

No.	IASCO sym.	DIN (~...) sym.	Steel group	werk stuff. No.	%C	%Si	%Mn	%P Max	%S Max	%Cr	%Mo	%Ni	%V	%Cu Max	%Al	%Ti	Others
1	0038I	-	Construction steel	-	Max 0.17	Max 0.55	Max 0.75	0.045	0.045	-	-	-	-	-	-	-	-
2	0050I	-	Case hardening steel	-	Max 0.25	0.17-0.37	0.80-1.10	0.045	0.050	-	-	Max 0.30	-	0.30	-	-	-
3	0060A	Grade 60	Construction steel	-	0.35-0.42	0.30-0.60	0.90-1.20	0.060	0.045	-	-	-	-	-	-	-	-
4	0060I	-	Construction steel	-	Max 0.37	Max 0.60	Max 1.60	0.045	0.045	-	-	-	-	-	-	-	-
5	0060T	-	Construction steel	-	0.26-0.35	Max 0.50	0.50-0.80	0.045	0.045	-	-	-	-	-	-	-	-
6	0070I	-	Construction steel	-	0.32-0.40	0.50-0.90	1.20-1.80	0.045	0.045	-	-	-	-	-	-	-	-
7	0214I	QSt36-3	Cold extrusion steel	-	0.10-0.13	0.03-0.09	0.21-0.40	0.020	0.010-0.030	Max 0.05	Max 0.05	Max 0.05	-	0.05	0.020-0.060	-	N <= 0.007
8	0323I	USD7	Welding steel	-	0.05-0.09	Max 0.03	0.40-0.60	0.025	0.025	Max 0.15	-	Max 0.15	-	0.15	Max 0.003	Max 0.003	-
9	0335D	-	Cold extrusion steel	1.0335	Max 0.08	Max 0.10	Max 0.40	0.030	0.010-0.030	Max 0.10	Max 0.05	Max 0.1	-	0.15	0.020-0.060	-	-
10	0402I	C22	Heat treatment steel	-	0.20-0.25	0.05-0.35	0.40-0.90	0.060	0.060	0.20-0.30	Max 0.10	Max 0.15	-	0.20	-	-	-
11	0416D	-	Case hardening steel	-	0.15-0.20	Max 0.30	0.30-0.60	0.035	0.035	Max 0.20	Max 0.05	Max 0.25	-	0.30	Max 0.010	-	-
12	0432A*	A105	Heat treatment steel	1.0432	Max 0.35	0.10-0.35	0.60-1.05	0.035	0.040	Max 0.30	Max 0.12	Max 0.40	Max 0.08	0.4	-	-	Cu+Ni+Cr+Mo+V≤1.00 & Cr+Mo≤0.32
13	0432D	C21	Heat treatment steel	1.0432	0.18-0.23	0.15-0.35	0.60-1.05	0.040	0.050	-	-	-	-	-	-	-	-
14	0511B	~En8C&~080M40	Heat treatment steel	-	0.38-0.43	0.05-0.35	0.70-0.90	0.050	0.025-0.040	Max 0.40	Max0.10	Max0.40	-	-	-	-	-
15	0528T	-	Construction steel	-	0.25-0.32	Max 0.50	0.60-0.80	0.045	0.045	-	-	-	-	-	-	-	-
16	0533D	-	Construction steel	1.0533	0.25-0.35	0.15-0.30	0.50-0.80	0.045	0.045	-	-	-	-	-	-	-	N<=0.012 & Ceq<=0.48
17	0533I	-	Construction steel	-	Max 0.32	Max 0.60	Max 1.30	0.045	0.045	-	-	-	-	-	-	-	Ceq<=0.50
18	0535D	C55	Heat treatment steel	1.0535	0.52-0.60	Max 0.40	0.60-0.90	0.045	0.045	Max 0.40	Max 0.10	Max 0.40	-	-	-	-	Cr+Mo+Ni <= 0.63
19	0540D	C50	Heat treatment steel	1.054	0.47-0.55	Max 0.40	0.60-0.90	0.045	0.045	-	-	-	-	-	-	-	-
20	0543I	-	Heat treatment steel	-	0.35-0.45	0.15-0.30	0.50-0.80	0.045	0.045	-	-	-	-	-	-	-	N<=0.012
21	0570D	S355J2G3	Case hardening steel	1.057	Max 0.20	Max 0.55	Max 1.60	0.035	0.035	-	-	-	-	-	-	-	-
22	0715D	9SMn28	Free cutting steel	1.0715	Max 0.14	Max 0.05	0.90-1.30	0.100	0.270-0.330	-	-	-	-	-	-	-	-
23	0718D*	11SMnPb30	Free cutting steel	1.0718	Max 0.14	Max 0.05	0.90-1.30	0.11	0.270-0.330	-	-	-	-	-	-	-	Pb:0.20-0.035
24	0721D	10S20	Free cutting steel	1.0721	0.07-0.13	Max 0.40	0.70-1.10	0.06	0.150-0.250	-	-	-	-	-	-	-	-
25	0723B	En32M	Free cutting steel	-	0.12-0.18	0.10-0.40	1.10-1.40	0.050	0.100-0.180	-	-	-	-	-	-	-	-
26	0726D	35S20	Free cutting steel	1.0726	0.32-0.39	0.10-0.30	0.70-1.10	0.060	0.180-0.250	-	-	-	-	-	-	-	-
27	0727F	45MF6	Free cutting steel	-	0.41-0.48	0.10-0.40	1.30-1.70	0.040	0.240-0.320	-	-	-	-	-	-	-	-
28	0727S	45S20	Free cutting steel	1.0727	0.42-0.50	0.1-0.3	0.70-1.10	0.06	0.18-0.25	-	-	-	-	-	-	-	-
29	0736D	9SMn36	Free cutting steel	1.0736	Max 0.15	Max 0.05	1.10-1.50	0.100	0.340-0.400	-	-	-	-	-	-	-	-
30	0736S	9 SMn36	Free cutting steel	1.0736	0.060.10	Max. 0.02	1.20-1.40	0.07-0.09	0.32-0.37	Max. 0.10	-	Max. 0.10	-	0.15	-	-	-
31	0737S	9SMnPb36	Free cutting steel	1.0737	0.06-0.10	Max. 0.02	1.20-1.40	0.07-0.09	0.32-0.37	Max. 0.10	-	Max. 0.10	-	0.15	-	-	Pb: 0.15-0.30

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32	0913S	50Mn7	spring steel	1.0913	0.45-0.55	0.2-0.40	1.60-2.00	0.035	0.03-0.045	-	-	-	-	0.35	-	-	-
