



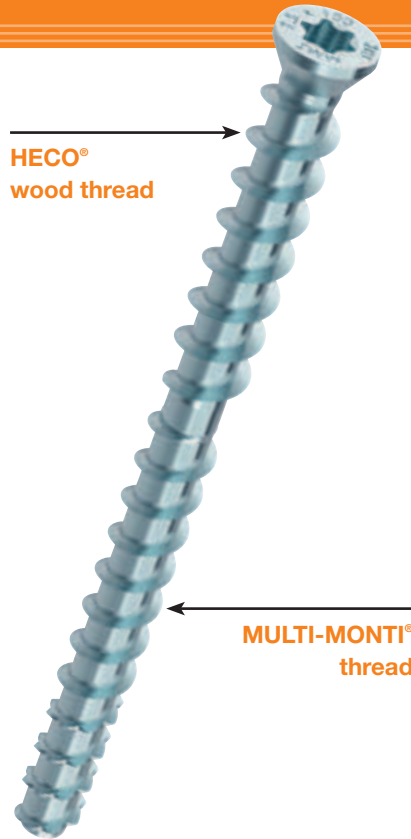
# **MULTI-MONTI<sup>®</sup>-TC** ***TimberConnect***

THE PERFECT COMBINATION  
OF SCREW ANCHOR AND WOOD SCREW



**MULTI-MONTI<sup>®</sup>-TimberConnect –**  
***the innovative purlin anchor for structural fastening of***  
***timber on to concrete***

- Ideal for securing wood components to solid masonry and concrete
- Transmission of high tensile and shear forces without any additional construction measures
- The MMS-TC can be countersunk into the wood, so a single length covers a large number of timber thicknesses
- Insertion with electric screwdriver/drill
- Small drill-hole diameter
- All the advantages of the MULTI-MONTI® installation system:
  - No torque control
  - Small edge distances
  - No cure times



Up to now, screw anchors, expansion anchors, resin bolts or threaded rods have been used for securing wood components to concrete.

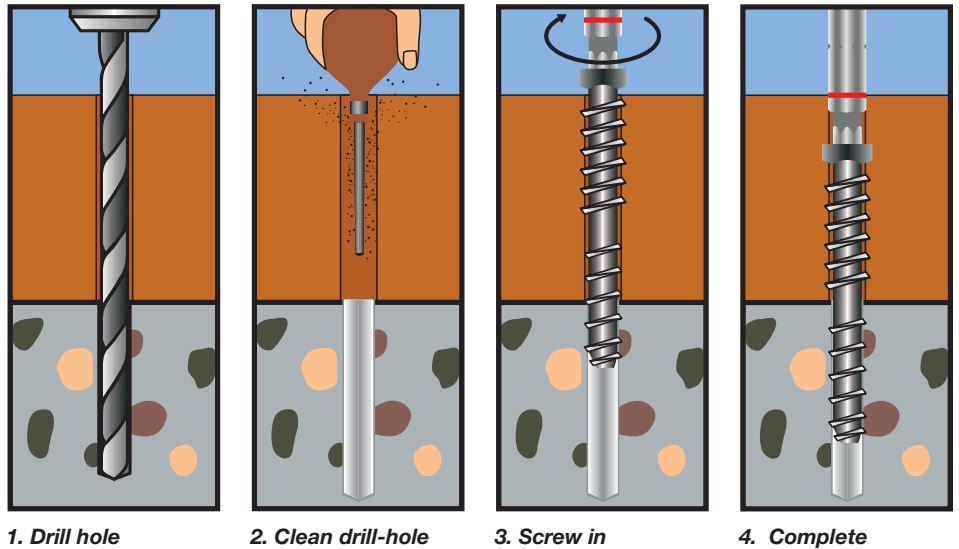
The MMS-TC from HECO® offers an alternative to these solutions. It consists of a MULTI-MONTI® concrete thread combined with a wood thread for fastening wood components. First drill a hole of the correct diameter, drive in the screw anchor with a electric screwdriver or drill, this allows the small head to be driven deep inside the timber. This means that just one length of screw anchor is required for all wood thicknesses. The load application in wood is verified by means of Eurocode 5. Here, the bend verification as per ETAG 001 Annex C, which is required when using conventional anchors, may be dispensed with for shear loads when using the MMS-TC. In addition to higher tensile loads, this also permits significantly higher transmissible shear loads, which moreover do not depend on the thickness of the component.

## CORRECTLY INSTALLED



Installing the MMS-TC to the correct screw-in depth is simple with the appropriate installation tool (see table opposite). The surface of the installation tool has a scale for the screw-in depth. A rubber ring allows the thickness of the component to be set on the tool. The correct screw-in depth is guaranteed.

## INSTALLATION INSTRUCTION



## PRODUCT RANGE

Steel bright zinc plated		MULTI-MONTI®-TimberConnect, T-Drive, steel bright zinc plated, installation tools MMS-TC			
D x L [mm]	Article no.	Packing unit [pcs.]	Min. clamping strength $t_{cl, min.}^{\circ}$ [mm]	Installation tools MMS-TC [Article no.]	
7,5 100	48308	50	40	MMS-TC installation tool T30 x 138, with T-Drive (Article no. 43603)	
10 130	48310	25	60	MMS-TC installation tool T45 x 169, with 1/2" socket wrench drive (Article no. 47095)	
12 160	48312	25	80	MMS-TC installation tool T50 x 260, with 1/2" socket wrench drive (Article no. 43605)	

<sup>°</sup> minimum thickness of structure



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