

Chemical Requirements
Carbon Alloy & Stainless Steel Heavy Hex Nuts
ASTM A194/ASME SA194



Cutting your studs... and costs!

Composition in percent

Grade	Carbon	Manganese Max	Phosphorus Max	Sulfur Max	Silicon Max	Chromium	Nickel	Molybdenum
2H	0.4	1.00	0.04	0.05	0.4	---	---	---
2HM	0.4	1.00	0.04	0.05	0.4	---	---	---
3	0.1	1.00	0.04	0.03	1	4.0-6.0		0.40-0.65
7L	0.38-0.48	0.75-1.00	0.035	0.04	0.15-0.35	0.80-1.10	---	0.15-0.25
8	0.08	2.00	0.045	0.03	1.00	18.0-20.0	8.0-11.0	---
8M	0.08	2.00	0.045	0.03	1.00	16.0-18.0	10.0-14.0	2.00-3.00

DISCLAIMER: Please note that this information is produced for general information purposes only. Please consult the appropriate material specification to ensure the specific information you require is accurate.