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AmeriBolt

A Division of Lonestar Group

MATERIAL TEST REPORT

AMB **LSF**

PO# P1384157 **SO#** 345694

Item:	3/4-10 X 4-1/4 ALL THREAD STUD		
Material Specification:	ASTM A193(17) B7 ASTM F1554(18) GR. 105 S4		ZINC PLATED
LOT#:	W9775		
Heat Number:	10609390		
Tensile Strength KSI:	138	**Yield Strength KSI:**	127
Elongation:	19	**Reduction of Area:**	63
Hardness:	30 HRC	**Charpy Impact -20 F:**	113/133/114
Macro Etch:	S2/R2/C2	**Tempering Temp.:**	1326 F
Quenched and Tempered		**Decarburization:**	0.0035

Carbon (C):	0.410	**Chromium (CR):**	0.930
Manganese (MN):	0.880	**Molybdenum (MO):**	0.210
Phosphorus (P):	0.010	**Copper (CU):**	NA
Sulfur (S):	0.024	**Nitrogen (N):**	NA
Silicon (SI):	0.280	**Nickel (NI):**	NA
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.

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