

Werks-Nr. Works-No. No de l'usine	A08 4154261	Zeugnis-Nr. Certificate-No. No de certificat	A03 6762111001	Sendungs-Nr. Shipment-No. No de envoi	Selle-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																																																																																																																																										
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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: Supplier's mark: Marque d'usine:		TKS A04																																																																																																																																										
<p>B01 TYPE OF PRODUCT / SURFACE STRIP; COLD-ROLLED STRIP; LIGHTLY OILED / SURFACE QUALITY: A;</p> <table border="1"> <thead> <tr> <th rowspan="2">ITEM</th> <th>B09 x</th> <th>B10 x</th> <th>B11</th> <th>B08</th> <th>B13</th> <th>B13</th> </tr> <tr> <th colspan="3">DIMENSIONS</th> <th>NUMBER</th> <th>WEIGHT</th> <th>WEIGHT</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <th>PIECES</th> <th>NET</th> <th>GROSS</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <th>kg</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td>003</td> <td colspan="3">1,52 x 914,0 [mm]</td> <td>* 3</td> <td>23.180</td> <td>23.333</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>** 3</td> <td>23.180</td> <td>23.333</td> </tr> </tbody> </table> <p>LIST OF MATERIAL IDENTIS</p> <table border="1"> <thead> <tr> <th rowspan="2">ITEM</th> <th>B07</th> <th>C00</th> <th>B07</th> <th>B08</th> <th>B13</th> <th>B13</th> </tr> <tr> <th>BUNDLE</th> <th>SAMPLE</th> <th>HEAT</th> <th>NUMBER</th> <th>WEIGHT</th> <th>WEIGHT</th> </tr> <tr> <td></td> <td></td> <td>NO.</td> <td>NO.</td> <th>PIECES</th> <th>NET</th> <th>GROSS</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <th>kg</th> <th>kg</th> </tr> </thead> <tbody> <tr> <td>003</td> <td>B786300100</td> <td>B786300000</td> <td>061174</td> <td>1</td> <td>7.640</td> <td>7.691</td> </tr> <tr> <td>003</td> <td>B786300200</td> <td>B786300000</td> <td>061174</td> <td>1</td> <td>7.680</td> <td>7.731</td> </tr> <tr> <td>003</td> <td>B866200200</td> <td>B866200000</td> <td>061174</td> <td>1</td> <td>7.860</td> <td>7.911</td> </tr> </tbody> </table> <p>CHEMICAL COMPOSITION OF THE HEAT IN % C71-C99</p> <table border="1"> <thead> <tr> <th>B07</th> <th>C</th> <th>SI</th> <th>MN</th> <th>P</th> <th>S</th> <th>AL</th> <th>B</th> <th>CR</th> <th>CU</th> <th>MO</th> <th>N</th> </tr> </thead> <tbody> <tr> <td>HEAT NO. 061174</td> <td>0,037</td> <td>0,015</td> <td>0,270</td> <td>0,013</td> <td>0,0080</td> <td>0,036</td> <td>0,0003</td> <td>0,049</td> <td>0,017</td> <td>0,007</td> <td>0,0048</td> </tr> <tr> <td></td> <th>NE</th> <th>NI</th> <th>TI</th> <th>V</th> <td colspan="7"></td> </tr> <tr> <td>061174</td> <td>0,001</td> <td>0,022</td> <td>0,004</td> <td>0,001</td> <td colspan="7"></td> </tr> </tbody> </table> <p>C70 HEAT PROCESS OXYGEN STEEL</p>							ITEM	B09 x	B10 x	B11	B08	B13	B13	DIMENSIONS			NUMBER	WEIGHT	WEIGHT					PIECES	NET	GROSS						kg	kg	003	1,52 x 914,0 [mm]			* 3	23.180	23.333					** 3	23.180	23.333	ITEM	B07	C00	B07	B08	B13	B13	BUNDLE	SAMPLE	HEAT	NUMBER	WEIGHT	WEIGHT			NO.	NO.	PIECES	NET	GROSS						kg	kg	003	B786300100	B786300000	061174	1	7.640	7.691	003	B786300200	B786300000	061174	1	7.680	7.731	003	B866200200	B866200000	061174	1	7.860	7.911	B07	C	SI	MN	P	S	AL	B	CR	CU	MO	N	HEAT NO. 061174	0,037	0,015	0,270	0,013	0,0080	0,036	0,0003	0,049	0,017	0,007	0,0048		NE	NI	TI	V								061174	0,001	0,022	0,004	0,001							
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thyssenkrupp Steel Europe AG

Abnahme

A05

-FOLGESEITE-

**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 %
061174	B786300000	L	+20	A	191	RP02	327	50	44
061174	B866200000	L	+20	A	191	RP02	334	50	45

**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
061174	B786300000	Q	1,1
061174	B866200000	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

  
 Z03 Finger ( Leiter Abnahme )

  
 Z03 Sartoris ( Fachkoordinator Abnahme )

thyssenkrupp Steel Europe AG

Abnahme  
A05

Es wird bestätigt, dass die Lieferung den Vereinbarungen bei der Bestellung entspricht.  
 We hereby certify that the above mentioned materials have been delivered in accordance with the terms of order.  
 Nous attestons que les produits livrés sont conformes aux stipulations de la commande.

Z01

