

The expansion plug 'BEST' with collar 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 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



Status: 11.2025

Product specification

Article number	Dimensions Ø x L mm	Drill bit Ø mm	Drilling depth min. mm	Box contents	outer carton
10 150	5 x 25	5	30	100 St.	8.000 St.
10 150	6 x 30	6	35	100 St.	8.000 St.
10 150	8 x 40	8	50	100 St.	4.000 St.
10 150	10 x 50	10	60	50 St.	2.000 St.
10 150	12 x 60	12	70	25 St.	1.000 St.

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.

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