



## Material - BS EN 2114 1050A

### Standard Specification for Aerospace Series Aluminium Wire for Solid Rivets

Group - Non-Ferrous Aluminium Alloy

Sub Group - BS EN 2114 Aerospace Series Aluminium Wire for Solid Rivets

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

Grade Belongs to the Industry - Wire

Chemical Composition			Heat Treatment	
Copper	Cu %	0.050 max.	As-Cast	
Iron	Fe %	0.040 max.		
Magnesium	Mg %	0.050 max.		
Manganese	Mn %	0.050 max.		
Silicon	Si %	0.250 max.		
Titanium	Ti %	0.050 max.		
Zinc	Zn %	0.070 max.		
Other	Ot%	0.030 max.		
Aluminium	Al %	99.500 min.		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	100 min.
			Yield Strength in Mpa	-
			Elongation in %	-
			Reduction of Area in %	-
			Hardness in HB	-
			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
Al 99.5	ISO	International	Casting
EN 1050A	UNE	Spain	Wire
EN 1050A	AFNOR NF	France	Wire
EN 1050A	UNI	Italy	Wire

**Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email [marketing@gravitycastindia.com](mailto:marketing@gravitycastindia.com)**

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