33	1121D	CK10&C10E	Case hardening steel	1.1121	0.07-0.13	Max 0.40	0.30-0.60	0.035	0.035	-	-	-	-	-	-	-	-
34	1128P	45M5	Free cutting steel	1.1128	0.42-0.50	Max0.40	1.10-1.40	0.035	0.025-0.045	Max0.30	Max0.10	Max0.30	-	0.40	0.015-0.040	Max 0.010	-
35	1141D	CK15& C15E	Case hardening steel	1.1141	0.12-0.18	Max 0.40	0.30-0.60	0.035	0.035	-	-	-	-	-	-	-	-
36	1141S	CK15	Case hardening steel	1.1141	0.12-0.18	0.15-0.35	0.30-0.50	0.035	0.035	-	-	-	-	0.35	-	-	-
37	1148B	C16E	Case hardening steel	-	0.12-0.18	0.10-0.40	0.60-1.00	0.050	0.025-0.050	Max 0.30	Max 0.15	Max 0.40	-	-	-	-	-
38	1149B	En3A	Case hardening steel	-	0.16-0.24	0.10-0.40	0.50-0.90	0.050	0.025-0.050	Max 0.30	Max 0.15	Max 0.40	-	0.25	-	-	-
39	1149D	Cm 22& En 3A	Case hardening steel	1.1149	0.17-0.24	Max 0.40	0.30-0.60	0.035	0.020-0.035	-	-	-	-	-	-	-	-
40	1149P	AF43	Case hardening steel	-	0.15-0.25	0.10-0.40	0.40-0.70	0.040	0.020-0.040	-	-	-	-	0.35	0.015-0.040	Max 0.010	-
41	1151D	C22E	Heat treatment steel	1.1151	0.17-0.24	Max 0.40	0.40-0.70	0.035	0.035	Max 0.40	Max 0.10	Max 0.40	-	-	Max 0.050	-	Cr+Mo+Ni <= 0.63
42	1152D	Cq22	Case hardening steel	1.1152	0.18-0.24	Max 0.40	0.30-0.60	0.035	0.035	-	-	-	-	-	-	-	-
43	1157I	~45M5 BT UA2	Heat treatment steel	-	0.41-0.45	0.10-0.40	0.95-1.30	0.025	0.060-0.090	Max 0.25	Max 0.05	Max 0.25	-	0.40	0.015-0.040	Max 0.010	1.5<=Mneq<=1.63
44	1165S	30Mn5	Heat treatment steel	1.1165	0.27-0.34	0.20-0.35	1.20-1.50	0.025	0.025	-	-	-	-	0.35	-	-	Cr+Mo+Ni<0.63
45	1167B	En15	Heat treatment steel	-	0.30-0.40	0.10-0.35	1.30-1.70	0.050	0.030-0.050	-	-	-	-	-	-	-	-
46	1167D	36Mn5	Heat treatment steel	1.1167	0.32-0.40	0.15-0.35	1.20-1.50	0.035	0.035	-	-	-	-	-	-	-	-
47	1167I	-	Heat treatment steel	-	0.28-0.39	Max 0.60	0.70-1.60	0.045	0.045	-	-	-	-	-	-	-	-
48	1169P	20M5	Heat treatment steel	-	0.17-0.23	0.10-0.40	1.10-1.40	0.035	0.020-0.040	0.15-0.30	Max 0.10	Max 0.30	-	0.40	0.015-0.040	Max 0.010	-
49	1170D	28Mn6	Heat treatment steel	1.1170	0.25-0.32	Max 0.40	1.30-1.65	0.035	0.030	Max 0.40	Max 0.10	Max 0.40	-	-	-	-	Cr+Mo+Ni <= 0.63
50	1175P	41Mn4	Heat treatment steel	1.1175	0.40-0.46	0.10-0.40	0.50-1.00	0.025	0.015	-	-	-	-	0.40	0.008-0.030	Max 0.010	1.15<=Mneq<=1.25
51	1176A	AISI 1038	Heat treatment steel	1.1176	0.35-0.42	0.10-0.30	0.60-0.90	0.030	0.050	-	-	-	-	-	-	-	-
52	1178B	C30E&CK30	Heat treatment steel	1.1178	0.26-0.34	0.10-0.40	0.60-1.00	0.050	0.025-0.050	Max 0.30	Max 0.15	Max 0.40	-	-	-	-	-
53	1178D	C30E&CK30	Heat treatment steel	1.1178	0.27-0.34	Max 0.40	0.50-0.80	0.035	0.035	Max0.40	Max 0.10	Max 0.40	-	-	-	-	Cr+Mo+Ni <= 0.63
54	1180B	En5C,080A32	Heat treatment steel	-	0.30 - 0.35	0.10-0.40	0.70-0.90	0.050	0.025-0.050	Max 0.30	Max 0.15	Max 0.40	-	-	-	-	-
55	1180P	AF56	Free cutting steel	-	0.30-0.40	0.10-0.40	0.50-0.80	0.040	0.020-0.040	-	-	-	-	0.40	0.015-0.040	Max 0.010	-
56	1181S	CK 35	Heat treatment steel	1.1181	0.32-0.39	0.15-0.35	0.50-0.80	0.030	0.030	Max 0.40	Max 0.100	Max 0.40	-	0.35	-	-	Cr+Mo+Ni<0.63
57	1186B	En8&080M40	Heat treatment steel	-	0.36-0.44	0.10-0.40	0.60-1.00	0.050	0.025-0.050	-	-	-	-	-	-	-	-
58	1186D	C40E	Heat treatment steel	1.1186	0.37-0.44	Max 0.40	0.50-0.80	0.035	0.035	Max 0.40	Max 0.10	Max 0.40	-	-	-	-	Cr+Mo+Ni <= 0.63
59	1186P	XC38	Heat treatment steel	-	0.34-0.42	0.10-0.40	0.50-0.80	0.030	0.020-0.040	Max 0.40	Max 0.10	Max 0.40	-	0.40	0.015-0.040	Max 0.010	B <= 0.0005
60	1191D	2C45	Heat treatment steel	1.1191	0.42-0.50	Max 0.40	0.50-0.80	0.035	0.035	Max 0.40	Max 0.10	Max 0.40	-	-	-	-	Cr+Mo+Ni <= 0.63
61	1191P	XC48	Heat treatment steel	-	0.44-0.51	0.10-0.40	0.50-0.80	0.035	0.040	-	-	-	-	0.30	0.020-0.050	Max 0.010	-
