



## Nickel Alloy - ASTM B164-03 (2014)

### SPECIFICATIONS

Commercial	Alloy 400
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63% (minimum) Nickel Alloy with Copper to ASTM B165

### CHEMICAL COMPOSITION

ASTM B164-03 (2014) Alloy 400	
Element	% Present
Nickel (Ni)	63 max
Copper (Cu)	28 - 34
Iron (Fe)	2.5 max
Manganese (Mn)	2 max
Silicon (Si)	0.5 max
Carbon (C)	0.3 max
Cobalt (Co)	0.25 max
Sulphur (S)	0.24 max

### CONTACT

Address:	Wilsons Ltd Nordic House Old Great North Road Huntingdon PE28 5XN
Tel:	+44 (0)1480 456421
Email:	sales@wilsonsmetals.com
Web:	www.wilsonsmetals.com

### REVISION HISTORY

Datasheet Updated	26 February 2019
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### MECHANICAL PROPERTIES

ASTM B164-03 (2014)	
Property	Value
Proof Stress	170-585 Min MPa
Tensile Strength	480-760 Min MPa
Elongation A50 mm	8-35 Min %

A wide range of Mechanical requirements applies according to size and the degree of cold or hot work that has been applied. For full details consult the published specification.

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