

## Specification text for applications involving long-term 3-dimensional monitoring of bridges

Item Description of works:

For long-term observation of bridges, use a stamping mould and waterproof pen to indicate the position number or serial number on the markers and attach these at the places listed below, including fixing with 2 stainless steel screws:

- a) on all piers of the bridge at low level, centre level and top level of the piers
- b) above and below all bridge bearings
- c) At the bridge caps, turn adapters of the type **RSAMG80** into the existing anchor bushes at 5 m spacings, using 2-component adhesive, and align in accordance with instructions from the surveyor. Where there are no anchor bushes, use adapters of the type **RSAK80** for fixing, aligning them to the fixed point.

Carry out control measurements as requested by the authority in charge.

Survey markers by Messrs. Rothbucher Systems, Bayerisch Gmain, Tel.: +49 (0)8651/2749  
Fax: +49 (0)8651/3090.

We recommend article no. **RS60**, for survey measurements over 100 meter article no. **RSKZ6**.  
On the underside of the caps, use **adapters with pre-fitted angle survey markers**. On metal substrates, a 2-component adhesive has to be used that ensures firm fixing.

Type: \_\_\_\_\_ Quantity: \_\_\_\_\_ pieces UP: \_\_\_\_\_ TOTAL: \_\_\_\_\_