



# ASTM A47



## Scope

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.

## 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.

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