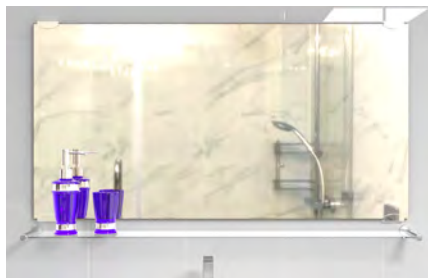


Universal plug UX

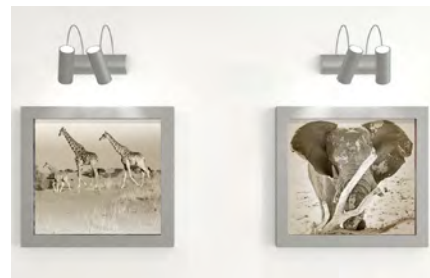
The nylon plug for all building materials.



6



Mirror fixings



Pictures

Applications

- Pictures
- Lighting
- Skirting
- Light cabinets
- Towel rails
- Mirror cabinets
- Curtain rails
- Wash basin fixings
- TV consoles
- Plumbing and heating fixings

Advantages

- The universal operating principle (knotting or expanding) allows for use in all solid, hollow and board building materials. Thus the UX is the correct choice for unknown base materials.
- The UX's angled connection ridges allow for optimum screw guidance. Serrated

anti-rotation locks prevent rotation in the drill hole. This guarantees the greatest possible installation safety.

- Fixing sets with screws, eye screws and hooks provide the right solution for all applications.

Certificates / Features



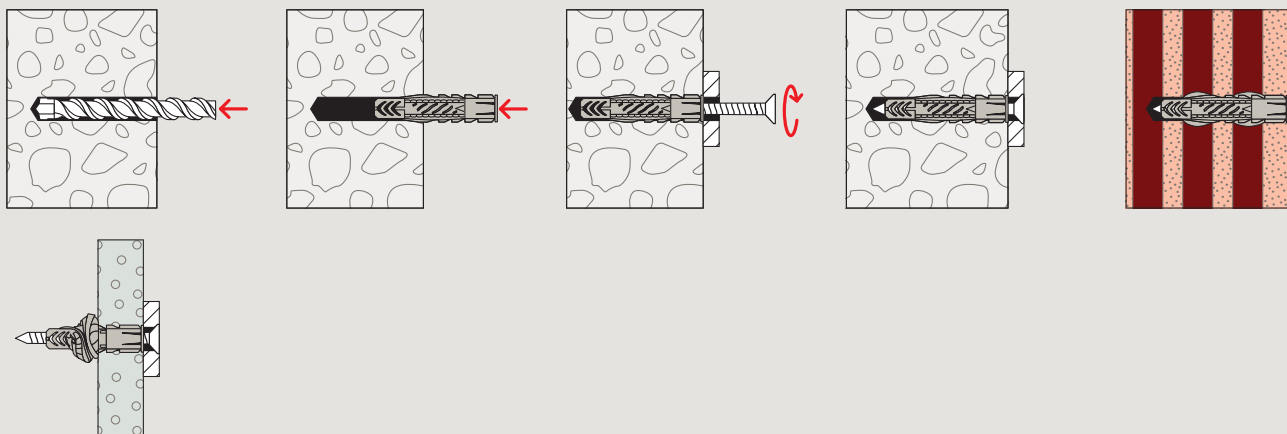
Building materials

- Concrete
- Gypsum plasterboard and gypsum fibreboards
- Vertically perforated brick
- Hollow blocks made from lightweight concrete
- Cavity floor slabs made from bricks and concrete
- Perforated sand-lime brick
- Solid sand-lime brick
- Natural stone
- Aerated concrete
- Chipboard
- Solid panel made from gypsum
- Solid brick made from lightweight concrete
- Solid brick

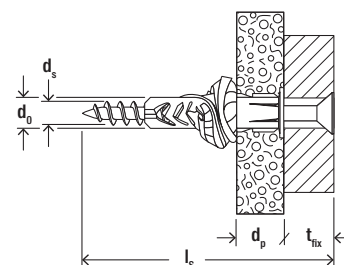
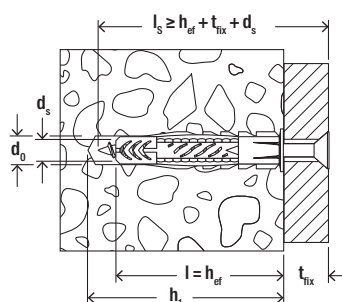
Functioning

- The UX with rim is suitable for pre-positioned installation; the UX without rim is suitable for push-through installation.
- Turning in the screw causes the UX to expand in the solid building material and to knot within the cavity.
- The required screw length is given by the plug length + fixture thickness + 1 x screw diameter.
- Suitable for wood and chipboard screws, as well as stud screws.
- In the case of board building materials, the threadless part of the screw must not be longer than the fixture, and the UX with rim is to be used.
- The edge distance must be at least one plug length.

