

General hazard information:

- The screws for mounting the TV must not be too long, otherwise the TV could be damaged inside.
- Please ensure that the cables are not damaged during installation. Damaged cables must be replaced immediately to avoid short circuits.
- Screws must always be screwed in straight way. Please do not damage the threads of the screws, otherwise the stability of the product cannot be guaranteed.
- Observe the weight limit of the respective TV mount as specified: www.wissmann-raumobjekte.de
- TV mounts are not suitable as children's toys (damage to the product and risk of injury can be the result of improper handling)
- Claims for damage or possible warranty claims due to incorrect installation or incorrect handling cannot be made to the manufacturer.
- **Products made of glass:** observe the weight limit at www.wissmann-raumobjekte.de. Caution, glass is brittle and splinters if tilted. Always place on soft surfaces. Broken or splintered glass is a risk of accidents and should therefore be disposed of immediately.
- **TV mounts with wheels:** replace stiff wheels to avoid damage to soft wooden floors.
- **TV mounts with a rotating function:** To prevent damage to the cables due to tension, insert them loosely so that the cables are not pulled too tightly when the TV is rotated. To avoid chafing of the cables, use the spiral cover as cable protection at the cable entry.
- **TV mounts with a rotating function:** If a rotation axis is stiff (TV can hardly be rotated or cannot be rotated at all), please stop using the product and contact the manufacturer immediately: info@wissmann-raumobjekte.de
- **TV mounts for wall mounting:** our dowels are not suitable for all types of walls. Therefore, only use dowels suitable for your wall.
- **TV mounts for wall mounting:** If the wall holes were drilled too large, be sure to use larger dowels or alternatively adhesive dowels.
- **TV mounts for wall mounting:** The load-bearing capacity of the wall must be ensured by the user (the upper screws of the wall bracket bear the weight of the TV under tensile load)

Installation instructions: TV-mount solution art128

Before starting the installation, please read these instructions and follow step by step.

I.) Wall installation

The vertical column can be placed either on the right or left-hand side of the TV.

When mounting, please ensure the openings in the swivel arm face the wall.

- 1) Determining the height of the TV-Bracket: Hold the vertical stainless steel cover at the desired wall position and mark the rectangular opening on the wall.
Note: Leave at least 1,5cm (0,6 inches) above the ground, this clearance serves as exit for the cables.
- 2) The height marked to the wall is the height of the extension arm. Fit the wall mounting plate straight at this height and mark the holes (red arrows). The extension arm either faces right or left (arm-openings always facing the wall and extension arm shows always in the direction of the cut-out on the wall bracket, green arrow).



Fig. 1

- 3) For fixing the product to concrete, solid brick or sand-lime brick walls, use a 10 mm drill bit to drill the holes in a depth of 80 mm into the wall and insert the 4 wall plugs provided.

Note: The provided dowels and screws are for concrete, solid brick and sand-lime brick walls.

Note: The provided dowels cannot be used for walls made out of wood or plasterboard. For aerated concrete or perforated bricks you need to stay in the dowel's load limit.

Please make sure whether the wall is strong enough to take the load of a flatscreen TV and please make sure to take the right dowels for your wall (please pay attention to description below)

Note: the drills for the dowels have to have the right size! If these drills are too big, it could cause a negative effect to the stability of the TV-mount.

The dowels must tightly fit into the holes in the wall.

If necessary use 2K adhesive system for the dowels.

Most of the stress (tensile-load) is on the upper dowels and screws when the TV is swiveled forward 90°.

Load for the upper screws (approximate):

128-1: 4 upper screws, tensile load 35% of the TV's weight (per screw)

The provided dowels are not suitable for all wall materials.

UX 10 x 60 can be used with tension between 500 and 1,000 N (check table below). If necessary please use 2K adhesive system for the dowels.

