



<u>Zertifikatsnr.</u> 72674	<u>Revision</u> 00	<u>Kundenauftragsnr.</u> 70236008 Ang. Mai C
<u>Herstellerwerk</u> Avesta Plant	<u>Datum</u> 20 Jul 2021	<u>Liefer-Nr.</u> 8000072368

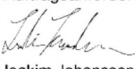

				<u>Produkt</u> Stainless Steel Cold Rolled Strip, Slit edge, Core 304L/4307	<u>Güte</u> 1.4301 1.4307 TYPE 304 / UNS S30400 TYPE 304L / UNS S30403			
				<u>Ausführung</u> 2B				
				<u>Anforderungen</u> ASTM A240/A240M - 20a EN 10028-7:2016 EN 10088-4:2009 EN 10088-2:2014 AD 2000 W 2, Ausg. 01.2020, W 10, Ausg. 01.2020 & EN 10028-7:2016 ASME SA-240/SA-240M BPVC.II.A-2019 ASTM A480/A480M - 20a EN ISO 9445-2:2010 ASME SA-480/SA-480M BPVC.II.A-2019 NACE MR0103/ISO 17945:2015 NACE MR0175/EN ISO 15156-1:2020 & NACE MR0175/EN ISO 15156-3:2020				
<u>Kennzeichnung des Herstellers</u> 		<u>Prozess</u> E+AOD	<u>Stempel des Prüfers</u> 					
<u>Auftrags- pos.</u> 4	<u>Abmessungen</u> 5,00 X 1500,0 mm	<u>Stückzahl (St.)</u> 1	<u>Gewicht</u> 19890 kg	<u>Schmelznr.</u> 211016	<u>Losnr.</u> 775	<u>Coil Ident.</u> 211016-775	<u>Kundenmaterialnr.</u>	

Chemische Zusammensetzung

Schmelznr.	Land der Schmelze	C %	Si %	Mn %	P %	S %	Cr %	Ni %	N %
211016	United Kingdom	0,020	0,31	1,54	0,032	0,001	18,2	8,1	0,068

Testergebnisse (1=Anfang, 2=Mitte, 3=Ende, T=Quer, L=Längs, D=Diagonal, RT=Raumtemperatur)

		EN ISO 6892-1 / ASTM A370 (RT)					ASTM E10 / EN ISO 6506-1
Coil Ident.	Proben ID	RP0.2 MPa	RP1.0 MPa	RM MPa	A5 %	A50 %	HÄRTE HBW
	Minimum	230	260	540	45	40	
	Maximum			700			201
211016-775	1 T 782389	308	336	640	54	54	170
211016-775	3 T 782390	314	340	643	53	53	170
		EN ISO 3651-2 A	ASTM E112	PMI			
Coil Ident.	Proben ID	INTERKRISTALLINE KORROSION	KORNGRÖßE	PMI			
	Minimum						
	Maximum						
211016-775	1 T 782389	OK	8,0	OK			

Outokumpu Stainless AB Business Area Operations Avesta SWEDEN Tel: +46 (0)226 811 73 Regoffice: Stockholm SWEDEN, Regno: 556001-8748 V.A.T no: SE556001874801	Das Material entspricht den Auftragsanforderungen  Joakim Johansson Zugelassener Prüfer certificates.avesta@outokumpu.com	 10 0045 - CPR - 0869 DoP (Declaration of Performance) on: <a href="http://www.outokumpu.com/locations/avesta">www.outokumpu.com/locations/avesta</a>
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<u>Herstellerwerk</u>	<u>Zertifikatsnr.</u>	<u>Revision</u>	<u>Kundenauftragsnr.</u>
Avesta Plant	72674	00	70236008 Ang. Mai C
	<u>Date</u>	<u>Liefer-Nr.</u>	
	20 Jul 2021	8000072368	

211016-775	3 T 782390			OK			
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Country of Origin: Sweden


Solution annealed at 1070 °C/1958 °F. Rapidly cooled with water and air.

