

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/mm²
- A deformation controlled anchor system

RS PRO Stainless Steel Drop In Anchor M10, fixing hole diameter 12mm, length 40mm

RS Stock No.: 622-1720



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/mm²

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

Thread Size	M10
Type	Drop In Anchor
Material	Stainless Steel
Application	Outdoor seating; Handrails; Barriers; Warehouse racking; Facade systems
Grade	316 A4

Mechanical Specifications

Length	40mm
Fixing Hole Diameter	12mm
Maximum Fixing Thickness	14; 36; 75mm
Eye Inside Diameter	10; 12; 17mm
Hook Inside Diameter	8; 12; 16mm
Internal Thread Length	15mm
Minimum Hole Depth	40mm
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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