

Assembly instructions for multi-cable supports



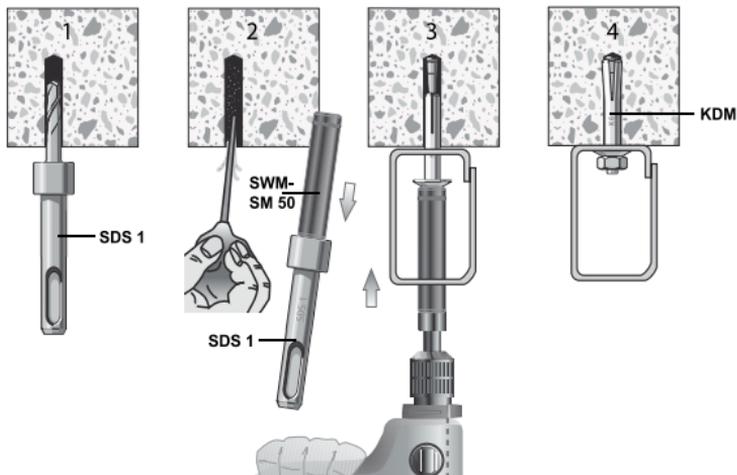
The KDM plug can be used to fasten Datwyler "E0 multi-cable supports" to concrete.

Tools: drill hammer, SDS 1 drill bit, SWM-SM 50 setting tool.

The MMS-P 7.5/45 installation bolts can be used to fasten the Datwyler "E0 multi-cable supports" to concrete, sand-lime bricks and solid bricks.

Tools: Drill with 6 mm concrete / masonry drill bit, power screwdriver with T-Drive "T40" and drill bit extension of at least 110 mm for ceiling installations.

The universal "E0 multi-cable support" can be installed on walls or ceilings. The cover is always situated on the side at the top. For ceiling installations, an assembly opening is situated on the bottom to provide access for the assembly tools.



Using KDM plugs

By using drill bit SDS1, the hole for KDM plugs is drilled to an exact seat depth of 32 mm.

To achieve this depth, drill the hole as far as it will go (also refer to assembly instructions for KDM plug).

Blow out the drilled holes with compressed air to clean them.

The SWM 50 SM setting tool is required for the installation.

The KDM plugs are inserted through the fastening hole into the drilled hole.

Do not remove the pre-assembled nut and washer!

Place the setting tool onto the SDS 1 drill bit.

Use the drill hammer to drive the plug deeper into the drilled hole and splay it apart.

E0 MULTI-CABLE SUPPORT

Assembly instructions

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Using MMS-P 7.5/45 installation bolts

Drill bit diameter 6 mm, drill hole depth > 55 mm, tighten bolts using T-Drive "40" (also refer to assembly instructions for installation bolt MMS).

Blow out the drilled holes with compressed air to clean them.

Cables can be easily inserted through the large opening into the E0 multi-cable support.

For instance, E0 multi-cable supports can hold 30 NYM 3x1.5 mm² cables.

For instance, E0 multi-cable support of type "S" can hold 15 NYM 3x1.5 mm² cables.

This clip is only intended for compliance with the special requirements with respect to fireproof fasteners above suspended ceilings in accordance with MLAR 11/2005 section 3.5.3 and does not fulfil the functional integrity requirements given in section 5.2.1.

Close the E0 multi-cable support after the cables were installed.

Cables can be easily re-inserted into the clip at any time.

The load on E0 clips in cases of fire depends on the fastener spacing.

| | | | | | | |
|---------------------------|----|-----|-----|----|-----|-----|
| Installation spacing (cm) | 30 | 40 | 50 | 60 | 70 | 80 |
| Cable weight (kg/m) | 6 | 4.5 | 3.6 | 3 | 2.6 | 2.3 |

(Not for functional integrity!)

For higher load requirements, the Datwyler Hermann clip can be used.

(for assembly instructions, see page 86)

| | | |
|---------------------------|----|-------|
| Installation spacing (cm) | 60 | 80 |
| Cable weight (kg/m) | 15 | 11.25 |

(Not for functional integrity!)