

Item	Material classification	Material and variants	Applied standard
1	Austenitic stainless steel	1Cr18Ni9Ti	GB/T 1220-1992
2	Austenitic stainless steel	00Cr17Ni14Mo2	GB/T 1220-1992
3	Austenitic stainless steel	1Cr18Ni9	GB/T 1220-1992
4	Austenitic stainless steel	0Cr18Ni9	GB/T 1220-1992
5	Austenitic stainless steel	0Cr19Ni9	GB/T 1220-1992
6	Austenitic stainless steel	310	ASTM A276-08a
7	Austenitic stainless steel	CF3M (DNV) Mo	ASTM A351-A351M-2000
8	Austenitic stainless steel	CF3A	customer standard
9	Austenitic stainless steel	CF8M (1743)	customer standard
10	Austenitic stainless steel	CF8M (485)	ASTM A351/A351M-2006
11	Austenitic stainless steel	CF8M or 1.4408 (0101)	customer standard
12	Austenitic stainless steel	CF3M or 1.4409 (0101)	customer standard
13	Austenitic stainless steel	CF8 (0101)	customer standard
14	Austenitic stainless steel	316Ti (2404)	customer standard
15	Austenitic stainless steel	CF10SMnN	ASTM A743/A743M-03
16	Austenitic stainless steel	S34700	ASTM A959 (2004)
17	Austenitic stainless steel	25Cr12Ni	ASTM A297-1998
18	Austenitic stainless steel	HHW	customer standard
19	Austenitic stainless steel	CF3M (JX) -N	customer standard
20	Austenitic stainless steel	IR885	customer standard
21	Austenitic stainless steel	CF3M	ASTM A351/A351M-2006
22	Austenitic stainless steel	CF3M (2201)	customer standard
23	Austenitic stainless steel	CF8M	ASTM A351/A351M-2006
24	Austenitic stainless steel	CF8M (2201)	customer standard
25	Austenitic stainless steel	CF8M (HS)	customer standard
26	Austenitic stainless steel	CF8	ASTM 743/A743M-03
27	Austenitic stainless steel	CF8C	ASTM 743/A743M-03
28	Austenitic stainless steel	302	ASTM A276-08a
29	Austenitic stainless steel	303	ASTM A276-08a
30	Austenitic stainless steel	304	ASTM A276-08a
31	Austenitic stainless steel	304L	ASTM A959-09
32	Austenitic stainless steel	316	ASTM A276-08a
33	Austenitic stainless steel	316 (3701)	ASTM A276-08a
34	Austenitic stainless steel	316L	ASTM A276-08a
35	Austenitic stainless steel	CA-6N	ASTM 743/A743M-03
36	Austenitic stainless steel	CH-20	ASTM A351/A351M-2000
37	Austenitic stainless steel	AISI316+2.8%Mo	customer standard
38	Austenitic stainless steel	CF8M (DT)	customer standard
39	Austenitic stainless steel	CF8 (HS)	customer standard
40	Austenitic stainless steel	CF8 (485)	ASTM A351/A351M-2014
41	Austenitic stainless steel	304FC	ASTM A276-08a
42	Austenitic stainless steel	CF3M (HS)	customer standard
43	Austenitic stainless steel	316L (THZ)	customer standard
44	Austenitic stainless steel	316 (WCX)	customer standard
45	Austenitic stainless steel	316L (0101)	customer standard
46	Austenitic stainless steel	CF3M-JX	customer standard
47	Austenitic stainless steel	316S11	customer standard
48	Austenitic stainless steel	310SS	customer standard
49	Austenitic stainless steel	CF3M (2901)	customer standard
50	Austenitic stainless steel	CF-3M (0410)	customer standard

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51	Austenitic stainless steel	AISI 329	ASTM A959-09
52	Austenitic stainless steel	CF8M (DNV)	customer standard
53	Austenitic stainless steel	CF8M (3002)	ASTM A743/A743M-2006
54	Austenitic stainless steel	06Cr19Ni10	GB/T 20878-2007
55	Austenitic stainless steel	ZG03Cr19Ni11	GB/T 2100-2017
56	Austenitic stainless steel	ZG07Cr19Ni11Mo2 (0817)	customer standard
57	Austenitic stainless steel	ZG04Cr20Ni9 (0816)	customer standard
58	Austenitic stainless steel	ZG07Cr19Ni10	GB/T 2100-2017
59	Austenitic stainless steel	316L (2523)	customer standard
60	Austenitic stainless steel	CE8MN	ASTM A890/A890M-2000
61	Austenitic stainless steel	CE8MN (1741)	customer standard
62	Austenitic stainless steel	316L (2534)	customer standard
63	Austenitic stainless steel	CF8M (0774)	customer standard
64	Austenitic stainless steel	AISI 347	ASTM A240/A240M-04a
65	Austenitic stainless steel	316 (0410)	customer standard
66	Austenitic stainless steel	316L (0311)	customer standard
67	Austenitic stainless steel	303 (0841)	customer standard
68	Austenitic stainless steel	1.4409 (N)	customer standard
69	Austenitic stainless steel	304+S	customer standard
70	Austenitic stainless steel	CF3 (1730D)	customer standard
71	Austenitic stainless steel	316L (0819)	customer standard
72	Austenitic stainless steel	316L (2523-7%)	customer standard
73	Austenitic stainless steel	S316-03 (0410)	customer standard
74	Austenitic stainless steel	309S	ASTM A959 (2004)
75	Austenitic stainless steel	316L (0306)	customer standard
76	Austenitic stainless steel	304L (0302)	customer standard
77	Austenitic stainless steel	CF8M (WCX)	customer standard
78	Austenitic stainless steel	304H	customer standard
79	Austenitic stainless steel	316L (0404)	customer standard
80	Austenitic stainless steel	F316 (0772)	customer standard
81	Austenitic stainless steel	304+N	customer standard
82	Austenitic stainless steel	1.4409/316L (CF3M)	customer standard
83	Austenitic stainless steel	TP317	ASTM A249 M-02
84	Austenitic stainless steel	IR830	customer standard
85	Austenitic stainless steel	CF8M (0772)	customer standard
86	Austenitic stainless steel	CF8M (1752)	customer standard
87	Austenitic stainless steel	CF8M (2107)	customer standard
88	Austenitic stainless steel	CF16Fa	ASTM A473/A743M-06
89	Austenitic stainless steel	CF3M (WF)	customer standard
90	Austenitic stainless steel	1.4308 (0101)	customer standard
91	Austenitic stainless steel	316L (A240)	customer standard
92	Austenitic stainless steel	CF3M (0851)	customer standard
93	Austenitic stainless steel	CF10M	ASME SA-3351/SA-351M
94	Austenitic stainless steel	304 (2909)	customer standard
95	Austenitic stainless steel	1.4409 (0833)	customer standard
96	Austenitic stainless steel	CF3M/CF8M	ASTM A351-A351M-2000
97	Austenitic stainless steel	1.4301 (0822)	customer standard
98	Austenitic stainless steel	316L (0410)	customer standard
99	Austenitic stainless steel	CF3MN	ASTM A351/A351M-2000
100	Austenitic stainless steel	310 (0302)	customer standard

