

## SPECIFICATIONS

Commercial	5056A - OBSOLETE
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3L58 cold drawn and fully annealed soft wire rivet stock

## CHEMICAL COMPOSITION

BS 3L58(1971) Alloy 3L58	
Element	% Present
Magnesium (Mg)	4.50 - 5.50
Manganese + Chromium (Mn+Cr)	0.10 - 0.50
Iron (Fe)	0.0 - 0.50
Manganese (Mn)	0.0 - 0.50
Silicon (Si)	0.0 - 0.30
Chromium (Cr)	0.0 - 0.25
Titanium + Zirconium (Ti+Zr)	0.0 - 0.20
Nickel (Ni)	0.0 - 0.20
Zinc (Zn)	0.0 - 0.20
Copper (Cu)	0.0 - 0.10
Tin (Sn)	0.0 - 0.05
Lead (Pb)	0.0 - 0.05
Aluminium (Al)	Balance

Material shall be supplied annealed.

## ALLOY DESIGNATIONS

Aluminium alloy 3L58 - 5056A is covered by Standard BS EN 3L58 (1971)

## TEMPER TYPES

The most common temper for 3L58 - 5056A aluminium rivet stock is cold drawn and fully annealed/fully soft

- O - Soft

## SUPPLIED FORMS

L58-5056A aluminium is supplied as cold drawn wire for rivet stock

- Wire

## MECHANICAL PROPERTIES

BS 3L58(1971) Wire	
Property	Value
Tensile Strength	265 Min N/mm <sup>2</sup>

Material shall be subjected to a torsion test.

This specification was declared obsolescent on 01 April 1999. It is susceptible to intergranular corrosion.

## CONTACT

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## REVISION HISTORY

Datasheet Updated	09 January 2014
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