

# Technical information to square tube connectors



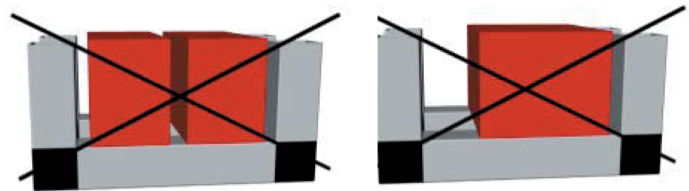
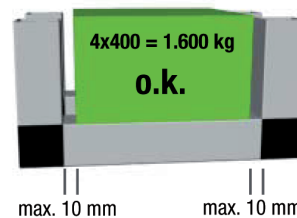
## High quality plastic tube connectors with steel core for joining square tubing

Creative use of these square tube connectors together with the specially developed aluminium profiles leads to unlimited construction possibilities. The system can be combined with many different materials e.g. laminated chipboard, glass or plastic plates. No screws required, the connectors are simply pushed into the appropriate square tubing. They can be dismantled and reused repeatedly. If removal should be prevented the connectors can be secured by gluing, screws or rivets.

### Loading of square tube connectors

25x25x1.5 and 30x30x2 square tube connectors with steel core have a compressive strength of max. 400 kg per horizontal spigot under the following conditions:

- the spacing between the exterior wall of the vertical tube and the outer edge of the load must not exceed 10 mm.
- the underside of the load is rigid enough that the applied force occurs only at the load corners (see diagram).
- the load is static i.e. no dynamic stress due to moving loads.

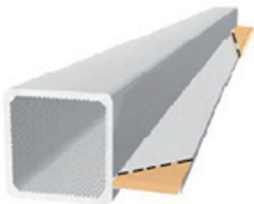


### Note:

Using items such as adjustable glides, screw plugs and swivel feet with the tube connectors can decrease the load values for the entire unit.

### Miter cuts

Miter cuts are required when square tubes with web come in contact with a plug-in connector. On request, we can supply our square tubes with web with miter cut.



By miter cuts the tube end is cut at 90° and a cut of 45° is made on the fin.

Anodizing on the tube occurs prior to the cut, so cut edges are not anodized.