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101	Austenitic stainless steel	CF3M (2601)	customer standard
102	Austenitic stainless steel	CF3M/1.4409	ASTM A351/EN10213
103	Austenitic stainless steel	317L	ASTM A240/A240M-05
104	Austenitic stainless steel	316L (0409)	customer standard
105	Austenitic stainless steel	316L (SA-479)	customer standard
106	Austenitic stainless steel	904L (490)	customer standard
107	Austenitic stainless steel	316L (485)	customer standard
108	Austenitic stainless steel	SCS12 (0746)	JIS G5121-2003
109	Austenitic stainless steel	SCS13	JIS G5121-2003
110	Austenitic stainless steel	SCS14	JIS G5121-2003
111	Austenitic stainless steel	SCS14A	JIS G5121-2003
112	Austenitic stainless steel	SCS16	JIS G5121-2003
113	Austenitic stainless steel	SCS16A	JIS G5121-2003
114	Austenitic stainless steel	SUS304	JIS G4303-2005
115	Austenitic stainless steel	SUS303	JIS G4303-2005
116	Austenitic stainless steel	SCS13A	JIS G5121-2003
117	Austenitic stainless steel	SCS14 (WCX)	customer standard
118	Austenitic stainless steel	SCS16 (WCX)	customer standard
119	Austenitic stainless steel	SCS13 (SZHH)	customer standard
120	Austenitic stainless steel	SCS12	JIS G5121-2003
121	Austenitic stainless steel	SCH13+Nb	customer standard
122	Austenitic stainless steel	DCN2 (0746)	customer standard
123	Austenitic stainless steel	SCH11	JIS G5122-2003
124	Austenitic stainless steel	SCS13 (0508)	customer standard
125	Austenitic stainless steel	SCH12 (0512)	customer standard
126	Austenitic stainless steel	1.4409 (2508)	customer standard
127	Austenitic stainless steel	W1.4301	DIN EN10088-1 (2005)
128	Austenitic stainless steel	W1.4301-M	customer standard
129	Austenitic stainless steel	W1.4301-MOD	customer standard
130	Austenitic stainless steel	1.4305	DIN EN10088-1 (2005)
131	Austenitic stainless steel	1.4308 or GX5CrNi19-10	DIN EN10283-2019/DIN EN10213-2016
132	Austenitic stainless steel	1.4401	DIN EN 10217-7 (2005)
133	Austenitic stainless steel	1.4404	DIN EN 10088-3
134	Austenitic stainless steel	1.4406	DIN EN10088-1 (2005)
135	Austenitic stainless steel	1.4408	DIN EN10213-4 (2007)
136	Austenitic stainless steel	1.4581 (JAKO)	customer standard
137	Austenitic stainless steel	1.4581	EN10283:2010 (E)
138	Austenitic stainless steel	1.4435	DIN EN10088-1 (2005)
139	Austenitic stainless steel	1.4435 (JX)	customer standard
140	Austenitic stainless steel	1.4828	BS EN 10095-1999
141	Austenitic stainless steel	1.4301 or X5CrNi18.10	DIN EN 10088-1 (2005)
142	Austenitic stainless steel	1.4403	customer standard
143	Austenitic stainless steel	1.4308 (0203)	customer standard
144	Austenitic stainless steel	1.4409	DIN EN10213-2016
145	Austenitic stainless steel	1.4541	DIN EN10088-1 (2005)
146	Austenitic stainless steel	1.4301 (JX)	DIN EN 10088-1 (2005)
147	Austenitic stainless steel	GX2CrNiMo19-11-2	DIN 17445 (1984)
148	Austenitic stainless steel	EN 1.4436	EN 10088-2:2005
149	Austenitic stainless steel	1.4301-E	DIN EN 10088-1 (2005)
150	Austenitic stainless steel	1.4552	DIN EN 10283-1998

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151	Austenitic stainless steel	1.4550 or X6CrNiNb18-1	DIN EN10088-1 (2005)
152	Austenitic stainless steel	1.4826	DIN EN 10295 (2002)
153	Austenitic stainless steel	G-X6CrNi18 10	DIN SEW 685 (03/2000)
154	Austenitic stainless steel	1.4409 (0818)	customer standard
155	Austenitic stainless steel	1.4312 (2525)	customer standard
156	Austenitic stainless steel	1.4435 (2530)	customer standard
157	Austenitic stainless steel	1.4435 (0915)	customer standard
158	Austenitic stainless steel	GX2CrNi18-9	DIN 17445 (1984)
159	Austenitic stainless steel	1.4582	DIN EN10088-1 (2005)
160	Austenitic stainless steel	1.4571	DIN EN10088-1 (2005)
161	Austenitic stainless steel	1.4308 (SZHH)	customer standard
162	Austenitic stainless steel	1.4581 (FLJT)	customer standard
163	Austenitic stainless steel	1.4404 (WCX)	customer standard
164	Austenitic stainless steel	1.4409 (0302)	customer standard
165	Austenitic stainless steel	1.396	customer standard
166	Austenitic stainless steel	1.4306	EN 10088-1: 2005
167	Austenitic stainless steel	1.4408 (0602)	customer standard
168	Austenitic stainless steel	1.4321	DIN 17400-1996
169	Austenitic stainless steel	1.441	DIN EN10088-4 (2
170	Austenitic stainless steel	1.4435 (2515)	customer standard
171	Austenitic stainless steel	ANC3A	BS_3146-2-1992
172	Austenitic stainless steel	ANC3B	BS_3146-2-1992
173	Austenitic stainless steel	ANC3BFC	customer standard
174	Austenitic stainless steel	ANC4B	BS_3146-2-1992
175	Austenitic stainless steel	ANC4BFC	customer standard
176	Austenitic stainless steel	316C12 (MIC)	customer standard
177	Austenitic stainless steel	316S16	customer standard
178	Austenitic stainless steel	ANC4BLC	customer standard
179	Austenitic stainless steel	HR7	customer standard
180	Austenitic stainless steel	316C16	BS 3100 Part4 (1991)
181	Austenitic stainless steel	FMX	customer standard
182	Austenitic stainless steel	ANC3AFC	customer standard
183	Austenitic stainless steel	ANC5A	BS_3146-2-1992
184	Austenitic stainless steel	ANC4BLC (0409)	customer standard
185	Austenitic stainless steel	ANC4BFC (0409)	customer standard
186	Austenitic stainless steel	316C12	BS 3100 Part4 (1991)
187	Austenitic stainless steel	347C17	BS 3100 Part4-1991
188	Austenitic stainless steel	ANC4B (0101)	customer standard
189	Austenitic stainless steel	ANC3ALC	BS 316 Part2 (1992)
190	Austenitic stainless steel	316S31	BS 1449 Part2 (1983)
191	Austenitic stainless steel	1.4307 or X2CrNi18-9	BS EN10088-3 (2005)
192	Austenitic stainless steel	1.4309 or GX2CrNi19-11	BS EN 10283:2010
193	Austenitic stainless steel	1.4310 (0410)	DIN EN 10088-3:2005
194	Austenitic stainless steel	ANC4BLCHNi (0409)	customer standard
195	Austenitic stainless steel	ANC4BLC (0414)	customer standard
196	Austenitic stainless steel	1.4581 (AD2000)	customer standard
197	Austenitic stainless steel	1.4448	customer standard
198	Austenitic stainless steel	Cr20Ni14Si2	customer standard
199	Austenitic stainless steel	KN2	customer standard
200	Austenitic stainless steel	ANC4B (0410)	customer standard

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201	Austenitic stainless steel	ANC4BLCFC	customer standard
202	Austenitic stainless steel	ANC4B (0833)	customer standard
203	Austenitic stainless steel	1.4825	DIN 17465-1993
204	Austenitic stainless steel	1.4408 (3204)	customer standard
205	Austenitic stainless steel	1.4541 (0410)	customer standard
206	Austenitic stainless steel	CF3M (0409)	customer standard
207	Austenitic stainless steel	1.4463	DIN 17445-1984
208	Austenitic stainless steel	1.4409 (0817)	customer standard
209	Austenitic stainless steel	1.4409 (BS EN10283)	customer standard
210	Austenitic stainless steel	1.4408 (0203)	customer standard
211	Austenitic stainless steel	SS2333	customer standard
212	Austenitic stainless steel	SS2343	customer standard
213	Austenitic stainless steel	ZG1Cr18Ni9Ti (3502)	customer standard
214	Austenitic stainless steel	1.4404 (2403)	customer standard
215	Austenitic stainless steel	ZG07Cr19Ni11Mo2	GB/T 16253-1996
216	Austenitic stainless steel	0Cr18Ni9 (2704)	customer standard
217	Austenitic stainless steel	ZG07Cr19Ni9	GB/T 2100-2002
218	Austenitic stainless steel	CF3	ASTM A743/A743M-1992
219	Austenitic stainless steel	316 (1502)	customer standard
220	Austenitic stainless steel	309	ASTM A959-09
221	Austenitic stainless steel	CF3M (0414)	customer standard
222	Austenitic stainless steel	SA-351-CH20	ASTM A351-A351M-2006
223	Austenitic stainless steel	CF3M (DNV)	customer standard
224	Austenitic stainless steel	CF8M (2901)	customer standard
225	Austenitic stainless steel	CF8M (0414)	customer standard
226	Austenitic stainless steel	CF8M (0842)	ASTM A743/A743M-03
227	Austenitic stainless steel	304 (1302)	customer standard
228	Austenitic stainless steel	316L (0817)	customer standard
229	Austenitic stainless steel	304 (0814)	customer standard
230	Austenitic stainless steel	316L (0906)	customer standard
231	Austenitic stainless steel	CF3M (0918)	customer standard
232	Austenitic stainless steel	316S11 (0410)	customer standard
233	Austenitic stainless steel	Z3 CND 19-10M	RCC-M M3402
234	Austenitic stainless steel	ZG04Cr19Ni10Mo2	NB/T 20007.23
235	Austenitic stainless steel	CF3M (6003)	customer standard
236	Austenitic stainless steel	316C12 (0409)	customer standard
237	Austenitic stainless steel	ZG03Cr19Ni11Mo2	GB/T 2100-2002
238	Austenitic stainless steel	CF3 (C330121)	customer standard
239	Austenitic stainless steel	Z3CN20-09M or ZG04Cr20	RCC-M M3405
240	Austenitic stainless steel	Z3CN20-09M (0816)	RCC-M M3405
241	Austenitic stainless steel	Z3CND19-10M (0817)	RCC-M 3402
242	Austenitic stainless steel	Z2CND18-12M	customer standard
243	Martensitic stainless steel	2Cr13	GB/T 1220-1992
244	Martensitic stainless steel	ZG1Cr11Ni2WMoV	HB5430-89
245	Martensitic stainless steel	CA6NM-B (0414)	customer standard
246	Martensitic stainless steel	CA40	ASTM A743/A743M-2006
247	Martensitic stainless steel	CA6NM-A (0308)	customer standard
248	Martensitic stainless steel	CA6NM-B (0308)	customer standard
249	Martensitic stainless steel	IR805 (SPAIN)	customer standard
250	Martensitic stainless steel	S40940	ASTM A959 (2004)