Installation UX



6



Technical data

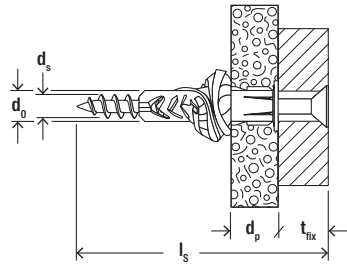
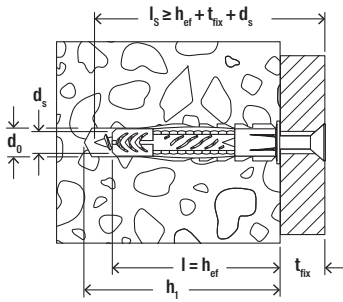
Universal plug UX



UX

UX R

	With rim	Without rim	Drill diameter	Min. drill hole depth	Min. panel thickness	Anchor length	Sales unit
	Item no.	Item no.	d_0 [mm]	h_1 [mm]	d_p [mm]	l [mm]	[pcs]
Item							
UX 5 x 30	–	094721	5	40	9.5	30	100
UX 5 x 30	094722	–	5	40	9.5	30	100
UX 6 x 35	062756	062754	6	45	9.5	35	100
UX 6 x 50	072095	072094	6	60	9.5	50	100
UX 8 x 40	505483	–	8	50	9.5	40	100
UX 8 x 50	077870	077869	8	60	9.5	50	100
UX 10 x 60	077872	077871	10	75	12.5	60	50
UX 12 x 70	–	062758	12	85	–	70	25
UX 14 x 75	–	062757	14	95	–	75	20
UX 10 x 60 R in bucket	508029	–	10	75	12.5	60	600
UX 6 x 35 R in bucket	508027	–	6	45	9.5	40	2,500
UX 8 x 50 R in bucket	508028	–	8	60	9.5	50	1,000



Technical data

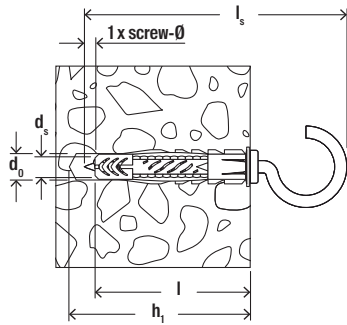
Universal plug UX with screws

6



UX R S

Item	Item no.	Drill diameter	Min. drill hole depth	Min. panel thickness	Anchor length	Wood and chipboard screws	Max. fixture thickness	Sales unit
		d ₀ [mm]	h ₁ [mm]	d _p [mm]	l [mm]	d _s [mm]	t _{fix} [mm]	[pcs]
UX 6 x 35 R S/20	094758	6	50	9.5	35	4.5 x 45	5	25
UX 6 x 50 R S/20	094759	6	65	9.5	50	4.5 x 60	5	25
UX 8 x 50 R S/25	094760	8	70	9.5	50	5.0 x 65	10	25
UX 10 x 60 S/20	094761	10	90	12.5	60	6.0 x 85	20	10



Technical data

Universal plug UX with hook



Item	UX WH		UX WH N		UX OH N		UX RH		UX RH N		Sales unit
	With rim and angle hook	With round hook (white coated)	With rim and round hook	With angle hook (white coated)	With eye-bolt (white coated)	Drill diameter	Min. drill hole depth	Min. panel thickness	Anchor length	Screw dimension	
	Item no.	Item no.	Item no.	Item no.	Item no.	d ₀ [mm]	h ₁ [mm]	d _p [mm]	l [mm]	d _s x l _s [mm]	[pcs]
	WH	RH N	RH	WH N	OH N						
UX 6 x 35	–	–	094407	–	–	6	45	9.5	35	4.5 x 67	25
UX 6 x 35	094408	–	–	–	–	6	45	9.5	35	4.5 x 51	25
UX 8 x 50	–	094412	094409	–	094414	8	60	9.5	50	5.5 x 87	25
UX 8 x 50	094410	–	–	094413	–	8	60	9.5	50	5.5 x 70	25

