

## Concrete screw JC2-FR



## Cross references

Cordless impact screwdriver  
ASCD  
Cordless hammer drill ABH  
Hammer drill SDS plus®  
Bit hexalobular TX30  
Cleaning brush  
Blow-out pump

## Application range

- > Facade scaffolds
- > Temporary fastenings
- > Contact surfaces
- > Shelves
- > Cable racks
- > Hand rails
- > Battens

## Properties

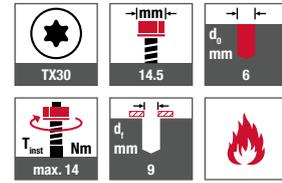
- > Zinc-plated steel
- > Truss head, hexalobular drive
- > ETA-approved concrete screw for cracked and non-cracked concrete
- > Self-tapping approved screw anchor for push-trough installation
- > No expansion therefore small edge and centre distances possible
- > Completely removable
- > For dry indoor use

## Notice

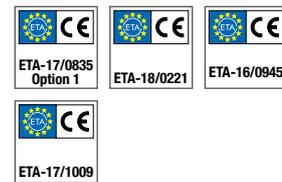
Characteristic values apply to the compression strength of C20/25 concrete. Design load of an anchor for centric tension in cracked concrete.

The load values in these tables are based on concrete C20/25,  $f_{ck,cube} = 25 \text{ N/mm}^2$ ; correct installation; no influence of centre and edge distances; observe the minimum thickness of the base material.

## Technical specifications

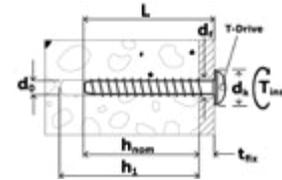


## Certifications



## Base materials

- Approved for
- > Cracked concrete
  - > Non-cracked concrete
  - > Pre-stressed hollow core slab



## Characteristic values

Admissible loads  
non-cracked concrete C20/25Admissible loads  
cracked concrete C20/25

| Typ   | $h_{ef}$<br>[mm] | $N_{Rec}$<br>[kN] | $V_{Rec}$<br>[kN] | $N_{Rec}$<br>[kN] | $V_{Rec}$<br>[kN] |
|---|------------------|-------------------|-------------------|-------------------|-------------------|
| <b>ETA-17/0835 – approval according to EAD 330232-00-0601 (option 1) for single fastening in concrete</b>               |                  |                   |                   |                   |                   |
| JC2-FR 6  | 42.5             | 4.5               | 5.6*              | 2.1               | 4.5               |
| <b>ETA-18/0221 – approval according to ETAG 001 part 6 for multiple fastening of non-structural systems in concrete</b> |                  |                   |                   |                   |                   |
| JC2-FR 6  | 27.6/31.9        | 1.4/1.7           | 5.4*/5.4*         | 1.4/1.7           | 5.4*/5.4*         |

\*Failure case = steel failure

## Product online



| Order description   | L<br>[mm] | $t_{fix}$<br>[mm] | $h_{nom}$<br>[mm] | $h_1$<br>[mm] | PU<br>[pieces] | Price/100<br>[EUR] | Article number | EAN           |
|---|-----------|-------------------|-------------------|---------------|----------------|--------------------|----------------|---------------|
| <b>ETA-17/0835 – approval according to EAD 330232-00-0601 (option 1) for single fastening in concrete</b>               |           |                   |                   |               |                |                    |                |               |
| Concrete screw JC2-FR -6x60/5/20  | 60        | 5                 | 55                | 65            | 50             |                    | 9650071549     | 4061245047812 |
| <b>ETA-18/0221 – approval according to ETAG 001 part 6 for multiple fastening of non-structural systems in concrete</b> |           |                   |                   |               |                |                    |                |               |
| Concrete screw JC2-FR-6x35/1  | 35        | 1                 | 35                | 40            | 100            |                    | 9650071543     | 4061245075723 |
| Concrete screw JC2-FR-6x45/5  | 45        | 5                 | 40                | 50            | 100            |                    | 9650071545     | 4061245063102 |
| Concrete screw JC2-FR -6x60/5/20  | 60        | 20                | 40                | 50            | 50             |                    | 9650071549     | 4061245047812 |