




## **Introducing Monel\* 400**

**Alloy 400 is a nickel-copper alloy which offers a high strength and toughness over a broad temperature range whilst offering excellent resistance to various corrosive environments.**

**\* Trade names of Special Metals Group of Companies**



Grade Names	
Grade	Alloy 400
Werkst.	2.4361 / 2.4360
UNS	N04400
AWS	040

Applicable Standards	
AMS	4730
ASTM	B164
BS	3075 NA 13
BS	3076 NA 13
NACE	MR 0175

Chemical Analysis								
	C	Mn	Si	S	Fe	Co	Ni+Co	Cu
Min %	-	-	-	-	-	-	63	28
Max %	0.30	2.00	0.50	0.024	2.50	2.00	70	34

Tensile Strengths	
Condition	Tensile
Annealed	400 – 600 N/mm <sup>2</sup>
Spring Temper	850 – 1050 N/mm <sup>2</sup>

Available in	
Round Wire	0.08 mm (0.00315") to 12.00 mm (0.472" dia.)
Profile Wire	Up to 45 mm <sup>2</sup> area in any shape

Packaging	
Spools	To customers requirements
Coils	0.50 kg coils through to 100+
Cut Lengths	10 mm to 10 metres

## Typical Applications

- + Electronics
- + Marine Environments
- + Springs
- + Heat Exchangers
- + Filtration

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