

**MATERIALS PROPERTIES  
(Modulus of Elasticity)**

Material	E - psi	E - n/mm <sup>2</sup>
Hot rolled steel	2.9 (10) <sup>7</sup>	2.0 (10) <sup>5</sup>
Cold rolled steel	2.95 (10) <sup>7</sup>	2.03 (10) <sup>5</sup>
18-8 Stainless	2.75 (10) <sup>7</sup>	1.89 (10) <sup>5</sup>
Rolled 17ST aluminum	1.00 (10) <sup>7</sup>	6.89 (10) <sup>4</sup>
Annealed copper	1.56 (10) <sup>7</sup>	1.07 (10) <sup>5</sup>