



Hastelloy\* C-4





## Introducing Hastelloy\* C-4

Alloy C-4 is a nickel-chromium-molybdenum alloy which offers outstanding stability and high temperatures. C-4 has excellent resistance to stress-corrosion cracking at temperatures up to 1900°F (1038°C)

\*Trade name of Haynes International



Grade Names	
Grade	Alloy C-4
Werkst.	2.4610
UNS	N06455
AWS	052

Applicable Standards	
ASTM	B619
ASTM	B574

Chemical Analysis															
	C	Mn	Si	P	S	Cr	Co	Mo	Fe	Al	Ti	Ni	Nb/Cb	Ta	Cu
Min %	-	-	-	-	-	14	-	14	-	-	-	-	-	-	-
Max %	0.015	1.00	0.08	0.04	0.03	18	2.00	17	3.00	-	0.70	Bal.	-	-	-

Tensile Strengths	
Condition	Tensile
Annealed	800 – 1100 N/mm <sup>2</sup>
Spring Temper	1300 – 1500 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

- + Seawater Environments
- + Chemical Processing

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