AMB AmeriBolt

A Division of Lonestar Group

MATERIAL TEST REPORT

AMB **LSF**

PO# P1579935 **SO#** 608698

12 PCS

Item: 3/4-10 X 5" HEAVY HEX BOLT

Material Specification: ASTM A193/A193M (24) B8M CL 1 316SS
ASME SA193/SA193M (23) B8M CL 1
EN 10204 3.1

JOB#:	140192		
Heat Number:	CL8W	**Melt & Manufactured:**	USA
Tensile Strength KSI:	97	**Yield Strength KSI:**	79
Elongation:	40	**Reduction of Area:**	69
Hardness:	182 HB	**Wedge Tensile PSI:**	95300-96100
Macro Etch:	NA	**Tempering Temp.:**	NA

Annealed, Cold Drawn
Mercury Free / No Weld Repair

Carbon (C):	0.017	**Chromium (CR):**	16.670
Manganese (MN):	1.360	**Molybdenum (MO):**	2.039
Phosphorus (P):	0.026	**Copper (CU):**	NA
Sulfur (S):	0.022	**Nitrogen (N):**	NA
Silicon (SI):	0.250	**Nickel (NI):**	10.600
Cobalt (CO):	NA	**Aluminum (AL):**	NA
Vanadium (V):	NA	**Tin (SN):**	NA
Tungsten (W):	NA	**Titanium (TI):**	NA
Columbium/Niobium (NB/CB):	NA	**Boron (B):**	NA
Calcium (CA):	NA		

"AmeriBolt is a Lonestar Fasteners approved bolting products supplier"

We hereby certify that the material was manufactured, sampled, tested and inspected per the most recent revision of the product or material specification. The foregoing data was furnished to us by our supplier or resulting from a test performed in a recognized laboratory and is on file in the records of the corporation.

Jose Rodriguez
Quality Manager

ANGELIA BORDEN
MTR Administrator

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Date created 8/10/2026

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MATERIAL TEST REPORT

AMB **LSF**

PO# P1579935 **SO#** 608698

50 PCS

Item: 3/4-10" HEAVY HEX NUT

Material Specification: ASTM A194/A194M (25) GRADE 8M 316
ASME SA194/SA194M (23) GRADE 8M 316
EN 10204 3.1

LOT#:	130958		
Heat Number:	DN4W	**Melt & Manufacture:**	USA
Hardness:	90 HRB	**Proof Loads LBS:**	30730

Solution Treated
Mercury Free / No Weld Repair

Carbon (C):	0.020	**Chromium (CR):**	16.560
Manganese (MN):	1.400	**Molybdenum (MO):**	2.087
Phosphorus (P):	0.033	**Copper (CU):**	NA
Sulfur (S):	0.022	**Nitrogen (N):**	NA
Silicon (SI):	0.310	**Nickel (NI):**	10.590
Cobalt (CO):	NA	**Aluminum (AL):**	NA
Vanadium (V):	NA	**Tin (SN):**	NA
Tungsten (W):	NA	**Titanium (TI):**	NA
Columbium/Niobium (NB/CB):	NA	**Boron (B):**	NA
Calcium (CA):	NA		

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MATERIAL TEST REPORT

AMB **LSF**

PO# P1579935 **SO#** 608698

26 PCS

Item: 3/4-10 X 3-1/2" HEAVY EHX BOLT

Material Specification: ASTM A193/A193M (25) B8M CL 1 316SS
ASME SA193/SA193M (24) B8M CL 1
EN 10204 3.1

JOB#:	158694		
Heat Number:	DH9W	**Melt & Manufactured:**	USA
Tensile Strength KSI:	96	**Yield Strength KSI:**	80
Elongation:	45	**Reduction of Area:**	70
Hardness:	170 HB	**Wedge Tensile Strength PSI:**	93900-96100

Annealed, Cold Drawn
Mercury Free / No Weld Repair

Carbon (C):	0.017	**Chromium (CR):**	16.630
Manganese (MN):	1.370	**Molybdenum (MO):**	2.047
Phosphorus (P):	0.030	**Copper (CU):**	NA
Sulfur (S):	0.030	**Nitrogen (N):**	NA
Silicon (SI):	0.380	**Nickel (NI):**	10.610
Cobalt (CO):	NA	**Aluminum (AL):**	NA
Vanadium (V):	NA	**Tin (SN):**	NA
Tungsten (W):	NA	**Titanium (TI):**	NA
Columbium/Niobium (NB/CB):	NA	**Boron (B):**	NA
Calcium (CA):	NA		

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MATERIAL TEST REPORT

AMB LSF

PO# P1579935 **SO#** 608698

30 PCS

Item: 1-8 X 5" HEAVY HEX BOLT

Material Specification: ASTM A193/A193M (23) B8M CL 1
ASME SA193/SA193M B8M CL 1
EN 10204 3.1

JOB#:	115225		
Heat Number:	Y51N	**Melt & Manufacture:**	USA
Tensile Strength KSI:	96	**Yield Strength KSI:**	79
Elongation:	43	**Reduction of Area:**	68
Hardness HB:	202 HB	**Wedge Tensile PSI:**	92800-94400
Macro Etch:	NA	**Tempering Temp.:**	NA

Solution Annealed
Mercury Free

Carbon (C):	0.019	**Chromium (CR):**	16.710
Manganese (MN):	1.580	**Molybdenum (MO):**	2.035
Phosphorus (P):	0.031	**Copper (CU):**	NA
Sulfur (S):	0.021	**Nitrogen (N):**	NA
Silicon (SI):	0.330	**Nickel (NI):**	10.660
Cobalt (CO):	NA	**Aluminum (AL):**	NA
Vanadium (V):	NA	**Tin (SN):**	NA
Tungsten (W):	NA	**Titanium (TI):**	NA
Columbium/Niobium (NB/CB):	NA	**Boron (B):**	NA
Calcium (CA):	NA		

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ANGELIA BORDEN
Completed By:

JOSE' RODRIGUEZ
Quality Manager

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