

# Loads

## Turbo aircrete anchor FTP K

Highest recommended loads<sup>1)</sup> for a single anchor in aerated concrete and gypsum blocks.  
The given loads are valid for screws with the specified diameter.

| Type   |  | FTP K 4 | FTP K 6 | FTP K 8 | FTP K 10 |      |
|--|--|---------|---------|---------|----------|------|
| Screw diameter   | [mm]                                   | 4       | 5 - 6   | 8       | 8 - 10   |      |
| Min. edge distance $c_{min}$   | [mm]                                   | 100     | 100     | 150     | 200      |      |
| <b>Recommended loads in the respective base material <math>F_{rec}</math><sup>2)</sup></b> |  |         |         |         |          |      |
| Aerated concrete   | ACC 2 ( $\geq 2,5$ N/mm <sup>2</sup> ) | [kN]    | 0.15    | 0.20    | 0.30     | 0.40 |
| Aerated concrete   | ACC 4 ( $\geq 5,0$ N/mm <sup>2</sup> ) | [kN]    | 0.25    | 0.30    | 0.40     | 0.50 |
| Gypsum block   |  | [kN]    | -       | -       | 0.29     | 0.54 |

<sup>1)</sup> Required safety factors are considered.

<sup>2)</sup> Valid for tensile load, shear load and oblique load under any angle.