

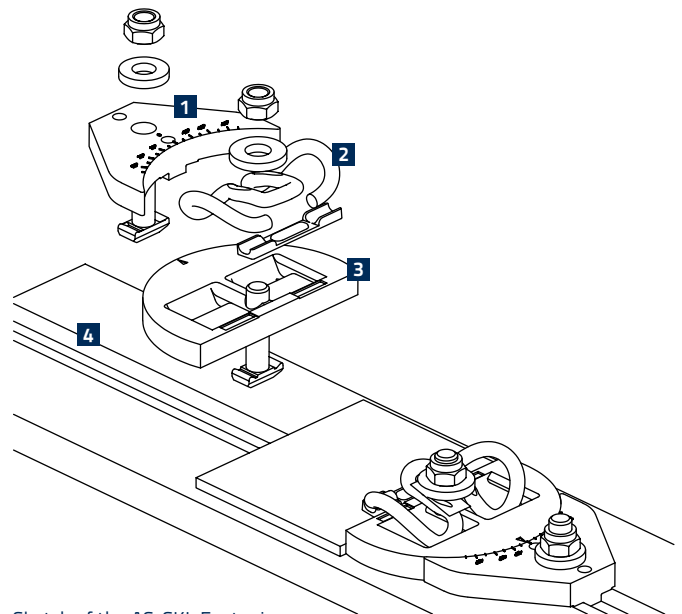


AS-SKL FASTENING FOR TURNOUT SLEEPERS

The complex geometries of turnouts and crossings pose a particular challenge to rail fastenings in the respective areas of the turnouts. The AS-SKL anchor rail fastening system from RAILONE allows each rail support point to be individually adapted to the geometry of turnouts and crossings. The system is suitable for grooved rails and axle loads of up to 18 tons.

ADVANTAGES

- Tested according to DIN EN13481-2/-5, Category B
- Simple handling due to the use of conventional tension clamps
- Flexible adaptation to the geometry of the turnouts, even in constricted areas
- Two-part design allows disassembly of the finished turnouts without affecting the inner geometry
- Replacement sleepers can be installed in the turnout without complex coordinate calculation



Sketch of the AS-SKL Fastening

- 1 Interlock plate
- 2 Tension clamp SKL 14
- 3 Irrotational rail guide plate
- 4 Anchor rail

System description

The AS-SKL anchor rail fastening system is a two-part system for fixing of grooved rail turnouts on bearer in ballastless or ballasted tracks.

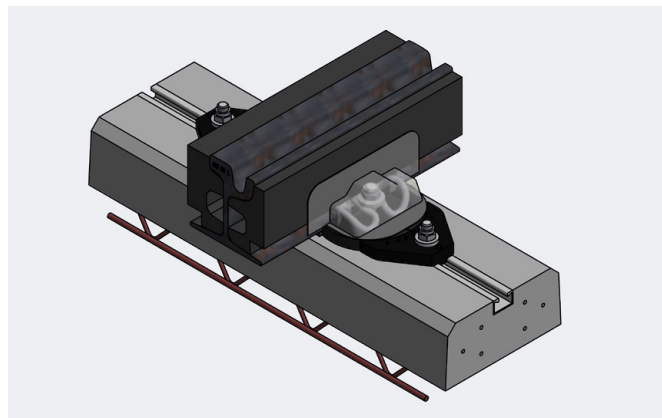
The construction of the system allows a stepless rotation of the fastening point on the bearer of up to 30 degrees. This allows a flexible adaptation to the geometry of turnouts.

The two-part design of the system allows dismantling of the preassembled turnouts for transport without compromising their internal geometry. To do this, only the fastening element next to the rail has to be loosened. The locking plate, which is relevant for the turnout geometry, remains in position and does not require disassembly.

By adapting the elastic rail pad, the fastening system can be used both for ballasted and ballastless tracks, which has been proven for Category B in accordance with DIN EN13481-2/-5. The fastening system is structurally applicable for all types of track covering (green roofing, asphalt and concrete roofing as well as open construction methods).

SPECIAL FEATURES

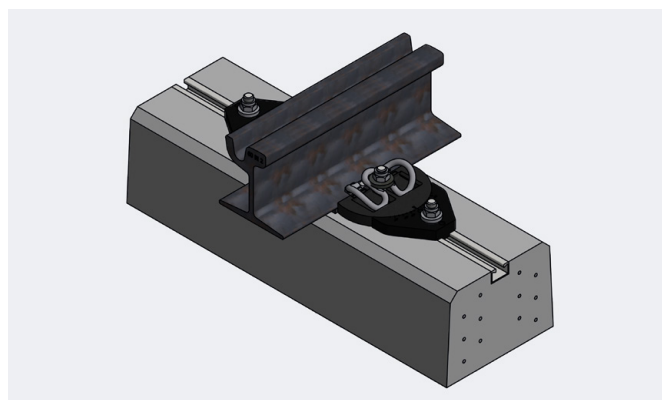
- Grooved rail fastening tested according to DIN EN
- Rotation of up to 30 degrees possible
- Use of tension clamps and glass fiber reinforced polyamide
- Suitable for ballasted and ballastless tracks



AS-SKL on a ballastless turnout bearer



Anchor rail fastening with and without cover cap



AS-SKL is also available for turnout bearer on ballasted tracks

Crossing with AS-SKL fastening in installed track

