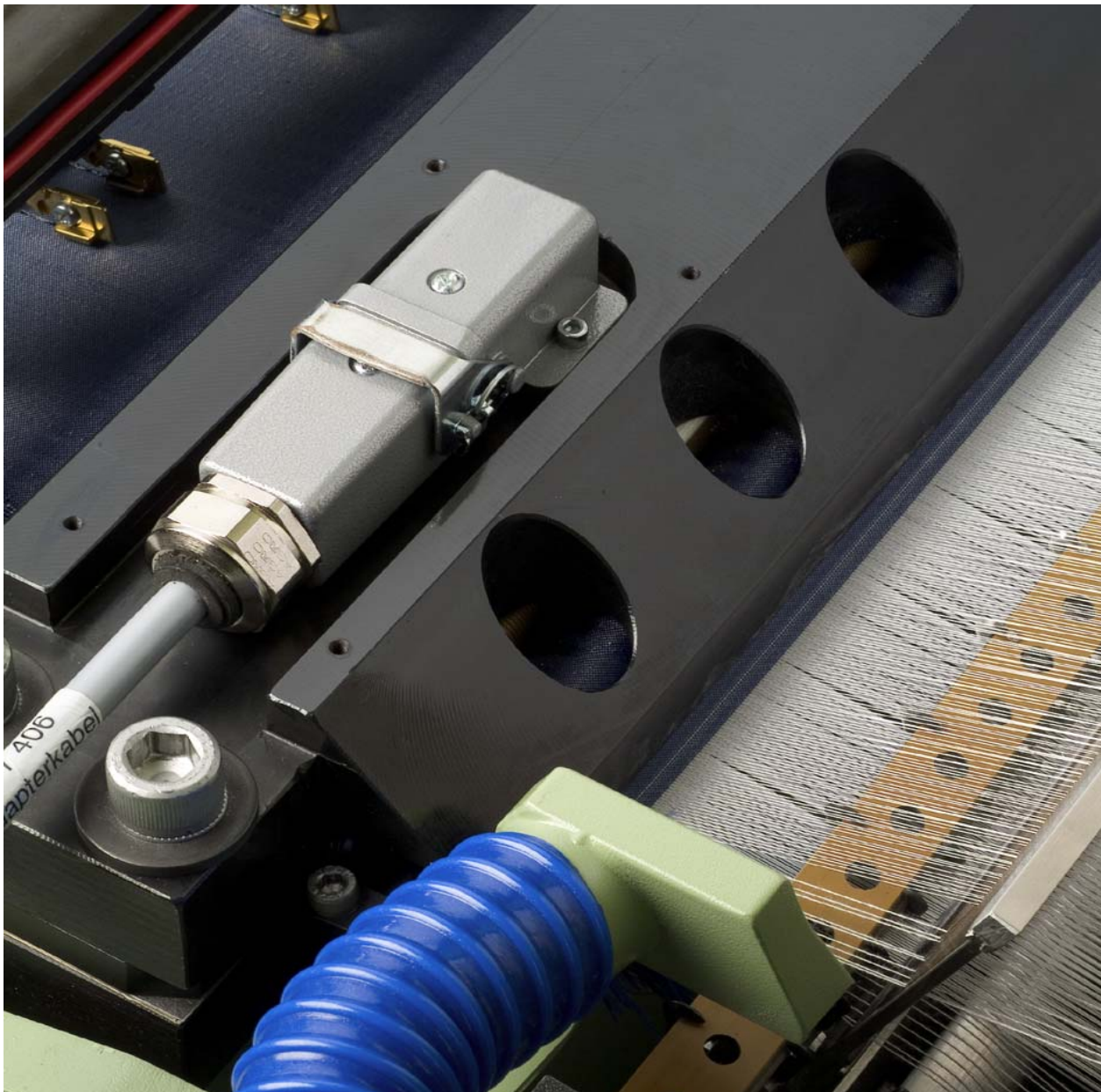


# Needle temple bar

Retrofit package for optimum fabric guidance in label weaving machines



## Needle temple bar

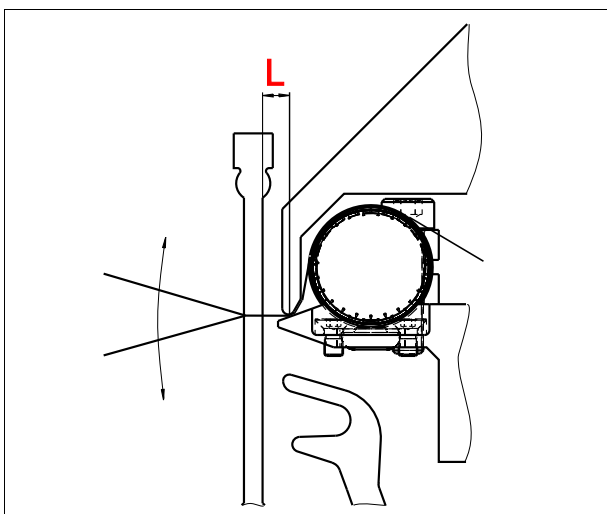
### Concept

The ongoing, further development of new ranges of satin, taffeta, damask, double and Digicolor weaves requires innovative components for fabric guidance in the weaving machine.

Fluctuating draft caused by feeding that is not straight has a negative effect on machine running. There is increased warp thread friction in both the reeds and the weft insertion guide elements, which causes thread breakage or problems with the weft insertion and machine stops.

The newly developed needle temple bar answers these problems and facilitates ideal, straight feeding.

### Important features

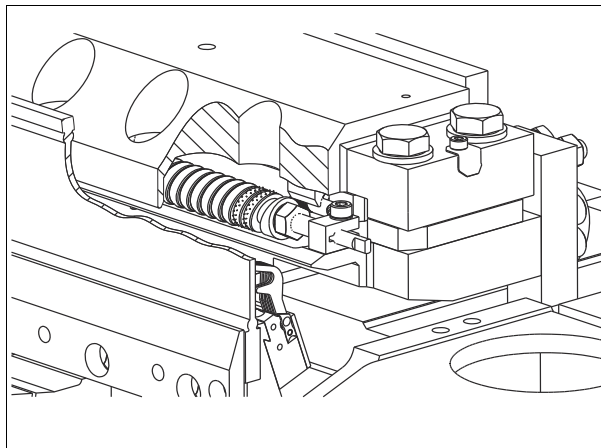


Schematic diagram of the functional principle

The new system retains the advantages offered by our proven fabric holding device such as the minimum distance (L) between the reed beat-up and the clamping and attack point of the needle temple bar, the possibility for settings in the case of high number of weft colours and integrated heating rod.

This results in:

- A high weft density due to the eradication of pre-cloth movement
- Top label quality due to hard beat-up
- Uniform label quality across the entire weave width



Any supplementation, exchange or replacement of the needle wheels during weave resetting can be carried out quickly and easily

- High weft density without excessive warp tension
- Reduced reed wear
- High production performance/benefits

### Advantages

- Spreading of the weave at the shortest possible distance to the reed beat-up
- A rotatable axis for the positive or negative setting of the needle temple bar
- The possibility to complete the corrections needed in the case of varying weft densities while the machine is running

### Simple retrofitting

The needle temple bar can be installed on the following Müller machines:

- The MÜJET® air jet label weaving machine up to Version 3
- MÜGRIP® rapier label weaving machines from Version 3

Retrofitting is straightforward and can be completed by the customer alone with the help of the instructions supplied.

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## Fascination of Ribbons and Narrow Fabrics Innovation in Machinery

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