62	1191S	CK45	Heat treatment steel	1.1191	0.42-0.48	0.15-0.35	0.50-0.80	0.035	0.030	Max 0.40	Max 0.100	Max 0.40	-	0.35	-	-	-

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63	1201B	En43B	Heat treatment steel	-	0.45-0.50	0.10-0.40	0.70-0.90	0.050	0.025-0.050	Max 0.30	Max 0.15	Max 0.40	-	0.25	-	-	-
64	1201D	C45R& En43B	Heat treatment steel	1.1201	0.42-0.50	Max 0.40	0.50-0.80	0.035	0.020-0.040	Max0.40	Max0.10	Max0.40	-	-	-	-	Cr+Mo+Ni <= 0.63
65	1201I	-	Heat treatment steel	1.1201	0.40-0.46	0.15-0.35	0.60-0.80	0.040	0.030-0.050	0.15-0.25	Max 0.03	Max 0.10	-	0.25	Max 0.050	-	N<=0.014
66	1203D	C55E	Heat treatment steel	1.1203	0.52-0.60	Max 0.40	0.60-0.90	0.035	0.035	Max 0.40	Max 0.10	Max 0.40	-	-	-	-	Cr+Mo+Ni < =0.63
67	1205B	080A52	Heat treatment steel	-	0.50-0.55	0.10-0.40	0.70-0.90	0.050	0.025-0.050	-	-	-	-	-	-	-	-
68	1206D	C50E	Heat treatment steel	1.1206	0.47-0.55	Max 0.40	0.60-0.90	0.035	0.035	Max 0.40	Max 0.10	Max 0.40	-	-	-	-	Cr+Mo+Ni < =0.63
69	1209P	AF70	Heat treatment steel	-	0.50-0.58	0.10-0.40	0.50-0.80	0.040	0.020-0.040	Max 0.30	Max 0.10	Max 0.30	-	0.40	0.015-0.040	Max 0.010	-
70	1213S	CF53	Heat treatment steel	1.1213	0.50-0.55	0.20-0.30	0.50-0.70	0.025	0.025	-	-	-	-	0.35	-	-	-
71	1221S	CK 60	Heat treatment steel	1.1221	0.57-0.65	0.15-0.35	0.60-0.90	0.035	0.035	-	-	-	-	0.35	-	-	-
72	1249I	C70S6+V	Micro alloy steel	1.1249	0.67-0.73	0.15-0.25	0.53-0.60	0.045	0.055-0.075	0.10-0.15	Max 0.03	0.04-0.08	0.03-0.04	-	Max 0.01	-	0.010<=N<= 0.017
73	1249P*	C70	Micro alloy steel	1.1249	0.67-0.73	0.15-0.40	0.52-0.72	0.045	0.060-0.080	Max 0.20	Max 0.050	Max 0.20	-	0.40	Max 0.01	-	2.90≤Mneq+3.33%C≤3.35
74	1260D	66Mn4	Heat treatment steel	1.1260	0.60-0.71	0.15-0.30	0.85-1.15	0.035	0.035	-	-	-	-	-	-	-	-
75	1274S	~CK101	Cold work tool steel	~1.1274	0.9-1.05	0.15-0.30	0.30-0.50	0.035	0.035	-	-	-	-	0.35	-	-	-
76	1302P	30MSV6	Micro alloy steel	-	0.30-0.33	0.50-0.70	1.40-1.60	0.025	0.065-0.090	Max 0.25	Max 0.06	Max 0.17	0.08-0.14	0.40	Max 0.040	0.015-0.025	1.88<=Mneq<=1.98 , N>=0.012
77	1525S	C80W1	Cold work tool steel	1.1525	0.75-0.85	0.15-0.25	0.15-0.25	0.02	0.02	-	-	-	-	0.25	-	-	-
78	1545S	C105W1	Cold work tool steel	1.1545	1.00-1.10	0.15-0.25	0.15-0.20	0.02	0.02	-	-	-	-	0.25	-	-	-
79	1730S	C45W	Cold work tool steel	1.1730	0.45-0.50	0.15-0.40	0.60-0.80	0.035	0.035	-	-	Max 0.40	-	0.25	-	-	-
80	1740S	C60W	Cold work tool steel	1.1740	0.56-0.64	0.15-0.40	0.60-0.80	0.035	0.035	-	-	Max 0.40	-	0.25	-	-	-
81	1744D	C67W	Cold work tool steel	1.1744	0.64-0.72	0.15-0.40	0.60-0.80	0.035	0.035	-	-	-	-	-	-	-	-
82	1830S	C85W	Cold work tool steel	1.1830	0.82-0.90	0.25-0.35	0.55-0.70	0.025	0.02	-	-	-	-	0.35	-	-	-
83	2007D	70Cr2	Bearing steel	1.2007	0.65-0.70	0.20-0.30	0.75-0.90	0.030	0.030	0.55-0.70	-	-	-	-	-	-	-
84	2063S	145Cr6	Cold work tool steel	1.2063	1.40-1.50	0.15-0.30	0.50-0.70	0.025	0.025	1.30-1.50	-	-	0.08-0.15	0.3	-	-	-
85	2067S	102Cr6	Cold work tool steel	1.2067	0.95-1.05	0.20-0.35	0.25-0.40	0.025	0.025	1.40-1.60	-	-	-	0.3	-	-	-
86	2080S	X210Cr12	Cold work tool steel	1.2080	1.90-2.10	0.10-0.40	0.15-0.45	0.03	0.03	11.0-12.0	-	-	-	0.3	-	-	-
87	2086S	X290Cr12	Cold work tool steel	1.2086	2.80-3.00	0.15-0.25	0.20-0.40	0.02	0.02	11.0-12.50	-	-	-	0.3	-	-	-
88	2101S	62SiMnCr4	Cold work tool steel	1.2101	0.60-0.66	0.90-1.20	0.90-1.20	0.025	0.025	0.50-0.70	-	-	-	0.3	-	-	-
89	2103D	58SiCr8	Cold work tool steel	-	0.55-0.63	1.70-2.00	0.60-0.90	0.035	0.035	0.35-0.45	-	-	-	-	-	-	-
90	2108S	90CrSi5	Cold work tool steel	1.2108	0.88-0.95	1.05-1.25	0.60-0.80	0.02	0.02	1.10-1.30	-	-	-	0.3	-	-	-
91	2162S	21MnCr5	Mould plastic steel	1.2162	0.18-0.22	0.20-0.35	1.10-1.30	0.025	0.03	1.0-1.20	-	-	-	0.3	-	-	-
