



MILL TEST REPORTS

Bonney Forge
14496 Croghan Pike
Mt. Union, PA 17066

CERTIFIED MILL TEST REPORT

Maintenance Metals 8/30/2022

LOT NO.
51230

CHEMICAL ANALYSIS, PHYSICAL PROPERTIES, REMARKS
2" 3M A105 90 Degree Elbow Threaded

C	0.186	MN	1.050	P	0.016	S	0.020	SI	0.201
NI	0.070	CR	0.200	MO	0.020	CU	0.280	CO	0.012
V	0.024	CB	0.001						
CE(LONG FORMULA) = 0.433									
T/S(PSI) 77433 Y/S(PSI) 48676 EL(%) 37.900 RA(%) 63.620									
BRINELL HARDNESS 139, 137									

[Click here for Original Steel Mill Certification](#)

1. CERTIFYING ASTM A105-18 / ASME SA105-19 EDITION.
2. THE MATERIAL SUPPLIED MEETS THE REQUIREMENTS OF NACE MR0175/ISO 15156-2.
3. THE MATERIAL SUPPLIED WAS INSPECTED AND MANUFACTURED IN ACCORDANCE WITH EN DIN 10204:2004 EDITION TYPE 3.1 INSPECTION DOCUMENT.
4. THE ELONGATION TEST RESULTS ARE OBTAINED USING STANDARD ROUND SPECIMEN, 2 INCH OR 50 MM GAGE LENGTH.

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