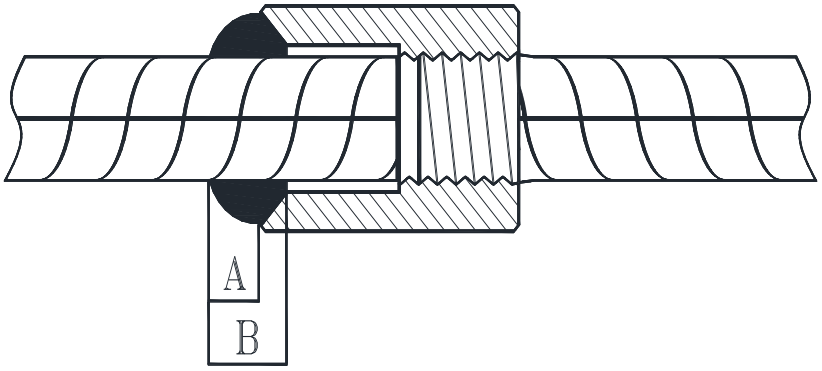
SAHAND
Mechanical Splices

WISA 8-2
40411

Instructions for Installing Rebars to One-Side Welded SWR Couplers

1. Before welding the weldable rebar coupler, thoroughly clean the welding surface to remove any grease, oil, or rust.
2. Use AWS E7018-1-H4 electrodes and an appropriate welding current. Ensure that the minimum weld width complies with the table below. Welding must be performed in a single stage and with one pass only.
3. Do not perform any forced cooling on the welded area under any circumstances.
4. To connect the threaded reinforcing bar to the weldable coupler, remove the protective cap from the rebar, then screw the rebar into the coupler and fully tighten it up to the last thread using a special wrench (available from Sahand Company) or a pipe wrench. In this condition, all rebar threads are fully engaged inside the coupler.
5. To facilitate inspection and control of the connections, it is recommended to mark the couplers with red paint after securing them.
6. 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.

Coupler Size (mm)	Weld Width A (mm)	Weld Width B (mm)
16	8	12
18	9	14
20	10	15
22	11	17
25	13	20

Coupler Size (mm)	Weld Width A (mm)	Weld Width B (mm)
28	14	21
30	15	23
32	16	24
36	18	27
40	20	30