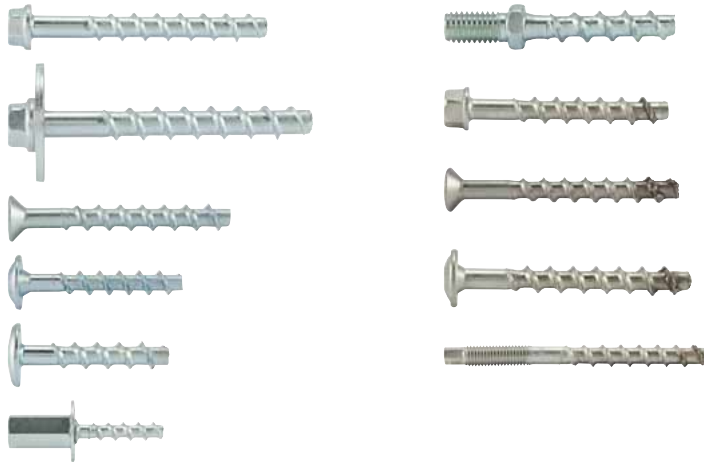


# W-BS CONCRETE SCREW

01.3



## Individual attachment

in cracked and uncracked concrete

## Multiple attachment

in concrete and prestressed concrete hollow slab ceilings

**Approved for adjustability after installation to align railings etc., for example**

## Proof of performance

Approvals			
<b>European Technical Approval</b> Option 1 for cracked and uncracked concrete	<b>European Technical Approval</b> Multiple attachment of non-load-bearing systems	<b>Fire resistance</b> <b>Technical Report TR 020</b> <b>R30 – R120</b>	<b>Size 6 – 14</b>

## 1. Areas of use:

- **Individual attachment, Size 6–14:** Normal concrete C20/25 to C50/60 (cracked and uncracked concrete)
- **Multiple attachment, Size 5 and 6:** Anchoring non-load-bearing systems in cracked and uncracked concrete
- **Attachment in prestressed concrete hollow slab ceilings, Size 6**
- Suitable for attachment of metal constructions, metal profiles, brackets, foot plates, supports, cable conduits, pipes, railings, machines etc.
- Can also be used in concrete < C20/25 and pressure-resistant natural stone (without approval)
- W-BS/S (galvanized steel) can be used in dry indoor rooms
- W-BS/A4 (A4 stainless steel) may be used in dry indoor rooms, outdoors (including industrial atmosphere and near the sea) or in humid rooms if no especially aggressive conditions exist

## 2. Advantages:

- High load-bearing capacities
- Small axial spacings and edge spacings thanks to very minor spreading effect
- Very quick and easy installation
- No mounting torque required
- Can be loaded immediately – no waiting times
- Extremely flexible in use, as there are three anchoring depths (size 6 – 14) and a large selection of types
- Same performance data for galvanized and A4 stainless steel versions
- Adjustment of the attachment possible up to two times after installation (size 8 – 14) for alignment of railings or anchor plates, for example (observe installation instructions in approval or enclosed leaflet)

## 3. Properties:

- Approval **ETA-16/0043 for individual attachment, Size 6–14** Option 1, cracked and uncracked concrete
- **ETA-16/0128 for multiple attachment in concrete (Size 5 and 6) and attachment in prestressed concrete hollow slab ceilings (Size 6)**
- Fire resistance: R30, R60, R90, R120; Technical Report TR020 (contained in the approvals)

## Setting instructions

