

## Mechanical Lap Splice

**SAFETY FIRST!** In all cases, follow jobsite safety plans and consider your own personal safety. Make sure you are wearing PPE, and are securely positioned so that you will not slip or fall during installation.

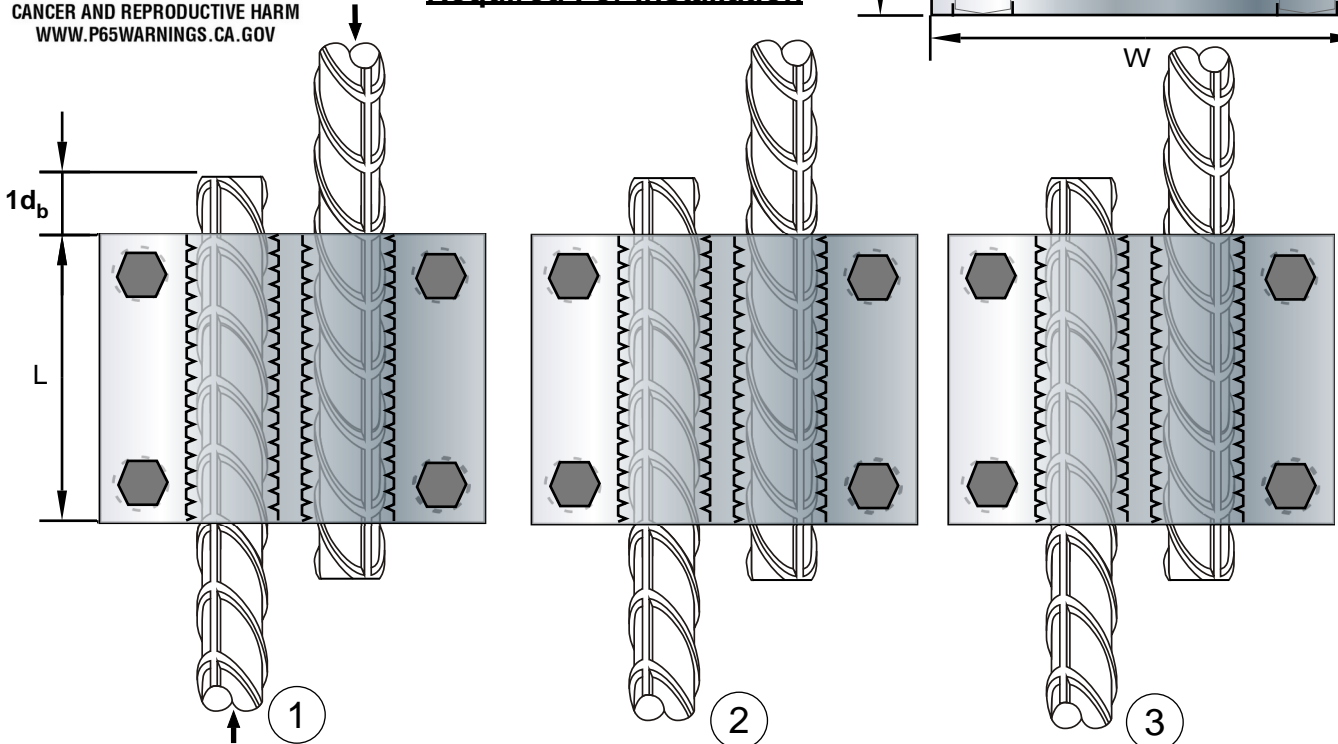
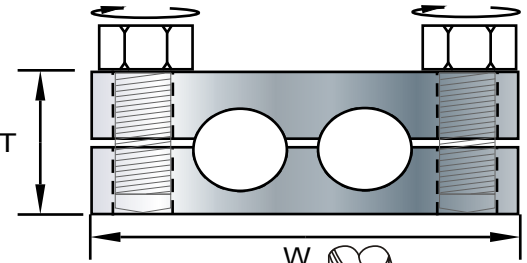
CALIFORNIA PROP. 65 WARNING



CANCER AND REPRODUCTIVE HARM  
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### Torque Wrench

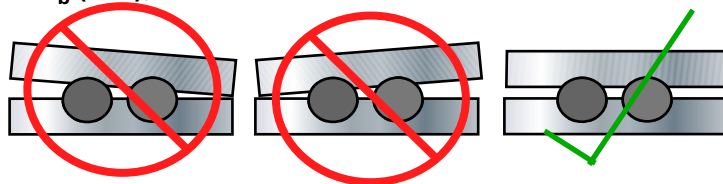
### Required For Installation



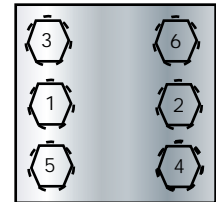
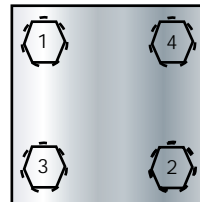
Clean debris and concrete off bar end. Grind down burrs and imperfections if necessary. Loosen bolts as needed, but do not fully remove. Insert bars into the gripper sleeves. **Bars must extend beyond edge of coupler by at least  $1d_b$  (MIN), or more.**

Hand-tighten all bolts down **evenly** to a snug fit following the pattern shown below. Repeat process using a torque wrench set to **80-100 lb/ft** to tighten all bolts.

Repeat process using a torque wrench set to **130 lb/ft** to tighten all bolts to complete installation.



### BOLT TIGHTENING PATTERN



#4 / #5

#6

**BOLTS WILL BREAK AT 150 lb/ft.  
DO NOT OVER-TIGHTEN.**

Contact HRC if you need replacement bolts.

Bar Size	$d_b$	L [in]	W [in]	T [in]	# of Bolts
#4	0.500	2.50	2.72	1.46	4
#5	0.625	2.50	2.72	1.46	4
#6	0.750	3.50	3.05	1.68	6

Dimensions shown are approximate.  
All data subject to change without notice.