

# SAS

## Assembly instructions

### SAS single clip

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The **K6x5 plugs** can be used to fasten Datwyler SAS clips to concrete.

Tools: drill hammer, SDS 1 drill bit, Smu 6 SM setting tool

The **HMS 5/40 installation bolts** can be used to fasten the Datwyler SAS clips to concrete, sand-lime bricks and solid bricks.

Tools: Drill with 4 mm concrete / masonry drill bit and power screwdriver with T-Drive "T20"



#### Using HMS 5/40 installation bolts

Insert the installation bolt into the clip.

The shape of the bolt head prevents it from pressing against the cable in the clip. (for clip sizes SAS8 and larger)



#### Using K6x5 plugs

By using drill bit SDS1, the hole for K6x5 plugs is drilled to an exact depth of 32 mm. To achieve this depth, drill the hole as far as it will go. (also refer to assembly instructions for K6x5 plug on page 98)

#### Using HMS 5/40 installation bolts

Hole diameter 4.0 mm. The hole depth is at least 40 mm. (also refer to assembly instructions for installation bolt on page 100)

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

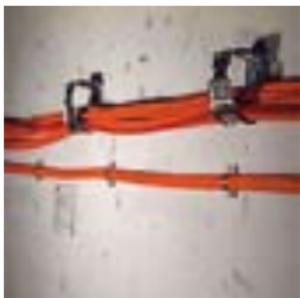


### Using K6x5 plugs

The SMu 6 SM setting tool is required for the installation. The K6x5 plug is screwed into the SAS clip prior to the installation. Make sure that the plug bolts do not protrude into the cable area. Insert the clip with the bolted plug into the drilled hole. 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. (also refer to assembly instructions for K6x5 plug on page 98)

### Using HMS 5/40 installation bolts

Insert using T-drive "T20"  
(also refer to assembly instructions for HMS installation bolts on page 100)



Depending on the cable type, a fastener spacing of up to 1.200 mm is required to maintain the functional integrity of the SAS clips.

#### DIN VDE 0100-520 522.6.:

Cable and line systems must be chosen and installed in such a manner to minimise any physical damage (such as impact, penetration or pressure) that occurs during installation, operation and maintenance.

#### DIN VDE 0276 - 604 5.5 Cable fasteners:

Reference value for clip spacing with non-armoured cables: 20 times the cable diameter. The spacing should not exceed 80 cm horizontally and 1.5 m vertically.



The cable system must be fitted with a permanent ID tag.