

Stainless Steel Throughbolts



Stainless steel throughbolts provide a simple and effective mechanical anchoring solution for fixing steelwork, handrails, barriers, architectural components and infrastructure equipment to concrete and masonry substrates.

Material

A4 Stainless Steel (316).

Sizes

M8–M24.

Specific Features

- Expansion sleeve anchoring mechanism
- Pre-assembled for rapid installation
- Wide range of diameters and lengths

Performance

- High tensile strength
- Immediate load carrying capability
- Suitable for dynamic and static loading
- Proven long-term durability
- Suitable for exposed environments

Typical Applications

- Masonry support systems
- Windposts and lateral support systems
- GRC support brackets
- Façade support structures
- Curtain walling support brackets
- Stone cladding support systems
- Bridge parapets and safety barriers
- Coastal and marine infrastructure

Installation Notes

- Anchor performance is dependent upon substrate condition and strength
- Edge distance and anchor spacing should be considered during design
- Installation should be in accordance with manufacturer recommendations

Dimensions & Design

- Mechanical expansion anchor system
- Pre-assembled anchor, nut and washer
- Integrated expansion sleeve mechanism
- Wide range of diameters and embedment depths available
- Suitable for concrete and masonry substrates

Dimensions (mm)			
Anchor Dia. (A)	Hole Dia. (E)	Typical Embedment Depth (D)	Available Lengths (B)
M8	10	50-80	60-200
M10	12	60-90	70-250
M12	14	70-110	80-300
M16	18	90-140	100-350
M20	22	110-170	120-400
M24	26	125-200	150-450

