



Certificate of Test

ITEM INFORMATION

Part Number: 0362061004	Description: 1 3000 FS SKT/W COUPLING
Heat Code: D192	Heat Number: D192
Reference No.:	ASTM A105/A105M-14/ASME SA105-14 NACE MR 0103/MR 0175/ISO15156-2
Part Specification:	

CHEMICAL ANALYSIS %

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ch/Nb	Al	Co	CE
0.1900	1.0000	0.0080	0.0200	0.2300	0.2200	0.0900	0.1200	0.0200	0.0220	0.0050	0.0440	0.0080	0.410

CE (LONG FORMULA) = 0.410

PHYSICAL PROPERTIES

Yield KSI	Yield PSI	Yield MPA	Tensile KSI	Tensile PSI	Tensile MPA	Elongation	REDUCTION OF AREA %	HARDNESS 1 BHN/HRC	HARDNESS 2 BHN/HRC
53	53000	365	77	77000	531	28.00	40.00	147	155

IMPACT TESTING

TYPE	TEMP	SMPL#			AVG	%SHEAR	LAT EXP
		# 1	# 2	# 3			
CHARPY							

SUPPLEMENTAL INFORMATION

THE ORIGINAL MANUFACTURER'S CERTIFICATION MEETS THE REQUIREMENTS OF EN 10204 TYPE 3.1. 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.