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251	Martensitic stainless steel	416	ASTM A959 (2004)
252	Martensitic stainless steel	IR805 (1504)	customer standard
253	Martensitic stainless steel	AISI420	ASTM A959 (2004)
254	Martensitic stainless steel	430FM	customer standard
255	Martensitic stainless steel	431	ASTM A959 (2004)
256	Martensitic stainless steel	CA6NM	ASTM 743/A743M-03
257	Martensitic stainless steel	410	ASTM A276-08a
258	Martensitic stainless steel	410SS	ASTM A276-08a
259	Martensitic stainless steel	420	ASTM A959 (2004)
260	Martensitic stainless steel	431 (XBS)	customer standard
261	Martensitic stainless steel	CA6NM-A or IR805	ASTM A487/A487M-2007
262	Martensitic stainless steel	CA15	ASTM 743A743M-03
263	Martensitic stainless steel	CA6NM-B	ASTM A487/A487M-2007
264	Martensitic stainless steel	CA6NM-B (2601)	customer standard
265	Martensitic stainless steel	CA6NM (2601Cr13Ni4)	customer standard
266	Martensitic stainless steel	ZG15Cr13	GB/T 2100-2017
267	Martensitic stainless steel	ZG2Cr13 (C310116)	customer standard
268	Martensitic stainless steel	ZG15Cr13 (2304)	GB/T 2100-2017
269	Martensitic stainless steel	AISI 440A	ASTM A959-09
270	Martensitic stainless steel	416SS	ASTM A959 (2004)
271	Martensitic stainless steel	410SS (0919)	customer standard
272	Martensitic stainless steel	416SS (0919)	customer standard
273	Martensitic stainless steel	410SS (1717)	customer standard
274	Martensitic stainless steel	CA6NM-A (Cr13)	customer standard
275	Martensitic stainless steel	CA6NM-B (1504)	customer standard
276	Martensitic stainless steel	CA40 (1725)	customer standard
277	Martensitic stainless steel	CA-15 (0842)	customer standard
278	Martensitic stainless steel	CA15 (WSZ3046)	ASTM A743/A743M-2006
279	Martensitic stainless steel	410S	ASTM A240-240M-04a
280	Martensitic stainless steel	CA6NM (SGS)	customer standard
281	Martensitic stainless steel	CA6NM (Cr13)	customer standard
282	Martensitic stainless steel	CA15 (0846)	customer standard
283	Martensitic stainless steel	CA6NM (0414)	customer standard
284	Martensitic stainless steel	410 (0302)	customer standard
285	Martensitic stainless steel	410S (0302)	customer standard
286	Martensitic stainless steel	SCS24	JIS G5121-2003
287	Martensitic stainless steel	SCS1T2	JIS G5121-2003
288	Martensitic stainless steel	SUS431	JIS G4303-2005
289	Martensitic stainless steel	SCS1T1	JIS G5121-2003
290	Martensitic stainless steel	SCS6	customer standard
291	Martensitic stainless steel	1.4317 (2510)	customer standard
292	Martensitic stainless steel	1.4008	DIN EN10283 (1998)
293	Martensitic stainless steel	G-X35CrMo17	DIN 17442-77
294	Martensitic stainless steel	1.4028 or X30Cr13	DIN EN 10088-1 (2005)
295	Martensitic stainless steel	1.4122	DIN17442-1977
296	Martensitic stainless steel	1.412	DIN EN 10088-1 (2005)
297	Martensitic stainless steel	1.4027	DIN 17445-1984
298	Martensitic stainless steel	1.4057 or X17CrNi16-2	DIN EN 10088-1 (2005)
299	Martensitic stainless steel	1.4122 (0410)	customer standard
300	Martensitic stainless steel	1.4418	EN10088-1:2005

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301	Martensitic stainless steel	G-X5CrNi13-4 (0410)	customer standard
302	Martensitic stainless steel	SS420 MOULD	ASTM A276-08a
303	Martensitic stainless steel	X36CrMo17	customer standard
304	Martensitic stainless steel	GX4CrNi13-4 (3201)	customer standard
305	Martensitic stainless steel	1.4008 (0842)	customer standard
306	Martensitic stainless steel	ANC1B	BS_3146-2-1992
307	Martensitic stainless steel	ANC1C	BS_3146-2-1992
308	Martensitic stainless steel	1.4317 (2603)	customer standard
309	Martensitic stainless steel	AISI 420 (1024)	customer standard
310	Martensitic stainless steel	5Cr12	customer standard
311	Martensitic stainless steel	1.4008.09	customer standard
312	Martensitic stainless steel	ANC2 (0833)	customer standard
313	Martensitic stainless steel	ZG0Cr13Ni4Mo	JB/T6405-1992
314	Martensitic stainless steel	ANC 1A	BS_3146-2-1975
315	Martensitic stainless steel	ZG1Cr13Ni	QJ/S f2.01-1996
316	Martensitic stainless steel	1.4418 (0822)	customer standard
317	Martensitic stainless steel	GX20Cr14	SEW 410-1998-07
318	Martensitic stainless steel	1.4138	SEW 410-1998-07
319	Martensitic stainless steel	1.4317 (0846)	customer standard
320	Martensitic stainless steel	2Cr13 (0765)	customer standard
321	Martensitic stainless steel	X30Cr13	GB/T1220-2007
322	Martensitic stainless steel	1Cr13	JB/T 6405-1992
323	Martensitic stainless steel	4Cr13	GB/T 1220-1992
324	Martensitic stainless steel	IR913, IR913H, IR913	customer standard
325	Martensitic stainless steel	1.4108	DIN 17400-1996
326	Martensitic stainless steel	ZG2Cr13 (0838)	customer standard
327	Martensitic stainless steel	ZG1Cr17Ni3 (2704)	customer standard
328	Martensitic stainless steel	ZG1Cr13NiMo	customer standard
329	Martensitic stainless steel	ZG1Cr13Ni (C310129)	Q/ZD32-2018
330	Martensitic stainless steel	ZG15Cr12	customer standard
331	Martensitic stainless steel	420 (0101)	customer standard
332	Martensitic stainless steel	440C	ASTM A959-09
333	Martensitic stainless steel	202	ASTM A276-08a
334	Martensitic stainless steel	S41500	ASTM A595 (2004)
335	Martensitic stainless steel	ZG06Cr13Ni4Mo (0712T3)	customer standard
336	Martensitic stainless steel	ZG2Cr13 (1032)	customer standard
337	Martensitic stainless steel	Z5CND13-04 (1202)	customer standard
338	Martensitic stainless steel	ZG06Cr13Ni4Mo (2304)	customer standard
339	Martensitic stainless steel	12Cr13	GB/T1220-2007
340	Martensitic stainless steel	1Cr17Ni2	GB/T 1220-2007
341	Martensitic stainless steel	AS2074 H5A	AS2074-2003
342	Martensitic stainless steel	ZG06Cr13Ni4Mo	Q/CNPE.J104.6-2009
343	Martensitic stainless steel	AS2074 H3C	AS2074-2003
344	Martensitic stainless steel	Z5CND13-04	RCC-M M3201
345	Martensitic stainless steel	AS2074 H5B	AS2074-2003
346	Heat-resistant stainless steel	904L	ASTM A240/240M-04a
347	Heat-resistant stainless steel	HK-40	ASTM A297/A297M (1997)
348	Heat-resistant stainless steel	HB525D	customer standard
349	Heat-resistant stainless steel	IN-519	customer standard
350	Heat-resistant stainless steel	HB512	customer standard

