



**ANWIL**  
INTERNATIONAL  
Building Connections That Last

**Certificate of Test**



**J.B. SMITH MFG.**

ITEM INFORMATION

Part Number: 0361156805 Description: 21/2 3000 FS THRD CPLG  
 Heat Code: JPGA Heat Number: 31KA0759  
 Reference No.:  
 Part Specification:  
 Starting Material: Y4ALBFAKM Description:  
 Fitting Trademark: JBS-J.B. SMITH MFG  
 Specification: ASTM A105/A105M-14 / ASME SA105

CHEMICAL ANALYSIS %

C	Mn	P	S	SI	Cu	NI	Cr	Mo	V	CE
.26	.84	.012	.022	.23	.04	.01	.05	.010	.003	.42

PHYSICAL PROPERTIES

Yield PSI	Yield MPA	Tensile Psi	Tensile MPA	Elongation	REDUCTION OF AREA %	BRINNELL HARDNESS 1	BRINNELL HARDNESS 2
47560	328	76415	527	34	65	156	154

Heat Treatment: NORMALIZED. MERCURY FREE.

SUPPLEMENTAL INFORMATION

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. J.B. Smith Mfg makes no representation beyond those of the manufacturer or its agent. Threads conform to ASME B16.11 Elongation Test Results are obtained using standard round specimen 2" 50mm gage length