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ASTM A47 Ferritic malleable castings intended for general use.

ASTM A47 covers ferritic malleable castings intended for general use at temperatures from normal ambient to approximately 750°F. A47 castings are limited to one available grade: grade 32510 for imperial castings, grade 22010 for metric castings.

A47 Mechanical Properties

Grade	Tensile, min	Yield, min	Elongation, min%	Hardness, typical
32510 (English)	50,000psi	32,500psi	10 in 2"	156 HBN
22010 (Metric)	340MPa	220MPa	10 in 50mm	156 HBN

Casting Examples

Popular examples of castings often made to ASTM A47 include Round Malleable Washers, Shear Plates and Ogee Washers.



HAIYAN BOLT

海盐百伦紧固件有限公司