

The expansion plug 'BEST' with collar made of high-quality nylon 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 ensure a secure hold. The additional collar on the head prevents the plug from being pushed too deep into the drill hole. 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 |
|----------------|------------------------|-------------------|---------------------------|--------------|--------------|
| 10 050 | 4 x 20 | 4 | 25 | 100 pcs. | 8.000 pcs. |
| 10 050 | 5 x 25 | 5 | 40 | 100 pcs. | 8.000 pcs. |
| 10 050 | 6 x 30 | 6 | 35 | 100 pcs. | 8.000 pcs. |
| 10 050 | 7 x 35 | 7 | 40 | 100 pcs. | 4.000 pcs. |
| 10 050 | 8 x 40 | 8 | 50 | 100 pcs. | 4.000 pcs. |
| 10 050 | 10 x 50 | 10 | 60 | 50 pcs. | 2.000 pcs. |
| 10 050 | 12 x 60 | 12 | 70 | 25 pcs. | 1.000 pcs. |
| 10 050 | 14 x 70 | 14 | 85 | 20 pcs. | 800 pcs. |
| 10 050 | 16 x 80 | 16 | 95 | 10 pcs. | 400 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-Dübel 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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