

The background features a 3D rendering of a rail assembly. On the left, a blue rail with a red cover strip is shown in a perspective view. On the right, a more detailed view shows a red cover strip being inserted into a groove of a silver rail. The Schneeberger logo is positioned at the top right, with the tagline 'LINEAR TECHNOLOGY' below it.

SCHNEEBERGER
LINEAR TECHNOLOGY

MONORAIL MR

Cover Strip MAC

the economical solution
for covering the rail bores

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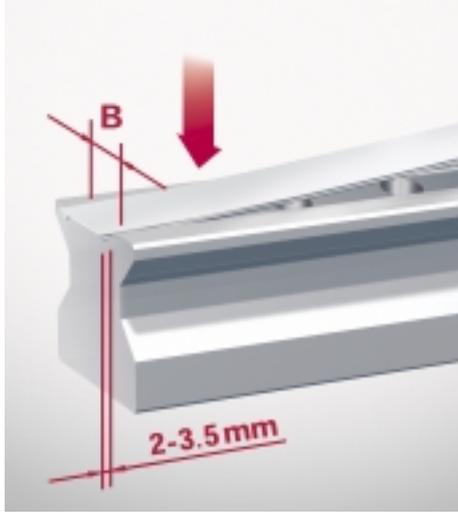
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The cover strip is installed in a prefabricated rail groove in the zone of the fixing bores, whereby the edge zones of the rail remain free. The strip protrudes by approx. 2–3.5 mm at each end of the rail.



MAC	B ± 0.1 mm
MR 25	15.0
MR 35	19.0
MR 45	25.0
MR 55	28.5
MR 65	32.0

The cover strip MAC closes off the rail bores of the roller guideway MONORAIL MR. Because of its unique construction, it is convincing by its particularly good performance with respect to functionality, installation / removal and service lifetime of the overall system.

The highest functionality

A secure adhesion in all installation positions

is assured by the positive fit between the strip and the rail. A dovetail groove in the top surface of the rail and S-shaped spring elements on the strip ensure high adhesive forces. In addition, the ends of the strip are secured by end pieces.

A high load-bearing capacity and stability

are the result of the robust construction and of the material thickness of 0.3 mm. (No damage occurs when the strip is walked on during the installation work).

Measuring- and guiding tasks can be implemented

Because the top side of the rail is only covered in the zone of the fixing bores, the ground zones next to the strip are still available as reference surfaces, e.g., for measuring tasks or for supporting metal covers.



up to 6 m

Easy and simple installation and removal

Minimised installation effort in comparison with conventional plugs

Covering of a large number of fixing bores (up to 200 pieces) with a single component. Elimination of subsequent finishing work. For a reduced application of force and for an additional time saving during installation, the installation tool MWC is recommended.

Strip lengths of up to 6 m

Long travelling distances without any butt joints also across several pieces of rail. For lengths greater than 6 m, the strips can be butt joined.

Usable several times and easy to remove

High flexibility of the strip (stainless spring steel).

Installation of the carriage without any damage to the wipers

Because of the groove in the top side of the rail, the rail bores stand back and therefore the transverse wipers of the carriages are protected against damage also without the MAC cover strip.

Long service lifetime

Low wear of the wipers

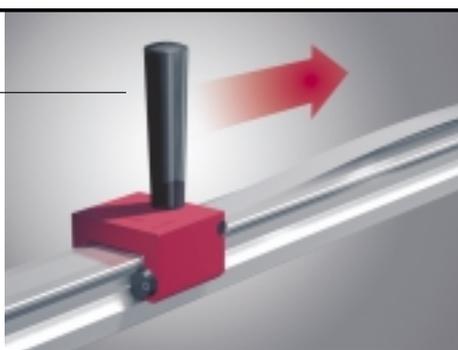
Practically ideal wiping geometry without any residual corners of dirt: gap-free transition between the strip and the top side of the rail outside the zone of rolling elements, no interfering edges in transverse direction. All possible butt joints of the strip are especially machined to ensure an unobstructed passage of the wipers.

Reduced contamination of the rail with dirt

Plastic end pieces close off the hollow space between the strip and the groove at the end of the rail and prevent the ingress of any dirt.

Installation tool
MWC

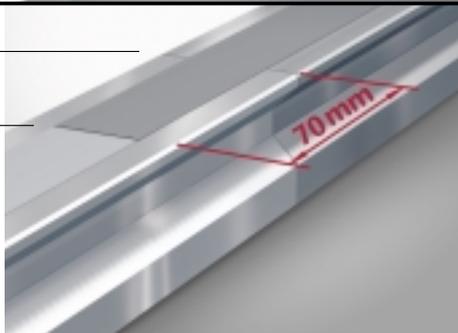
With the installation tool MWC (to be ordered separately), the strip is pressed into the groove over the whole length of the rail.



Rail butt joint

MAC butt joint

In the case of several rail parts, the strip butt joints are offset relative to the rail butt joint by approx. twice the hole spacing, in order to assure an optimum functional security.



The end pieces are slid in at both ends right up to the stop.

