

Werks-Nr. Works-No. No de l'usine	A08 <b>4154261</b>	Zeugnis-Nr. Certificate-No. No de certificat	A03 <b>6745142001</b>	Sendungs-Nr. Shipment-No. No de envoi	Seite-Nr. Page-No. Page-No.	1
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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 - LOT 2	27.07.2016 0203 52 23279 0203 52 25594 abnahme_zeugnisse.stahl@thyssenkrupp.com	2v
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.  
 Marking:   
 Marque: B06  
 Zeichen des Lieferwerkes: **TKS**  
 Supplier's mark:   
 Marque d'usine: A04

B01  
**TYPE OF PRODUCT / SURFACE**  
 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
012	1,21 x 1219,0 [mm]	* 1	9.060 kg	9.110 kg
013	0,91 x 1219,0 [mm]	* 2	19.000	19.100
		** 3	28.060	28.210

**LIST OF MATERIAL IDENTS**

ITEM	B07 BUNDLE	C00 SAMPLE NO.	B07 HEAT NO.	B08 NUMBER PIECES	B13 WEIGHT NET	B13 WEIGHT GROSS
012	C275261	153828E	788912	1	9.060 kg	9.110 kg
013	C275253	151854E	788913	1	9.620	9.670
013	C275254	151854E	788913	1	9.380	9.430

**CHEMICAL COMPOSITION OF THE HEAT IN %** C71-C99

B07 HEAT NO.	C	SI	MN	P	S	AL	B	CR	CU	MO	N
788912	0,042	0,021	0,230	0,006	0,0018	0,025	0,0001	0,034	0,019	0,003	0,0062
788913	0,036	0,020	0,220	0,009	0,0020	0,031	0,0001	0,034	0,013	0,007	0,0042
B07 HEAT NO.	NB	NI	TI	V							
788912	0,001	0,024	0,003	0,001							
788913	0,001	0,022	0,003	0,001							

C70 HEAT PROCESS OXYGEN STEEL

Werks-Nr. 208  
Works-No. 4154261  
No de l'usine

Zeugnis-Nr. A03  
Certificate-No. 6745142001  
No de certificat

Sendungs-Nr.  
Shipment-No.  
No de envoi

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**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 %
788912	153828E	L	+20	A	178	RP02	318	50	45
788913	151854E	L	+20	A	193	RP02	330	50	44

**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
788912	153828E	Q	1,2
788913	151854E	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*

Z03 Finger ( Leiter Abnahme )

*Sartoris*

Z03 Sartoris ( Fachkoordinator Abnahme )