

Mechanical Bar Splice (Coupler)

Bar Splice (Mechanical couplers) are a parallel thread mechanical splicing system designed for the connection of concrete reinforcing bars from $\Phi 12 \sim \Phi 50$.

Mechanical couplers to splice reinforcing bar has been regarded as a means of reducing the use of long bars and reduce wastage of expensive rebar's due to Splice lapping of the ends in the conventional methods of joining rebar's. More recently, engineers and installers have recognized the benefits of using couplers to increase construction speed, improve productivity and simplify design details. There are numerous mechanical splicing systems available for use on rebar, many with elements of strength and/or operational compromise



Product Features

- Couplers are designed and manufactured in compliance with ACI318, JGJ107, UBC 1997, BS8110, NF35-20-1, DIN1045, ISO/WD 15835 (Draft).
- Under Full-Tension the bar breaks during tensile tests, but Coupler the remains unbroken.
- Easy to operate and maintain, High production efficiency and fast installation, no need for skilled technicians.
- The splices can be produced in advance saving valuable construction time.
- Inexpensive to purchase, maintain and repair.
- Couplers and threaded bars are protected by plastic cover.
- Full traceability of material origin and production batch.

Benefits:

- No staggering of spliced bars required.
- Practical alternative to lap splicing.
- Solves bar congestion problems.
- Shortens construction cycle time.
- Reduces steel wastage.



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