

# W-VI/S / W-VI/F INJECTION SYSTEM

23.8

## With WIT-VM 200 injection mortar

For application with the application gun, Art. No. 0891 003 or Art. No. 0891 007

### Individual fastening:

Uncracked concrete

#### W-VI/S

Galvanized steel

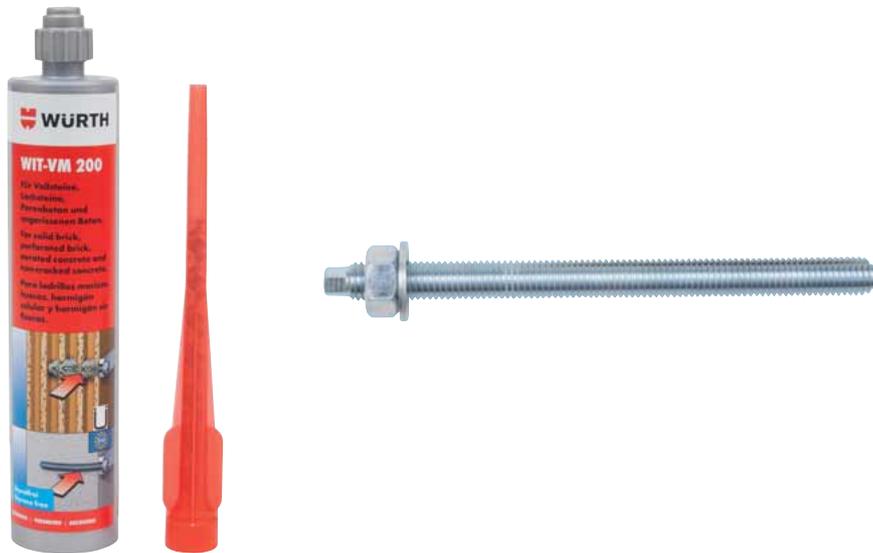
#### W-VI/F

Hot-galvanized steel

**Available on special order**

For W-VI/A4 injection system, see **23.9**

For W-VI/HCR injection system see **23.9**



## Proof of performance

Approvals	Test reports
<b>European Technical Approval</b> Option 7 for uncracked concrete	<b>Fire resistance</b> Direct flame effect

## Drill hole cleaning

Clean drill hole: Blow out 2x, brush out mechanically 2x, blow out 2x  
 M20 to M30: Blow out drill hole with compressed air using the correct compressed-air nozzles

## 1. Applications

- Can be used for medium and heavy loads
- With European Technical Approval, the anchor may be used in reinforced or non-reinforced standard concrete of a strength class of at least C20/25 and at most C50/60 in accordance with EN 206:2000-12.
- Anchorage with European Technical Approval in uncracked concrete (concrete pressure zone)
- The anchor may be used for anchorages with primarily static loads (e.g. own weight, equipment, support materials) or quasi-static loads (e.g. facades, railings).
- The temperature in the area of mortaring must not exceed +50 °C or +72 °C, briefly +80 °C or +120 °C.
- For use in concrete < C20/25 and pressure-resistant natural stone (without approval).
- W-VI/S (galvanized steel) and W-VI/F (hot galvanized steel) can be used in dry interior rooms
- Suitable for fastening metal structures, metal profiles, brackets, foot plates, supports, railings, wood structures, beams etc.

## 2. Advantages

- High loads, small axle bases and edge clearances
- Hardened injection mortar largely seals off the drill hole
- Attachment with low expansion pressure allows small axial and edge clearances.
- High temperature resistance (long-term up to +72 °C, briefly up to +120 °C)
- Mechanical drill hole cleaning: Easy handling, very good drill hole cleaning, high load-bearing capacities
- Cartridge can be reused by replacing static mixer or by re-closing with sealing cap.

## 3. Features

- Anchoring through bond between injection mortar, anchor rod and anchoring base. Galvanized steel and hot-galvanized steel anchor rods in the sizes M8, M10, M12, M16, M20, M24 and M30
- Galvanized steel and hot galvanized steel: European Technical Approval ETA-05/0034
- Dimensioned in accordance with the "Guideline for European Technical Approval (ETAG) of Metal Anchors for Use in Concrete," Appendix C, Measurement Process A
- Fire resistance: F30, F60, F90 and F120 fire load in acc. with DIN 1363-1: 1999-10 (uniform temperature curve)

## Setting instructions

