Steel designation		Thickness t or diameter [b] d	Hardness [c, d]	0,2 %-proof strength	1 %-proof strength	Tensile Strength [d, e]	Elongation after fracture [d, e]		Impact energy (ISO-V)		Resistance to intergranular corrosion [f]	
Name	Number	mm	HBW max.	$R_{p0,2}$ [e] MPa min.	$R_{p1,0}$ [c,e] MPa min.	R_m MPa	A % min.		KV_2 J min.		in the delivery condition	in the sensitized condition [g]
							(long.)	(tr.)	(long.)	(tr.)		
X2CrNiMo18-14-3	1.4435	≤ 160	215	200	235	500 to 700	40	-	100	-	yes	yes
		160 < t ≤ 250					-	30	-	60		
X2CrNiMoN17-13-5	1.4439	≤ 160	250	280	315	580 to 800	35	-	100	-	yes	yes
		160 < t ≤ 250					-	30	-	60		
X1NiCrMoCu25-20-5	1.4539	≤ 160	230	230	260	530 to 730	35	-	100	-	yes	yes
		160 < t ≤ 250					-	30	-	60		
Special grades												
X9CrNi18-9	1.4325	≤ 40	215	190	225	550 to 750	40	-	-	-	yes	no
X5CrNiN19-9	1.4315	≤ 40	215	270	310	550 to 750	40	-	100	-	yes	no [h]
X3CrNiCu19-9-2	1.4560	≤ 160	215	170	220	450 to 650	45	-	100	-	yes	yes
X6CrNiNb18-10	1.4550	≤ 160	230	205	240	510 to 740	40	-	100	-	yes	yes
		160 < t ≤ 250					-	30	-	60		
X1CrNiSi18-5-4	1.4361	≤ 160	230	210	240	530 to 730	40	-	100	-	yes	yes
		160 < t ≤ 250					-	30	-	60		
X8CrMnCuN17-8-3	1.4597	≤ 160	245	270	305	560 to 780	40	-	100	-	yes	no
X3CrMnNiCu15-8-5-3	1.4615	≤ 160	180	175	210	400 to 600	45	-	-	-	yes	yes
X12CrMnNiN17-7-5	1.4372	≤ 160	260	230	370	680 to 880	40	-	100	-	yes	no
		160 < t ≤ 250					-	35	-	60		
X8CrMnNiN18-9-5	1.4374	≤ 10	260	350	380	700 to 900	35	-	-	-	yes	no