





Werks-Nr. Works-No. No de l'usine	A08 <b>4149622</b>	Zeugnis-Nr. Certificate-No. No de certificat	A03 <b>6715219001</b>	Sendungs-Nr. Shipment-No. No de envoi	Seite-Nr. Page-No. Page-No.	<b>1</b>
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thyssenkrupp Steel Europe AG · 47161 Duisburg A01	<b>BESCHEINIGUNG ÜBER MATERIALPRÜFUNGEN</b> <b>DOCUMENT ON MATERIAL TESTS</b> <b>DOCUMENT DE CONTROL DES MATERIAUX</b>	EN 10204 EN 10204 EN 10204
A06  SALZGITTER MANNESMANN INTERNATIONAL  SCHWANNSTR. 12 D 40476 DÜSSELDORF		

Bestell-Nr. Order-No. No de commande	704/17768	 30.05.2016  0203 52 23279  0203 52 25594  abnahme_zeugnisse.stahl@thyssenkrupp.com	2d
A07.1-A07.5			

Werkstoff ; Quality ; Matériau / Lieferbedingungen ; Specification ; Conditions de livraison B02/B03  
 CS TYPE B / ASTM A1008 - 07.2015

Kennzeichnung: MATERIAL, HEAT-NO., MANUFACTURING/SAMPLE-NO. Zeichen des Lieferwerkes:  
 Marking: Supplier's mark: **TKS**  
 Marque: B06 A04 Marque d'usine:

B01 <b>TYPE OF PRODUCT / SURFACE</b> STRIP; COLD-ROLLED STRIP; LIGHTLY OILED / SURFACE QUALITY: A;											
ITEM	B09 x B10 x B11 DIMENSIONS	B08 NUMBER PIECES	B13 WEIGHT NET	B13 WEIGHT GROSS							
010	1,9 x 1219,0 [mm]	* 2	18.900 kg	19.000 kg							
011	1,52 x 1219,0 [mm]	* 2	19.020	19.120							
		** 4	37.920	38.120							
LIST OF MATERIAL IDENTIS											
ITEM	B07 BUNDLE	C00 SAMPLE NO.	B07 HEAT NO.	B08 NUMBER PIECES	B13 WEIGHT NET	B13 WEIGHT GROSS					
010	C273677	139411E	693944	1	9.940 kg	9.990 kg					
010	C273678	139411E	693944	1	8.960	9.010					
011	C273675	139412E	693944	1	9.600	9.650					
011	C273676	139412E	693944	1	9.420	9.470					
CHEMICAL COMPOSITION OF THE HEAT IN % C71-C99											
B07 HEAT NO.	C	SI	MN	P	S	AL	B	CR	CU	MO	N
693944	0,035	0,021	0,250	0,010	0,0080	0,045	0,0002	0,029	0,008	0,002	0,0053
	NB	NI	TI	V							
693944	0,001	0,014	0,003	0,001							
C70 HEAT PROCESS		OXYGEN STEEL									

**T E N S I L E T E S T (ASTM E8)**

B07 HEAT- NO.	C00 SAMPLE NO.	C02 POSIT	C03 TEST TEMP °C	C10 TYPE	C11 R MPa	R Art	C12 Rm MPa	Lo mm	C13 A %
693944	139411E	L	+20	A	181	RP02	321	50	46,0
693944	139412E	L	+20	A	182	RP02	320	50	45,0

**R O U G H N E S S (DIN EN 10049 / 2,5 MM CUT OFF)**

B07 HEAT- NO.	C00 SAMPLE NO.	C02 POSIT	RA µm
693944	139411E	Q	1,5
693944	139412E	Q	1,3

**L E G E N D S**

TYPE TENSILE TEST  
A = FLAT TENSILE TEST (ASTM "STANDARD SHEET-TYPE")

POSIT  
L = LONG.  
Q = TRANS.

Z02

ABNAHMEBEAUFTRAGTER DES HERSTELLERS  
THE MANUFACTURER'S AUTHORIZED INSPECTION REPRESENTATIVE  
LE REPRÉSENTANT AUTORISÉ DU CONTRÔLEUR DU PRODUCTEUR

*Finger*

*Sartoris*

Z03 Finger ( Leiter Abnahme )

Z03 Sartoris ( Fachkoordinator Abnahme )