



## Material - UNI EN 2114 1050A

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

Group - Non-Ferrous Aluminium Alloy

Sub Group - UNI 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	
Magnesium	Mg %	0.050 max.		
Silicon	Si %	0.250 max.		
Iron	Fe %	0.400 max.		
Manganese	Mn %	0.050 max.		
Titanium	Ti %	0.050 max.		
Zinc	Zn %	0.070 max.		
Other	Ot%	0.030 max.		
Aluminium	Al %	99.500 min.		
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			Mechanical Properties	
			Tensile Strength in Mpa	65 - 160
			Yield Strength in Mpa	20 - 95
			Elongation in %	1.5 - 30
			Reduction of Area in %	-
			Hardness in HB	18 - 38
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
3.025	DIN	Germany	Ingot
1050A	EN	European Union	Wire
Al 99.5	ISO	International	Casting
LM0	BS	British	Ingot and Casting
A5	AFNOR NF	France	Coil, Strip and Sheet
1050A	CSN	Czech Republic	Wire
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**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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