92	2208D	31CrV3	Cold work tool steel	1.2208	0.28-0.35	0.25-0.40	0.40-0.60	0.030	0.030	0.40-0.70	-	-	0.07-0.12	-	-	-	-
93	2210S	115CrV3	Cold work tool steel	1.221	1.10-1.25	0.15-030	0.20-0.40	0.03	0.025	0.60-0.80	-	-	0.07-0.12	0.3	-	-	-

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94	2235S	80CrV2	Saw steel	1.2235	0.75-0.85	0.25-0.40	0.30-0.50	0.025	0.025	0.45-0.60	-	-	0.15-0.25	0.15	-	-	-
95	2243D	61CrSiV5	Cold work tool steel	1.2243	0.57-0.65	0.70-1.00	0.60-0.90	0.035	0.035	1.00-1.30	-	-	0.07-0.12	-	-	-	-
96	2312D	40CrMnMoS8-6	Cold work tool steel	1.2312	0.35-0.45	0.30-0.50	1.40-1.60	0.030	0.050-0.100	1.80-2.00	0.15-0.25	-	-	-	-	-	-
97	2312S	40CrMnMoS8-6	Mould plastic steel	1.2312	0.37-0.43	0.30-0.50	1.40-1.60	0.03	0.05-0.1	1.80-2.0	0.15-0.25	Max 0.40	-	0.3	0.04	-	-
98	2323S	48CrMoV67	Hot work tool steel	1.2323	0.40-0.50	0.20-0.35	0.60-0.80	0.025	0.025	1.30-1.50	0.65-0.80	-	0.25-0.35	0.3	-	-	-
99	2327S	86CrMoV7	Cold work tool steel	1.2327	0.84-0.90	0.20-0.35	0.30-0.45	0.01	0.01	1.70-1.90	0.20-0.35	Max 0.20	0.10-0.15	0.25	0.02	-	-
100	2344D	X40CrMoV5-1	Hot work tool steel	1.2344	0.37-0.43	0.90-1.20	0.30-0.50	0.030	0.030	4.80-5.50	1.20-1.50	-	0.90-1.10	-	-	-	-
101	2344S	X40CrMoV5-1	Hot work tool steel	1.2344	0.37-0.41	0.90-1.20	0.30-0.50	0.025	0.005	5.0-5.30	1.25-1.50	-	0.90-1.00	0.35	0.1	-	W=Max 0.30
102	2363S	X100CrMoV5-1	Cold work tool steel	1.2363	0.95-1.05	0.20-0.40	0.40-0.70	0.03	0.015	4.80-5.50	0.90-1.20	Max 0.30	0.15-0.30	0.3	0.045	-	W=Max 0.15
103	2365S	X32CrMoV3-3	Hot work tool steel	1.2365	0.28-0.33	0.20-0.35	0.25-0.40	0.025	0.005	2.70-3.00	2.70-2.90	Max 0.40	0.45-0.55	0.3	-	-	-
104	2379S	X155CrVMo12-1	Cold work tool steel	1.2379	1.50-1.60	0.10-0.40	0.20-0.45	0.03	0.015	11.5-12.0	0.70-0.90	Max 0.30	0.80-1.10	0.3	0.045	-	-
105	2419S	105WCr6	Cold work tool steel	1.2419	1.00-1.10	0.15-0.30	0.85-1.00	0.025	0.025	0.90-1.10	-	-	-	0.3	-	-	W=1.00-1.20
106	2436D	X210CrW12	Cold work tool steel	1.2436	2.00-2.25	0.10-0.40	0.15-0.45	0.030	0.030	11.0-12.0	-	-	-	-	-	-	W=0.60-0.80
107	2436S	X210CrW12	Cold work tool steel	1.2436	2.00-2.10	0.10-0.25	0.15-0.30	0.03	0.025	11.0-12.0	-	-	-	0.3	-	-	W=0.60-0.80
108	2510S	100MnCrW4	Cold work tool steel	1.2510	0.90-1.00	0.15-0.35	1.00-1.20	0.03	0.02	0.50-0.60	-	Max 0.40	0.05-0.15	0.3	0.04	-	W=0.50-0.60
109	2516S	120WV4	Cold work tool steel	1.2516	1.15-1.25	0.15-0.30	0.20-0.35	0.025	0.025	0.15-0.25	-	-	0.07-0.12	0.3	-	-	W=0.90-1.10
110	2542S	45WCrV7	Cold work tool steel	1.2542	0.45-0.50	0.80-1.00	0.20-0.35	0.025	0.025	0.90-1.10	-	-	0.15-0.20	0.3	-	-	W=1.80-2.10
111	2550S	60WCrV7	Cold work tool steel	1.2550	0.60-0.50	0.50-0.70	0.20-0.40	0.025	0.025	0.90-1.20	-	-	0.15-0.20	0.3	-	-	W=1.80-2.10
112	2567S	X30WCrV5-3	Hot work tool steel	1.2567	0.29-0.32	0.15-0.30	0.20-0.40	0.025	0.025	2.20-2.50	-	-	0.50-0.70	0.3	-	-	W=4.00-4.50
113	2581S	X30WCrV9-3	Hot work tool steel	1.2581	0.25-0.32	0.15-0.30	0.20-0.40	0.025	0.025	2.50-2.80	-	-	0.30-0.40	0.3	-	-	W=8.00-9.00
114	2601S	X165CrMoV12	Cold work tool steel	1.2601	1.55-1.65	0.25-0.40	0.20-0.40	0.025	0.025	11.0-12.0	0.50-0.70	-	0.15-0.45	0.3	-	-	W=0.40-0.60
115	2631S	X50CrMoW9-1-1	Cold work tool steel	1.2631	0.50-0.56	0.80-1.00	0.40-0.60	0.025	0.025	8.0-8.6	1.10-1.30	-	-	0.3	-	-	W=1.10-1.30
116	2703S	~74NiCr2	Saw steel	1.2703	0.65-0.72	0.20-0.30	0.30-0.45	0.025	0.025	0.20-0.30	-	0.35-0.50	-	0.3	-	-	-
117	2713S	55NiCrMoV6	Hot work tool steel	1.2713	0.50-0.60	0.15-0.30	0.65-0.85	0.025	0.025	0.60-0.80	0.25-0.35	1.50-1.80	0.07-0.12	0.03	-	-	-
118	2714S	56NiCrMoV7	Hot work tool steel	1.2714	0.50-0.60	0.15-0.35	0.65-0.85	0.03	0.025	1.00-1.20	0.45-0.55	1.50-1.80	0.07-0.12	0.3	0.1	-	-
