

Alloys Name		MONEL 400	
UNS Number	N04400	Density(g/cm ³)	8,83
Chemical Composition(%)	Carbon	0.3 max	
	Copper	28 - 34	
	Iron	2.5 max	
	Manganese	2 max	
	Nickel	Balance	
	Silicon	0.5 max	
	Sulphur	0.024 max	
Mechanical Property(Normal Temperature)			
Condition	Tensile Strength 100psi(Mpa)	Yield Strength 100psi(Mpa)	Hardness Brinell (Rockwell)
Annealed	70-90(480-620)	25-50(170-340)	110-149
Specification	Nicorros(tm) Silverin 400(tm) Nickelvac 400(tm) CM 400(tm) AMS 4574 AMS 4575 AMS 4675 AMS 4730 AMS 4731 ASTM B127 ASTM B163 ASTM B164 CLASS A ASTM B165 ASTM B366 ASTM B513 ASTM B564 ASTM F467 ASTM F468 ASTM F96 DIN 2.4360 DIN 2.4366 MIL N-24106 MIL T-1368 MIL T-23520 QQ N281 UNS N04400		
Description/Applications	<ul style="list-style-type: none"> * High strength and toughness over wide temperature range, * Excellent resistance to reducing corrosive environments, * Good weldability, * Used in heat exchangers, food processing, petroleum refinery and chemical processing industry applications. 		