

# WEP Expansion Plug

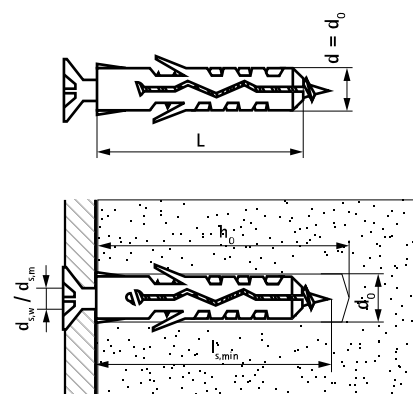
(L 07 20)

economical expansion anchor for all types of substrates



## Features and Benefits

- can be used with wood screws, chipboard screws and metric bolts
- suitable for solid substrates
- does not expand prematurely
- resists rotation in holes
- Application:
  - shelves
  - wall-mounted cabinets
  - sanitary fixings
  - HVAC and plumbing fixings
- material: high quality PA6 polyamide
- substrate type:
  - lightweight concrete
  - concrete
  - masonry
  - hollow masonry
  - rock
  - sand-lime bricks
  - natural stone
  - gypsum



| Part No. | Code      | L     | d <sub>0</sub> | h <sub>0</sub> | d <sub>s,w</sub> | d <sub>s,m</sub> | l <sub>s,min</sub> | Rec. Tension Load Solid Brick | Rec. Tension Load C20/25 Concrete | Rec. Tension Load Lightweight Concrete | Pack 1 | Pack 2 |
|----------|-----------|-------|----------------|----------------|------------------|------------------|--------------------|-------------------------------|-----------------------------------|----------------------------------------|--------|--------|
|          |           |       | (mm)           | (mm)           | (mm)             | (mm)             | (mm)               | (kN)                          | (kN)                              | (kN)                                   |        |        |
| 61001005 | WEP 5x25  | 25 mm | 5              | 35             | 2.6 - 4.0        | M3               | 29                 | 0.20                          | 0.35                              | 0.04                                   | 100    | 3,600  |
| 61001006 | WEP 6x30  | 30 mm | 6              | 40             | 3.5 - 5.0        | M4               | 34                 | 0.40                          | 0.60                              | 0.06                                   | 100    | 3,600  |
| 61001008 | WEP 8x40  | 40 mm | 8              | 55             | 4.5 - 6.0        | M5               | 44                 | 0.60                          | 0.85                              | 0.09                                   | 100    | 3,600  |
| 61001010 | WEP 10x50 | 50 mm | 10             | 65             | 6.0 - 8.0        | M6               | 54                 | 0.80                          | 1.40                              | 0.20                                   | 50     | 1,800  |
| 61001012 | WEP 12x60 | 60 mm | 12             | 80             | 8.0 - 10.0       | M8               | 64                 | 1.00                          | 1.80                              | 0.40                                   | 25     | 900    |
| 61001014 | WEP 14x70 | 70 mm | 14             | 90             | 10.0 - 12.0      | M10              | 74                 | 1.30                          | 2.60                              | 0.50                                   | 20     | 720    |

Given recommended tension loads have been reached using a maximum diameter wood screw and include a safety factor of 5.