

# ASTM A48



### Scope

ASTM A48 covers gray iron castings intended for general use. A48 castings are supplied based solely on tensile strength, no chemical requirements or ductility is specified.

### Mechanical Properties

Class Number	Tensile Strength, ksi min
20	20
25	25
30	30
35	35
40	40
45	45
50	50
55	55
60	60

### Class Type

Class Type	Nominal Test Bar Diameter, inches
A	0.88
B	1.2
C	2
S	Agreed on between

*Example, casting would be called out as A48-30A*

### Casting Examples

*Popular examples of castings often made to ASTM A48 include Hillside Washers and Ogee Washers.*

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