

Inspection Certificate: (EN10204-3.1)	Certificate-No.01 202 TWN/Q-02-0072	Report No. :2017T01135212
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Article : SEAMLESS CARBON STEEL ASTM A234 BUTTWELD FITTINGS ANSI B16.9 & B16.25

Umfang der Lieferung (Detail of Casting Pieces)

Item No.	Heat No.	Article	Size	Quantity
91	868	ECC. REDUCER, SCH.40	6"X4"	80
92	819		8"X4"	30
93	883		10"X4"	20
94	883		10" X 8"	30
95	835	ECC. REDUCER, SCH.STD	14" X 6"	5
96	857		18" X 12"	2
97	857		18"X 16"	10
98	808		20" X 12"	2
99	821	EQUAL TEE, SCH.40	1/2"	50
100	860		2"	600

A) Chemische Analyse /Chemical Analysis

Schmelze Nr. Heat No.	C %	Si %	Mn %	P %	S %	Ni %	Cr %	Mo %	Cu %	V %	N %
	<=0.30	>=0.1	0.29-1.05	<=0.05	<=0.058	<=0.4	<=0.4	<=0.15	<=0.4	<=0.08	
868	0.200	0.280	0.620	0.029	0.027	-	-	-	-	-	
819	0.180	0.300	0.490	0.025	0.029	-	-	-	-	-	
883	0.210	0.260	0.450	0.028	0.029	-	-	-	-	-	
883	0.210	0.260	0.450	0.028	0.029	-	-	-	-	-	
835	0.200	0.290	0.460	0.027	0.027	-	-	-	-	-	
857	0.210	0.300	0.450	0.029	0.029	-	-	-	-	-	
857	0.210	0.300	0.450	0.029	0.029	-	-	-	-	-	
808	0.220	0.310	0.430	0.025	0.025	-	-	-	-	-	
821	0.200	0.250	0.550	0.029	0.028	-	-	-	-	-	
860	0.220	0.290	0.470	0.028	0.027	-	-	-	-	-	

B)Mechanische Pruefung: Zugpruefung / Tensile Test Harte / Hardness

Kerbschlagarbeit / Charpy

Probe Nr. Specimen	Prueftemp Test Temp	Rp 0.2	Rp 1.0	Zugfestigkeit	Bruchdehnung	Harte Hardness	Kerbschlagarbeit ISO V Probe			
		Proof stress	Proof stress	Tensile Strength	Elongation		Energy Charpy Impact			
Nr./No	°C	N/mm ²	N/mm ²	N/mm ²	%	HB	Joule>=60			
		>=240		415-585	>=22		1	2	3	AVE
868		260		455	24					
819		275		448	23					
883		273		440	26					
883		273		440	26					
835		263		450	24					
857		280		462	26					
857		280		446	26					
808		272		524	26					
821		250		521	23					
860		256		446	24					

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