

Instructions for Connecting Threaded Rebars Using STR Transition Coupler

1. The transition coupler is usually installed first on the reinforcing bar with the larger diameter. After removing the rubber protective cover from the rebar thread, using a special wrench (available from Sahand Company) or a pipe wrench, screw the coupler onto the rebar thread completely and tighten it firmly.
2. In the next step, after removing the rubber protective cover from the opposing reinforcing bar, screw the bar into the coupler by hand as much as possible. Then, using the special wrench (available from Sahand Company) or a pipe wrench, fully tighten the second reinforcing bar into the coupler until the last thread of the rebar. In this condition, all threads of both reinforcing bars are fully engaged inside the coupler, and it is not necessary for the ends of the rebars to touch each other.
3. If, for any reason, the rebar threads are rusty, clean them using a wire brush. If necessary, apply grease or oil to the threads before tightening.
4. To facilitate inspection and control of the connections, it is recommended to mark the couplers with red paint after securing them.
5. The responsibility for adhering to this guideline and supervising the use of mechanical connections according to international building codes lies with the contractor.

Our specialists are available at every stage of implementation to answer your questions.

