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## **MANIAR SPECIFICATION**

### **Nickel – Alloy 405 UNS No 4405**

Chemical Composition : The chemical composition is according to UNS No 4405 :

	C	Mn	Cu	Si	S	Ni	Fe
Min.	---	---	28.0	---	0.025	63.00	---
Max.	0.03	2.0	34.0	0.05	0.060	Bal.	2.5

Mechanical Properties: Mechanical Properties is in accordance with ASTM B164

	Yield Strength Ksi (MPa)	Tensile Strength ksi (MPa)	Elongation
Min.	70.0 (483)	90.0 (621)	15%
Max.	100.0 (690)	130.0 (896)	---

Hardness : 35 HRC maximum