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Fastening  
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Manufacturer of Industrial Fasteners

## ASTM A240 Type 410

ASTM A240 specification covers stainless steel plates, sheets and strips for pressure vessels and general applications. This specification covers chemical composition and mechanical properties for various grades of ferritic, austenitic, martensitic, duplex, super duplex and high moly stainless steel alloys. Boltport frequently uses sheets and plates of 410 conforming to ASTM A240 specification for manufacturing sheet metal washers for bolting assemblies.

### Chemical Composition

Element	C	Mn	P	S	Si	Cr	Ni
Min, %	0.08	...		...		11.50	...
Max, %	0.15	1.00	0.040	0.03	1.000	13.50	0.750

### Mechanical Properties

Tensile Strength, ksi, min	65
Yield Strength, ksi, min	30
Elongation, %, min	20
Hardness, max	217 HBW or 96 HRB

\* This of Martensitic Stainless Steel 410 Grade can be Hardened to achieve 300 - 320 HRC.

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