Certified acc. to PED 2014/68/EU by TÜV NORD, notified body, Reg-No. 0045

DOPS acc. to CPR available on the web page by steel number

Certified acc. to AD 2000-Merkblatt W0 by TÜV NORD, notified body, Reg-No. 0045

Marking, visual and dimensional inspection: Approved


Outokumpu Stainless AB Business Area Operations Avesta SWEDEN Tel: +46 (0)226 811 73 Regoffice: Stockholm SWEDEN, Regno: 556001-8748 V.A.T no: SE556001874801	Das Material entspricht den Auftragsanforderungen  Joakim Johansson Zugelassener Prüfer certificates.avesta@outokumpu.com		 10 0045 - CPR - 0869 DoP (Declaration of Performance) on: <a href="http://www.outokumpu.com/locations/avesta">www.outokumpu.com/locations/avesta</a>
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<u>Herstellerwerk</u>	<u>Zertifikatsnr.</u>	<u>Revision</u>	<u>Kundenauftragsnr.</u>
Avesta Plant	72674	00	70236008 Ang. Mai C
	<u>Date</u>	<u>Liefer-Nr.</u>	
	20 Jul 2021	8000072368	

Verpackungsinformationen

<u>Lieferungspos.</u>	<u>Coil Ident.</u>	<u>Paket-Nr.</u>	<u>Stückzahl (St.)</u>	<u>Gewicht</u>	<u>Länge</u>
10	211016-775	D022398830	1	19890 kg	

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<u>Certificate No.</u> 72674	<u>Revision</u> 00	<u>Customer Order No.</u> 70236008 Ang. Mai C
<u>Production mill</u> Avesta Plant	<u>Date</u> 20 Jul 2021	<u>Delivery No.</u> 8000072368

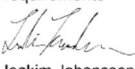

				<u>Product</u> Stainless Steel Cold Rolled Strip, Slit edge, Core 304L/4307		<u>Grade</u> 1.4301 1.4307 TYPE 304 / UNS S30400 TYPE 304L / UNS S30403	
				<u>Finish</u> 2B			
				<u>Requirements</u> ASTM A240/A240M - 20a EN 10028-7:2016 EN 10088-4:2009 EN 10088-2:2014 AD 2000 W 2, Aug. 01.2020, W 10, Aug. 01.2020 & EN 10028-7:2016 ASME SA-240/SA-240M BPVC.II.A-2019 ASTM A480/A480M - 20a EN ISO 9445-2:2010 ASME SA-480/SA-480M BPVC.II.A-2019 NACE MR0103/ISO 17945:2015 NACE MR0175/EN ISO 15156-1:2020 & NACE MR0175/EN ISO 15156-3:2020			
<u>Mark of manufacturer</u> 		<u>Process</u> E+AOD		<u>Inspector's Stamp</u> 			
<u>Sales order Item</u> 4	<u>Dimensions</u> 5,00 X 1500,0 mm	<u>Quantity (pcs)</u> 1	<u>Weight</u> 19890 kg	<u>Heat No.</u> 211016	<u>Lot No.</u> 775	<u>Identification No. of Product</u> 211016-775	<u>Customer's Material No.</u>

Chemical Composition

Heat No.	Country of Melt	C %	Si %	Mn %	P %	S %	Cr %	Ni %	N %		
211016	United Kingdom	0,020	0,31	1,54	0,032	0,001	18,2	8,1	0,068		

Test Results (1=Beginning, 2=Middle, 3=End, T=Transverse, L=Longitudinal, D=Diagonal, RT=Room temperature)

		EN ISO 6892-1 / ASTM A370 (RT)					ASTM E10 / EN ISO 6506-1
Identification No. of Product	Sample ID	RP0.2 MPa	RP1.0 MPa	RM MPa	A5 %	A50 %	HARDNESS HBW
211016-775	Minimum	230	260	540	45	40	201
	Maximum			700			
	1 T 782389	308	336	640	54	54	
211016-775	3 T 782390	314	340	643	53	53	170
		EN ISO 3651-2 A	ASTM E112	PMI			
Identification No. of Product	Sample ID	INTERGRANULAR CORROSION	GRAIN SIZE	PMI			
211016-775	Minimum						
	Maximum						
	1 T 782389	OK	8,0	OK			

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	<u>Certificate No.</u>	<u>Revision</u>	<u>Customer Order No.</u>
	72674	00	70236008 Ang. Mai C
<u>Production mill</u>	<u>Date</u>	<u>Delivery No.</u>	
Avesta Plant	20 Jul 2021	8000072368	

211016-775	3 T 782390			OK			
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Country of Origin: Sweden

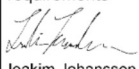

Solution annealed at 1070 °C/1958 °F. Rapidly cooled with water and air.

