

The expansion plug 'BEST' made of high-quality plastic is used in all building materials with high strengths such as concrete, sand-lime brick, brick or natural stone. Its screw guide and anti-rotation lock guarantee a secure hold after billions of years of use. It is suitable for use with wood and chipboard screws.

Temperature resistance: -40°F to +176°F

Safety coefficient: 5



Product specification

| Article number | Dimensions Ø x L mm | Drill bit Ø mm | Drilling depth min. mm | Box contents | outer carton |
|----------------|------------------------|-------------------|---------------------------|--------------|--------------|
| 10 100 | 4 x 20 | 4 | 25 | 100 pcs. | 8.000 pcs. |
| 10 100 | 5 x 25 | 5 | 30 | 100 pcs. | 8.000 pcs. |
| 10 100 | 6 x 30 | 6 | 35 | 100 pcs. | 8.000 pcs. |
| 10 100 | 8 x 40 | 8 | 50 | 100 pcs. | 4.000 pcs. |
| 10 100 | 10 x 50 | 10 | 60 | 50 pcs. | 2.000 pcs. |
| 10 100 | 12 x 60 | 12 | 70 | 25 pcs. | 1.000 pcs. |

Extraction values in kilo-Newton^{*}

| Plug/Screw Ø | Concrete C20/25 (B25) | Brick MZ 20 | Sand lime brick KSV 20 |
|-----------------|--------------------------|----------------|---------------------------|
| 4 / 3,0 | 0,8 kN | 0,4 kN | 0,4 kN |
| 5 / 4,0 | 2,3 kN | 1,9 kN | 1,7 kN |
| 6 / 5,0 | 3,4 kN | 2,7 kN | 2,5 kN |
| 7 / 5,5 | 4,0 kN | 3,3 kN | 3,1 kN |
| 8 / 6,0 | 4,6 kN | 4,3 kN | 3,9 kN |
| 10 / 8,0 | 9,5 kN | 5,2 kN | 4,9 kN |
| 12 / 10,0 | 11,5 kN | 5,6 kN | |
| 14 / 12,0 | 19,4 kN | 6,9 kN | |
| 16 / 14,0 | 25,7 kN | | |

* All data is based on values determined during factory tests by Huefner-Duebel GmbH. They serve only as general technical installation information and do not constitute a building authority approval. The possible applications must be checked on site and adapted to the conditions.

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