

Steel designation		Thickness ^t or diameter ^b <i>d</i>	Hardness ^c	0,2 %- proof strength	Tensile strength	Elonga-tion after fracture	Impact energy (ISO-V)	Resistance to intergranular corrosion ^e	
Name	Number	mm	HBW max.	R _{p0,2} ^d MPa min.	R _m ^d MPa	A ^d % min. (long.)	KV ₂ J min. (long.)	in the delivery condition	in the sensitized condition ^f
X2CrNiMoCoN28-8-5-1	1.4658	≤ 5	300	650	800 to 1000	25	100	yes	yes
For bigger sizes the mechanical values shall be agreed at the time of enquiry and order.									
^a Solution treatment may be omitted if the conditions for hot working and subsequent cooling are such that the requirement 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.									
^f See NOTE 2 to 6.4.									
^g Minimum 0,2 %-proof strength is increased to 450 MPa for online solution treatment.									