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351	Heat-resistant stainless steel	HB512D	customer standard
352	Heat-resistant stainless steel	HK30	ASTM A297/A297M (1997)
353	Heat-resistant stainless steel	CK-20	ASTM A351/A351M-2000
354	Heat-resistant stainless steel	UNS N08800	ASTM A240/A240M (2004)
355	Heat-resistant stainless steel	ASTMA297HH	ASTM A 297/A 297M-08
356	Heat-resistant stainless steel	HU	ASTM A297/A297M-08
357	Heat-resistant stainless steel	HK30+Nb	customer standard
358	Heat-resistant stainless steel	HK	ASTM A297/A297M-08
359	Heat-resistant stainless steel	W620	customer standard
360	Heat-resistant stainless steel	Avesta 654 SMO	customer standard
361	Heat-resistant stainless steel	CN7M (0101)	customer standard
362	Heat-resistant stainless steel	AISI 330	customer standard
363	Heat-resistant stainless steel	SCH13	JIS G5122-1991
364	Heat-resistant stainless steel	SCH15	JIS G5122-2003
365	Heat-resistant stainless steel	SCH22	JIS G5122-2003
366	Heat-resistant stainless steel	SCH21	JIS G5122-2003
367	Heat-resistant stainless steel	SCH24	JIS G5122-2003
368	Heat-resistant stainless steel	SCH21+Nb	customer standard
369	Heat-resistant stainless steel	HB518X	customer standard
370	Heat-resistant stainless steel	HB520D	customer standard
371	Heat-resistant stainless steel	SCH22 (0746)	customer standard
372	Heat-resistant stainless steel	1.4886	EN 10088-1:2005
373	Heat-resistant stainless steel	1.4584	EN10283:2010 (E)
374	Heat-resistant stainless steel	1.4855 or HR25	BS EN10295-2002
375	Heat-resistant stainless steel	1.4865	DIN EN 10295 (2002)
376	Heat-resistant stainless steel	1.4841	BS EN10095 (1999)
377	Heat-resistant stainless steel	1.4855 (2103)	customer standard
378	Heat-resistant stainless steel	1.4539	DIN EN10088-1 (2005)
379	Heat-resistant stainless steel	HR32	customer standard
380	Heat-resistant stainless steel	HR6 (CRONITE 25Cr/20N)	customer standard
381	Heat-resistant stainless steel	1.4848	BS EN10295-2002
382	Heat-resistant stainless steel	Cr25Ni20	customer standard
383	Heat-resistant stainless steel	1.485	customer standard
384	Heat-resistant stainless steel	1.4852	DIN EN 10295 (2002)
385	Heat-resistant stainless steel	1.4957 (0746)	customer standard
386	Heat-resistant stainless steel	1.4849	BS-EN-10295-2002
387	Heat-resistant stainless steel	AL6XN	ASTM B688-2004
388	Heat-resistant stainless steel	1.4886 (0302)	customer standard
389	Heat-resistant stainless steel	1.4539 (0726)	customer standard
390	Heat-resistant stainless steel	ZG40Cr25Ni20	JB/T 6403-1992
391	Heat-resistant stainless steel	2520	customer standard
392	Heat-resistant stainless steel	SST MP-S-0108	customer standard
393	Heat-resistant stainless steel	ZG1Cr24Ni20Mo2Cu3	customer standard
394	Heat-resistant stainless steel	CN7M	ASTM A351/A351M-94a
395	Heat-resistant stainless steel	310S	ASTM A959-09
396	Heat-resistant stainless steel	CN3MN	ASTM A890 /A890M-99 (2007)
397	Heat-resistant stainless steel	HK30 (0813)	ASTM A297/A297M (1997)
398	Heat-resistant stainless steel	HT (2103)	customer standard
399	Heat-resistant stainless steel	15Cr18Ni22W6Mo3B	customer standard
400	Heat-resistant stainless steel	SUH661 (C210112)	customer standard

Item	Material classification	Material and variants	Applied standard
401	Ferritic stainless steel	1Cr17	GB/T 1220-1992
402	Ferritic stainless steel	420C	customer standard
403	Ferritic stainless steel	430	ASTM A240/A240M-04a
404	Ferritic stainless steel	440B	ASTM A959-09
405	Ferritic stainless steel	431 (2102)	customer standard
406	Ferritic stainless steel	444	ASTM A240/A240M-04a
407	Ferritic stainless steel	444 (0410)	customer standard
408	Ferritic stainless steel	404	customer standard
409	Ferritic stainless steel	SCS2A	JIS G5121-2003
410	Ferritic stainless steel	SUS430MT	customer standard
411	Ferritic stainless steel	HF1	customer standard
412	Ferritic stainless steel	2.4778	DIN EN 10295 (2002)
413	Ferritic stainless steel	1.2436	DIN 17350-80
414	Ferritic stainless steel	1.4526	EN 10088-1-2005
415	Ferritic stainless steel	1.4021	DIN EN 10088-1 (2005)
416	Ferritic stainless steel	1.4104 or X12CrMoS17	DIN EN 10088-1 (2005)
417	Ferritic stainless steel	G-X22CrNi17	DIN 17445 (1984)
418	Ferritic stainless steel	1.4016	DIN EN 10088-1 (2005)
419	Ferritic stainless steel	X14CrMoS17 (2506)	customer standard
420	Ferritic stainless steel	1.4535 (2107)	customer standard
421	Ferritic stainless steel	W13 (W72T53)	customer standard
422	Ferritic stainless steel	1.4116	DIN EN 10088-1 (2005)
423	Ferritic stainless steel	X17CrNi16-2 (SIDEL)	customer standard
424	Ferritic stainless steel	GX165CrMoV12	customer standard
425	Ferritic stainless steel	1.4125 (0203)	customer standard
426	Ferritic stainless steel	1.4059	DIN17445 (1984)
427	Ferritic stainless steel	1.4511 (0410)	customer standard
428	Ferritic stainless steel	ANC2	BS_3146-2-1992
429	Ferritic stainless steel	ANC2 (TL)	customer standard
430	Ferritic stainless steel	DCR3	customer standard
431	Ferritic stainless steel	1.2382	customer standard
432	Ferritic stainless steel	1.4059 (2538)	customer standard
433	Ferritic stainless steel	G-X22CrNi17 (2409)	customer standard
434	Ferritic stainless steel	SS446	ASTM A276-08a
435	Ferritic stainless steel	431 (0101)	customer standard
436	Ferritic stainless steel	1.4405	DIN EN 10283-2019
437	Ferritic stainless steel	1.4057 (0602)	customer standard
438	Ferritic stainless steel	ZG1Cr17Ni3	HB5430-2011
439	Duplex stainless steel	S32550	ASTM A240-240M-04a
440	Duplex stainless steel	A890 1B (2601)	customer standard
441	Duplex stainless steel	W360T2 (1742)	customer standard
442	Duplex stainless steel	A995 1B	A995/A995M-98 (2003)
443	Duplex stainless steel	A890 1C	ASTM A890/A890M-99
444	Duplex stainless steel	A890 4A (M2)	customer standard
445	Duplex stainless steel	A890 4A (CD3MN)	ASTM A890_A890M-99
446	Duplex stainless steel	A890 1C (2601)	customer standard
447	Duplex stainless steel	2205	ASTM A240/A240M-04a
448	Duplex stainless steel	A890 4A	ASTM A890/A890M-99 (2007)
449	Duplex stainless steel	A890 5A (2601)	customer standard
450	Duplex stainless steel	A890 1A (2601)	customer standard

