



Certificate No.
108523



Revision
00

Customer Order No.
15073

Production mill
Avesta Plant

Date
03 Jan 2022

Delivery No.
8000106895

Sold to Htm Yhtiöt Oy Tiilitehtaantie 23 12310 RYTTYLÄ FINLAND		Product Stainless Steel Hot Rolled Plate, Slit edge, Core 304L/4307 Finish 1D		Grade 1.4301 1.4307 TYPE 304 / UNS S30400 TYPE 304L / UNS S30403	
Ship to Htm Yhtiöt Oy Teollisuuskujia 1 14200 TURENKI FINLAND		Requirements 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 A240/A240M - 20a EN 10028-7:2016 EN 10088-2:2014 EN 10088-4:2009 NACE MR0175/EN ISO 15156-1:2020 & NACE MR0175/EN ISO 15156-3:2020			
Mark of manufacturer outokumpu 		Process E+AOD		Inspector's Stamp 	
Sales order Item 10		Dimensions 10,00 X 1500,0 X 3000 mm		Quantity (pcs) 13	
Weight 4597 kg		Heat No. 37168		Lot No. 1	
Identification No. of Product 37168-1		Customer's Material No. 37168-1		ASME SA-480/SA-480M BPVC.II.A-2019 ASTM A480/A480M - 20a EN ISO 9444-2:2010	

Chemical Composition

Heat No.	Country of Melt	C %	Si %	Mn %	P %	S %	Cr %	Ni %	N %
37168	Finland	0,021	0,43	1,56	0,033	0,001	18,1	8,0	0,056

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

Identification No. of Product	Sample ID	EN ISO 6892-1 / ASTM A370 (RT)					ASTM E10 / EN ISO 6506-1
		RP0.2 MPa	RP1.0 MPa	RM MPa	A5 %	A50 %	HARDNESS HBW
37168-1	Minimum	210	250	520	45	40	201
	Maximum			700			
37168-1	1 T 790596	321	358	622	56	58	192
37168-1	3 T 790597	330	368	627	55	57	187
		EN ISO 3651-2 A	PMI				
Identification No. of Product	Sample ID	INTERGRANULAR CORROSION					
		Minimum	Maximum				
37168-1	1 T 790596	OK	OK				
37168-1	3 T 790597	OK	OK				

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	This material is found to comply with order requirements  KRISTINA WRETSTAM Authorized Inspector certificates.avesta@outokumpu.com	 10 0045 - CPR - 0869 DoP (Declaration of Performance) on: www.outokumpu.com/locations/avesta
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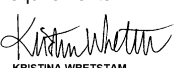
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Packing Information

<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	37168-1	D026699930	1	353 kg	
10	37168-1	D026700030	3	1063 kg	
10	37168-1	D026700130	3	1061 kg	
10	37168-1	D026700230	3	1061 kg	
10	37168-1	D026700330	3	1059 kg	

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

This material is found to comply with order requirements


KRISTINA WRETSTAM

Authorized Inspector
certificates.avesta@outokumpu.com

