

## FEATURES

- Suitable for use in non-cracked concrete between C20/25 & C50/60
- European Technical Approval to ETAG 001-4
- Internal thread - suitable for attaching threaded studs or bolts
- Permanent socket to allow removal and replacement of fixture
- Compressive strength greater than 20N/mm<sup>2</sup>
- A deformation controlled anchor system

## RS PRO Stainless Steel Drop In Anchor M8, fixing hole diameter 10mm, length 30mm

RS Stock No.: 622-2177



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 deformation controlled anchor system for use in concrete with a compressive strength greater than 20N/mm<sup>2</sup>

Anchors available in A4 stainless steel or zinc plated and passivated steel. Options include:  
Drop In Anchor Zinc Plated and Yellow Passivated - Min 5µm

[622-2127](#) - M6

[622-2111](#) - M8

[622-2133](#) - M10

[622-2149](#) - M12

[622-2155](#) - M16

Stainless Steel Grade A4-316 Drop in anchor

[622-2161](#) - M6

[622-2177](#) - M8

[622-1720](#) - M10

[622-1736](#) - M12

[622-1758](#) - M16

Setting Tool - Drop in Anchor Setting Punches

[622-1742](#) - M6

[622-1764](#) - M8

[622-1770](#) - M10

[622-1792](#) - M12

[622-1786](#) - M16

## General Specifications

<b>Thread Size</b>	M8
<b>Type</b>	Drop In 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>	30mm
<b>Fixing Hole Diameter</b>	10mm
<b>Maximum Fixing Thickness</b>	14; 36; 75mm
<b>Eye Inside Diameter</b>	10; 12; 17mm
<b>Hook Inside Diameter</b>	8; 12; 16mm
<b>Internal Thread Length</b>	13mm
<b>Minimum Hole Depth</b>	30mm
<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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