



MATERIAL CERTIFICATE

PS07/F2
rev.1ISO 9001: approved
CE 2014/68/EU: approvedJCFV CERTIFICATE
P.O. N° : 338202
DATE: 08.03.2021EN 10204 – 3.1
MAT. CERT. N°: 338202-BOLT
DATE :21.06.2021

COMPONENT : BOLT

SPECIFICATION / MATERIAL :
7/8"-9*77/ ASTM A193 Gr. B8M CL.2Ed.20HEAT TREATMENT:
SOLUTION 1050°C*1.5H+WATER COOLING.MACRO ETCH TEST:
SATISFACTORY

CHEMICAL COMPOSITION %										PHYSICAL PROPERTIES						
	C	Mn	S	P	Si	Cr	Mo	Ni		Yield St.	Tensile St.	Elongation	Reduc. Area	Hardness	Impact Strength ISO V	T.
Min	-	-	-	-	-	16.0	2.00	10.0								
Max	0.08	2.00	0.030	0.045	1.00	18.0	3.00	14.0								
Heat N°	Qty									Min Mpa	Min Mpa	Min %	Min %	Max HB	Min J	°C
										655	760	15	45	321		
BOLT 171005AS03-01	24	0.016	0.90	0.014	0.033	0.35	16.59	2.03	10.04	665	760	16	46	319		

REMARKS

- 1.- Visual inspection: accepted according PS04/I1 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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