

Material: ASTM A148 Grade 80-50

Standard Specification for Steel Castings, High Strength, for Structural Purposes

Group: Ferrous Mild Steel Alloys

Sub Group: ASTM A148 / A148M Steel Castings, High Strength for Structural Purposes

Application: Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade

Belongs to the Industry: *Casting*

Heat Treatment

Mechanical Properties	
Tensile Strength in Mpa	550 min.
Yield Strength in Mpa	345 min.
Elongation in %	22 min.
Reduction of Area in %	35 min.
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			Hardness in Brinell	Impact in Joule	-
Material	Standard	Country	Grade Belong to the Industry		
D50500	UNS	USA		Casting	
A148 Grade 150-135	ASTM	USA		Casting	
A148 Grade 90-60	ASTM	USA		Casting	
A148 Grade 105-85	ASTM	USA		Casting	
A148 Grade 115-95	ASTM	USA		Casting	
A148 Grade 130-115	ASTM	USA		Casting	
Grade 135-125	ASTM	USA		Casting	

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