

## Concrete screw JC2-FR



### Application range

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

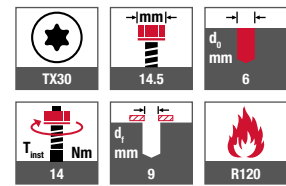
### Base materials

- Approved for
- > Cracked concrete
  - > Non-cracked concrete
  - > Pre-stressed hollow core slab
- Also suitable for
- > Solid clay brick
  - > Solid sand-lime brick

### Properties

- > Galvanized 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

### Technical data



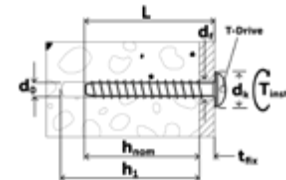
### Certifications



### Cross references

- Cleaning brush
- Blow-out pump
- Tool belt
- Hammer drill SDS plus
- Cordless hammer drill
- Cordless impact screwdriver
- Bit hexalobular TX30

### Product online



Characteristic values	Permitted loads non-cracked concrete C20/25							Permitted loads cracked concrete C20/25		
	Type	d <sub>1</sub> [mm]	Drive [mm]	d <sub>0</sub> [mm]	h <sub>ef</sub> [mm]	T <sub>inst</sub> [Nm]	N <sub>Rec</sub> [kN]	V <sub>Rec</sub> [kN]	N <sub>Rec</sub> [kN]	V <sub>Rec</sub> [kN]
<b>ETA-17/0835 – approval according to EAD 330232-00-0601 (option 1) for single fastening in concrete</b>										
JC2-FR 6	9	Tx30	6	42.5	14	4.5	5.6*	2.1	4.5	
<b>ETA-18/0221 – approval according to ETAG 001 part 6 for multiple fastening of non-load-bearing systems in concrete</b>										
JC2-FR 6	9	Tx30	6	31.9	14	1.4	3.1	1.4	3.1	

\*Failure case = steel failure

d<sub>1</sub> = through hole diameter in the attachment; d<sub>0</sub> = nominal drill diameter; h<sub>ef</sub> = effective embedment depth; T<sub>inst</sub> = tightening torque; N<sub>Rec</sub> = recommended tensile capacity; V<sub>Rec</sub> = recommended shear load capacity

Order description	L [mm]	t <sub>fix</sub> [mm]	h <sub>nom</sub> [mm]	h <sub>1</sub> [mm]	PU [pieces]	Price/100 [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-load-bearing systems in concrete</b>								
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

L = length; t<sub>fix</sub> = t<sub>ca</sub> + thickness of attachment; t<sub>ca</sub> = thickness of tolerance compensation or of the non-load-bearing outer layer; h<sub>nom</sub> = nominal embedment depth; h<sub>1</sub> = drill hole depth to deepest point