

ASTM A240 is a standard material specification for Chromium Nickel Molybdenum Stainless Steel alloy 316 sheets, plates and strips for pressure vessels and general applications. Boltport uses 316 sheets, plates or strips to ASTM A240/A240M specification to manufacturer flat sheet washers and other sheet metal components.



Chemical Composition (AISI 316 / 1.4401 / UNS S31600)

Element	C	Mn	P	S	Si	Cr	Ni	Mo	N
Min	16.00	10.00	2.00	...
Max	0.08	2.00	0.045	0.030	0.75	18.00	14.00	3.00	0.100

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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