

<b>GRADE</b>	X14CrMoS17 (W.Nr. 1.4104)	<b>AISI</b>	-
<b>STANDARD</b>	EN 10088-3, ASTM A276		
<b>CLASSIFICATION</b>	MARTENSITIC STAINLESS STEEL		
<b>APPLICATION</b>	AUTOMOTIVE INDUSTRY, DECORATIVE APPLICATIONS AND ELECTRONIC EQUIPMENT		

Chemical Composition [%]						
C	Si	Mn	P	S	Cr	Ni
0.10 - 0.17	max 1.0	max 1.50	max 0.04	0.15 - 0.35	15.5 - 17.5	-
Mo	Co	Cu	N	Ti	Nb	Ta
0.20 - 0.60	-	-	-	-	-	-

<b>DELIVERY CONDITIONS</b>	Hot rolled, annealed in black condition or cold drawn (pickled & shot blast) final condition
<b>SHAPE</b>	FLAT OR SQUARE BARS
<b>SIZE TOLERANCE</b>	EN 10058 / EN 10059 AND EN 10278 (H11) OR ASTM A484

Mechanical Properties						
Condition	Hardness [HB]	Rp 0,2% [MPa]	Rp 1,0% [MPa]	Rm [MPa]	A [%]	Z [%]
+A	220	-	-	max 730	-	-
QT 650	-	-	-	-	-	-
Cold drawn	280	-	-	max 880	-	-

<b>Rp 0,2%</b>	Yield Strength / Streckgrenze / Tensão Limite
<b>Rp 1,0%</b>	1% point / Dehngrenze / Limite de Extensão
<b>Rm</b>	Tensile strength / Zugfestigkeit / Tensão de Rotura
<b>A</b>	Elongation / Bruchdehnung / Alongamento
<b>Z</b>	Reduction of area / Einschnürung / Coeficiente de Estricção

<b>REQUIREMENTS</b>	Other delivery requirements may be analysed under request
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