



MATERIAL CERTIFICATE

PS07/F2
rev.1

ISO 9001: approved
CE 2014/68/EU: approved

JCFV CERTIFICATE
P.O. Nº : 349857
DATE: 01.02.2022

EN 10204 – 2.2
MAT. CERT. Nº: SH045487
DATE : 29.11.2022

COMPONENT : NUT

SPECIFICATION / MATERIAL :
ASTM A194 Gr. 8M Ed. 22

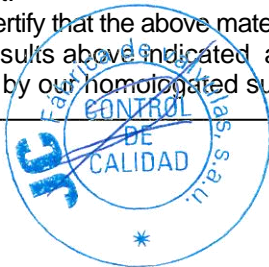
HEAT TREATMENT: SOLUTION 1060°C*2H+WATER COOLING.

MACRO ETCH TEST:
SATISFACTORY

CHEMICAL COMPOSITION %									PHYSICAL PROPERTIES						
	C	Mn	S	P	Si	Cr	Ni	Mo	Yield St.	Tensile St.	Elonga Tion	Reduc. Area	Hardness	Impact Strength ISO V	T.
Min	-	-	-	-	-	16.00	10.00	2.00	-	-	-	-	126		
Max	0.08	2.00	0.030	0.045	1.00	18.00	14.00	3.00	-	-	-	-	300		
Heat Nº	Qty								Mpa	Mpa	%	%	HB	J	°C
NUT															
FN180227AS10	1500	0.02	0.94	0.002	0.034	0.40	16.30	10.01	2.02				185		

REMARKS

- 1.- Visual inspection: accepted according PS04/I2 OR PS04/I9 (Standard) JC IT. Other information: no major repairs carried out.
- 2.- We certify that the above material has been manufactured and processed according to requirement of the above P.O.
- 3.- The results above indicated are exact transcription from the corresponding certificates , which are filed in our factory, issued by our homologated suppliers.



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Quality Control Dep.

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