Item	Material classification	Material and variants	Applied standard
451	Duplex stainless steel	A995 1B (2601)	ASTM A995-A995M-98
452	Duplex stainless steel	CG6MMN	ASTM A351/A351M-2000
453	Duplex stainless steel	ZG03Cr22Ni6Mo3N (0817)	customer standard
454	Duplex stainless steel	A890 6A (0308)	customer standard
455	Duplex stainless steel	AISI 329 (2203)	customer standard
456	Duplex stainless steel	A890 5A (PREN42)	customer standard
457	Duplex stainless steel	CE3MN	ASTM A890 /A890M-99 (2007)
458	Duplex stainless steel	A995 2A (0842)	customer standard
459	Duplex stainless steel	W361 (1742)	customer standard
460	Duplex stainless steel	S32750	ASTM A240/A240M (2004)
461	Duplex stainless steel	A995 4A (0302)	customer standard
462	Duplex stainless steel	A890 1B or CD4MCuN	ASTM A890/A890M-99 (2007)
463	Duplex stainless steel	A890 6A	ASTM A890/A890M-99 (2007)
464	Duplex stainless steel	A995 4A	ASTM A995-A995M-98
465	Duplex stainless steel	A890 5A (1504)	customer standard
466	Duplex stainless steel	A995 3A	ASTM A995-A995M-98
467	Duplex stainless steel	A890 5A (0846)	customer standard
468	Duplex stainless steel	CD3MN (0932)	customer standard
469	Duplex stainless steel	SCS11	JIS G5121-2003
470	Duplex stainless steel	DCS1 (DT-POT)	customer standard
471	Duplex stainless steel	SUS329J1	JIS G4303-2005
472	Duplex stainless steel	DCS1 (DT-ZHJ)	customer standard
473	Duplex stainless steel	A995 5A (0846)	customer standard
474	Duplex stainless steel	A995 4A (450)	ASTM A995-A995M-98
475	Duplex stainless steel	1.4313	DIN EN10088-1 (2005)
476	Duplex stainless steel	1.446	DIN EN10088-1 (2005)
477	Duplex stainless steel	1.4462 (KH)	customer standard
478	Duplex stainless steel	1.4468	DIN EN 10283-2010
479	Duplex stainless steel	1.4517 or 1.4517 (0203)	customer standard
480	Duplex stainless steel	1.4469	DIN EN10213-2007
481	Duplex stainless steel	1.4462	DIN EN10088-1 (2005)
482	Duplex stainless steel	GX4CrNi13-4	DIN EN10213-2008
483	Duplex stainless steel	1.447	EN 10213-2007
484	Duplex stainless steel	1.4785	DIN EN 10090 (1998)
485	Duplex stainless steel	G-X105CrMo18 or 1.4528	customer standard
486	Duplex stainless steel	1.4317	BS EN 10283-2010
487	Duplex stainless steel	1.4462 (2520)	customer standard
488	Duplex stainless steel	ANC21	BS_3146-2-1992
489	Duplex stainless steel	1.4464	DIN SEW 410
490	Duplex stainless steel	1.4474	BS EN 10283-2010
491	Duplex stainless steel	1.4469 (2529)	customer standard
492	Duplex stainless steel	SAF2304 (1.4362)	EN 10088-2-2005
493	Duplex stainless steel	1.4470 (0817)	customer standard
494	Duplex stainless steel	1.4470 (BS EN10283)	BS EN 10283
495	Duplex stainless steel	S22053	GB/T 20878
496	Duplex stainless steel	A890 5A	ASTM A890 /A890M (2007)
497	Duplex stainless steel	ZG06Cr25Ni7Mo2N	Q/AH.J202.001-2010
498	Duplex stainless steel	2507	ASTM_A240-240M-04a
499	Duplex stainless steel	A995 5A	ASTM A995-A995M-98
500	Duplex stainless steel	A995 4A (0410)	customer standard

Item	Material classification	Material and variants	Applied standard
501	Duplex stainless steel	A890 3A	ASTM A890/A890M-99 (2007)
502	Duplex stainless steel	A890 5A (0504)	customer standard
503	Duplex stainless steel	CD3MWCuN or A890 6A	ASTM A890/A890M-99 (2007)
504	Duplex stainless steel	A890 1A or CD-4MCu	ASTM A890/A890M-99 (2007)
505	Duplex stainless steel	ZG03Cr26Ni5Mo3N	GB/T 2100-2002
506	Duplex stainless steel	ZG03Cr22Ni6Mo3N	NB/T 2007.29-2014
507	Duplex stainless steel	A276 UNSS-32760	customer standard
508	Duplex stainless steel	A890 1A (0409)	customer standard
509	Duplex stainless steel	1.4517 (0203)	customer standard
510	Duplex stainless steel	GX4CrNi13-4 (0410)	DIN EN 10283 (2005)
511	Duplex stainless steel	4U	customer standard
512	Precipitation hardening stainless steel	17-4PH (0726)	customer standard
513	Precipitation hardening stainless steel	15-5PH	ASTM A693-2003
514	Precipitation hardening stainless steel	15-5PH (0101)	customer standard
515	Precipitation hardening stainless steel	17-4PH	ASTM A693-03
516	Precipitation hardening stainless steel	CB7Cu-1	ASTM A747/A747M-2004
517	Precipitation hardening stainless steel	17-4PH (2003)	customer standard
518	Precipitation hardening stainless steel	17-4PH (WT)	customer standard
519	Precipitation hardening stainless steel	17-4PH (0814)	customer standard
520	Precipitation hardening stainless steel	CB7Cu-1 (2603)	customer standard
521	Precipitation hardening stainless steel	CB7Cu-1 (0850)	customer standard
522	Precipitation hardening stainless steel	17-4PH (0850)	customer standard
523	Precipitation hardening stainless steel	15-5PH (AMS5357)	AMS5357 Rev.C
524	Precipitation hardening stainless steel	17-4PH (1716)	customer standard
525	Precipitation hardening stainless steel	SCS24 (SZHH)	customer standard
526	Precipitation hardening stainless steel	SUS630	JIS G4303-2005
527	Precipitation hardening stainless steel	1.4525	DIN EN 10283-1998
528	Precipitation hardening stainless steel	1.4542	EN10088-1:2005
529	Precipitation hardening stainless steel	ANC20	BS_3146-2-1992
530	Precipitation hardening stainless steel	ANC22CANC22BANC22A	BS_3146-2-1992
531	Precipitation hardening stainless steel	ANC20A	BS_3146-2-1992
532	Precipitation hardening stainless steel	ANC20B	BS_3146-2-1992
533	Precipitation hardening stainless steel	ANC20B (0414)	customer standard
534	Precipitation hardening stainless steel	1.4547	BS EN 10028-7:2016
535	Precipitation hardening stainless steel	ANC22A (0410)	customer standard
536	Precipitation hardening stainless steel	ANC20B (1762)	customer standard
537	Precipitation hardening stainless steel	1.4538	SEW410:2017
538	Precipitation hardening stainless steel	17-4PH-1100	customer standard
539	Precipitation hardening stainless steel	CB7Cu-2	ASTM A747/A747M-2004
540	Low alloy steel	ZG25	GB/T 11352-1989
541	Low alloy steel	ZG35	GB/T 11352-1989
542	Low alloy steel	ZG45	GB/T 11352-1989
543	Low alloy steel	ZG310-570 (LG)	customer standard
544	Low alloy steel	GCr15	GB/T 18254-2016
545	Low alloy steel	ZG50	customer standard
546	Low alloy steel	Q235	GB/T 700-2006
547	Low alloy steel	ZG42CrMo	JB/T 6402-2006
548	Low alloy steel	20Cr	GB/T3077-1999
549	Low alloy steel	9Mn2V	GB/T 1299-2000
550	Low alloy steel	40Cr	GB/T3077-1999

Item	Material classification	Material and variants	Applied standard
551	Low alloy steel	16CrMo4	DIN EN10028-2 (2003)
552	Low alloy steel	ZG20CrMo	JB/T 6402-2006
553	Low alloy steel	ZG40Cr	JB/ZQ 4297-86
554	Low alloy steel	40CrV	GB3077-88
555	Low alloy steel	30CrNiMo8	DIN EN 10263-4 (2002)
556	Low alloy steel	18CrNiMo7	EN10081-2008
557	Low alloy steel	50CrV	GB/T3077-1999
558	Low alloy steel	40CrNiMoA (0758)	customer standard
559	Low alloy steel	ZG270-500	GB/T11352-1989
560	Low alloy steel	20CrMnMo (0753)	customer standard
561	Low alloy steel	1020 (ICI)	customer standard
562	Low alloy steel	WCB	ASTM A216/A216M-16
563	Low alloy steel	1030	customer standard
564	Low alloy steel	WCB (HB2000)	customer standard
565	Low alloy steel	WCB (2201)	customer standard
566	Low alloy steel	1020 (SJST)	customer standard
567	Low alloy steel	AISI 6150	SAE J1249-2001
568	Low alloy steel	AISI 5140	SAE J1249-2001
569	Low alloy steel	WCA	ASTM A216/A216M-16
570	Low alloy steel	WC6	ASTM A217/A217M (2004)
571	Low alloy steel	1020 (1713)	customer standard
572	Low alloy steel	4140 (WF)	customer standard
573	Low alloy steel	8630 (WF)	customer standard
574	Low alloy steel	AISI S1	ASTM A681-1999
575	Low alloy steel	LCC	ASTM A352-2006
576	Low alloy steel	SAE4140	ASTM A29/29M (2004)
577	Low alloy steel	8620	ASTM A29/29M (2004)
578	Low alloy steel	13Q	ASTM A732/A732M (2002)
579	Low alloy steel	8640	ASTM A29/29M (2004)
580	Low alloy steel	4130 or 7Q	ASTM A732/A732M (2002)
581	Low alloy steel	4140	ASTM A29/29M (2004)
582	Low alloy steel	8630	ASTM A29/29M (2004)
583	Low alloy steel	4130 (AISI)	customer standard
584	Low alloy steel	4140 (WT)	customer standard
585	Low alloy steel	8625	ASTM A29/29M (2004)
586	Low alloy steel	WCB or 1.0619 (0101)	customer standard
587	Low alloy steel	G18NiMoCr3-6 (1.6759) -SEW520	SEW 520-1996
588	Low alloy steel	CLA7 (3%Cr-Mo)	BS3146-1:1974
589	Low alloy steel	4140 (1745)	customer standard
590	Low alloy steel	WCC	ASTM A216/A216M
591	Low alloy steel	4340	ASTM A29/29M (2004)
592	Low alloy steel	CLASS C	ASTMA352/A352M-93
593	Low alloy steel	8630 (1713)	customer standard
594	Low alloy steel	8620 (1713)	customer standard
595	Low alloy steel	GR4A	ASTM A487-93 (98)
596	Low alloy steel	4340 (1713)	customer standard
597	Low alloy steel	4140 (1713)	customer standard
598	Low alloy steel	4130 (1713)	customer standard
599	Low alloy steel	42CrMo	GB/T 3077-2015
600	Low alloy steel	Q235B	GB/T 700-2006

