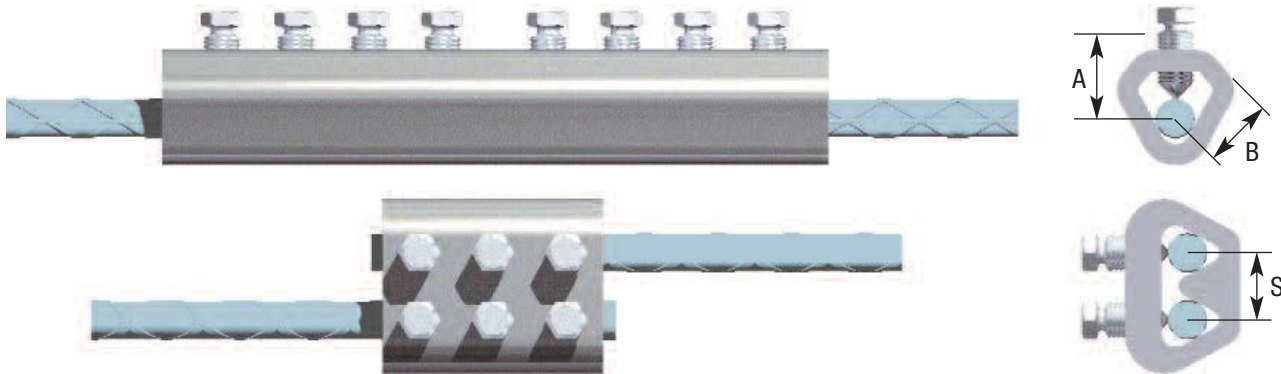


# Rebar Splicing Products

- (5460) ZAP SCREWLOCK®
- (5465) DOUBLE ZAP SCREWLOCK®

The ZAP Screwlock® is a high strength mechanical rebar connection device available for splicing #4 through #11 rebar. No rebar end preparation is required. Simply insert the ends of the two bars into the connector body. A positive center stop ensures proper installation.

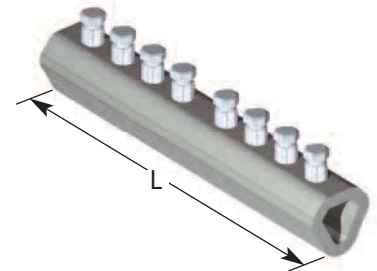


Tightening the lock-bolts generates a positive mechanical interlock as the rebar deformations are pressed into the ductile steel wedge-shaped body of the connector. Visual inspection is easily accomplished; just verify that the heads of the lock-bolts have sheared off during the tightening sequence.

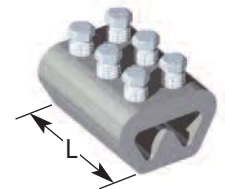
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The ZAP SCREWLOCK exceeds 125% of the specified yield strength of the rebar and is approved by or meets the following: ACI-318, ICBO and AASHTO.

ZAP SCREWLOCK DATA							
Bar Size	Nominal Coupler Wt. (lbs)	Coupler Lgth. "L" (in.)	Ave. Dim. "A" (in.)	Dimension "B" (in.)	Number of Screws / Bar	Torque (Ave.) (ft.-lbs.)	Hex Head Ø
#4	1.9	7"	1-1/16"	11/16"	3	50	1/2"
#5	3.7	9"	1-1/8"	3/4"	4	50	1/2"
#6	5.2	11"	1-3/16"	15/16"	5	50	1/2"
#7	7.6	13"	1-1/4"	1-1/16"	5	100	5/8"
#8	10.3	15-1/4"	1-5/16"	1-1/16"	6	100	5/8"
#9	16.9	16-3/4"	1-5/8"	1-1/4"	6	200	3/4"
#10	21.7	19-1/8"	1-11/16"	1-7/16"	7	200	3/4"
#11	24.7	21-1/2"	1-13/16"	1-1/2"	8	200	3/4"



DOUBLE ZAP SCREWLOCK DATA								
Bar Size	Nominal Coupler Wt. (lbs)	Coupler Lgth. "L" (in.)	Ave. Dim. "A" (in.)	Dimension "B" (in.)	Dimension "S" (in.)	Number of Screws / Bar	Torque (Ave.) (ft.-lbs.)	Hex Head Ø
#4	1.3	2-1/8"	1-1/16"	1/2"	15/16"	2	50	1/2"
#5	2.3	3"	1-1/8"	5/8"	15/16"	3	50	1/2"
#6	3.2	3-7/8"	1-3/16"	3/4"	15/16"	4	50	1/2"



Dimensions are basic for detailing purposes only. Screwlock projection heights vary with location on the rebar. Concrete cover is critical, orientate coupler to obtain dimension "B" shown above.

Note: Dimensions are subject to change without notice. An alternate design may be recommended for the above to suit the application or specification required.

To Order, Specify: quantity, type and rebar size.

P:1.630.596.9999

F:1.630.596.9995

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