



**MATERIAL DATA SHEET 1.4104 (X14CRMOS17)**

DESCRIPTION: Stainless martensitiv steel.

CHEMICAL COMPOSITION							
%	C	Si	Mn	P	S	Cr	Mo
	0,10-0,17	1,0 max.	1,5 max.	0,040 max.	0,15-0,35	15,5-17,5	0,2-0,6

MECHANICAL PROPERTIES IN TEMPERED CONDITION (ACCORDING TO DIN EN 100883, 08/95)		
	QT650	
Diameter d [mm]	< 60	60 - 160
Yield Point Rp 0,2 [N/mm <sup>2</sup> ]	min. 500	min. 500
Tensile Strenght Rm [N/mm <sup>2</sup> ]	650 - 850	650 - 850
Ultimate Strain A [%]	L: min. 12	L: min. 10

USE: Noncorroding machining steel for f.e. screws, bolts and nuts.