25  | 14               | 50            | 8               | 25            | 80          | 55             | 50          | 300           | 5.96              | 93.67           |
| 0865L840  | M8 x 40  | 14               | 50            | 8               | 40            | 95          | 55             | 50          | 300           | 6.48              | 106.40          |
| 0865L1010 | M10 x 10 | 16               | 60            | 10              | 10            | 75          | 65             | 50          | 200           | 9.44              | 174.67          |
| 0865L1025 | M10 x 25 | 16               | 60            | 10              | 25            | 90          | 65             | 50          | 200           | 11.12             | 182.20          |
| 0865L1050 | M10 x 50 | 16               | 60            | 10              | 50            | 115         | 65             | 50          | 200           | 11.32             | 188.36          |
| 0865L1075 | M10 x 75 | 16               | 60            | 10              | 75            | 140         | 65             | 25          | 150           | 12.56             | 196.15          |
| 0865L1210 | M12 x 10 | 20               | 75            | 12              | 10            | 90          | 85             | 25          | 150           | 16.96             | 269.32          |
| 0865L1225 | M12 x 25 | 20               | 75            | 12              | 25            | 105         | 85             | 25          | 100           | 17.84             | 277.18          |
| 0865L1240 | M12 x 40 | 20               | 75            | 12              | 40            | 120         | 85             | 25          | 100           | 19.04             | 300.62          |
| 0865L1260 | M12 x 60 | 20               | 75            | 12              | 60            | 140         | 85             | 25          | 100           | 20.48             | 316.23          |
| 0865L1615 | M16 x 15 | 25               | 115           | 16              | 15            | 135         | 125            | 10          | 60            | 38.20             | 594.57          |
| 0865L1630 | M16 x 30 | 25               | 115           | 16              | 30            | 150         | 125            | 10          | 60            | 41.40             | 653.94          |
| 0865L1660 | M16 x 60 | 25               | 115           | 16              | 60            | 180         | 125            | 10          | 60            | 44.40             | 683.05          |



## SHIELD ANCHORS - Projecting Bolt

| Code      | Size     | Anchor Hole Size | Shield Length | Thread Diameter | Fastens Up To | Bolt Length | Min Hole Depth | Qty Per Box | Qty Per Outer | Weight Kg Per 100 | Price £ Per 100 |
|-----------|----------|------------------|---------------|-----------------|---------------|-------------|----------------|-------------|---------------|-------------------|-----------------|
| 0865P610  | M6 x 10  | 12               | 45            | 6               | 10            | 65          | 50             | 50          | 600           | 3.00              | 53.66           |
| 0865P625  | M6 x 25  | 12               | 45            | 6               | 25            | 80          | 50             | 50          | 600           | 3.37              | 60.60           |
| 0865P660  | M6 x 60  | 12               | 45            | 6               | 60            | 115         | 50             | 50          | 600           | 3.92              | 62.07           |
| 0865P810  | M8 x 10  | 14               | 50            | 8               | 10            | 75          | 55             | 50          | 300           | 6.54              | 69.93           |
| 0865P825  | M8 x 25  | 14               | 50            | 8               | 25            | 90          | 55             | 50          | 300           | 6.74              | 75.79           |
| 0865P860  | M8 x 60  | 14               | 50            | 8               | 60            | 125         | 55             | 50          | 300           | 7.80              | 79.26           |
| 0865P1015 | M10 x 15 | 16               | 60            | 10              | 15            | 90          | 65             | 50          | 200           | 10.50             | 105.94          |
| 0865P1030 | M10 x 30 | 16               | 60            | 10              | 30            | 105         | 65             | 50          | 200           | 11.50             | 111.87          |
| 0865P1060 | M10 x 60 | 16               | 60            | 10              | 60            | 135         | 65             | 25          | 200           | 13.00             | 114.26          |
| 0865P1215 | M12 x 15 | 20               | 75            | 12              | 15            | 110         | 85             | 25          | 150           | 16.70             | 183.66          |
| 0865P1230 | M12 x 30 | 20               | 75            | 12              | 30            | 125         | 85             | 25          | 150           | 18.80             | 198.92          |
| 0865P1275 | M12 x 75 | 20               | 75            | 12              | 75            | 170         | 85             | 10          | 150           | 21.20             | 227.94          |
| 0865P1615 | M16 x 15 | 25               | 115           | 16              | 15            | 150         | 125            | 10          | 60            | 34.70             | 446.68          |
| 0865P1635 | M16 x 35 | 25               | 115           | 16              | 35            | 170         | 125            | 10          | 60            | 38.20             | 539.75          |
| 0865P1675 | M16 x 75 | 25               | 115           | 16              | 75            | 210         | 125            | 10          | 60            | 44.80             | 809.57          |



## Technical Information Shield Anchors - Loose &amp; Projecting Bolt

| Thread Diameter (size) | Hole Diameter (mm) | Hole Depth (mm) | Fixture Clearance Hole (mm) | Centre Spacing (mm) | Edge Distance (mm) | Rec Tensile Load kN | Rec Shear Load kN | Rec Tight Torque Nm |
|------------------------|--------------------|-----------------|-----------------------------|---------------------|--------------------|---------------------|-------------------|---------------------|
| M6                     | 12                 | 50              | 7-8                         | 120                 | 80                 | 3.3                 | 2.1               | 6.5                 |
| M8                     | 14                 | 55              | 9-10                        | 150                 | 100                | 4.8                 | 4.4               | 15                  |
| M10                    | 16                 | 65              | 11-12                       | 180                 | 120                | 6.2                 | 6.1               | 27                  |
| M12                    | 20                 | 85              | 13-14                       | 250                 | 160                | 9.7                 | 12.4              | 50                  |
| M16                    | 25                 | 125             | 17-18                       | 290                 | 190                | 21.3                | 27.6              | 120                 |

For loads for 30 N/mm<sup>2</sup> CONCRETE