

The expansion plug 'BEST' 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-twist protection 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



Status: 11.2025

Product specification

Article number	Dimensions Ø x L mm	Drill bit Ø mm	Drilling depth min. mm	Box contents	outer carton
10 000	4 x 20	4	25	100 pcs.	8.000 pcs.
10 000	5 x 25	5	30	100 pcs.	8.000 pcs.
10 000	6 x 30	6	35	100 pcs.	8.000 pcs.
10 000	7 x 35	7	40	100 pcs.	4.000 pcs.
10 000	8 x 40	8	50	100 pcs.	4.000 pcs.
10 000	10 x 50	10	60	50 pcs.	2.000 pcs.
10 000	12 x 60	12	70	25 pcs.	1.000 pcs.
10 000	14 x 70	14	85	20 pcs.	800 pcs.
10 000	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-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.

** The length of the screw must be selected so that it penetrates the dowel completely and protrudes from the tip of the dowel by at least its own diameter.

CONTACT US

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