

Incoloy 925 fasteners offer the same level of corrosion resistance as alloy 825, but with precipitation hardened high strength. Due to their age hardened strength, these bolts are ideal for applications like down-hole oil & gas that demand a combination of corrosion resistance and strength. Incoloy 925 are known for their high level of general corrosion resistance as well as resistance to sulfides and chlorides.

### Properties

Ultimate Tensile Strength	99.3 – 167.3 ksi
Yield Strength at 0.2%	39.3 – 120.6 ksi
Elongation %	27-56
Usable Temperature Limit	1200°F / 650°C

*Strength dependent on age hardening*

### Key Benefits

- Excellent age hardened high strength
- Good resistance to both oxidizing and reducing environments.
- Good resistance to chlorides and sulfides.
- Often used in sour gas because of their excellent resistance to sulfide stress cracking

### Chemistry & Specifications

Incoloy 925	Ni	Fe	Cr	Mo	Cu	Ti	C	Mn	S	Si	Al	Nb
Min %	42	22	19.5	2.5	1.5	1.9	-	-	-	-	0.1	-
Max %	46	-	22.5	3.5	3.0	2.4	0.03	1.0	0.03	0.5	0.5	0.5

SPECIFICATIONS: UNS N09925, ASTM B637, NACE MR0175

### Material Data

