

Steel designation		% by mass ^a										
Name	Number	C	Si	Mn	P	S	Cr	Ni	Mo	N	Cu	Others
X2CrNiMoCoN28-8-5-1	1.4658	0,030	0,50	1,50	0,035	0,010	26,0 to 29,0	5,5 to 9,5	4,0 to 5,0	0,30 to 0,50	1,00	Co: 0,50 to 2,00
Elements not quoted ("–") or not listed in this table shall not be intentionally added to the steel without the agreement of the purchaser except for finishing the cast. All appropriate precautions shall be taken to avoid the addition of such elements from scrap and other materials used in production which would impair mechanical properties and the suitability of the steel.												
^a Maximum values unless indicated otherwise.												
^b Particular ranges of sulfur content may provide improvement of particular properties. For machinability a controlled sulfur content of 0,015 % to 0,030 % is recommended and permitted. For weldability, a controlled sulfur content of 0,008 % to 0,030 % is recommended and permitted. For polishability, a controlled sulfur content of 0,015 % max. is recommended.												
^c A minimum value of the Pitting Resistance Equivalent (PRE = Cr + 3,3 Mo + 16 N) can be agreed upon at the time of enquiry and order.												
[*] Patented steel grade.												