

Inconel 740H

UNS N07740

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Nickel

Chromium

Cobalt

<https://www.arialloy.com/inconel-740h/>

• Chemical Composition •

C%	Mn%	Si%	P%	S%	Cr%	Co%	Mo%
0.005 ~ 0.08	≤ 1.0	≤ 1.0	≤ 0.030	≤ 0.030	23.5 ~ 25.5	15.0 ~ 22.0	≤ 2.0
Ti%	Al%	B%	Fe%	Cu%	Ni%	Nb% + Ta%	
0.5 ~ 2.5	0.2 ~ 2.0	0.0006 ~ 0.006	≤ 3.0	≤ 0.50	Balance	0.5 ~ 2.5	

• Mechanical Properties •

Product	Condition	T.S.	Y.S.	EL	RA	Hardness
		MPa, min	MPa, min	%, min	%, min	HB
Seamless Tube	Solution & Aged	1035	620	20	...	...

• Physical Properties •

Density		Melting Range	
lb/in ³	g/cm ³	°F	°C
0.291	8.05	2350 ~ 2484	1288 ~ 1362

• Main Standards •

Pipe & Tube
ASTM B983

• Products Available •

 Seamless Pipe & Tube