



GOLDSCHMIDT

Smart Rail Solutions



INSULATED RAIL JOINT MT

**ON-SITE ASSEMBLY FOR
EXCEPTIONAL FLEXIBILITY**

The insulated rail joint MT is set up directly in the track on-site using a prefabricated kit. The otherwise required additional welding of a fitting rail is no longer necessary. Thanks to quick and easy assembly, only short operational breaks are necessary. The insulated rail joint MT is proven over time on Deutsche Bahn rails and has been successfully used by many railways worldwide.

TECHNICAL DATA

SPECIFICATIONS

Rail profiles	All common profiles
Electrical resistance	Min. 30 MΩ
Standard model	4-hole and 6-hole (positioned close to and in running direction of the sleeper)
Reinforced model	4-hole (positioned in centre of the sleeper bay)
HV bolts	Available in two models
End posts	Wide variety of versions available
Application	With backfilling mortar

BENEFITS

- Thanks to quick and easy assembly, only short operational breaks are necessary
- Can be used immediately after installation
- Variants mean it can be tailored for individual requirements
- Possibility of rail head hardening in the joint area, meaning longer life and reduction of maintenance costs
- Minimum tensile loading and fatigue strength tested in accordance with EN 16843

TEMPORARY MT JOINT

The temporary insulated rail joints was developed for temporary use on construction sites. This joint is not filled with mortar. It can be reused and can be installed and uninstalled in a short period of time. The red colour distinguishes it as a temporary insulated rail joints.

