

# Material: ISO 3522 Al 99.5

## Standard Specification for Aluminium and Aluminium Alloys

**Group:** Non-Ferrous Aluminium Alloy

**Sub Group:** ISO 3522 for Aluminium and Aluminium Alloys

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

**Belongs to the Industry:** Casting

Chemical Composition			Heat Treatment	
Silicon	Si %	0.150 max.	As-Cast	
Iron	Fe %	0.300 max.		
Copper	Cu %	0.020 max.		
Manganese	Mn %	0.030 max.		
Magnesium	Mg %	0.005 max.		
Zinc	Zn %	0.050 max.		
Titanium	Ti %	0.020 max.		
Aluminium	Al %	99.500 min		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	0
			Yield Strength in Mpa	0
			Elongation in %	0
			Reduction of Area in %	-
			Hardness in HBW	-
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
EN 1050A	ONORM	Australia	Wire
EN 1050A	CSN	Czech Republic	Wire
EN 1050A	SFS	Finland	Wire
EN 1050A	BS	British	Wire
EN 1050A	UNE	Spain	Wire
EN 1050A	AFNOR NF	France	Wire
EN 1050A	UNI	Italy	Wire

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