



TRP Machine & Tools

Rebar MBT Coupler | Bolted Coupler | Lock Shearing Bolt Coupler |
High Tensile Bolt Coupler



DESCRIPTION

MBT Couplers require neither bar end preparation to form threads nor bar rotation to effect installation. The bars are supported within the coupler by two serrated saddles.

As a series of lock shear bolts are tightened to a predetermined torque, they are embedded into the bar. At the same time, the saddles bite into both the bar and the shell of the coupler. Installation is complete when the heads of all of the bolts are sheared off. The lock shear bolts on sizes 10mm to 20mm can be tightened using a ratchet wrench. For larger sizes, a nut runner is recommended. Impact tools must not be used. MBT couplers can be used to join imperial, plain round, or deformed reinforcing bars.

REBAR COUPLER SOLUTION

Visit :- <https://trpmachines.com/>

Head Office :- Office No.3, Sandstone BLD, Near Seven Eleven Schoolastic
School, Kanakiya Road, Mira Road, Thane 401107(Mumbai)

Email :- trpmachine19@gmail.com

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Sizes :- 10,12,16,20,25,32, 40 mm

ET series couplers are used to connect reinforcing bars of the same diameter. They can be used when neither bar can be rotated and are available in sizes 10mm to 40mm.

BAR DIAMETER (MM)	12	16	20	25	32	40
EXTERNAL DIAMETER(MM)	34	39	44	51.5	63.5	73.5
COUPLER LENGTH (MM)	100	150	200	200	250	300
SOCKET SIZE	13MM	13MM	13MM	13MM	17MM	17MM
NO. OF BOLTS	4	6	8	12	12	18
APPROX WEIGHT (KG)	0.57	1.07	1.79	2.20	4.05	6.20

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Features

- Mechanically the bolted coupler doesn't require bar end preparation or rotation.
- The bolt heads shear off at a predetermined torque to provide an instant check of correct installation.
- Can be used in Applications where traditionally couplers do not work.

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