

NF A49-322-78 STEEL TUBES JACK FOR HYDRAULIC TRANSMISSIONS COLD ROLLED OR COLD DRAWN SEAMLESS TUBES TYPE SUITABLE FOR GRINDING IN

1. Chemical Composition

Grade	Mfg. Process	Chemical Composition (%)								
		C	Si	Mn	P	S	Ni	Cr	Mo	Others
TU37b	S	0.18Max	0.35Max	0.75Max	0.04Max	0.04Max	-	-	-	-
TU52b	S	0.20Max	0.50Max	1.5Max	0.04Max	0.04Max	-	-	-	-
TU17 MV5	S	0.21Max	0.45Max	1.50Max	0.040Max	0.040Max	-	-	-	V 0.15Max

2. Mechanical Properties

Grade	Tensile Test MPa or N/mm ²		Remarks
	Min Yield point	Tensile Strength	
TU37b	350	440Min	(STKM12)
TU52b	490	600Min	-
TU17 MV5	510	640Min	-

JIS Number and Corresponding Foreign Standards

JIS			ASTM			BS			DIN			NF			ISO			Index Number
Standard Number	Grade	Type	Standard Number	Grade	Type	Standard Number	Grade	Type	Standard Number	Grade	Type	Standard Number	Grade	Type	Standard Number	Grade	Type	
G3445	STKM11A	C	A512	MT1010	C	1717	ERWC1	C	2391	St30Si	C				3304	R28	C	C017
			A513	MT1010	C					St30A1	C				3305	"	C	
									2393	St28	C				3306	"	C	
										RSt28	C							
									2394	St28	C							
										USt28	C							

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