

ASTM A194 Grade 8 is a standard material specification for high tensile nuts and other internally threaded fasteners, made from **304 Stainless Steel**. Grade 8 nuts can be produced by means of hot forging, cold forging or machining from heat treated bar stock and used with ASTM A193 B8 bolts, screws and studs. ASTM A194 specification covers requirements for chemical composition, heat treatment, hardness, proof load, etc., for Grade 8 nuts.



Chemical Composition (304/304L Stainless Steel)

Element	C	Mn	P	S	Si	Cr	Ni
Min	18.00	8.00
Max	0.08	2.00	0.045	0.030	1.00	20.00	11.00

Mechanical Properties

Size Diameter (INCH) ==>		All Sizes
Completed Nuts	BHN	126 - 300
	HRC, max	32
	HRB, min	60



Products

Nuts Internal Threaded Parts

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