

Overview of steel grades according to DIN EN 10088

Serial Number	Material Number	DIN/EN	Microstructure	Corrosion resistance class CRC	
1	1.4003	X2CrNi12	Ferritic	I / Low	
2	1.4016	X6Cr17	Ferritic		
3	1.4512	X2CrTi12	Ferritic		
4	1.4301	X5CrNi18-10	Austenitic	II / Moderate	
5	1.4306	X2CrNi19-11	Austenitic		
6	1.4307	X2CrNi18-9	Austenitic		
7	1.4567	X3CrNiCu18-9-4	Austenitic		
8	1.4541	X6CrNiTi	Austenitic		
9	1.4318	X2CrNiN18-7	Austenitic		
10	1.4311	X2CrNiN18-10	Austenitic		
11	1.4482	X2CrMnNiMoN21-5-3	Austenitic-ferritic		
12	1.4401	X5CrNiMo17-12-2	Austenitic		III / Medium
13	1.4404	X2CrNiMo17-12-2	Austenitic		
14	1.4578	X3CrNiCuMo17-11-3-2	Austenitic		
15	1.4571	X6CrNiMoTi17-12-2	Austenitic		
16	1.4406	X2CrNiMoN17-11-2	Austenitic		
17	1.4429	X2CrNiMoN17-13-3	Austenitic		
18	1.4432	X2CrNiMo17-12-3	Austenitic		
19	1.4435	X2CrNiMo18-14-3	Austenitic		
20	1.4362	X2CrNiN23-4	Austenitic-ferritic		
21	1.4062	X2CrNiN22-2	Austenitic-ferritic		
22	1.4162	X2CrMnNiN21-5-1	Austenitic-ferritic		
23	1.4662	X2CrNiMnMoCuN24-4-3-2	Austenitic-ferritic	IV / Strong	
24	1.4439	X2CrNiMoN17-13-5	Austenitic		
25	1.4462	X2CrNiMoN22-5-3	Austenitic-ferritic		
26	1.4539	X1NiCrMoCu25-20-5	Austenitic	V / Extremely strong	
27	1.4565	X2CrNiMnMoN25-18-6-5	Austenitic		
28	1.4529	X1NiCrMoCuN25-20-7	Austenitic		
29	1.4547	X1CrNiMoCuN20-18-7	Austenitic		
30	1.4410	X2CrNiMoN25-7-4	Austenitic-ferritic		
31	1.4501	X2CrNiMoCuWN25-7-4	Austenitic-ferritic		
32	1.4507	X2CrNiMoCuN25-6-3	Austenitic-ferritic		

1. According to DIN EN 10088-1.
2. For these steel grades there are higher strengths produced by strain hardening according to DIN EN 1993-1-4/NA.
3. The required corrosion resistance class results from DIN EN 1993-1-4, Appendix A.
4. Applies only to bright metallic surfaces.
5. Austenitic-ferritic steels are also referred to as duplex steels.
6. DIN EN 1993-1-4 or DIN EN 1993-1-4/NA do not specify the yield strength and tensile strength of these steel grades.