



REBAR SPlicing SOLUTION

Surya Engineering is leading manufacturer of Rebar coupler, Rebar threading machine, Rebar cold forging machine & Construction Equipment. We offer these products at most reasonable rates.



OUR CLIENTS



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MBT Rebar Coupler

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.

We Are Providing Sales & Services In all over India, Backed by a rich industrial Experience, We have come up with a World class assortment of MBT Reinforcement Rebar Coupler.



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

Why Use MBT Rebar Couplers ?

The SURYA MBT Reinforcement coupler is a mechanical connector for 10 to 40 mm diameter reinforcing-steel B500B. The positive transfer of tension and pressure forces from one rebar to the other is achieved via a self-regulating impacting-lock in the coupler.

They are easy to install and achieve failure loads higher than 110% of the characteristic yield strength of grade 500 reinforcing bar. Neither bar end preparation to form threads, nor bar rotation are required. MBT couplers can also be used to join imperial, plain round or deformed reinforcing bars.

The tensile and compression forces are transferred. The rods do not need to be pre-treated: no threading, no compression, no welding.

Features

- Mechanically bolted coupler that 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.
- Also approved for predominantly non static loading.
- No processing of the bar ends required.
- Secure control of the assembly by shearing the shear studs.
- Efficient and economical installation by using easy-to-use standard tools as well as the low break off torque of the shear studs.
- The extensive range of standard sockets, and reducing end anchors ensures predictability and flexibility for universal applications.
- Well suited for renovations and expansion.