



Technical data sheet

Universal dowel 'UNIVERS', plastic
with collar

The universal plug 'UNIVERS' with collar expands in 3 directions in solid building materials (concrete, solid sand-lime bricks, bricks or natural stone) and knots around the screw in hollow building materials (plasterboard, lightweight boards or perforated bricks). The collar on the head prevents it from penetrating too deeply into the drill hole, but can be removed later if necessary. The plug is made of high-quality plastic and is suitable for use with wood and chipboard screws.

Temperature resistance: -40°F to +158°F

Safety coefficient: 5



Product specification

Article Item number	Dimensions Ø x L mm	Drill bit Ø mm	Drilling depth min. mm	Box contents	outer carton
10 350	5 x 29	5	35	100 pcs.	8.000 pcs.
10 350	6 x 33	6	40	100 pcs.	8.000 pcs.
10 350	8 x 46	8	60	100 pcs.	2.000 pcs.
10 350	10 x 56	10	70	50 pcs.	1.000 pcs.
10 350	12 x 67	12	80	25 pcs.	1.000 pcs.
10 350	14 x 71	14	85	20 pcs.	800 pcs.

Extraction values in kilo-Newton*

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