MOUNTING INSTRUCTIONS

1D - LIFTING SYSTEMS | THL – THREADED LIFTING LOOP

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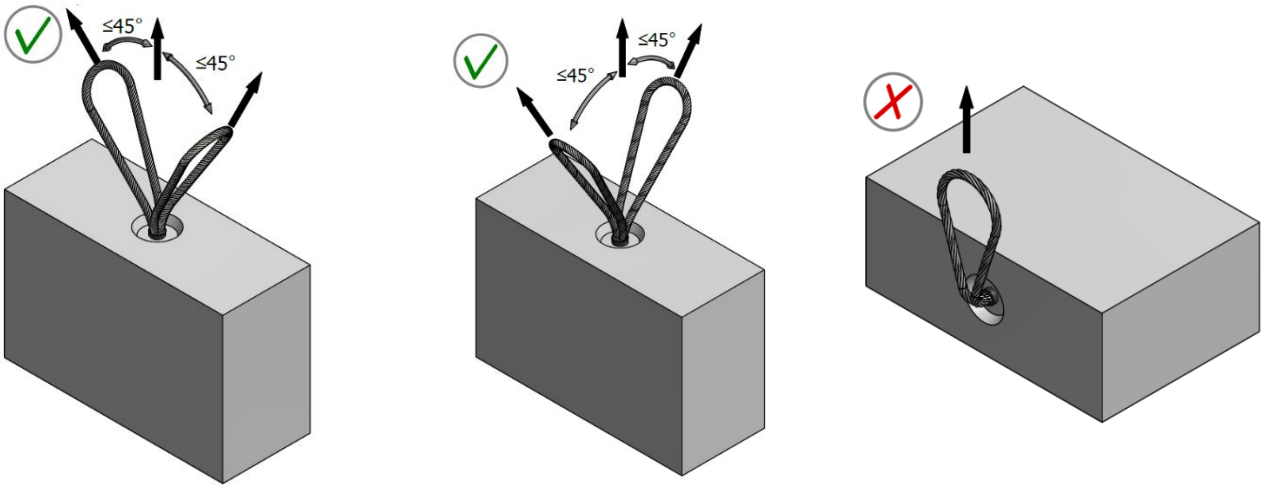
THL – APPLICATIONS

SCREWING DETAILS

Ensure that the thread is fully bottomed out in the socket before lifting. Backing off one turn is permitted to ensure that the wire is correctly aligned for lifting. **No gaps are permitted between the concrete element and the body of the lifting system: the thread must be fully threaded inside the socket.**

ADMISSIBLE LOAD DIRECTION

Threaded lifting loops are not suitable for turning or tilting.



GENERAL GUIDANCE FOR LIFTING WITH TERWA THL, THS1 and THS3

Ensure that the concrete has MPa strength of at least 15 before beginning lifting.
The first choice for most lifting applications is the lifting socket with waved rebar tail (TGK, TGL). For positioning the inserts, always check the permitted edge distances and spacing between inserts.
We recommend restricting the lift angle to a maximum of 30° when an angled lift is necessary.
To choose the proper lifting system, take into consideration how frequently the precast unit is going to be lifted.
The cast-in threaded elements (anchors or fixing inserts) can be flush or recessed for corrosion protection.
This recess is filled with fine concrete after use.
All the lifting systems are tested before delivery under a test load three times the working load (individual test for THS1 and THS3, test for every batch of THL and TIL).

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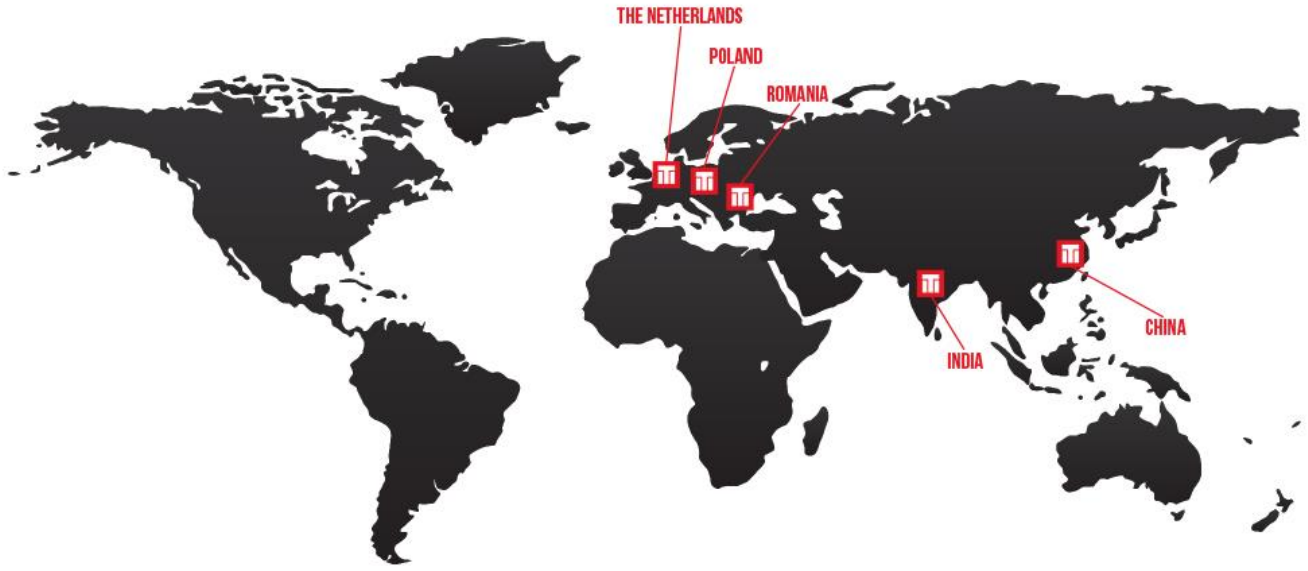

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