Item	Material classification	Material and variants	Applied standard
601	Low alloy steel	S20C	JIS G4051-2005
602	Low alloy steel	S45C	customer standard
603	Low alloy steel	S50C	JIS G4051-2005
604	Low alloy steel	S25C	JIS G4051-2005
605	Low alloy steel	S25C-GJ	customer standard
606	Low alloy steel	S15C	JIS G4051-2005
607	Low alloy steel	8630 (WS-235)	customer standard
608	Low alloy steel	4320 (WS-224)	customer standard
609	Low alloy steel	4140 (1024)	customer standard
610	Low alloy steel	8620 (1024)	customer standard
611	Low alloy steel	IC8620	ASTM A732/A732M-2005
612	Low alloy steel	SCM435	JIS G4105 (1979)
613	Low alloy steel	SCM440	JIS G4053 (2003)
614	Low alloy steel	SCM415	JIS G4053 (2003)
615	Low alloy steel	SCM445	JIS G4053 (2003)
616	Low alloy steel	SCM415 (WD)	customer standard
617	Low alloy steel	SCM440 (0746)	customer standard
618	Low alloy steel	SCM415 (0101)	customer standard
619	Low alloy steel	WCB (0308)	customer standard
620	Low alloy steel	10Q	ASTM A732/A732M-09
621	Low alloy steel	4145	ASTM A297/A297M-08
622	Low alloy steel	G86200 (0832)	customer standard
623	Low alloy steel	LCB (0736)	ASTMA352 2006
624	Low alloy steel	ASTM C1Q (1607)	customer standard
625	Low alloy steel	LCC (1741)	customer standard
626	Low alloy steel	8620 (1769)	customer standard
627	Low alloy steel	A105 (0736)	customer standard
628	Low alloy steel	LCB (0758)	customer standard
629	Low alloy steel	SKS3	JIS G4404 (2006)
630	Low alloy steel	8620 (1730D)	customer standard
631	Low alloy steel	LC2	ASTM A352/A352M-06
632	Low alloy steel	ASTM A148 GR130-115	ASTM A148-02
633	Low alloy steel	IC 1020	ASTM A732/A732M
634	Low alloy steel	ARNM2	customer standard
635	Low alloy steel	SCM440H	JIS G4052:2008
636	Low alloy steel	SCM21	JIS G4105
637	Low alloy steel	S45C (G4051)	customer standard
638	Low alloy steel	1.0619	DIN EN10213:2008
639	Low alloy steel	1.0619 (KTC)	customer standard
640	Low alloy steel	ST37-2 (0302)	customer standard
641	Low alloy steel	1.1131	DIN EN 10293 (2005)
642	Low alloy steel	1.057	DIN EN 10025-2:2005
643	Low alloy steel	C40 (CF)	customer standard
644	Low alloy steel	C20	customer standard
645	Low alloy steel	1.0503	DIN17200-1987
646	Low alloy steel	G42CrMo4 (0410)	customer standard
647	Low alloy steel	1.0619 (0302)	customer standard
648	Low alloy steel	CK45	DIN 17200-1987
649	Low alloy steel	1.0601	customer standard
650	Low alloy steel	1.0619 (0602)	customer standard

Item	Material classification	Material and variants	Applied standard
651	Low alloy steel	C45	DIN 17200-1987
652	Low alloy steel	1.2542	DIN EN ISO 4957-2001
653	Low alloy steel	1.7131 (16MnCr5)	DIN EN 10084 (1998)
654	Low alloy steel	1.8519	DIN EN 10085 (2001)
655	Low alloy steel	GS42CrMo4	DIN 17182-85
656	Low alloy steel	GS25CrMo4V (1.7218)	customer standard
657	Low alloy steel	1.6523 (21NiCrMo2)	DIN 17210-86
658	Low alloy steel	GS-20Mn5	DIN 17182-85
659	Low alloy steel	DIN1681 GS52	DIN 1681-1985
660	Low alloy steel	GS-42CrMoS4 (1.7227)	customer standard
661	Low alloy steel	50CrMo4	DIN EN 10083-3 (2006)
662	Low alloy steel	42CrMo4	BS EN 10083-3: 2006
663	Low alloy steel	GS60 (YX)	customer standard
664	Low alloy steel	50CrV4	DIN 17212-1972
665	Low alloy steel	GS42CrMo4 (2505)	customer standard
666	Low alloy steel	1.7231	DIN10293:2005
667	Low alloy steel	16MnCr5	DIN EN 10088 (1998)
668	Low alloy steel	34CrNiMo6	DIN EN10088-3 (2006)
669	Low alloy steel	1.7321	DIN10293:2005
670	Low alloy steel	1.2162	DIN EN ISO 4957-2001
671	Low alloy steel	20NiCrMo2-2	DIN 17210-86
672	Low alloy steel	G26CrMo4 (1.7221)	DIN EN10293 (2005)
673	Low alloy steel	1.7015 or 15Cr3	DIN EN 10084 (1998)
674	Low alloy steel	1.6760 (2513)	customer standard
675	Low alloy steel	1.6545 (3101)	customer standard
676	Low alloy steel	GS-34CrMo4	DIN 17182-1992
677	Low alloy steel	42CrMo4 (0764)	customer standard
678	Low alloy steel	GS-C25	DIN 17245
679	Low alloy steel	1.5752 (2525)	customer standard
680	Low alloy steel	1.7035 (2525)	customer standard
681	Low alloy steel	25CrMo4	EN10083-3:2006 (E)
682	Low alloy steel	G30CrMoV6-4	DIN EN10293:2005
683	Low alloy steel	1.2419	DIN 17350-80
684	Low alloy steel	1.6582	BS EN10083-3 (2006)
685	Low alloy steel	1.658	BS EN10083-3 (2006)
686	Low alloy steel	CLA1A	BS 3146 Part1 (1992)
687	Low alloy steel	CLA1C	BS 3146 Part1 (1992)
688	Low alloy steel	CLA3	British BS
689	Low alloy steel	CLA8	BS 3146 Part1 (1992)
690	Low alloy steel	CLA9	BS 3146 Part1 (1992)
691	Low alloy steel	CLA12B	BS 3146 Part1 (1992)
692	Low alloy steel	1.7132	DIN EN 10084 (1998)
693	Low alloy steel	CLA13	BS 3146 Part1 (1992)
694	Low alloy steel	AM1	BS3100-2:1991
695	Low alloy steel	CLA1B	BS 3146 Part1 (1992)
696	Low alloy steel	NCM5	customer standard
697	Low alloy steel	K245	customer standard
698	Low alloy steel	EN24 (H2B)	customer standard
699	Low alloy steel	CM-3	customer standard
700	Low alloy steel	EN24	BS 970 Part3 (1991)