Technical data

Universal plug UX in bucket



UX R in bucket

		Drill diameter	Min. drill hole depth	Anchor length	Min. panel thickness	Wood and chipboard screws	Sales unit
Item	Item no.	d ₀ [mm]	h ₁ [mm]	l [mm]	d _p [mm]	d _s [mm]	[pcs]
UX 6 x 35 R in bucket	508027	6	45	40	9.5	4.0 - 5.0	2,500
UX 8 x 50 R in bucket	508028	8	60	50	9.5	4.5 - 6.0	1,000
UX 10 x 60 R in bucket	508029	10	75	60	12.5	6.0 - 8.0	600

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Technical data

Assortment boxes



Installation box Universal plug UX



Meister-Box UX + screws + hooks



Meister-Box UX / UX-R



Profi-Box UX



Profi-Box UX

		Contents	Sales unit
Item	Item no.		[pcs]
Box UX 6/8/10	093182	International version: 100 x Universal plug UX 6 x 35 70 x Universal plug UX 8 x 50 20 x Universal plug UX 10 x 60	1
Meister-Box UX + Screws + Hooks	513894	German version: 50 x Universal plug UX 6 x 35 R 25 x Universal plug UX 8 x 50 R 20 x Countersunk screw 4.5 x 45 15 x Countersunk screw 5.0 x 65 4 x Angle hook 5.5 x 70 4 x Round hook 5.5 x 70	1
Meister-Box UX / UX-R	513893	German version: 25 x Universal plug UX 6 x 35 25 x Universal plug UX 6 x 35 R 25 x Universal plug UX 8 x 50 25 x Universal plug UX 8 x 50 R 10 x Universal plug UX 10 x 60	1
Profi-Box UX + Screws + Hooks	518526	International version: 50 x Universal plug UX 6 x 35 R 25 x Universal plug UX 8 x 50 R 20 x Chipboard screw 4.5 x 45 15 x Chipboard screw 5.0 x 65 4 x Angle hook 5.5 x 70 4 x Round hook 5.5 x 70	1
Profi-Box UX / UX-R	518527	International version: 25 x Universal plug UX 6 x 35 25 x Universal plug UX 6 x 35 R 25 x Universal plug UX 8 x 50 25 x Universal plug UX 8 x 50 R 10 x Universal plug UX 10 x 60	1

Loads

Universal plug UX								
Recommended loads ¹⁾ for a single anchor. The given loads are valid for wood screws with the specified diameter.								
Type		UX 5 x 30	UX 6 x 35	UX 6 x 50	UX 8 x 40 UX 8 x 50	UX 10 x 60	UX 12 x 70	UX 14 x 75
Wood screw diameter	[mm]	4	5	5	6	8	10	12
Recommended loads in the respective base material F_{rec} ²⁾								
Concrete	≥ C20/25	[kN]	0.30	0.40	0.60	1.00	1.50	1.80
Solid brick	≥ Mz 12	[kN]	0.20	0.20	0.30	0.50	0.70	0.80
Perforated sand-lime brick	≥ KSL 12	[kN]	0.30	0.40	0.40	0.50	0.80	0.80
Vertically perforated brick	≥ HLz 12	[kN]	0.20	0.20	0.20	0.20	0.30	0.40
Aerated concrete	≥ AAC 4 (G4)	[kN]	0.15	0.20	0.20	0.30	0.40	0.70
Gypsum plasterboard	12.5 mm	[kN]	0.10	0.10	0.10	0.10	-	-
Gypsum plasterboard	25 mm	[kN]	0.10	0.15	0.15	0.15	-	-
Gypsum fibreboard	(Fermacell)	[kN]	0.20	0.20	0.20	0.25	-	-
Gypsum block	$\rho \geq 0.9 \text{ kg/dm}^3$	[kN]	-	-	-	0.15	0.35	0.50

¹⁾ Required safety factors are considered. Valid for installation and use in dry base material for temperatures in the substrate up to +24 °C (resp. short term up to +40 °C).

²⁾ Valid for tensile load, shear load and oblique load under any angle.

Loads

Universal plug UX with hook screws respective eye screws							
Recommended loads ¹⁾ for a single anchor. The given loads are valid for the included hook screws respective eye screws.							
Type			UX 6 x 35 RH	UX 6 x 35 WH	UX 8 x 50 RH	UX 8 x 50 WH	UX 8 x 50 OE
Recommended loads in the respective base material F_{rec} ²⁾							
Concrete	≥ C20/25	[kN]	0.25	0.30	0.40	0.45	0.40
Vertically perforated brick	≥ HLz 12	[kN]	0.20	0.20	0.20	0.20	0.20
Gypsum plasterboard	12.5 mm	[kN]	0.05	0.05	0.05	0.05	0.05

¹⁾ Required safety factors are considered. Valid for installation and use in dry base material for temperatures in the substrate up to +24 °C (resp. short term up to +40 °C).

²⁾ Valid for tensile load, shear load and oblique load under any angle.