

Universal Plug UD



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Universal Plug UD-K

Description

The time proven design of the Universal Plug UD guarantees reliable and safe fastenings in practically all types of base materials. To be used with woodscrews.

Applications

Electric switches, cables, curtain rails, battens, bathroom appliances, shelves, lightweight cupboards.



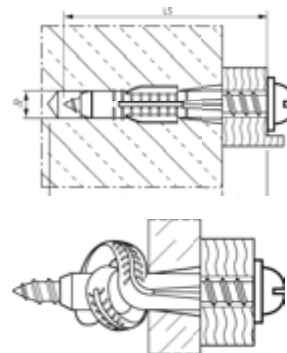
Range of loading: 0,12 kN - 1,2 kN

Universal Plug UD



- High quality plastic material
- For nearly all types of base materials

Description	Ref. No. Type UD	Ref. No. Type UD-K	Anchor length	Screw Ø	Package content	Packages per master box		Weight per master box kg	
						UD	UD-K	UD	UD-K
UD 5/31	71010101	71010181	31	3-4	100	54	54	2,8	2,8
UD 6/36	71110101	71110181	36	4-5	100	36	36	3,0	3,0
UD 8/51	71210101	71210181	51	5-6	50	27	27	3,0	3,0
UD 10/61	71310101	71310181	61	7-8	25	54	54	4,5	4,5
UD 12/71	71410101	71410181	71	8-10	25	36	27	3,5	2,7
UD 14/75	71510101	71510181	75	10-12	20	27	27	3,5	3,5



Min. screw length

anchor length
+ thickness of plaster, tile, etc.
+ fixture thickness (accessory)
+ 1 x screw diameter

= min. screw length LS

Loads and performance data			UD 5/31	UD 6/36	UD 8/51	UD 10/61	UD 12/71	UD 14/75
Mean ultimate loads, concrete C20/25	Num	[kN]	0,70	1,50	3,40	3,75	4,70	5,70
Recommended loads, concrete C20/25	rec. F	[kN]	0,14	0,30	0,68	0,75	0,94	1,14
Recommended loads, aircrete P4	rec. F	[kN]	0,12	0,18	0,32	0,42	0,42	-
Recommended loads, hollow brick HLz12	rec. F	[kN]	0,14	0,17	0,24	0,26	0,27	-
Recommended loads, gypsum plasterboard 12,5 mm	rec. F	[kN]	0,12	0,14	0,2	0,2	0,22	0,44 ¹⁾
Effective anchorage depth	hef	[mm]	31	36	51	61	71	75
Installation parameters								
Drill hole diameter ²⁾	d ₀	[mm]	5	6	8	10	12	14
Depth of drill hole	h ₁	[mm]	40	45	60	75	85	90

¹⁾2 x gypsum plasterboard 12,5 mm

²⁾Aerated concrete: Use 1 mm smaller drill bit; hollow base materials: Drill without hammer action.

Installation