Item	Material classification	Material and variants	Applied standard
701	Low alloy steel	CLA4 (3%Cr-Mo)	customer standard
702	Low alloy steel	18CrNiMo7-6 (0736)	customer standard
703	Low alloy steel	NCM3	customer standard
704	Low alloy steel	EN19	BS 970 Part 1 (1983)
705	Low alloy steel	CLA3 (1%Cr-Mo)	customer standard
706	Low alloy steel	EN10084-16MnCrS5	DIN EN10084-2008
707	Low alloy steel	CLA2	BS 3146 Part1 (1992)
708	Low alloy steel	CLA12C	BS 3146 Part1 (1992)
709	Low alloy steel	NCM-8 (WJ)	customer standard
710	Low alloy steel	CLA1A (FC)	customer standard
711	Low alloy steel	NCM-3P	customer standard
712	Low alloy steel	CLA4	customer standard
713	Low alloy steel	NCM-5P	customer standard
714	Low alloy steel	Silicon steel 3%	customer standard
715	Low alloy steel	GS17CrNi6-6 or 1.5918	EN 10084-2008
716	Low alloy steel	20#	GB/T699-1999
717	Low alloy steel	AISI 4140 (1024)	customer standard
718	Low alloy steel	G26CrMo4 (0410)	customer standard
719	Low alloy steel	EN36A	BS 970 Part1:1955
720	Low alloy steel	1.0619 (0302Cr)	customer standard
721	Low alloy steel	AS2074/C3	AS2074-2003
722	Low alloy steel	WS-833	customer standard
723	Low alloy steel	AS2074 L6B-2	AS2074-2003
724	Low alloy steel	1.6750 or G20NiMoCr4	customer standard
725	Low alloy steel	1.3505	DIN 17230 (1980)
726	Low alloy steel	G34CrMo4	DIN EN10293:2005
727	Low alloy steel	C40	DIN EN10083-2
728	Low alloy steel	1.2764	DIN EN ISO 4957-2001
729	Low alloy steel	1.0976	BS EN 10149-2:1996
730	Low alloy steel	GS200	EN 10340 2007 (E)
731	Low alloy steel	GE300	EN10293:2005
732	Low alloy steel	25CrMo4 (1509)	customer standard
733	Low alloy steel	G18NiMoCr3-6 (1.6759)	customer standard
734	Low alloy steel	20CrMnMo	GB/T 3077-1999
735	Low alloy steel	1.5815 (1758)	customer standard
736	Low alloy steel	G42CrMo4	EN10293-2005
737	Low alloy steel	S690Q (2513)	customer standard
738	Low alloy steel	1.5810 (1607)	customer standard
739	Low alloy steel	1.7225	EN10083-3:2006 (E)
740	Low alloy steel	1.0552	customer standard
741	Low alloy steel	C45 (2544)	customer standard
742	Low alloy steel	ZG35CrMo	JB/T6402-1992
743	Low alloy steel	42CrMo4 (2544)	customer standard
744	Low alloy steel	42CrMo4 (0410)	customer standard
745	Low alloy steel	34CrMo4	DIN EN 10132-3
746	Low alloy steel	90MnCrV8	DIN EN ISO 4957-2001
747	Low alloy steel	G18NiMoCr3-6 (2513)	customer standard
748	Low alloy steel	E295	UNI EN 10025-2-2005
749	Low alloy steel	34CrNiMo6 (0858)	ISO 683-2 (2016)
750	Low alloy steel	10# steel (0410)	customer standard

Item	Material classification	Material and variants	Applied standard
751	Low alloy steel	20CrNiMo	GB/T 3077-1999
752	Low alloy steel	38NiCrMo4	customer standard
753	Low alloy steel	39NiCrMo3	UNI 6403-1986
754	Low alloy steel	39NiCrMo3 (2105)	customer standard
755	Low alloy steel	18NiCrMo5	UNI7846
756	Low alloy steel	C30 (0760)	customer standard
757	Low alloy steel	14NiCr14 or 1.5752	DIN EN 10084
758	Low alloy steel	G20Mn5 or 1.6220	DIN EN 10293 (2005)
759	Low alloy steel	Q690E	GB/T 16270-2009
760	Low alloy steel	60Si2Cr	GB/T 1222-2007
761	Low alloy steel	LCB	ASTM A352/A352M-93
762	Low alloy steel	ASTM A487 GR.9D	ASTM A487/A487M-93
763	Low alloy steel	WC9	ASTM A217 A217M-02
764	Low alloy steel	HT-10P	customer standard
765	Low alloy steel	8620 (WF)	customer standard
766	Low alloy steel	8620 (0414)	customer standard
767	Low alloy steel	20Mn5M	RCC-M M1112
768	Low alloy steel	ZG230-450	GB11352-2009
769	Low alloy steel	16Mn	GB/T1591-1994
770	Low alloy steel	HT-9P	customer standard
771	Low alloy steel	AS2074 L1A	AS2074-2003
772	Low alloy steel	AS2074 L1B	AS2074-2003
773	Low-carbon steel	1020 (AISI)	customer standard
774	Low-carbon steel	A2	BS 3100-1991
775	Low-carbon steel	AISI1015	SAE J403 (2001)
776	Low-carbon steel	AISI 1018	SAE J403 (2001)
777	Low-carbon steel	1008	SAE J403 (2001)
778	Low-carbon steel	1117	SAE J403 (2001)
779	Low-carbon steel	SAE 1020	SAE J403 (2001)
780	Low-carbon steel	SC410	JIS G5101 (2007)
781	Low-carbon steel	SS400	JIS G3101 (2004)
782	Low-carbon steel	1.0554-EL (1.0554)	customer standard
783	Low-carbon steel	1.0037	DIN EN 10025 (1994)
784	Low-carbon steel	1.0122	customer standard
785	Low-carbon steel	1.0446 (2510)	customer standard
786	Low-carbon steel	1.0446	DIN EN10293-2005
787	Low-carbon steel	1.0577	DIN EN 10025-2:2005
788	Low-carbon steel	GS-45	DIN 1681-1985
789	Low-carbon steel	GS38	customer standard
790	Low-carbon steel	ST37-2	DIN17100-80
791	Low-carbon steel	C15	UNI 5949
792	Low-carbon steel	EN32B	customer standard
793	Low-carbon steel	EN1A	customer standard
794	Low-carbon steel	EN32	BS 970 Part 1 (1983)
795	Low-carbon steel	EN14	customer standard
796	Low-carbon steel	1.1141	DIN EN 10084 (1998)
797	Low-carbon steel	G24Mn6 or 1.1118	DIN EN10293: 2005
798	Low-carbon steel	GS240 (1.0455)	DIN EN 10293
799	Low-carbon steel	EN1B	BS970:1955
800	Low-carbon steel	ST52 (1.0580)	DIN 2391

Item	Material classification	Material and variants	Applied standard
801	Low-carbon steel	AS2074 C4	AS2074-2003
802	Low-carbon steel	ASTM A105	ASTM A105/A105M-10
803	Low-carbon steel	Fe360B	customer standard
804	Low-carbon steel	620-415	ASTM A148M-93b
805	Medium-carbon steel	1040	customer standard
806	Medium-carbon steel	SAE1045	customer standard
807	Medium-carbon steel	AISI1045	SAE J403 (2001)
808	Medium-carbon steel	1050	SAE J403 (2001)
809	Medium-carbon steel	SAE1045 (1705)	customer standard
810	Medium-carbon steel	ASTM 1030	ASTM A29/29M (1999)
811	Medium-carbon steel	Grade60-30 (1713)	customer standard
812	Medium-carbon steel	SC450 (KH)	customer standard
813	Medium-carbon steel	IC1018	ASTM A732/A732M-2005
814	Medium-carbon steel	SAE 090 (1904)	customer standard
815	Medium-carbon steel	1.1191	EN10083-2 (2006)
816	Medium-carbon steel	1.0558	DIN EN10293-2005
817	Medium-carbon steel	GS60	DIN 1681-1985
818	Medium-carbon steel	GS 52	DIN 1681-1985
819	Medium-carbon steel	C45R	EN10083-2:2006
820	Medium-carbon steel	EN8	customer standard
821	Medium-carbon steel	EN9	customer standard
822	Medium-carbon steel	ETG100 (3101)	customer standard
823	Medium-carbon steel	A65M3 (3101)	customer standard
824	Medium-carbon steel	C60 or 1.0601	DIN17200-1987
825	Medium-carbon steel	ZG40Mn	JB/T6402-1992
826	Medium alloy steel	H13	customer standard
827	Medium alloy steel	ASTM A2	ASTM A681-08
828	Medium alloy steel	QCM8	customer standard
829	Medium alloy steel	1.2344	DIN EN ISO 4957-2001
830	Medium alloy steel	GS-X19NiCrMo4	customer standard
831	Medium alloy steel	GS-15CrNi6	customer standard
832	Medium alloy steel	X10CrMoV5-1	customer standard
833	Medium alloy steel	1.6511	BS EN 10083-1:2006
834	Medium alloy steel	G17NiCrMo13-6	DIN10293:2005
835	Medium alloy steel	PD100A	customer standard
836	Medium alloy steel	CLA11	BS 3146 Part1 (1992)
837	Medium alloy steel	NCM-3P (1607)	customer standard
838	Medium alloy steel	GGGSiMo5.1	customer standard
839	Medium alloy steel	CLA5B or CLA5A	customer standard
840	Medium alloy steel	GX37CrMoV5-1	DIN EN ISO 4957-2001
841	Medium alloy steel	1.2767	EN ISO4957:1999
842	High alloy steel	K91890	customer standard
843	High-carbon steel	BW10	BS3100-2:1991
844	High-carbon steel	BW10 (IVC)	customer standard
845	Tool steel	Cr12MoV (T21201)	customer standard
846	Tool steel	C640001	customer standard
847	Tool steel	W360T44	customer standard
848	Tool steel	C12A	customer standard
849	Tool steel	SKH51/SKH9	JIS G4403 (2006)
850	Tool steel	W320T12	customer standard

