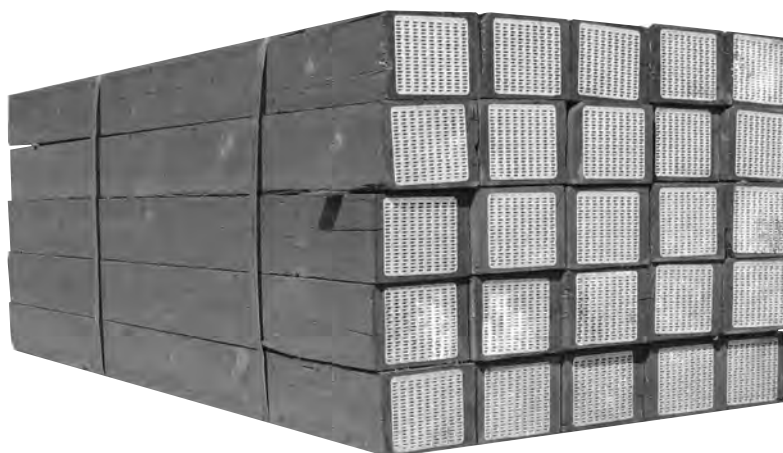


# WOOD TIES, TIE PLUGS

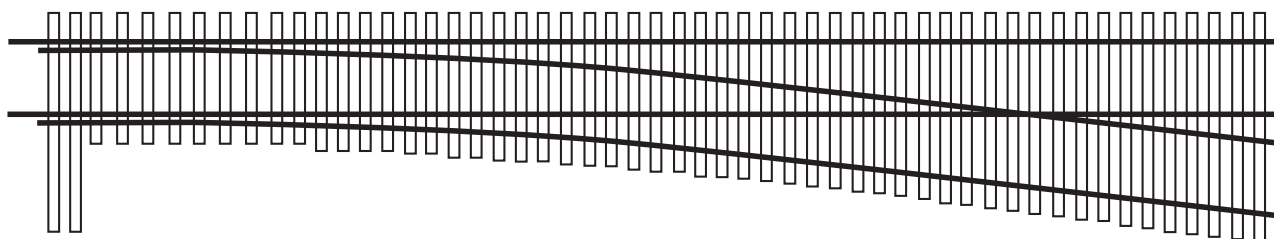
## Tie Plugs

Fill spike holes in new or used ties with durable 5/8" square, 4-3/4" long plugs. Available in treated (20 lb/bundle) or untreated cedar (18 lb/bundle). Sold in 500-count bundles. We stock headed plugs for secure installation.



Standard-gauge cross ties are pressure-treated and typically come in 8' or 8'6" lengths, with cross sections of 6" x 8", 7" x 8", or 7" x 9". Available in various wood species, hardwood ties often include end plates to prevent splitting. Both new and high-quality relay (used) ties are in stock.

For standard-gauge turnouts (Frog Nos. 6–11), the table below lists required tie quantities and lengths per AREMA specs (rounded up to the nearest foot). Board measurements assume 7" x 9" cross sections. Industrial track applications can use sets with slightly wider tie spacing.



**Bill of Switch Ties for Turnouts with Straight Switches\***

Frog No.	Length of Switch Rail	Toe Length to 1/2" Pt.	Lead P.S. to 1/2" Pt.	Lengths and Quantities of Ties (Lengths in 1'-0" Multiples)										Quant. of Ties	Board Measure
				9'	10'	11'	12'	13'	14'	15'	16'	17'			
6	11'0"	3'9"	47'6"	4	9	5	5	3	3	5	5	2	41	2683	
7	16'6"	4'8-1/2"	62'1"	7	13	6	5	3	4	6	6	2	52	3329	
8	16'6"	5'1"	68'0"	7	13	6	6	4	5	7	6	3	57	3701	
9	16'6"	6'4-1/2"	72'3-1/2"	7	13	7	7	6	5	8	6	4	63	4127	
10	16'6"	6'5"	78'9"	7	15	8	7	6	6	7	8	4	68	4452	
11	19'6"	7'0"	83'6"	9	14	9	8	7	6	8	8	4	73	4762	

\*No. 11 shown is for curved switch