119	2740D	28NiCrMoV10	Hot work tool steel	1.2740	0.24-0.32	0.30-0.50	0.20-0.40	0.030	0.030	0.60-0.90	0.50-0.70	2.30-2.60	0.25-0.32	-	-	-	-
120	2764S	X19NiCrMo4	Mould plastic steel	1.2764	0.16-0.22	0.15-0.30	0.15-0.45	0.025	0.025	1.10-1.40	0.15-0.25	3.80-4.30	-	0.3	-	-	-
121	2767S	X45NiCrMo4	Cold work tool steel	1.2767	0.42-0.48	0.15-0.30	0.30-0.50	0.025	0.025	1.20-1.40	0.20-0.30	3.80-4.20	-	0.3	-	-	-
122	2770S	85NiV4	Cold work tool steel	1.2770	0.82-0.87	0.15-0.30	0.25-0.40	0.025	0.025	Max 0.15	-	0.70-0.80	0.10-0.15	0.3	-	-	-
123	2842S	90MnCrV8	Cold work tool steel	1.2842	0.85-0.95	0.10-0.40	1.90-2.10	0.03	0.025	0.20-0.50	-	-	0.05-0.15	0.3	-	-	-
124	2886S	X15CrCoMoV10-10-5	Hot work tool steel	1.2886	0.13-0.18	0.15-0.25	0.15-0.25	0.02	0.01	9.50-10.50	4.90-5.20	-	0.45-0.55	0.3	-	-	Co:9.50-10.50

No.	IASCO sym.	DIN (~...) sym.	Steel group	werk stuff. No.	%C	%Si	%Mn	%P Max	%S Max	%Cr	%Mo	%Ni	%V	%Cu Max	%Al	%Ti	Others
125	3401S	X120Mn12	Cold work tool steel	1.3401	1.15-1.30	0.30-0.50	12.0-13.0	0.05	0.04	Max 0.60	-	-	-	0.3		-	-
126	3505C	-	Bearing steel	-	0.95-1.10	0.15-0.35	0.25-0.45	0.0250	0.015	1.35-1.65	Max 1.00	Max 0.25	-	0.30	0.010-1.060	Max 0.003	O<= 0.0015 ; Sn<= 0.03 , Pb<= 0.002 ; As<= 0.04
127	3505S	100Cr6	Bearing steel	1.3505	0.95-1.05	0.25-0.35	0.250.40	0.025	0.02	1.40-1.65	-	-	-	0.3	-	-	P+S<0.04
128	4021D	X20Cr13	Stainless steel	1.4021	0.16-0.25	Max 1.00	Max 1.50	0.040	0.030	12.0-14.0	-	-	-	-	-	-	-
129	4024D	X15Cr13	Stainless steel	1.4024	0.12-0.17	Max 1.00	Max 1.00	0.045	0.030	12.0-14.0	-	-	-	-	-	-	-
130	4028D	X30Cr13	Stainless steel	1.4028	0.26-0.35	Max 1.00	Max 1.50	0.040	0.030	12.0-14.0	-	-	-	-	-	-	-
131	4300S	X5CrNi18-8	Stainless steel	1.43	0.06-0.12	0.50-0.8	1.0-1.20	Max. 040	Max. 0.025	17.5-18.5	-	8.0-9.0	-	Max. 0.35	-	-	
132	4301A	X5CrNi-18-10	Stainless steel	1.4301	Max 0.08	Max 1.00	Max 2.00	0.045	0.030	18.0-20.0	-	8.00-10.50	-	-	-	-	-
133	4301S	X5CrNi18-10	Stainless steel	1.4301	Max. 0.05	0.35-0.60	1.20-1.50	Max. 040	0.018-0.028	18.0-19.0	-	9.0-10.0	-	Max. 0.35	-	-	
134	4305S	X10CrNiS18-9	Stainless steel	1.4305	0.06-0.09	0.40-0.60	1.60-2.0	Max. 045	0.20-0.25	17.0-17.5	-	8.0-8.5	-	Max. 0.35	Max. 0.02	-	(C=0.12 / Cr=18 / Ni=9)acceptable
135	4306A	X5CrNi19-11	Stainless steel	1.4306	Max 0.03	Max 1.00	Max 2.00	0.045	0.030	18.0-20.0	-	8.00-12.00	-	-	-	-	-
136	4310S	X9CrNi18-8	Stainless steel	1.4310	0.080-0.12	0.70-1.0	0.40-0.60	Max. 025	Max. 0.030	17.0-18.0	Max. 0.50	7.0-8.0	-	Max. 0.35	-	-	-
137	4361S	X1CrNiSi18-15-4	Stainless steel	1.4361	Max. 0.12	4.0-4.3	0.50-0.80	Max. 018	Max. 0.005	17.0-18.0	Max. 0.20	14.5-15.5	-	Max. 0.35	-	-	-
138	4401A	X5CrNiMo17-12-2	Stainless steel	1.4401	Max 0.08	Max 1.00	Max 2.00	0.045	0.030	16.0-18.0	2.00-3.00	10.00-14.00	-	-	-	-	-
139	4401S	X2CrNiMo17-12-2	Stainless steel	1.4401	0.040-0.060	0.30-0.6	1.20-1.80	Max. 025	Max. 0.001	17.0-17.0	2.0-2.20	10.5-10.9	Max. 0.07	Max. 0.25	Max. 0.01	Max. 0.010	Pb<0.002 & O<0.003 & Sn<0.01 Nb<0.01& N<0.02
140	4404A	AISI316L	Stainless steel	1.4404	Max 0.03	Max 1.00	Max 2.00	0.045	0.030	16.0-18.0	2.00-3.00	10.00-14.00	-	-	-	-	-
141	4404S	X2CrNiMo17-13-2	Stainless steel	1.4404	Max. 0.03	0.35-0.60	1.20-1.50	Max. 040	0.018-0.028	16.50-17.50	2.0-2.3	11.0-12.0	-	Max. 0.35	-	-	N:0.05-0.08
142	4429S	X2CrNiMoN17-13-3	Stainless steel	1.4429	Max. 0.03	0.50-0.80	1.40-1.80	Max. 040	Max. 0.015	17.0-18.0	2.5-2.8	13.0-14.0	-	Max. 0.35	Max. 0.025	-	-
143	4435S	X2CrNiMo18-14-3	Stainless steel	1.4435	Max. 0.03	0.35-0.60	1.20-1.50	Max. 040	0.015-0.025	17.0-18.0	2.5-2.8	12.5-13.5	-	Max. 0.35	-	-	-
144	4436S	X5CrNiMo17-13-3	Stainless steel	1.4436	Max. 0.05	0.35-0.60	1.40-1.80	Max. 040	Max. 0.025	16.50-17.50	2.5-2.8	11.5-12.5	-	Max. 0.35	-	-	N<=0.03-0.05