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851	Tool steel	SKD11	JIS G4404-2000
852	Tool steel	1.4535	DIN EN10088-1 (2005)
853	Tool steel	1.4125	DIN EN 10088-1 (2005)
854	Tool steel	1.4112	DIN EN 10088-1 (2005)
855	Tool steel	1.3343	DIN EN 4957 (2001)
856	Tool steel	B01	BS 4659:1989
857	Tool steel	SCMn3	JIS G5111-1991
858	Tool steel	34CrMo4 (1017)	customer standard
859	Tool steel	1.4535 (3204)	customer standard
860	Nickle-based alloy	GH648	GB/T14992-2005
861	Nickle-based alloy	Hasteloy B2 (0410)	customer standard
862	Nickle-based alloy	Inconel 713C (1742)	customer standard
863	Nickle-based alloy	Hastelloy B (0804)	customer standard
864	Nickle-based alloy	50Cr-50Ni (0410)	customer standard
865	Nickle-based alloy	NO6600	customer standard
866	Nickle-based alloy	Hastelloy-X	customer standard
867	Nickle-based alloy	INCONEL-600	ASTM B637-2012
868	Nickle-based alloy	MORE-2	customer standard
869	Nickle-based alloy	NA-22H	customer standard
870	Nickle-based alloy	NW-22	customer standard
871	Nickle-based alloy	INCONEL-JX	ASTM B637-2012
872	Nickle-based alloy	Hastelloy-C	customer standard
873	Nickle-based alloy	SUPPER22H	customer standard
874	Nickle-based alloy	CW-12MW	ASTM A494/A494M-94
875	Nickle-based alloy	CX-2MW	ASTM A494/A494M-94
876	Nickle-based alloy	CX2MW (310)	ASTM A494/A494M-09
877	Nickle-based alloy	INC0625	ASTM B637-2012
878	Nickle-based alloy	CX2MW	ASTM A494-09
879	Nickle-based alloy	CX2MW (AD2000)	customer standard
880	Nickle-based alloy	M30H	ASTM A494/A494M 2015
881	Nickle-based alloy	Monel 400	ASTM B127-2005
882	Nickle-based alloy	M35-1	ASTM A494/A494M-07
883	Nickle-based alloy	INCONEL 600 (0302)	customer standard
884	Nickle-based alloy	CX2M	ASTM A494/A494M-2009
885	Nickle-based alloy	CW6MC (or N26625)	ASTM A494/A494M-05
886	Nickle-based alloy	CW12MW (0101)	customer standard
887	Nickle-based alloy	Inconel 625 (0825)	customer standard
888	Nickle-based alloy	2.4879	DIN EN 10295 (2002)
889	Nickle-based alloy	333 (1711)	customer standard
890	Nickle-based alloy	ANC 19	BS_3146-2-1992
891	Nickle-based alloy	ANC16	BS_3146-2-1992
892	Nickle-based alloy	2.4605	DIN 17744-2002
893	Nickle-based alloy	1J85	customer standard
894	Nickle-based alloy	K3625	customer standard
895	Nickle-based alloy	GH536	GH 5497-92
896	Nickle-based alloy	CW-2M	ASTM A494/A494M-94
897	Nickle-based alloy	HX	ASTM A297/A297M-97
898	Nickle-based alloy	M30C	ASTM A494/A494M-09
899	Nickle-based alloy	M-35-1 (Monel)	customer standard
900	Nickle-based alloy	INCONEL 600 (0746)	customer standard

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901	Nickle-based alloy	CW-12MW (0746)	customer standard
902	Nickle-based alloy	CW6M	ASTM A494/A494M-05
903	Nickle-based alloy	K4169	HB7763-2005
904	Cobalt-based alloy	UMCo50	customer standard
905	Cobalt-based alloy	Cobalt (0782)	customer standard
906	Cobalt-based alloy	Stellite12 (1742)	customer standard
907	Cobalt-based alloy	Stellite 6 (2510-1)	customer standard
908	Cobalt-based alloy	Stellite 6 (2510-2)	customer standard
909	Cobalt-based alloy	Stellite 6 (1033)	customer standard
910	Cobalt-based alloy	E-73	customer standard
911	Cobalt-based alloy	T400	customer standard
912	Cobalt-based alloy	CoCrMo	customer standard
913	Cobalt-based alloy	Stellite6 (1609)	customer standard
914	Cobalt-based alloy	Co193	customer standard
915	Cobalt-based alloy	Stellite6	customer standard
916	Al-Si Alloy	A360.0	ASTM B85-03
917	Al-Si Alloy	A356 (0409)	customer standard
918	Al-Si Alloy	LM25	BS 1490-1970
919	Al-Si Alloy	ASTM 356	customer standard
920	Al-Si Alloy	ZL101 or ZAISI7Mg	GB/T 1173-1995
921	Al-Si Alloy	ZL101A	GB/T 1173-1995
922	Al-Si Alloy	ZL102	GB/T 1173-1995
923	Al-Si Alloy	ZL104	GB/T 1173-1995
924	Al-Si Alloy	A356	ASTM B 26 / B 26M-03
925	Al-Si Alloy	A380	customer standard
926	Al-Si Alloy	AA601	AS 1874-2000
927	Al-Si Alloy	GF-AISI7Mg wa	DIN EN 1706-1998
928	Al-Si Alloy	AlSi7Mg0.6	DIN_EN 1706-1998
929	Al-Si Alloy	ZAISI7MgY	CB-1249-94
930	Al-Si Alloy	EN AC-42000	BS EN 1706:1998
931	Al-Si Alloy	ZL205A	QJ1700A-2004
932	Al-Si Alloy	AlMgSi1	customer standard
933	Al-Si Alloy	6061	GB/T 3880-2006
934	Al-Si Alloy	7075	GB/T 3190-1996
935	Al-Si Alloy	ZL201A	GB/T 1173-1995
936	Al-Si Alloy	A356 (B618)	ASTM B618-06
937	Al-Si Alloy	AS2GT	customer standard
938	Al-Si Alloy	ASTM B618 356	ASTM B618-06
939	Al-Si Alloy	AlMg3	DIN EN 1706-2013
940	Al-Si Alloy	LM4	BS 1490:1988
941	Cast copper alloy	ZCuAl10Fe3	GB1176-2013
942	Cast copper alloy	CuAl10Fe5Ni5	BS EN 1982:2008
943	Cast copper alloy	CuAl10Fe5Ni5 (1607)	customer standard
944	Cast copper alloy	CuAl10Fe5Ni5 (0835)	customer standard
945	Cast copper alloy	CuAl11Fe6Ni6 (0835)	customer standard
946	Cast copper alloy	C95400	ASTM B148-97
947	Cast copper alloy	ZCuAl9Fe4Ni4Mn2	GB/T 1176-2013
948	Cast copper alloy	CuZn37Pb	customer standard
949	Cast copper alloy	LG4	customer standard
950	Silicon brass	ZCuZn16Si4	GB/T 1176-1987

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951	Silicon brass	C87800	ASTMB30-92
952	Silicon brass	C87600	ASTM-B584-2000
953	Silicon brass	C87400	ASTM-B584-2000
954	Silicon brass	C87500 (CDA875)	customer standard
955	Silicon brass	MB1	customer standard
956	Aluminum bronze	ASTM B763 Grade D	ASTM E54 AND E478
957	Aluminum bronze	GB-CuAl19Ni	DIN 17656-1973
958	Manganese Brass	HTB1 or CuZn35AlFeMn	BS1400-1985
959	Manganese Brass	ZHMn57-3-1	GB/T 5231-2001
960	Manganese Brass	C86500	ASTM-B584-2000
961	Lead brass	CuZn40Pb2	DIN EN 12164-2000
962	Tin brass	HSn62-1	GB/T5231-2001
963	Tin brass	CZ111	BS2871-3 1972
964	Tin bronze	LG2 or CuSn5Pb5Zn5	BS EN 1982:2008
965	Tin bronze	ZCuSn10P1 or Cu-PHOSPH	GB/T1176-2013
966	Tin bronze	CuSn5ZnPb	customer standard
967	Tin bronze	CuSn5Zn5Pb5-C	BS1400-1985
968	Tin bronze	BC6 or C83600	JIS H5111-1988
969	Tin bronze	PB1 (CuSn10P)	BS1400-1985
970	Tin bronze	C94800 (1607)	customer standard
971	Tin bronze	G-CuSn12	DIN1705-1981
972	Tin bronze	CuSn5Zn5Pb5-C (0414)	customer standard
973	High manganese steel	SCMnH2	JIS G5131-1991
974	High manganese steel	BW10 (0409)	customer standard
975	Cast iron	ASTM D3	ASTM A681-08
976	Cast iron	A436-1 (0410)	customer standard
977	Cast iron	CH-SM	customer standard
978	Cast iron	X210Cr13	customer standard
979	Cast iron	Hear-resistant Cast iron	customer standard
980	Cast iron	KMTBCr26	GB/T 8263-1999
981	Cast iron	AR124	customer standard