

# Universal Plug UD



Universal Plug UD



Universal Plug UD-K

**Range of loading:** 0,12 kN–1,14 kN

### 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

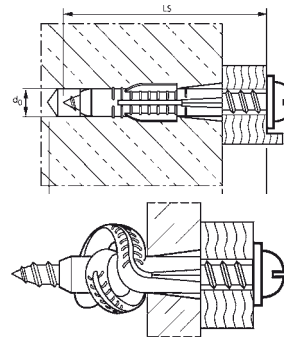
Electric switches, cables, curtain rails, battens, bathroom appliances, shelves, lightweight cupboards.



### Universal Plug UD



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



### Min. screw length

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

= min. screw length      LS

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

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
Recommended loads, concrete C20/25	rec. F	[kN]	0,14	0,30	0,68	0,75	0,94
Recommended loads, aircrete P4	rec. F	[kN]	0,12	0,18	0,32	0,42	-
Recommended loads, hollow brick HLz12	rec. F	[kN]	0,14	0,17	0,24	0,26	-
Recommended loads, gypsum plasterboard 12,5 mm	rec. F	[kN]	0,12	0,14	0,2	0,2	0,22
Effective anchorage depth	h <sub>ef</sub>	[mm]	31	36	51	61	71
<b>Installation parameters</b>							
Drill hole diameter <sup>2)</sup>	d <sub>0</sub>	[mm]	5	6	8	10	12
Depth of drill hole	h <sub>1</sub>	[mm]	40	45	60	75	90

<sup>1)</sup>2 x gypsum plasterboard 12,5 mm

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

### Installation