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DOPS acc. to CPR available on the web page by steel number

Certified acc. to AD 2000-Merkblatt W0 by TÜV NORD, notified body, Reg-No. 0045

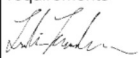

Marking, visual and dimensional inspection: Approved

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<u>Production mill</u>	<u>Certificate No.</u>	<u>Revision</u>	<u>Customer Order No.</u>
Avesta Plant	72674	00	70236008 Ang. Mai C
	<u>Date</u>	<u>Delivery No.</u>	
	20 Jul 2021	8000072368	

Packing Information

<u>Delivery Item</u>	<u>Identification No. of Product</u>	<u>Batch No.</u>	<u>Quantity(pcs)</u>	<u>Weight</u>	<u>Length</u>
10	211016-775	D022398830	1	19890 kg	

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<u>Certificat N°</u> 72674	<u>Révision</u> 00	<u>N° de commande client</u> 70236008 Ang. Mai C
<u>Usine de production</u> Avesta Plant	<u>Date</u> 20 juil. 2021	<u>N° de livraison</u> 8000072368

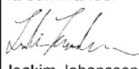

				<u>Produit</u> Stainless Steel Cold Rolled Strip, Slit edge, Core 304L/4307		<u>Classe</u> 1.4301 1.4307 TYPE 304 / UNS S30400 TYPE 304L / UNS S30403	
				<u>Fini</u> 2B			
				<u>Exigences</u> ASTM A240/A240M - 20a EN 10028-7:2016 EN 10088-4:2009 EN 10088-2:2014 AD 2000 W 2, Aug. 01.2020, W 10, Aug. 01.2020 & EN 10028-7:2016 ASME SA-240/SA-240M BPVC.II.A-2019 ASTM A480/A480M - 20a EN ISO 9445-2:2010 ASME SA-480/SA-480M BPVC.II.A-2019 NACE MR0103/ISO 17945:2015 NACE MR0175/EN ISO 15156-1:2020 & NACE MR0175/EN ISO 15156-3:2020			
<u>Marque du fabricant</u> 		<u>Processus</u> E+AOD		<u>Cachet de l'inspecteur</u> 			
<u>Ligne</u> Comman	<u>Dimensions</u> 5,00 X 1500,0 mm	<u>Quantité (pces)</u> 1	<u>Poids</u> 19890 kg	<u>N° de coulée</u> 211016	<u>N° de série</u> 775	<u>N° d'identification du produit</u> 211016-775	<u>N° d'article du client</u>

Composition chimique

N° de coulée	Pays d'origine de la coulée	C %	Si %	Mn %	P %	S %	Cr %	Ni %	N %
211016	United Kingdom	0,020	0,31	1,54	0,032	0,001	18,2	8,1	0,068

Résultats du test (1=Début, 2=Milieu, 3=Fin, T=Transversale, L=Longitudinale, D=Diagonale, RT=température ambiante)

		EN ISO 6892-1 / ASTM A370 (RT)					ASTM E10 / EN ISO 6506-1
N° d'identification du produit	ID de l'échantillon	RP0.2 MPa	RP1.0 MPa	RM MPa	A5 %	A50 %	DURETÉ HBW
	Minimum	230	260	540	45	40	
	Maximum			700			201
211016-775	1 T 782389	308	336	640	54	54	170
211016-775	3 T 782390	314	340	643	53	53	170
		EN ISO 3651-2 A	ASTM E112	PMI			
N° d'identification du produit	ID de l'échantillon	CORROSION INTERGRANULAIRE	GROSSEUR DE GRAIN	PMI			
	Minimum						
	Maximum						
211016-775	1 T 782389	OK	8,0	OK			

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	<u>Certificat N°</u>	<u>Revision</u>	<u>N° de commande client</u>
	72674	00	70236008 Ang. Mai C
<u>Usine de production</u>	<u>Date</u>	<u>N° de livraison</u>	
Avesta Plant	20 juil. 2021	8000072368	

211016-775	3 T 782390			OK			
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Country of Origin: Sweden

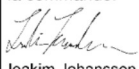

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DOPS acc. to CPR available on the web page by steel number

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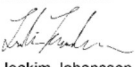

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<u>Usine de production</u>	<u>Certificat N°</u>	<u>Revision</u>	<u>N° de commande client</u>
Avesta Plant	72674	00	70236008 Ang. Mai C
	<u>Date</u>	<u>N° de livraison</u>	
	20 juil. 2021	8000072368	

Informations d'emballage

poste de livraison	N° d'identification du produit	N° du lot	Quantité (pcs)	Poids	Longueur
10	211016-775	D022398830	1	19890 kg	

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