Loads

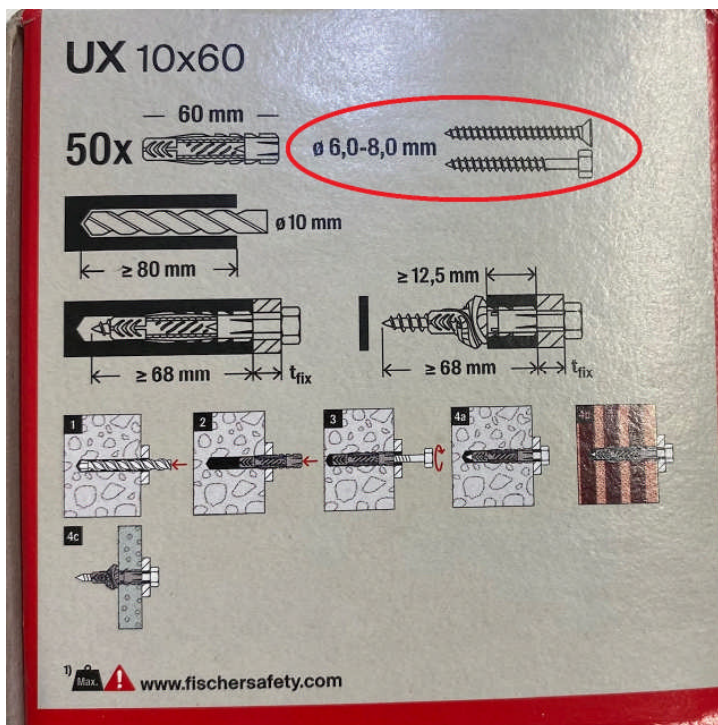
Universal plug UX

Highest recommended loads¹⁾ 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	0.60	1.00	1.50	1.80
Solid brick	≥ Mz 12	[kN]	0.20	0.20	0.30	0.30	0.50	0.70	0.80
Perforated sand-lime brick	≥ KSL 12	[kN]	0.30	0.40	0.40	0.50	0.60	0.80	0.80
Vertically perforated brick	≥ Hlz 12	[kN]	0.20	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	0.60	0.70
Gypsum plasterboard	12.5 mm	[kN]	0.10	0.10	0.10	0.10	0.10	-	-
Gypsum plasterboard	25 mm	[kN]	0.10	0.15	0.15	0.15	0.15	-	-
Gypsum fibreboard	(Fermacell)	[kN]	0.20	0.20	0.20	0.20	0.25	-	-
Gypsum block	ρ ≥ 0.9 kg/dm ³	[kN]	-	-	-	0.15	0.35	0.45	0.50

¹⁾ Required safety factors are considered.
²⁾ Valid for tensile load, shear load and oblique load under any angle.

Producer-information about dowels UX10 x 60:



For more dowel information: www.fischersafety.com

- 4) Screw the wall bracket firmly into the wall plugs using the long screws included (6 x 60 mm).
- 5) Remove the vertical TV installing plate from the end of the extension arm. For this, loosen the two screws (red arrow).

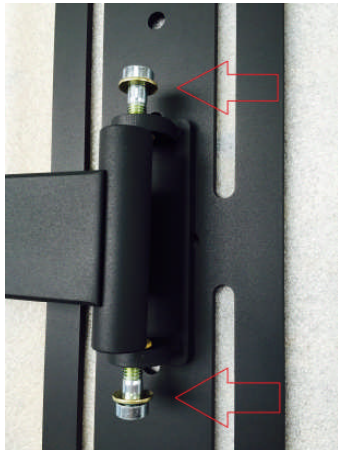


Fig. 2

- 6) Put the stainless steel cover over the extension arm (but mount it only after you install the cables)

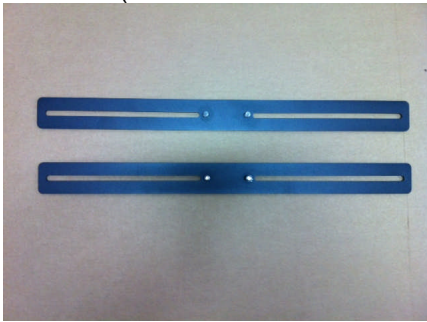


Note: The extension arm is protected by a foil. Please remove this foil after fitting the stainless steel column.

- 7) Then attach the vertical TV mounting plate at the end of the extension arm (Fig 2, red arrow).
The screws have a special coating and can only be fastened using a spanner.

II.) Installing the TV to the mount

- 1) Fit the flat profiles (29,5" long) horizontal to the rear of your flatscreen by using 4 of the 8 washers (the 4 headless screws of the profil have to show away from the TV).



Note: The assembly of the flat horizontal profiles has to be done by using the screws provided with your television. If these screws are too short, they'll have to be replaced by longer ones.

Note: Please check, that the longer screws are not too long. – If the screws touch the TV inside, the TV could be damaged. NEVER use screws which are too long.

Note: if the cables have to be plugged in behind the lower horizontal flat profil, please either do not mount this profil or use the black plastic distance holders.

Note: To support you, we have included 8 x M5, M6 and M8 screws (max. 4 of these screws will be required).

Note: If brackets are used for a soundbar, they must first be mounted on the lower flat profile (see assembly instructions).

- 2) The 4 headless screws at the rear of the TV have now to be inserted in the vertical rail of the wall mount (two people should carry the TV). Adjust the TV to the position required (would help, if a third guy can visual check that from a short distance) and then screw it tight at the rear using washers and the 4 M10 nuts.
- 3) To hide the cables route them through the lower cross bar and pull them downwards.

Note: If your flatscreen is not always in a perfect horizontal look while swivelling, this could cause due to a wrong drill size (dowels may can move in the wall).

To avoid this, please put some 2K adhesive around the dowels.

Note:

In case of any difficulties in assembling your TV onto the bracket, please do not hesitate to contact us:

info@wissmann-raumobjekte.de

We will find a solution immediately.

Final information:

- The solution art128 is produced in fine brushed stainless steel. This material is very sensitive for fingerprints. We did a special surface protection and recommend to renew that every few months to avoid those spots of fingerprints (bottle of Chromol, to renew the surface protection, is available online).