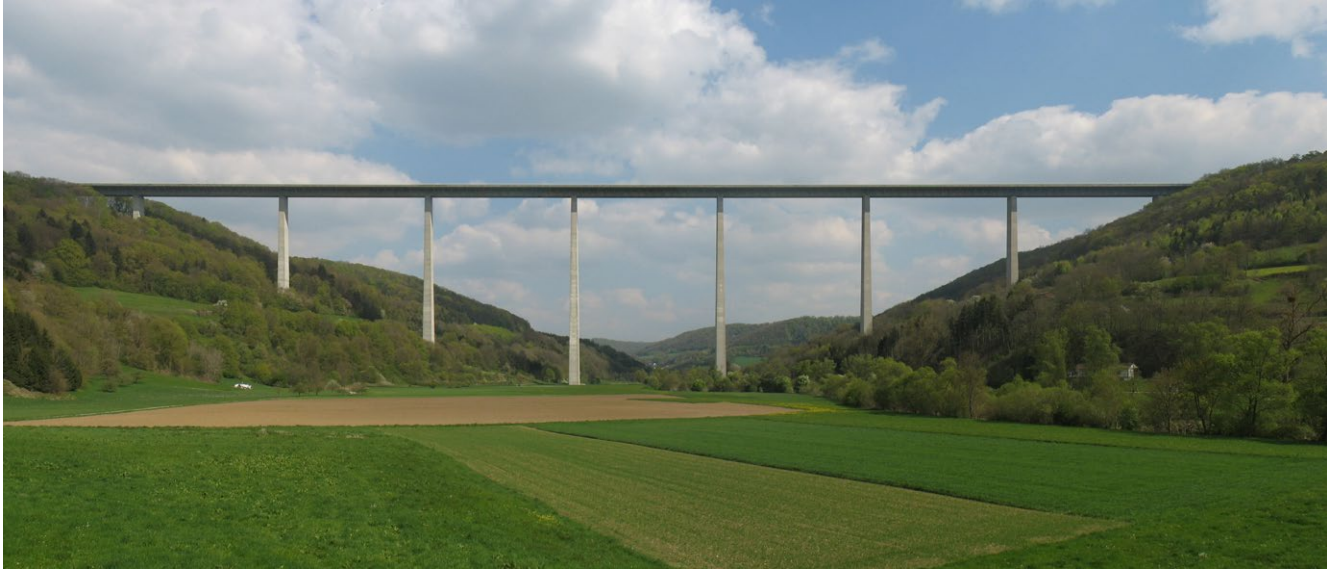


# Kochertal Bridge (Germany)



## Project description

As part of the refurbishment of the Kochertal Bridge (BW 6824 633), the existing bearings and expansion joints were completely replaced from 2013 till 2015.

Located on the A6 autobahn close to the city of Geislingen (between interchanges Weinsberg and Feuchtwangen), the bridge has a total length of 1,128 m with the longest span being 138 m. With a height of 185 m, it beautifully bypasses the valley and is to date one of Germany's highest viaducts. The piers feature a height of 178 m making the structure one of the world's highest beam and slab bridges.

One of the most important requirements of the new expansion joints were the displacement capacity in all directions: horizontal, vertical and transversal.

## mageba scope

mageba's supply comprised the following products and services:

- Delivery and installation of 2 x 33 m TENSA®MODULAR SILENT expansion joints of type LR10-LS100 with maximum movements of 950 mm

The joints are provided with cover plates from stainless steel as well as cornice plates

- Delivery and installation of 16 RESTON®POT bearings with axis 0, 1, 2, 7, 8 and 9, therefrom 4 bearings had been installed vertically, for displacements of up to +/- 465 mm and vertical loads of up to 88,970 kN

## Highlights & facts

### mageba products:

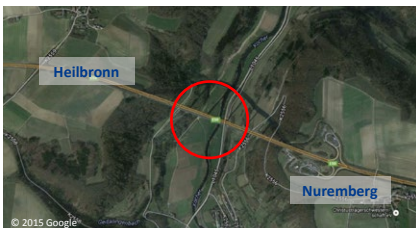
Type: TENSA®MODULAR SILENT expansion joints of type LR10-LS100, RESTON®POT bearings

Installation: 2013–2015

### Structure:

City: Geislingen  
Country: Germany  
Type: Beam bridge  
Completed: 1979  
Owner: RP Stuttgart  
AG-Partner: Leonhardt Weiss GmbH  
Architect: Hans Kammerer  
Engineer: Leonhardt, Andrä und Partner Beratende Ingenieure VBI AG

The Kochertal Bridge close to the city of Geislingen



TENSA®MODULAR SILENT expansion joints of type LR10-LS100 with detail for the central reservation



A RESTON®POT bearing with vertical load capacity of up to 88,000 kN, during loading

