



**AMWIL**<sup>®</sup>  
INTERNATIONAL  
Building Connections That Last

# Certificate of Test

ITEM INFORMATION

Part Number: 0361156201 Description: 1 1/4 3M THD FULL CPLG, FORG  
 Heat Code: CA0905H Heat Number: 0117696H  
 Reference No.:  
 Part Specification:  
 Starting Material: P005910000 Description: 1 1/4 3M THD FULL CPLG, FORG  
 Fitting Trademark: BOTH-WELL STEEL FITTINGS  
 Specification: ASTM A105/A105M-14 / ASME SA105

CHEMICAL ANALYSIS %

C	Mn	P	S	SI	Cu	Ni	Cr	Mo	V	cb	CE	Ti
.18	1.00	.015	.004	.19	.09	.06	.09	.01	.002	.00	.06	.0016

PHYSICAL PROPERTIES

Yield KSI	Yield PSI	Yield MPA	Tensile KSI	Tensile PSI	Tensile MPA	Elongation	REDUCTION OF AREA %	BRINELL HARDNESS 1
49	49000	338	75.8	75800	523	35.1	65.1	145

SUPPLEMENTAL INFORMATION

EN 10204 3.1 (2004) WE CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF THE MILL CERTIFICATE, ISSUED BY THE MANUFACTURER OF THE STEEL EMPLOYED OR THE LABORATORY WHICH HAS DETERMINED IT, AS RETAINED IN THE RECORDS OF THE COMPANY. WE MAKE NO REPRESENTATION BEYOND THOSE OF THE MANUFACTURER OR ITS AGENT. NACE MRO175/ISO1516-2:2003/TC1-2005. ELONGATION TEST RESULTS ARE OBTAINED USING A STANDARD ROUND SPECIMEN, 2 IN OR 50 MM GAGE LENGTH.