145	4439S	X2CrNiMoN17-13-5	Stainless steel	1.4439	Max. 0.03	0.40-0.60	1.20-1.50	Max. 025	Max. 0.015	16.50-17.50	4.0-4.5	13.0-14.0	-	Max. 0.35	Max. 0.025	-	-
146	4466S	X1CrNiMoN25-22-2	Stainless steel	1.4466	Max. 0.02	0.20-0.40	1.50-2.00	Max. 015	Max. 0.010	24.5-25.5	2.0-2.3	21.5-22.5	-	Max. 0.20	Max. 0.025	-	N:0.10-0.14P < 0.018 acceptable
147	4539S	X2NiCrMoCu25-20-5	Stainless steel	1.4539	Max. 0.02	0.30-0.60	0.50-1.00	Max. 025	Max. 0.002	19.5-21.0	4.3-4.7	24.2-25.8	-	1.5-1.7	Max. 0.025	Max. 0.005	N:0.04-0.07 & Pb< 0.0015
148	4541S	X6CrNiTi18-10	Stainless steel	1.4541	0.025-0.035	0.35-0.60	1.50-1.80	Max. 040	Max. 0.025	17.0-18.0	-	9.4-10.0	-	Max. 0.35	-	Max. 0.035	C = 0.04 acceptable
149	4550S	X5CrNiNb18-10	Stainless steel	1.4550	Max. 0.06	0.35-0.60	1.20-1.50	Max. 040	Max. 0.025	17.0-18.0	-	9.0-10.0	-	Max. 0.35	-	-	-
150	4571S	X6CrNiMoTi17-12-2	Stainless steel	1.4571	0.025-0.035	0.35-0.60	1.50-1.80	Max. 040	Max. 0.025	16.50-17.50	2.0-2.3	10.9-11.5	-	Max. 0.35	-	0.16-0.25	(Ti>5*C)(C=0.04 acceptable)
151	4580S	X6CrNiMoNb17-12-2	Stainless steel	1.4580	Max. 0.04	0.35-0.60	1.20-1.50	Max. 040	Max. 0.025	16.50-17.50	2.0-2.3	10.5-11.5	-	Max. 0.35	-	-	Nb (>10*C or <0.6)
152	4586S	X5NiCrMoCuNb22-18	Stainless steel	1.4586	Max 0.05	0.50-0.80	1.0-1.20	Max. 025	Max. 0.020	17.0-18.0	3.0-3.4	21.5-23.0	-	1.6-2.0	-	-	-
153	4713S	X10CrAl7	Heat resistance steel	1.4713	Max. 0.12	0.60-0.90	0.30-0.50	Max. 030	Max. 0.025	6.50-7.0	-	Max. 0.50	-	-	0.60-0.90	-	-
154	4718S	X45CrSi9-3	Valve steel	1.4718	0.43-0.48	2.90-3.10	0.20-0.40	Max. 030	Max. 0.010	8.70-9.50	Max. 0.15	Max. 0.30	-	Max. 0.30	Max. 0.10	-	Mo+W+Cu+Al<0.60-----W=Max. 0.10
155	4724S	X10CrAl13	Heat resistance steel	1.4724	Max. 0.12	0.90-1.20	0.40-0.60	Max. 030	Max. 0.025	12.0-13.0	-	Max. 0.50	-	-	0.80-1.10	-	-

No.	IASCO sym.	DIN (~...) sym.	Steel group	werk stuff. No.	%C	%Si	%Mn	%P Max	%S Max	%Cr	%Mo	%Ni	%V	%Cu Max	%Al	%Ti	Others
156	4742S	X10CrAl18	Heat resistance steel	1.4742	Max. 0.12	1.0-1.30	0.40-0.60	Max. 030	Max. 0.025	17.5-18.5	-	Max. 0.50	-	-	0.90-1.20	-	-
157	4749S	X18CrN28	Heat resistance steel	1.4749	0.040-0.070	0.40-0.60	0.70-0.90	Max. 030	Max. 0.025	26.0-27.5	-	Max. 0.50	-	-	Max. 0.025	-	-
158	4762S	X10CrAl24	Heat resistance steel	1.4762	Max. 0.10	1.0-1.30	0.40-0.60	Max. 030	Max. 0.025	23.0-24.5	-	Max. 0.50	-	-	1.30-1.60	-	-
159	4821S	X20CrNiSi25-4	Heat resistance steel	1.4821	0.10-0.15	0.80-1.20	1.0-1.30	Max. 030	Max. 0.025	24.0-25.5	-	3.7-4.2	-	-	-	-	-
160	4828S	~X15CrNiSi20-12	Heat resistance steel	1.4828	0.06-0.12	1.60-1.80	1.0-1.30	Max. 030	Max. 0.025	19.0-20.0	-	11.0-120	-	-	-	-	-
161	4841S	X15CrNiSi25-20	Heat resistance steel	1.4841	0.06-0.1	1.60-1.80	1.0-1.30	Max. 030	Max. 0.025	24.0-25.5	-	19.0-20.5	-	-	-	-	-
162	4842S	X12CrNi25-21	Heat resistance steel	1.4842	Max. 0.08	0.40-0.60	1.0-1.30	Max. 030	Max. 0.025	24.0-25.5	Max. 0.75	19.0-20.5	-	Max. 0.75	-	-	-
163	4864S	X1NiCrSi36-16	Heat resistance steel	1.4864	0.08-0.12	1.60-1.90	0.60-0.90	Max. 030	Max. 0.020	18.5-19.5	-	34.0-36.0	-	-	-	-	-
164	4871S	X53CrMnNiN21-9	Valve steel	1.4871	0.50-0.55	0.05-0.20	8.0-9.5	Max. 040	Max. 0.010	20.0-21.5	Max. 0.25	3.25-4.0	0.15-0.20	Max. 0.35	Max. 0.025	Max. 0.02	Nb=0.02-0.06 & Sn<0.03&(C+N)>0.90/W=Max. 0.15
165	4873D	X45 CrNiW18-9	Heat resistance steel	1.4873	0.40-0.50	2.00-3.00	0.80-1.50	0.045	0.030	17.0-19.0	-	8.00-10.00	-	-	-	-	W= 0.80-1.20
166	4873S	X45CrNiW18-9	Valve steel	1.4873	0.40-0.46	2.30-2.60	1.0-1.30	Max. 030	0.015-0.03	17.5-18.5	Max. 0.40	8.5-9.5	-	Max. 0.35	Max. 0.10	-	Mo+Cu+Al<0.75---W=0.80-1.20
167	4876S	X10NiCrAlTi32-20	Heat resistance steel	1.4876	0.05-0.08	0.20-0.50	0.60-0.90	Max. 030	Max. 0.015	20.0-21.5	-	31.0-33.0	-	Max. 0.5	0.20-0.40	0.20-0.40	Co < 1.00
