Changing the end-stops in motor-drive mechanism, type BUF3
Product information

This instruction explains how to reduce the regulating range of the tap-changer.

CAUTION

The motor-drive mechanism original end stop screws (lower end stop and upper end stop, see Fig. 2) must not be moved.

Tools required
Key for socket head cap screw (width across flats 4 mm)

Material and spare parts required
Each end stop consists of:

- One socket head cap screw M5x12
- One lock nut M5

Procedure

1. Change the lower end stop in the following way:
   - Operate to the new lowest position +1.
   - Mark up the first hole below the pivoting arm (Fig. 2).
   - Operate the tap-changer to a position where the marked hole is accessible and mount the extra stop screw.

2. Change the upper end stop in the following way:
   - Operate to the new highest position –1.
   - Mark up the first hole above the pivoting arm (Fig. 3).
   - Operate the tap-changer to a position where the marked hole is accessible and mount another extra stop screw.

3. Operate the motor-drive mechanism using the hand crank and check that the mechanical end stops work and with motor operation that the electrical limit switches work in both lower position (Fig. 4) and upper position (Fig. 5).

Fig. 1.
For more information, please contact:

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