rubis® SWITZERLAND
IVA-MWST-TVA-VAT N° :
CHE-116.329.469 IVA
(No. Ref. 629 889)

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RUBIS ITEM: 2 (Steel Tweezers)

Material No.	Stainless steel
EN Symbol (short)	X2CrNiMo18-14-3
UNS	S 31603
AFNOR	—
B.S.	Z 3 CND 17 12 03 / Z 3 CND 18 14 03
Alloy	—
Registered Works Label	—
Standards	DIN 17440/41

Description

The stainless austenitic steel is mainly used in the Pulp – and Textile industry.

Chemical Composition[1]

C ≤ %	Si ≤ %	Mn ≤ %	P ≤ %	S [2] ≤ %	Cr %	Mo %	Ni %	V
0,030	1,0	2,0	0,045	0,015	17,0-19,0	2,5-3,5	12,5-15,0	
Nb	Ti	Al	Co	Cu	N ≤ %	Fe		
				0,11				

[1] in accordance with Key to Steel 2001 [2] for long products S ≤ 0,030 %, for products to be processed S = 0,015-0,030 %

Special Characteristics

Temperature - Range:	Density kg/dm³:	Hardness HB 30
n/a	8,0	≤ 215

Austenitic stainless steel, good intergranular corrosion resistance

Main fields of Application (depending of specific conditions of use)

pulp industry, textile industry, welded parts of enhanced chemical permanence, chemical industry

(all aforementioned specifications serve as a general orientation and have to be reviewed depending on the specific conditions of use)