168	4923D	X22CrMoV12-1	Heat resistance steel	-	0.18-0.24	Max 0.50	0.40-0.90	0.025	0.015	11.0-12.5	0.80-1.20	0.30-0.80	0.25-0.35	-	-	-	-
169	5023D	38Si7	spring steel	1.5023	0.35-0.42	1.50-1.80	0.50-0.80	0.030	0.030	-	-	-	-	-	-	-	-
170	5024S	46Si7	spring steel	1.5024	0.45-0.50	1.5-1.80	0.60.80	0.035	0.035	-	-	-	-	0.25	-	-	-
171	5025S	51Si7	spring steel	1.5025	0.48-0.55	1.5-1.80	0.5-0.80	0.035	0.035	-	-	-	-	0.25	-	-	-
172	5025U	51Si7	spring steel	1.5025	0.42-0.52	1.50-2.00	0.50-0.80	0.035	0.035	-	-	-	-	-	-	-	-
173	5026S	55Si7	spring steel	1.5026	0.52-0.60	1.5-1.80	0.80-1.00	0.035	0.035	-	-	-	-	0.35	-	-	-
174	5027S	~60Si7	spring steel	1.5027	0.55-0.64	1.8-2.20	0.80-1.00	0.035	0.035	-	-	-	-	0.35	-	-	-
175	5028S	65Si7	spring steel	1.5028	0.60-0.68	1.5-1.80	0.80-1.00	0.035	0.035	-	-	-	-	0.35	-	-	-
176	5122S	37MnSi5	Heat treatment steel	1.5122	0.34-0.40	1.10-1.40	1.10-1.40	0.035	0.035	-	-	-	-	0.35	-	-	-
177	5231D	38MnSiVS5	Micro alloy steel	1.5231	0.35-0.40	0.50-0.80	1.20-1.50	0.035	0.030-0.065	-	-	-	0.08-0.13	-	-	-	N=>0.01
178	5232R	27MnSiVS6	Micro alloy steel	1.5232	0.21-0.26	Max 0.40	1.30-1.60	0.030	0.020-0.040	Max 0.30	Max 0.10	Max 0.30	-	0.40	Max 0.050	Max 0.010	0.010<=N<=0.02&V+Nb=0.10-0.20
179	5425I	~S2MO	Welding steel	-	0.08-0.15	0.05-0.25	0.90-1.20	0.025	0.025	Max 0.12	0.45-0.55	Max 0.12	-	0.17	Max 0.030	-	-
180	5437D	70MoMn10-4	Hot work tool steel	1.5437	0.63-0.77	0.20-0.35	0.70-1.05	0.040	0.040	Max 0.28	0.80-1.10	Max 0.20	Max 0.06	0.20	Min 0.020	-	-
181	5510D	28B2	Micro alloy steel	1.5510	0.25-0.30	Max 0.30	0.60-0.90	0.025	0.025	Max 0.30	-	-	-	0.25	-	-	B:0.0008-0.005
182	5515A	10B38	Micro alloy steel	1.5515	0.35-0.42	0.10-0.20	0.60-0.90	0.040	0.050	-	-	-	-	-	-	-	B:0.0005-0.003
183	5515D*	38B2	Micro alloy steel	1.5515	0.35-0.40	0.15-0.30	0.60-0.90	0.025	0.025	Max 0.30	-	-	-	0.25	-	-	B: 0.0008-0.005
184	5523I	~10B21	Micro alloy steel	-	0.18-0.23	Max0.10	0.80-1.10	0.030	0.030	Max 0.20	-	-	-	-	-	-	B:0.0005-0.005
185	5526I	F30B	Micro alloy steel	~1.5526	0.28-0.32	0.15-0.30	0.80-1.00	0.025	0.025	0.10-0.20	-	-	-	-	-	-	B:0.0005-0.003
186	5529D	27MnB5	Micro alloy steel	1.5529	0.25-0.30	Max0.40	1.10-1.30	0.025	0.025	0.50	-	-	-	-	Min 0.020	0.02-0.05	B:0.0008-0.0050

No.	IASCO sym.	DIN (~...) sym.	Steel group	werk stuff. No.	%C	%Si	%Mn	%P Max	%S Max	%Cr	%Mo	%Ni	%V	%Cu Max	%Al	%Ti	Others
187	5530D	20MnB5	Micro alloy steel	1.5530	0.17-0.23	Max0.40	1.1-1.4	0.025	0.035	-	-	-	-	-			B:0.0008-0.0050
188	5532P	38MB5	Micro alloy steel	-	0.33-0.38	0.10-0.40	1.10-1.40	0.035	0.020-0.040	-	-	-	-	0.40	0.020-0.060	0.020-0.055	B:0.0015-0.0050
189	5713C	16CrNi4	Case hardening steel	-	0.14-0.18	0.20-0.35	0.80-1.00	0.035	0.020-0.035	0.90-1.10	-	0.90-1.10	-	-	0.020-0.050	-	-
190	5714B	637H17	Case hardening steel	-	0.14-0.20	0.10-0.35	0.60-0.90	0.050	0.025-0.050	0.60-1.00	-	0.85-1.25	-	-	-	-	-
191	5715B	En352	Case hardening steel	-	0.14-0.20	0.10-0.35	0.60-0.90	0.050	0.025-0.050	0.60-1.00	-	0.85-1.25	-	-	-	-	-
192	5752S	14NiCr14	Case hardening steel	1.5752	0.12-0.15	0.20-0.35	0.40-0.50	0.025	0.025	0.60-0.80	-	3.25-3.70	-	0.35	-	-	-
193	5755S	31CrNi14	Heat treatment steel	1.5755	0.28-0.33	0.20-0.35	0.50-0.70	0.025	0.035	0.60-0.90	-	3.25-3.70	-	0.35	-	-	-
194	5860S	14NiCr18	Case hardening steel	1.5860	0.10-0.15	0.20-0.28	0.40-0.60	0.025	0.035	0.90-1.20	-	4.25-4.70	-	0.35	-	-	-
195	5919F	16NiCr6	Case hardening steel	1.5919	0.12-0.17	0.10-0.40	0.60-0.90	0.035	0.035	0.90-1.20	-	1.20-1.50	-	-	-	-	-
196	5919S	15CrNi6	Case hardening steel	1.5919	0.14-0.19	0.20-0.35	0.40-0.60	0.025	0.035	1.40-1.60	-	1.40-1.70	-	0.35	-	-	-
