

EN 10204 - 3.1
19020473-EN-0

Business Unit / QCM



BA Quarto Plate, Quarto Plate Europe

Date Datum Date
07-Feb-2019

Load, Ladung, Charge No
182660

Acknowledged ID, Bestätigung, Commande ID
300502847

Your ref, Ihre Ref., Votre ref 12272		Requirements, Anforderungen, Exigences AD 2000 W2 & EN10028-7, PED 2014/68/EU EN 10088-2:14 EN 10088-4:2009 ASME SA-240M Code Sect. II. Part A:2017 ASTM A240M:17	
Buyer, Besteller, Acheteur HTM Yhtiöt Oy Tiilitehtaantie 23 12310, RYTTYLÄ FINLAND			
Consignee, Empfänger, Lieu de livraison HTM Yhtiöt Oy			

Mark of Manufacturer Zeichen des Lieferwerkes Signe de producteur 	Process Erschmelzungsart Mode de fusion E+AOD	Inspector's stamp Zeichen des Sachverständigen Poinçon de l'expert 	Grade, Werkstoff, Nuance 1.4301 304 1.4307 304L
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Product, Erzeugnisform, Produit
Stainless steel hot rolled, Plate, 1D/No.1, Cut edge

Line Reihe Ligne	Item Position Poste	Heat-Lot No Schmelze-Lot Nr Coulée n° - Lot No	Size Abmessungen Dimensions	Pieces Stückzahl Nombre	Quantity/unit, Menge/Einheit, Quantité/Unité
1	5	584953-362689:0	15,0 X 1500,0 X 3000,0 mm	10	

Plate No, Blech Nr, Tôle No 1 7706 3701-1,-2,-3,-4,-5,-3801-1,-2,-3,-4,-5
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Chemical composition - Chemische Zusammensetzung - Composition chimique %
Heat - Schmelze - coulee No

	C	Si	Mn	P	S	Cr	Ni	N					
Min						17.50	8.00						
Max	0.030	0.75	2.00	0.045	0.015	19.50	10.50	0.10					
584953	0.018	0.33	1.34	0.033	0.001	18.26	8.08	0.07					

Distribution Certificate via e-Services	Direct. T = Transverse L = Longitudinal	Top/Bot F = Front B = Back	Form P = Flat C = Round	Location 1 = Center 2 = Close to Surface 3 = Standard 4 = At 1/4 of thickness
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Test results - Prüfergebnisse - Résultats des essais (1N/mm² = 1MPa)

Mechanical properties
Tensile testing/Hardness Rockwell B

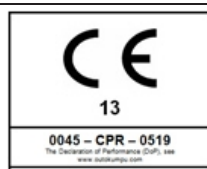
Plate-no	Direct.	Top/Bot	Location	Form	Temp. °C	Rp 0,2 MPa	Rp 1,0 MPa	Rm MPa	A5 %	A50 %	HRB HRB
Min						210	250	520	45	40	
Max								700			92
3801	T	F	2	P	20,0	269	306	593	61	65	83

Corrosion
EN ISO 3651-2 Method A

Plate-no	Result
3801F	OK

Other Information
Country of origin (heat) :Sweden
Heat treated at 1050°C and Quenched in water.
Dimensional control, visual inspection and grade check (PMI): Approved
Approved acc. to AD2000-Merkblatt W0 and certified acc. to
Pressure Equipment Directive (2014/68/EU) by
TUEV NORD, notified body, reg.no. 0045
Construction Products Regulation (305/2011/EU)
The Declaration of Performance (DoP), see www.outokumpu.com

The results comply with the Requirements of the order - Die gestellten Anforderungen sind erfüllt - Les résultats sont conformes aux exigences de la commande





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Tolerance	Standard	Class
Flatness tolerance	EN 18286/A480/M/EN 10029	ISO 18286 N/A480/M/EN 10029 N
Length	EN 18286/A480/M/EN 10029	ISO 18286 A/A480/M/EN 10029
Thickness	EN 18286/A480/M/EN 10029	ISO 18286/A480/M/EN 10029 B
Width	EN 18286/A480/M/EN 10029	ISO 18286 A/A480/M/EN 10029

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Outokumpu Stainless AB
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SE - 693 81 DEGERFORS
SWEDEN
Regoffice: SWEDEN

V.A.T no: SE556001874801

, Regno: 556001-8748

Computer generated original
Quality Inspector

Raimo Rantanen
Raimo Rantanen

