

Alloys Name		HASTELLOY G-30	
UNS Number	N06030	Density(g/cm <sup>3</sup> )	8,22
<b>Chemical Composition(%)</b>	Carbon	0.03 max	
	Chromium	28 - 31.5	
	Cobalt	5 max	
	Copper	1 - 2.4	
	Iron	13 - 17	
	Manganese	1.5 max	
	Molybdenum	4 - 6	
	Nickel	Balance	
	Niobium	0.3 - 1.5	
	Phosphorus	0.04 max	
	Silicon	0.8 max	
	Sulphur	0.02 max	
	Tungsten	1.5 - 4	
Mechanical Property(Normal Temperature)			
Condition	Tensile Strength 100psi(Mpa)	Yield Strength 100psi(Mpa)	Hardness Brinell (Rockwell)
Annealed	100(690)	47(324)	176(B-88)
<b>Specification</b>	HASTELLOY(r) G30(r) alloy ASTM B366 ASTM B581 ASTM B582 ASTM B619 ASTM B622 DIN 2.4603 UNS N06030		
<b>Description/Applications</b>	* Ni-30Cr-15Fe-6Mo-2.5W alloy which has many advantages over other metallic and non-metallic materials in handling phosphoric acid, sulfuric acid and oxidizing acid mixtures. * Applications are pipe and tubing in phosphoric acid manufacture, sulfuric acid manufacture, FGDS system, fertilizer and pesticide manufacture.		