

Werks-Nr. Works-No. No de l'usine	A08 4149622	Zeugnis-Nr. Certificate-No. No de certificat	A03 6716061001	Sendungs-Nr. Shipment-No. No de envoi	Seite-Nr. Page-No. Page-No.	1
-----------------------------------------	-----------------------	----------------------------------------------------	--------------------------	---------------------------------------------	-----------------------------------	----------

thyssenkrupp Steel Europe AG · 47161 Duisburg A01	BESCHEINIGUNG ÜBER MATERIALPRÜFUNGEN DOCUMENT ON MATERIAL TESTS DOCUMENT DE CONTROL DES MATERIAUX	EN 10204 EN 10204 EN 10204
A06 SALZGITTER MANNESMANN INTERNATIONAL SCHWANNSTR. 12 D 40476 DÜSSELDORF	A02 INSPECTION CERTIFICATE 3.1	

Bestell-Nr. Order-No. No de commande	704/17768	30.05.2016	25
A07.1-A07.5		0203 52 23279	
		0203 52 25594	
		abnahme_zeugnisse.stahl@thyssenkrupp.com	

Material ; 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: **TKS**
Marking: Supplier's mark: A04
Marque: B06 Marque d'usine:

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						
011	1,52 x 1219,0 [mm]			* 7	kg 67.820	kg 68.170						
				** 7	67.820	68.170						
LIST OF MATERIAL IDENTIS												
ITEM	B07 BUNDLE	C00 SAMPLE NO.	B07 HEAT NO.	B08 NUMBER PIECES	B13 WEIGHT NET	B13 WEIGHT GROSS						
011	C273789	139253E	693944	1	kg 9.700	kg 9.750						
011	C273783	139685E	693954	1	9.600	9.650						
011	C273784	139685E	693954	1	9.760	9.810						
011	C273785	139682E	693954	1	9.700	9.750						
011	C273786	139682E	693954	1	9.800	9.850						
011	C273791	139247E	693954	1	9.680	9.730						
011	C273792	139247E	693954	1	9.580	9.630						
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	
693954	0,035	0,010	0,270	0,010	0,0120	0,039	0,0002	0,024	0,006	0,002	0,0051	
	NB	NI	TI	V								
693944	0,001	0,014	0,003	0,001								
693954	0,001	0,013	0,002	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	139253E	L	+20	A	181	RP02	315	50	47,0
693954	139247E	L	+20	A	180	RP02	317	50	46,0
693954	139682E	L	+20	A	179	RP02	318	50	46,0
693954	139685E	L	+20	A	187	RP02	324	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	139253E	Q	1,2
693954	139247E	Q	1,2
693954	139682E	Q	1,2
693954	139685E	Q	1,1

L E G E N D S

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

