

W-VI/A4 W-VI/HCR INJECTION SYSTEM

23.9

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/A4

Stainless steel A4

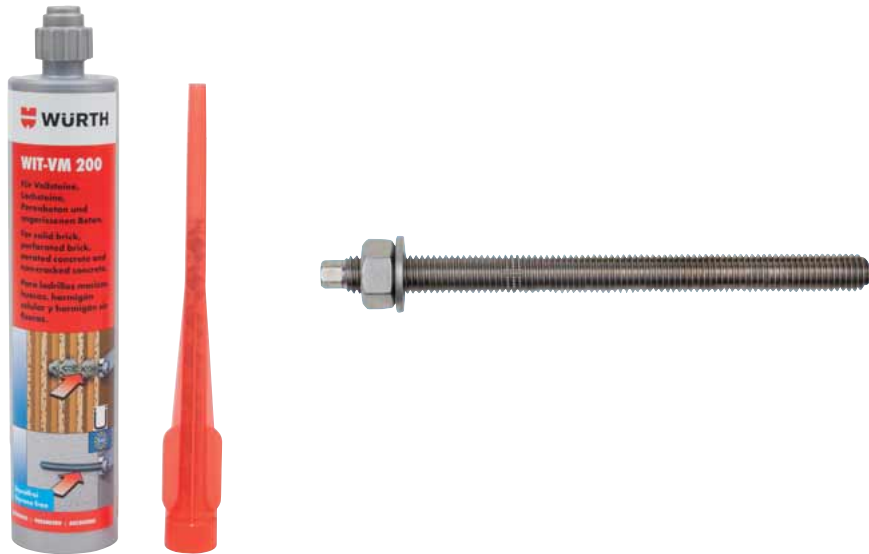
W-VI/HCR

Highly corrosion resistant steel (Material number 1.4529)

Available on special order

For the W-VI/S injection system, see **23.8**

For the W-VI/F injection system, see **23.8**



Proof of performance

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

Drill hole cleaning

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

- Suitable for fastening metal structures, metal profiles, brackets, foot plates, supports, railings, wood structures, beams etc.

1. Applications

- Can be used for medium to 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 maximum 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/A4 (A4 stainless steel) can be used in dry interior rooms, outdoors (including industrial atmospheres and near the sea) or in damp rooms.
- W-VI/HCR (HCR, highly corrosion-resistant steel) can be used under especially aggressive conditions. These conditions include, e.g. constant or changing immersion in salt water or within the splash zone of salt water, atmospheres containing chlorine in indoor swimming pools or atmospheres with extreme chemical contamination (e.g. flue-gas desulfurization systems or road tunnels in which de-icing agents are used).

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 spacing
- 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.
- Stainless steel anchor rods in the sizes M8, M10, M12, M16, M20, M24 and M30
- A4 stainless steel: European Technical Approval ETA-05/0034
- HCR, highly corrosion-resistant 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

