



FCS Series - M8/M10 Dual Thread Female Concrete Screw

PRODUCT DATASHEET | BRIGHT ZINC PLATED (BZP) | PACK OF 50

DRILL SIZE
6mm
SW13 SOCKET

FASTENERS
& FIXINGS

CONCRETE
ANCHOR

High-performance fixing solution for direct installation into concrete – no wall plug required.
M8 & M10 dual internal thread for threaded rod suspension.

Ref: DS-FCS-001 |
Rev. B | 2026-07-07

1 M8/M10 Dual Thread 6x55mm Female Concrete Screw - Pack of 50

FCS6X55.Q50



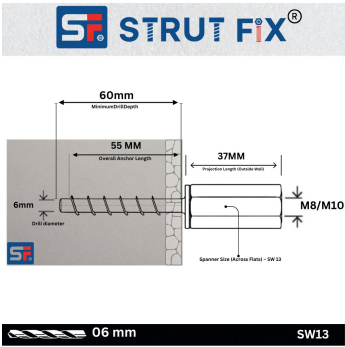
EAN
0615900000731
Weight
2.08 kg / box

TECHNICAL SPECIFICATIONS

ANCHOR LENGTH	MIN. DRILL DEPTH
55 mm	60 mm
DRILL DIAMETER	PROJECTION LENGTH
6 mm	37 mm
THREAD SIZE	SPANNER SIZE
M8 / M10	SW13
FINISH	PACK QUANTITY
BZP	50 pcs

TYPICAL APPLICATIONS

- Threaded Rod Suspension
- Cable Tray & Containment
- HVAC & Ductwork
- Pipe Supports
- Strut Channel Framing
- Overhead Installations



2 M8/M10 Dual Thread 6x35mm Female Concrete Screw - Pack of 50

FCS6X35.Q50



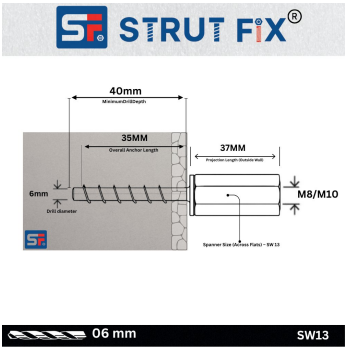
EAN
0615900000724
Weight
2.00 kg / box

TECHNICAL SPECIFICATIONS

ANCHOR LENGTH	MIN. DRILL DEPTH
35 mm	40 mm
DRILL DIAMETER	PROJECTION LENGTH
6 mm	37 mm
THREAD SIZE	SPANNER SIZE
M8 / M10	SW13
FINISH	PACK QUANTITY
BZP	50 pcs

TYPICAL APPLICATIONS

- Threaded Rod Suspension
- Cable Tray & Containment
- Ventilation Systems
- Pipe Brackets
- Commercial Ceilings
- Plant Rooms



PRODUCT COMPARISON

Specification	FCS6X35.Q50	FCS6X55.Q50
Anchor Length	35 mm	55 mm
Minimum Drill Depth	40 mm	60 mm
Drill Diameter	6 mm	6 mm
Projection Length (Outside Wall)	37 mm	37 mm
Thread Compatibility	M8 / M10	M8 / M10
Spanner Size (Across Flats)	SW13	SW13
Finish	Bright Zinc Plated (BZP)	Bright Zinc Plated (BZP)
Pack Size	50 pcs	50 pcs
Weight per Box	2.00 kg	2.08 kg
EAN	0615900000724	0615900000731
Best Suited For	Standard depth concrete fixing	Heavier loads & overhead fixing

INDEPENDENT TEST DATA — FASTENER STEEL STRENGTH (NOT TESTED IN CONCRETE)

Test (Ultimate Values)	FCS6X35.Q50	FCS6X55.Q50
Shear Load — BS EN ISO 6892-1	27.20 kN	28.15 kN
Tensile Breaking Load — BS EN ISO 6892-1	40.05 kN	40.99 kN
Point of Fracture	Broke in thread	Broke in thread
Breaking Torque — ISO 3506-1	52 Nm	50 Nm

IMPORTANT — STEEL STRENGTH VALUES, NOT CONCRETE ANCHOR CAPACITIES

The results above are ultimate values from independent UK laboratory testing of the **bare fastener itself** (steel strength). The tests were **not performed on anchors installed in concrete** and are not pull-out or embedment capacities. Load capacity in service depends on the base material, drill hole quality, embedment depth, spacing and edge distances, and must be verified for the application with an appropriate factor of safety. These figures are **not working load limits**. Test reports available on request from our technical team.

INSTALLATION GUIDE (BOTH PRODUCTS)

1 DRILL HOLE Using a hammer drill, bore a 6mm diameter hole to the required minimum depth (40mm for 35mm / 60mm for 55mm model). Ensure the drill is held perpendicular to the surface.	2 CLEAR DEBRIS Remove all dust and debris from the drilled hole using a blow pump or vacuum. A clean hole is essential for maximum embedment strength and screw performance.	3 DRIVE SCREW Using an SW13 hex socket and impact driver or drill, drive the FCS concrete screw directly into the hole. No wall plug required. Continue until the hex collar sits flush against the surface.	4 INSTALL FIXING Thread your M8 or M10 threaded rod (or other compatible component) directly into the internal female thread of the anchor. The 37mm projection accommodates most standard fittings.
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Material Quality Certificate Available

These products are manufactured to **Q/340208WHXX03-2020** standard. Cold-extruded from hot-rolled steel bar stock with Bright Zinc Plating (BZP) corrosion protection. Full mill certificates available on request from our technical team.

TENSILE STR.	YIELD STR.	ELONGATION
475-550 MPa	285-310 MPa	28%+ min.

Direct Channel UK Ltd | Strut Fix®

www.directchannel.uk.com
☎ 0121 270 8507 | Trade & Bulk Enquiries Welcome

DOCUMENT: DS-FCS-001 REV.B • FOR LATEST SPECIFICATIONS VISIT OUR WEBSITE

✓ FAST UK DISPATCH

1-2 Working Days Standard Delivery