

# MOMENT WEDGE-LOK COUPLER

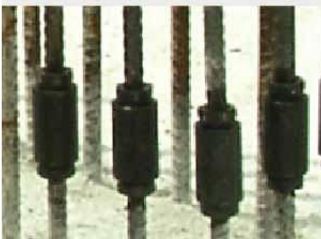


## UNIQUE FEATURES

- Simplest, efficient solution yet for connecting reinforcing bars.
- Product excellence developed thru technology used in Post-tensioning systems.
- Developed full compression and tension when installed, works like a continuous piece of rebar.
- No need for special bar end preparation or threading.
- No need to rotate bars for installation.
- Ideal solution for unthreaded "Stub" bars or "Starter" connections, non-complying with lap requirements.
- Exceeds requirements of most International Codes of Practice i.e. MS 146, BS 8110, ACI 318/318R, AS 3600 (Aust), DIN 1045(Ger), JIS G3112(Jpn), CAN 3-N 287 2/3 (Can), GB 1499-91(Chn), NFA 35-020-1 (Fr), etc.
- Another Made in Malaysia product.



MOMENT Wedge-Lok Coupler, developed thru technology used in Post-tensioning systems worldwide. A simple, efficient, and reliable method of splicing reinforcement bars today without the need of special bar end preparation or threading.



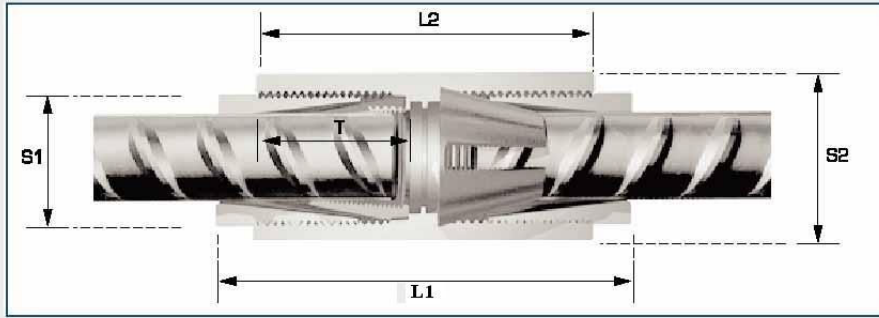
A three (3) component assembly comprising (i) main housing internally threaded (ii) one pair internal wedges, (iii) one pair lock wedges externally threaded to engage reinforcement bars.



Coupler assembly constructed from High Strength Machinery Steel (Carbon Steel S45) specially modified to withstand a breaking strength not less than 700N/mm<sup>2</sup> well above designed strength of most reinforcement bars.

Installation made easy, by inserting properly cut rebar ends into coupler, one at a time, and tightening the lock wedge using a Wrench until full tightness is achieved or verified by the specified torque values.

Recommended for use in column bars, inclined structures as well as lateral structural members and slabs. Standard size range: 16 thru 50mm. Also available in composite Wedge-Lok & Threaded connection.



- S1** - Diameter of lock stud
- S2** - Diameter of receiving member
- L1** - Overall length
- L2** - Receiving member length
- T** - Wedges insertion length

Size	S1	S2	L1	L2	T
D18	30	38	90	82	23
D20	36	45	102	80	25
D25	50	60	125	100	33

Size	S1	S2	L1	L2	T
D32	60	70	170	130	47
D40	70	80	200	160	57
D50	80	100	250	180	78

## SIMPLE AND FAST INSTALLATION STATEMENT

- Step 1** Loosen the locking midway stop of the wedge and place the coupler over the rebar.
- Step 2** Ensure the rebar reaches of the locking wedge coupler and tighten the locking.
- Step 3** Loosen the other end of the locking wedge and ensure the locking wedge coupler reaches the rebar of and tighten it.
- Step 4** Complete Installation.

