AMO® III SCREW 7.5 MM DIA.

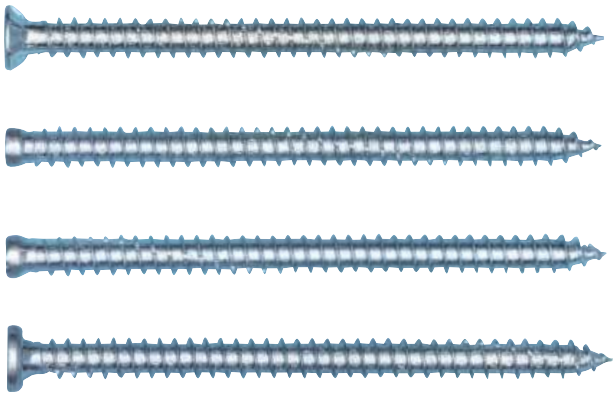
55.1

Type 1 with AW30
Head dia. 12.0 mm

Type 2 with AW25
Head dia. 7.5 mm

Type 2 with AW30
Head dia. 8.0 mm

Type 3 with AW30
Head dia. 12.5 mm



Steel, yellow galvanised

Galvanised steel, blue passivated

Proof of performance			Guidelines for mounting/ RAL Quality Association	Window walls former DIN 18056
Test reports			The attachment must safely transfer all planned forces affecting the window to the structure. The loads, i.e. the load of the window, the wind load and the working load, must be determined (see DIN 1055). In accordance with the respective valid building regulation, buildings and their components must be planned in such a way that the life and health of people are not endangered and public safety is not impaired. Attachment of the windows must also comply with this criterion. We recommend anchors 51, 52, 53, 55.1 and 55.2 for this application.	This standard applies for window walls with an area of at least 9 m2 and a side length of at least 200 cm, consisting of a support frame (frame, posts, bar) with fills (e. g. glazing). This standard does not apply to walls and glass blocks. We recommend anchors with a construction permit for this application.
Fire protection Test Report No. 3174/0649-2 from 12th January, 2000	**Testing of suitability for attaching a flood-proof window in accordance with ift directive FE-07/1 by the ift Rosenheim in Germany. Test Report No. 202 31790 from 17th May, 2006**	**Testing of a fastening element: Evaluation of the test results for practical use in window mounting by the ift Rosenheim in Germany. Test Report No. 23511241/2 from 13th February, 1990** **Testing of suitability for attaching a window to the structure with brick masonry by the ift Rosenheim in Germany. Test Report No. 50922462 from 11th October, 2000**		

1. Applications

- Tension-free spaced mounting for wooden, plastic and aluminium window frames
- Frame coupling
- Mounting of window shackles, rotary anchors and knock-in claws (short version of Type 3)

2. Advantages

- Saves time – no anchor required
- Short installation times, as no setting tools are required
- Thanks to AW® drive, longer bit service life, improved force transmission and no ejection forces
- Through-bolt mounting
- Can be loaded immediately – no wait time after setting
- High loadability through positive locking
- Removable
- Virtually no spreading forces during setting

3. Properties

- Spreading-pressure-free, positive locking and removable anchoring
- Function of load pick-up is retained even under thermal loading
- Tested fire-resistance duration of 120 minutes

Information: The correct installation of components musst be checked under consideration of the respective building situation (e.g. casement-weight, surface properties, hole pattern of the stone).

Good to know:

- **Drill perforated and hollow blocks in rotating gear (without impact mechanism).**
- **Align window frames with alignment clamps or Amo Bag.**
- **Screw length = frame width + distance + screw-in depth (also see under 55.2 Amo® III 11.5 mm).**

Setting instructions

Create drill hole | Clean drill hole | Align and affix window frame | Screw in screw | Press on cover cap