

NUDURA

T-FORM SUPPORT STRAPS



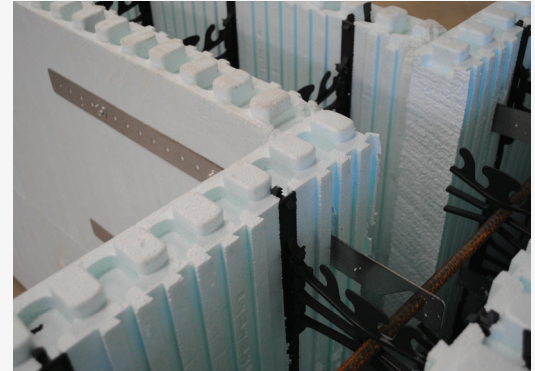
Incorporating a T-connection in your building project is an important architectural and structural feature. While NUDURA manufactures T-Forms to fit all core sizes, builders find an advantage in “site cutting” a T-connection rather than using the pre-manufactured forms. Site cutting T-connections can reduce the number of vertical stack joints and requires less time than assembling T-Forms.

To increase productivity, the NUDURA “T-Form Support Strap” was created to aid in installation and support off site cut T-connections. The steel straps are designed to hook over the internal reinforcing on the main wall of a T-Wall connection and be secured to the fastening strips of the “T” portion of the wall. Using NUDURA T-Form Support Straps reduces the amount of wood strapping and eliminates unnecessary labour as the straps do not need to be removed post-pour.



NUDURA recommends installing 2 straps on both sides of the first course; 2 on the lower web connection and 2 on the upper web connection. Additional courses are assembled in the same manner:

NUDURA T-Form Support Straps are 24” long x 1-1/2” high (610mm x 38mm), Grade A 16ga steel. Sold in bundles of 30, (code TSTRAP).



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Installation Instructions

Step 1:

Mark required location of T-Connection on the main wall.

Step 2:

Remove the foam at the connection and clip webs with shears to remove fastening strips. Cut lengths of rebar long enough to span the cut section and lock into both solid webs located on either side of the T-connection. Typically this will be a minimum length of 20" (508mm) but may be as much as 28" (711mm) in larger form sizes.

Step 3:

Push the hook end of the NUDURA T-Form Support Strap through foam and hook onto the support pieces of rebar. A small cut with a keyhole saw may make installation easier.

Step 4:

Screw the NUDURA T-Form Support Strap to the NUDURA fastening strips with NUDURA 2" (51mm) screws or equivalent. Gaps can be filled with NUDURA low expansion foam, as required.

Step 5:

Install reinforcing steel as per NUDURA Installation Manual, per Code, or as per Engineer/ Architect specifications.

Step 6:

Repeat steps 1-5 for remaining courses.

NOTE:

While the NUDURA T-Form Support Strap provides convenient support for T-Wall construction, caution must be taken while pouring concrete due to increased risk of concrete pressure. Ensure placement and vibration techniques are followed closely.

