

## 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/mm<sup>2</sup>

## RS PRO Stainless Steel Bolt Anchor M8, fixing hole diameter 8mm, length 75mm

RS Stock No.: 622-1944



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/mm<sup>2</sup>

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

<b>Thread Size</b>	M8
<b>Type</b>	Captive Stud Through Bolt Anchor
<b>Material</b>	Stainless Steel
<b>Application</b>	Outdoor seating; Handrails; Barriers; Warehouse racking; Facade systems
<b>Grade</b>	316 A4

## Mechanical Specifications

<b>Length</b>	75mm
<b>Fixing Hole Diameter</b>	8mm
<b>Maximum Fixing Thickness</b>	10mm
<b>Eye Inside Diameter</b>	10; 12; 17mm
<b>Hook Inside Diameter</b>	8; 12; 16mm
<b>Internal Thread Length</b>	15mm
<b>Minimum Hole Depth</b>	65mm
<b>Thread Length</b>	10mm
<b>Thread Diameter</b>	10mm
<b>Anchor Length</b>	80mm
<b>Maximum Fixture Thickness</b>	10mm
<b>Fixture Clearance Hole</b>	12mm
<b>Embed Depth</b>	60mm
<b>Structure Thickness</b>	105mm
<b>Installation Torque</b>	30Nm
<b>Maximum Load</b>	77kg
<b>Edge Clearance</b>	50mm
<b>Centre-to-Centre Distance</b>	100mm
<b>Nominal Tensile Strength</b>	880N/mm <sup>2</sup>
<b>Yield Strength</b>	755N/mm <sup>2</sup>
<b>Stressed Cross-Section</b>	39.6mm <sup>2</sup>
<b>Moment Of Resistance</b>	35 <sup>3</sup>
<b>Characteristics Bending Resistance</b>	37Nm

## Operation Environment Specifications

<b>Minimum Temperature Resistance</b>	-40°C
<b>Maximum Temperature Resistance</b>	80°C

## Approvals

<b>Compliance/Certifications</b>	CE / UR / cUR
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