

Table I shows the recommended tightening torques for silicon bronze, stainless steel, galvanized steel and aluminum alloy hardware. The shaded portion represents torques presently recommended by NEMA-CC1-1984 specification.

**TABLE I  
TIGHTENING TORQUES**

Bolt Diameter	Nominal Torque Values			
	Silicon Bronze, Galvanized or Stainless Steel		Aluminum Alloy (Lubricated)	
	Ft.-Lbs.	Inch-Lbs.	Ft.-Lbs.	Inch-Lbs.
<sup>5</sup> / <sub>16</sub> -18	15	180	–	–
<sup>3</sup> / <sub>8</sub> -16	20	240	14	168
<sup>1</sup> / <sub>2</sub> -13	40	480	25	300
<sup>5</sup> / <sub>8</sub> -11	55	660	40	480
<sup>3</sup> / <sub>4</sub> -10	80	960	70	840