

FEATURES

- High performance captive stud through bolt anchor
- Throughbolt is a torque controlled anchor suitable for use in non-cracked concrete over C20/25
- Available in a range of sizes
- ETA option 7 approved
- Fast and secure fitting
- A4-316 grade stainless steel - corrosion resistance
- Suitable for use in concrete over 20N/mm²

RS PRO Stainless Steel Masonry Fixing M12, fixing hole diameter 12mm, length 105mm

RS Stock No.: 622-1988



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

RS PRO range of captive stud through bolt anchors which are made of A4-316 grade stainless steel. This through bolt is suitable for use in concrete with a compressive strength greater than 20N/mm²

Stainless steel through bolt range includes the following sizes:

[622-1922](#) - M8x50

[622-1944](#) - M8x75

[622-1950](#) - M8x95

[622-1966](#) - M10x85

[622-1972](#) - M10x125

[622-1994](#) - M12x85

[622-1988](#) - M12x100

[622-2004](#) - M12x145

[622-2010](#) - M16x125

[622-2105](#) - M16x175

General Specifications

Thread Size	M12
Type	Captive Stud Through Bolt Anchor
Material	Stainless Steel
Application	Outdoor seating; Handrails; Barriers; Warehouse racking; Facade systems
Grade	316 A4

Mechanical Specifications

Length	105mm
Fixing Hole Diameter	12mm
Maximum Fixing Thickness	10mm
Eye Inside Diameter	10; 12; 17mm
Hook Inside Diameter	8; 12; 16mm
Internal Thread Length	15mm
Minimum Hole Depth	90mm
Thread Length	10mm
Thread Diameter	10mm
Anchor Length	80mm
Maximum Fixture Thickness	10mm
Fixture Clearance Hole	12mm
Embed Depth	60mm
Structure Thickness	105mm
Installation Torque	30Nm
Maximum Load	77kg
Edge Clearance	50mm
Centre-to-Centre Distance	100mm
Nominal Tensile Strength	880N/mm ²
Yield Strength	755N/mm ²
Stressed Cross-Section	39.6mm ²
Moment Of Resistance	35 ³
Characteristics Bending Resistance	37Nm

Operation Environment Specifications

Minimum Temperature Resistance	-40°C
Maximum Temperature Resistance	80°C

Approvals

Compliance/Certifications	CE / UR / cUR
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