

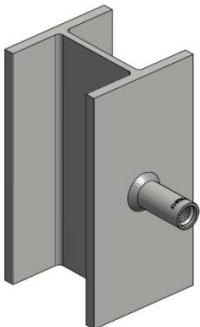
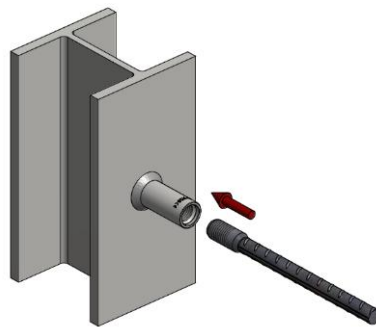
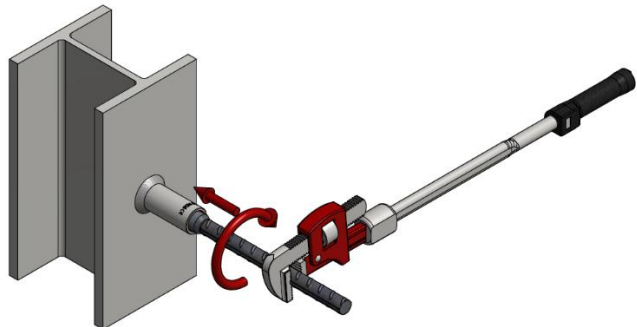
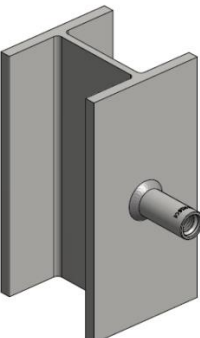
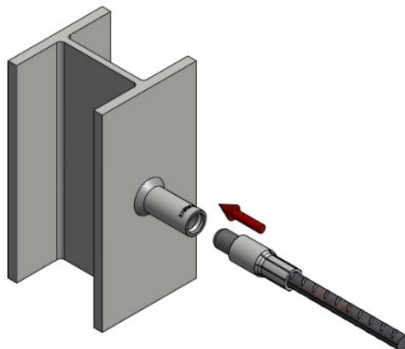
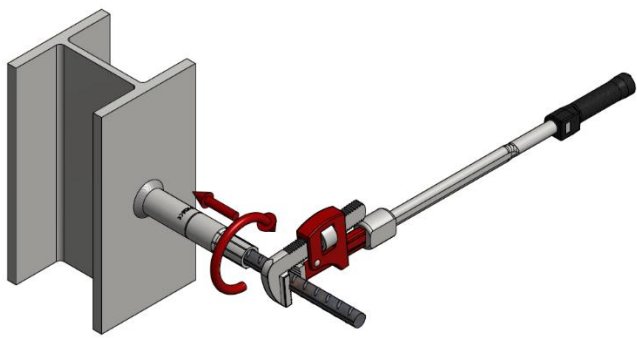
## MOUNTING INSTRUCTIONS



### REBAR CONNECTION SYSTEM | **KB-W** **THREAD WELDABLE COUPLER**



## INSTRUCTIONS FOR INSTALLING KB-W WELDABLE COUPLER

CONNECTION WITH REINFORCEMENT COUPLER TSE		
		
<i>Weld the KB-W coupler to the steel structure.</i>	<i>Position the TSE bar in the coupler.</i>	<i>Rotate the TSE bar in the KB-W coupler until tight. To ensure the quality of connection, tighten the TSE bar with a wrench. The necessary torque for each type of rebar is shown in the table on <b>page 3</b>.</i>
CONNECTION WITH PSA-PSC REINFORCEMENT COUPLER		
		
<i>Weld the KB-W coupler to the steel structure.</i>	<i>Position the PSA-PSC bar in the coupler.</i>	<i>Rotate the PSA-PSC bar in the KB-W coupler until tight. To ensure the quality of connection, tighten the PSA-PSC bar with a wrench. The necessary torque for each type of rebar is shown in the table on <b>page 3</b>.</i>

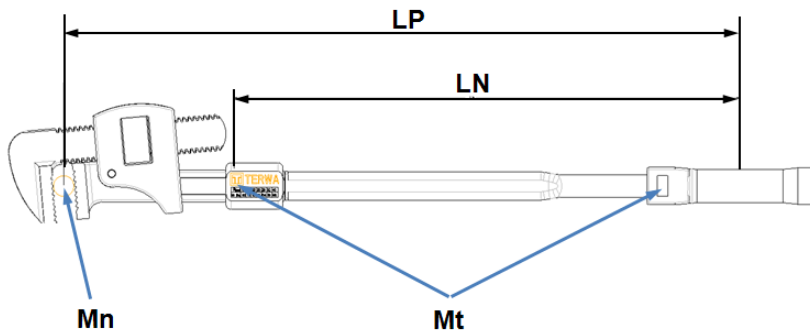
### TERWA TORQUE WRENCH

The Terwa torque wrench is specially designed for correctly mounting the Terwa coupler on site and at the factories. All Terwa wrenches are delivered with a calibration report and work instructions. The torque values for all rebar diameters are marked on the wrench. The torque values for all Terwa couplers are listed below.

Reinforcement diameter [mm]	Necessary torque for each type of rebar [Nm]	Setting torque using wrench Mt [Nm]
10	50	60
12	60	60
14	70	60
16	80	60
18	90	70
20	100	75
22	110	82
25	125	93
28	140	104
32	160	119
40	200	148



TERWA torque wrench



*Mn* – required torque  
*Mt* – setting torque using wrench  
*LP* – length to middle of each reinforcement steel  
*LN* – standard length wrench  
 $Mt = Mn \times LN/LP$

TERWA wrench dimensions

## CONTACT



TERWA is the global supplier for precast and construction solutions with multiple offices around the world. With all our staff, partners and agents, we are happy to provide all construction and precast companies who work in the building industry with full service and 100% support.

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