

Alloys Name	HASTELLOY B-2		
UNS Number	N10665	Density(g/cm ³)	9,22
Chemical Composition(%)	Carbon	0.02 max	
	Chromium	1 max	
	Cobalt	1 max	
	Iron	2 max	
	Manganese	1 max	
	Molybdenum	27 - 29	
	Nickel	Balance	
	Phosphorus	0.04 max	
	Silicon	0.1 max	
	Sulphur	0.03 max	
Mechanical Property(Normal Temperature)			
Condition	Tensile Strength 100psi (Mpa)	Yield Strength 100psi(Mpa)	Hardness Brinell (Rockwell)
Annealed	132,5(914)	57,5(396)	228(B-98)
Specification	Nimofer 6928(tm) Nickelvac HB-2(tm) HASTELLOY(r) B-2 alloy(tm) ASTM B333 ASTM B335 ASTM B366 ASTM B564 ASTM B619 ASTM B622 ASTM B626 DIN 2.4615 DIN 2.4617 GE B50T38 UNS N10665		
Description/Applications	* Ni-28Mo alloy with superior resistance to hydrochloric acid, aluminum chloride castalysts and other strongly reducing chemicals. Exellent high-temperature strength in inert atmospheres or vacuum, * Used in reducing environments(never oxidizing) or vacuum, * Used in chemical processing application, and other hydrchloric acid environments.		