

Material: ASTM B505 High-Leaded Tin Bronze UNS C93900

Standard Specification for Copper Alloy Continuous Casting

Group: Non-Ferrous Copper Alloy

Sub Group: ASTM B505 / 505M Copper Alloys for Continuous Casting

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

Belongs to the Industry: Rod, Bar, Tube and Shapes

Chemical Composition			Heat Treatment	
Tin	Sn %	5.000 - 7.000	As-Cast	
Lead	Pb %	14.000 - 18.000		
Zinc	Zn %	1.500 max.		
Ni + Cu	Ni% + Cu%	0.800 max.		
Iron	Fe %	0.400 max.		
Antimony	Sb %	0.500 max.		
Sulphur	S %	0.080 max.		
Phosphorus	P %	1.500 max.		
Aluminium	Al %	0.005 max.		
Silicon	Si %	0.005 max.		
Copper	Cu %	76.500 - 79.500		
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-	-	-		
-	-	-		
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-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B30 C93900	ASTM	USA	Ingot and Casting
B505 C93900	ASTM	USA	Casting
SB-505 C93900	ASME	USA	Casting
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