

Section 610

610-13 COUPLINGS, JOINTS, GASKETS AND FLANGES

(C) Bolts and Nuts

(1) For pipe 12 inches and smaller: Bolts and nuts for use in field connections or for connecting fittings shall be carbon steel equivalent to ASTM A307, Grade B, with zinc plating in accordance to ASTM B633 TY II, SC 2. Zinc plated bolts shall have class 2A threads and the nuts used with them shall have Class 2B threads. All bolt diameters shall normally be 1/8 inch smaller than the bolt hole diameter. High strength, heat treated cast iron tee-head bolts with hexagon nuts, all in accordance with the strength requirements of AWWA C-111, may be used in lieu of the zinc plated bolts and nuts for jointing mechanical joint cast iron or ductile iron pipe and fittings only.