

ASTM A240 is a standard material specification for Titanium stabilized 321 stainless steel sheets, plates and strips for pressure vessels and general applications. Boltport uses 321 sheets, plates or strips to ASTM A240/A240M specification to manufacture flat sheet washers and other sheet metal components.



Chemical Composition (AISI 321 / 1.4541 / UNS S32100)

Element	C	Mn	P	S	Si	Cr	Ni	N	Ti
Min	16.00	10.00	...	5*(C+N)
Max	0.08	2.00	0.045	0.030	0.75	18.00	14.00	0.10	0.700

Mechanical Properties

Attributes	Value
Ultimate Tensile Strength, ksi (Mpa)	75 [515]
0.2% Yield strength, ksi (Mpa)	30 [205]
% Elongation in 2 Inch (min)	40
Cold Bend Test	Not Required
Hardness HBW [HRB]	217 [95]



Products

Washers

Components

Boltport Fasteners LLP

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