Steel designation		Heat treatment condition [a]	Minimum 0,2 %-proof strength ($R_{p0,2}$) (MPa) at a temperature (in °C) of										Minimum 1,0 %-proof strength ($R_{p1,0}$) (MPa) at a temperature (in °C) of									
Name	Number		100	150	200	250	300	350	400	450	500	550	100	150	200	250	300	350	400	450	500	550
X1CrNiMoCuNW24-22-6	1.4659	+AT	350	330	315	307	300	298	295	288	280	270	390	365	350	342	335	328	325	318	310	300
X1CrNiMoCuN24-22-8	1.4652	+AT	350	320	315	310	300	295	295	285	280	275	390	370	355	345	335	330	330	320	310	305
X2CrNiMnMoN25-18-6-5	1.4565	+AT	350	310	270	255	240	225	210	210	210	200	400	355	310	290	270	255	240	240	240	230
X1NiCrMoCuN25-20-7	1.4529	+AT	230	210	190	180	170	165	160	-	-	-	270	245	225	215	205	195	190	-	-	-
X1NiCrMoCu31-27-4	1.4563	+AT	190	175	160	155	150	145	135	125	120	115	220	205	190	185	180	175	165	155	150	145

[a] +AT = solution annealed.

[b] This grade is intended to be used at room temperature in the cold work hardened condition. Therefore, values for proof strength at elevated temperatures are not available. In cases where this grade is used in the solution annealed condition, the values of grade X5CrNi18-10 (1.4301) can be adopted.

* Patented steel grade.