Steel designation		Hot forming		Heat treatment symbol	Solution annealing	
Name	Number	Temperature °C	Type of cooling		Temperature [b, c, d] °C	Type of cooling
Special grades						
X9CrNi18-9	1.4325	1200 to 900			1000 to 1100	water, air [e]
X5CrNiN19-9	1.4315	1150 to 850			1000 to 1100	
X3CrNiCu19-9-2	1.4560	1150 to 900			1000 to 1100	
X6CrNiNb18-10	1.4550	1150 to 850			1020 to 1120	
X1CrNiSi18-15-4	1.4361	1150 to 900			1100 to 1160	
X8CrMnCuN17-8-3	1.4597	1200 to 900			1000 to 1100	
X3CrMnNiCu15-8-5-3	1.4615	1200 to 900			1000 to 1100	
X12CrMnNiN17-7-5	1.4372	1150 to 850			1000 to 1100	
X8CrMnNiN18-9-5	1.4374	1150 to 850			1000 to 1100	
X11CrNiMnN19-8-6	1.4369	1150 to 850			1000 to 1100	
X13MnNiN18-13-2	1.4020	900 to 1200			1050 to 1080	
X6CrMnNiN18-13-3	1.4378	900 to 1200			1050 to 1080	
X6CrMnNiCuN18-12-4-2 *	1.4646 *	1150 to 850			1000 to 1100	
X2CrNiMoCuS17-10-2	1.4598	1200 to 1000			1020 to 1120	
X3CrNiCuMo17-11-3-2	1.4578	1150 to 900			1000 to 1100	
X6CrNiMoNb17-12-2	1.4580	1150 to 850			1020 to 1120	
X2CrNiMo18-15-4	1.4438	1150 to 850			1020 to 1120	
X5CrNiMnMoNNbV22-12-5-2	1.4681	1200 to 900			980 to 1120	
X1CrNiMoCuN20-18-7	1.4547	1200 to 1000			1140 to 1200	
X1CrNiMoN25-22-2	1.4466	1150 to 850			1070 to 1150	
X1CrNiMoCuNW24-22-6	1.4659	1200 to 1000			1150 to 1200	
X1CrNiMoCuN24-22-8	1.4652	1200 to 1000			1150 to 1200	
X2CrNiMnMoN25-18-6-5	1.4565	1200 to 950			1120 to 1170	
X1NiCrMoCuN25-20-7	1.4529	1200 to 950			1120 to 1180	
X1NiCrMoCu31-27-4	1.4563	1150 to 850			1050 to 1150	
X3CrMnNiN20-9-6	1.4391	1200 to 900			1120 to 980	