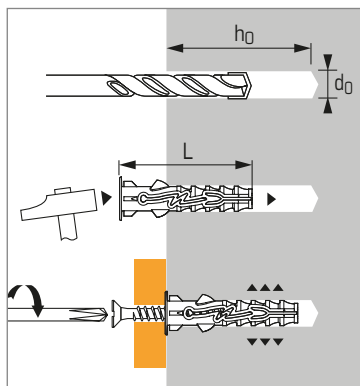




## Universal nylon lightweight anchor



Version  
with collar



Version  
without collar



### APPLICATION

- All lightweight fixings
- Bathroom accessories
- Electrical installations
- Plastic trunking

### MATERIAL

- **Body:** Polyamid 6

### Technical data

| Anchor size | Wood screw<br>diameter<br>(mm)<br><b>d</b> | Drilling<br>depth<br>(mm)<br><b>h<sub>0</sub></b> | Drilling<br>diameter<br>(mm)<br><b>d<sub>0</sub></b> | Total anchor<br>length<br>(mm)<br><b>L</b> | Code        |                |
|-------------|--------------------------------------------|---------------------------------------------------|------------------------------------------------------|--------------------------------------------|-------------|----------------|
|             |                                            |                                                   |                                                      |                                            | with collar | without collar |
| 5X25        | 2,5 - 4                                    | 30                                                | 5                                                    | 25                                         | 057070      | -              |
| 6X30        | 3,5 - 5                                    | 35                                                | 6                                                    | 30                                         | 057080      | 057140         |
| 8X40        | 5 - 7                                      | 50                                                | 8                                                    | 40                                         | 057090      | 057020         |
| 10X50       | 6 - 8                                      | 60                                                | 10                                                   | 50                                         | -           | 057030         |
| 12X60       | 8 - 10                                     | 70                                                | 12                                                   | 60                                         | -           | 057150         |
| 14X70       | 10 - 12                                    | 80                                                | 14                                                   | 70                                         | -           | 057050         |

### Recommended loads ( $N_{rec}$ , $V_{rec}$ ) and ultimate loads ( $N_{Ru,m}$ , $V_{Ru,m}$ ) in kN

#### TENSILE & SHEAR

| Anchor size                        |         | 5X25 | 6X30 | 8X40               | 10X50              | 12X60              | 14X70              |
|------------------------------------|---------|------|------|--------------------|--------------------|--------------------|--------------------|
| Base material                      | Screw Ø | 4    | 5    | 7                  | 8                  | 10                 | 12                 |
| <b>Concrete (≥C20/25)</b>          |         |      |      |                    |                    |                    |                    |
| $N_{rec}^*$                        |         | 0,3  | 0,5  | 0,8                | 1,2                | 1,8                | 2,8                |
| $N_{Ru,m}^*$                       |         | 1,5  | 2,5  | 4,0                | 6,0                | 9,0                | 14,0               |
| $V_{rec}^*$                        |         | 0,3  | 0,8  | 1,0                | 1,2                | 2,8                | 3,0                |
| $V_{Ru,m}^*$                       |         | 3,1  | 4,9  | 5,8                | 7,3                | 22,3               | 24,0               |
| <b>Clay bricks BP 400</b>          |         |      |      |                    |                    |                    |                    |
| $N_{rec}^*$                        |         | 0,3  | 0,5  | 0,8                | 1,1                | 1,5                | 1,8                |
| $N_{Ru,m}^*$                       |         | 1,5  | 2,5  | 4,0                | 5,5                | 7,5                | 9,0                |
| <b>Hollow clay bricks C 40</b>     |         |      |      |                    |                    |                    |                    |
| $N_{rec}^*$                        |         | 0,2  | 0,25 | 0,35               | 0,45               | 0,55               | 0,7                |
| $N_{Ru,m}^*$                       |         | 1,0  | 1,3  | 1,8 <sup>(1)</sup> | 2,3 <sup>(1)</sup> | 2,8 <sup>(1)</sup> | 3,5 <sup>(1)</sup> |
| <b>Aerated concrete NFP 14-306</b> |         |      |      |                    |                    |                    |                    |
| $N_{Ru,m}^*$                       |         | 0,22 | 0,44 | 0,65               | 0,91               | 1,33               | 1,5                |
| $V_{Ru,m}^*$                       |         | 0,16 | 0,23 | 0,42               | 0,71               | 0,96               | 1,1                |

\* indicative values

<sup>(1)</sup> only for hollow clay bricks rendered