

**Table I.2 Tightening Torque for Slotted Head Screws Smaller Than No. 10 Intended for Use with 8 AWG (8.4 mm<sup>2</sup>) or Smaller Conductors**

Slot Length of Screw <sup>a</sup>		Tightening Torque, N-m (lbf-in.)	
		Slot width of screw smaller than 1.2 mm (0.047 in.) <sup>b</sup>	Slot width of screw 1.2 mm (0.047 in.) and larger <sup>b</sup>
mm	in.		
Less than 4	Less than $\frac{5}{32}$	0.79 (7)	1.0 (9)
4	$\frac{5}{32}$	0.79 (7)	1.4 (12)
4.8	$\frac{3}{16}$	0.79 (7)	1.4 (12)
5.5	$\frac{7}{32}$	0.79 (7)	1.4 (12)
6.4	$\frac{1}{4}$	1.0 (9)	1.4 (12)
7.1	$\frac{9}{32}$		1.7 (15)
Above 7.1	Above $\frac{9}{32}$		2.3 (20)

<sup>a</sup>For slot lengths of intermediate values, select torques pertaining to next shorter slot lengths. Also, see 9.1.9.6 of UL 486A-486B-2013, *Wire Connectors*, for screws with multiple tightening means. Slot length shall be measured at the bottom of the slot.

<sup>b</sup>Slot width is the nominal design value.