

Steel designation		Thickness <i>t</i> or diameter ^b <i>d</i>	Hardness	0,2 %-proof strength	Tensile Strength	Elongation after fracture ^d	Resistance to intergranular corrosion ^e	
Name	Number	mm max.	HBW ^c max.	R _{p0,2} ^d MPa min.	R _m ^d MPa	A % min. (long.)	in the delivery condition	in the welded condition
X6CrMoNb17-1	1.4526	50	200	300	480 to 680	15	yes	yes
X2CrMoTiS18-2	1.4523	100	200	280	430 to 600	15	yes	no
X6CrMoS19-2	1.4114	100	200	240	430 to 630	14	yes	no
For bigger sizes the mechanical values shall be agreed at the time of enquiry and order.								
^a Annealing treatment may be omitted, if the conditions for hot working and subsequent cooling are such that the requirements for the mechanical properties of the product and the resistance to intergranular corrosion as defined in EN ISO 3651-2 are obtained.								
^b Width across flats for hexagons.								
^c Only for guidance.								
^d For rods, only the tensile strength values apply.								
^e When tested according to EN ISO 3651-2.								