

**Table B.3 — Guidelines on the temperatures for hot forming and heat treatment <sup>a</sup> of ferritic corrosion resistant steels**

Steel designation		Hot forming		Heat treatment symbol	Annealing	
Name	Number	Temperature °C	Type of cooling		Temperature <sup>b</sup> °C	Type of cooling
Standard grades						
X2CrNi12	1.4003	1100 to 800	air	+A	680 to 740	air
X6Cr13	1.4000				750 to 800	
X6Cr17	1.4016				750 to 850	
X6CrMoS17	1.4105				750 to 850	
X6CrMo17-1	1.4113				750 to 850	
X2CrMoSiS18-2-1	1.4106				750 to 850	
Special grades						
X3CrS12	1.4045	1100 to 800	air	+A	750 to 850	air
X2CrTi17	1.4520				750 to 850	
X3CrNb17	1.4511					
X2CrTiNb18	1.4509				750 to 850	
X2CrTi21 *	1.4611 *				750 to 850	
X2CrNbCu21	1.4621				850 to 950	
X2CrTi24 *	1.4613 *				750 to 850	
X6CrMoNb17-1	1.4526				800 to 860	
X2CrMoTiS18-2	1.4523				1000 to 1050	
X6CrMoS19-2	1.4114				750 to 850	
<sup>a</sup> Temperature of annealing shall be agreed for simulated heat-treated test pieces.						
<sup>b</sup> If heat treatment is carried out in a continuous furnace, the upper part of the range specified is usually preferred, or even exceeded.						
* Patented steel grade.						