

FIXING ANCHOR W-FAZ/A4, W-FAZ/HCR

02.6



Individual attachment:

Cracked and uncracked concrete

W-FAZ/A4,
Stainless steel A4

W-FAZ/A4,
A4 stainless steel
with large washer

W-FAZ/HCR
Highly corrosion-resistant steel
(1.4529)

For W-FAZ/S fixing anchor, see **02.5**

Proof of performance

Approvals			Test reports
European Technical Approval Option 1 for cracked and uncracked concrete	Fire resistance Technical Report TR 020 R30 – R120	M8 – M24	Fire resistance Direct flame effect

1. Areas of use

- **Individual attachment:** Normal concrete C20/25 to C50/60 (cracked and uncracked concrete)
- Suitable for attaching metal structures, metal profiles, brackets, foot plates, supports, cable conduits, pipes, railings, wood structures, beams etc.
- For use in concrete < C20/25 and pressure-resistant natural stone (without approval)
- **W-FAZ/A4** (stainless steel A4) may be used **in dry interior rooms and outdoors** (including industrial atmospheres and near the sea) **or in damp rooms**, if no particularly aggressive conditions prevail
- **W-FAZ/HCR** (highly corrosion-resistant steel, HCR) may be used **in areas with very high levels of corrosion** (e.g. indoor pool atmosphere, road tunnels, poorly ventilated parking garages or parts in seawater and in a marine atmosphere)

2. Advantages

- High loads, small axle bases and edge clearances
- Time-saving through-bolt mounting
- Can be loaded immediately - no waiting times
- **The fixing anchor cone with patented plastic coating enables reliable expansion later in cracked concrete**
- Reduced anchoring depth - minimized drilling and time expenditure and a flexible range of applications

Machine setting tool for fixing anchors (W-FA and W-FAZ) M8 – M16 (The setting depth according to the approval must be complied with)



Art. No. 0904 908 016

For details, see separate product information

3. Features

- Torque-controlled expanding anchors made of A4 stainless steel and highly corrosion-resistant steel, HCR
- Approval: **ETA-99/0011 for individual attachment**
Option 1, uncracked and cracked concrete
- Fire resistance: W-FAZ/A4, W-FAZ/HCR (M8 – M16) F30, F60, F90 and F120; fire load pursuant to DIN 4102-2:1977-09 (standard temperature time curve)
Fire resistance: W-FAZ/A4, W-FAZ/HCR R30, R60, R90, R120; Technical Report TR020 (contained in ETA-99/0011)
Fire resistance: W-FAZ/HCR (M8 – M16) fire load pursuant to ZTV-ING Part 5 (standard temperature time curve/tunnel fire compartment curve)

Setting instructions

