

## TIGHTENING TORQUE BY BOLT TYPE

Smaller than No. 10 intended for use with No. 8 AWG or smaller conductors		
Slot Length of Screw, Inch (mm) <sup>b</sup>	Tightening Torque, Pound-Inches (N•m)	
	Slot Width of Screw, inch (mm) <sup>a</sup>	
	Smaller Than 0.047 (1.2)	0.047 (1.2) and Larger
Less than <sup>5</sup> / <sub>32</sub> (4)	7 (0.79)	9 (1.0)
<sup>5</sup> / <sub>32</sub> (4)	7 (0.79)	12 (1.4)
<sup>3</sup> / <sub>16</sub> (4.8)	7 (0.79)	12 (1.4)
<sup>7</sup> / <sub>32</sub> (5.6)	7 (0.79)	12 (1.4)
<sup>1</sup> / <sub>4</sub> (6.4)	9 (1.0)	12 (1.4)
<sup>9</sup> / <sub>32</sub> (7.1)		15 (1.7)
Above <sup>9</sup> / <sub>32</sub> (7.1)		20 (2.3)

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

<sup>b</sup> For slot lengths of intermediate values, select torques pertaining to next shorter slot length. Slot length is to be measured at the bottom of the slot.

Socket Head Screws			
Socket Size Across Flats, Inch (mm)		Tightening Torque, Pound-Inches (N•m)	
<sup>1</sup> / <sub>8</sub>	(3.2)	45	(5.1)
<sup>5</sup> / <sub>32</sub>	(4.0)	100	(11.3)
<sup>3</sup> / <sub>16</sub>	(4.8)	120	(13.6)
<sup>7</sup> / <sub>32</sub>	(5.6)	150	(16.9)
<sup>1</sup> / <sub>4</sub>	(6.4)	200	(22.6)
<sup>5</sup> / <sub>16</sub>	(7.9)	275	(31.1)
<sup>3</sup> / <sub>8</sub>	(9.5)	375	(42.4)
<sup>1</sup> / <sub>2</sub>	(12.7)	500	(56.5)
<sup>9</sup> / <sub>16</sub>	(14.3)	600	(67.8)