197	5920S	18CrNi8	Case hardening steel	1.5920	0.15-0.20	0.20-0.35	0.40-0.60	0.025	0.035	1.80-2.10	-	1.80-2.10	-	0.35	-	-	-
198	6356S	X2NiCoMoTi-18-12-4	Hot work tool steel	1.6356	Max 0.030	Max 0.10	Max 0.10	0.01	0.01	-	3.80-4.50	17.50-18.50	-	0.3	0.10-0.20	1.50-1.80	Co:12.00-12.50
199	6358S	~X2NiCoMo18-9-5	Hot work tool steel	1.6358	Max 0.030	Max 0.10	Max 0.10	0.01	0.01	-	5.00-5.50	18.0-19.0	-	0.3	0.05-0.15	0.50-0.70	Co:8.50-9.50
200	6359S	X2NiCoMo18-8-5	Hot work tool steel	1.6359	Max 0.030	Max 0.10	Max 0.10	0.01	0.01	-	4.60-5.10	17.50-18.50	-	0.3	0.10-0.15	0.50-0.60	Co:7.50-8.50
201	6511S	36CrNiMo4	Heat treatment steel	1.6511	0.32-0.40	0.20-0.35	0.50-0.80	0.025	0.030	0.90-1.20	0.15-0.25	0.90-1.20	-	0.35	-	-	-
202	6526A	SAE8620H	Case hardening steel	-	0.17-0.23	0.10-0.35	0.70-0.90	0.035	0.025-0.050	0.35-0.60	0.15-0.25	0.35-0.70	-	-	-	-	-
203	6526B	805M22	Case hardening steel	-	0.19-0.25	0.10-0.35	0.60-0.95	0.035	0.025-0.050	0.35-0.65	0.15-0.25	0.35-0.75	-	-	-	-	-
204	6528A	SAE8660	Heat treatment steel	-	0.56-0.64	0.15-0.35	0.75-1.00	0.035	0.040	0.40-0.60	0.15-0.25	0.40-0.70	-	0.35	-	-	-
205	6540D	-	Heat treatment steel	1.6540	0.20-0.26	Max 0.25	1.10-1.40	0.020	0.020	0.40-0.60	0.20-0.30	0.70-0.90	-	0.25	0.020-0.050	-	N<= 0.012
206	6541D	23MnNiCrMo5-2	Heat treatment steel	1.6541	0.20-0.26	Max 0.25	1.10-1.40	0.020	0.020	0.40-0.60	0.20-0.30	0.40-0.70	-	0.25	0.020-0.050		N:Max 0.012, P+S:Max 0.035
207	6580D	30CrNiMo8	Heat treatment steel	1.6580	0.26-0.34	Max 0.40	0.30-0.60	0.025	0.035	1.80-2.20	0.30-0.50	1.80-2.20	-	-	-	-	-
208	6580S	30CrNiMo8	Heat treatment steel	1.6580	0.26-0.33	0.20-0.35	0.40-0.60	0.025	0.025	1.80-2.10	0.30-0.40	1.80-2.10	-	0.35	-	-	-
209	6582A *	AISI4340	Heat treatment steel	1.6582	0.38-0.43	0.15-0.35	0.60-0.80	0.035	0.04	0.70-0.90	0.20-0.30	1.65-2.00	-	0.35	-	-	-
210	6582D	34CrNiMo6	Heat treatment steel	1.6582	0.30-0.38	Max 0.40	0.50-0.80	0.025	0.035	1.30-1.70	0.15-0.30	1.30-1.70	-	-	-	-	-
211	6582S	34CrNiMo6	Heat treatment steel	1.6582	0.31-0.37	0.20-0.35	0.50-0.70	0.025	0.030	1.40-1.60	0.15-0.25	1.40-1.60	-	0.35	-	-	-
212	6587D	18CrNiMo7-6	Case hardening steel	1.6587	0.15-0.21	Max 0.40	0.50-0.90	0.035	0.035	1.50-1.80	0.25-0.35	1.40-1.70	-	-	-	-	-
213	6655D	32NiCrMo12-5	Case hardening steel	1.6655	0.29-0.36	0.15-0.40	0.25-0.50	0.025	0.025	1.20-1.50	0.30-0.40	2.80-3.00	-	-	-	-	-
214	6657B	832M13	Case hardening steel	1.6657	0.10-0.16	0.10-0.35	0.35-0.60	0.035	0.025-0.050	0.70-1.00	0.10-0.25	3.00-3.75	-	-	-	-	-
215	6659S	31NiCrMo13-4	Heat treatment steel	1.6659	0.28-0.35	0.15-0.35	0.40-0.70	0.025	0.025	0.90-1.20	0.20-0.30	3.00-3.50	-	0.35	-	-	-
216	6926S	38NiCrMoV 7-3	Heat treatment steel	1.6926	0.35-0.38	0.15-0.35	0.50-0.80	0.015	0.010	0.70-0.90	0.30-0.40	1.65-2.00	0.08-0.15	0.35	-	-	-
217	6956D	33NiCrMoV14-5	Case hardening steel	1.6956	0.28-0.38	Max 0.40	0.15-0.40	0.035	0.035	1.00-1.70	0.30-0.60	2.90-3.80	0.08-0.25	-	-	-	-

No.	IASCO sym.	DIN (~...) sym.	Steel group	werk stuff. No.	%C	%Si	%Mn	%P Max	%S Max	%Cr	%Mo	%Ni	%V	%Cu Max	%Al	%Ti	Others
218	6959D	35NiCrMoV125	Heat treatment steel	1.6959	0.30-0.40	0.15-0.35	0.40-0.70	0.015	0.015	1.00-1.40	0.35-0.60	2.50-3.50	0.08-0.20	-	Max 0.015	-	-
219	7001D	38Cr1	Heat treatment steel	1.7001	0.34-0.41	0.15-0.40	0.50-0.80	0.035	0.035	0.30-0.40	-	-	-	-	-	-	-
220	7002P	45C.TS.	Heat treatment steel	-	0.43-0.48	0.15-0.35	0.70-1.00	0.025	0.015	0.15-0.25	-	-	-	0.40	0.015-0.040	Max 0.010	B<= 0.0005
221	7003P	38C2	Heat treatment steel	1.7003	0.34-0.40	0.10-0.40	0.60-0.80	0.030	0.020-0.040	0.30-0.60	-	-	-	0.40	0.015-0.040	Max 0.010	-
222	7007D	37CrB1	Micro alloy steel	1.7007	0.35-0.40	Max 0.40	0.50-0.80	0.035	0.035	0.30-0.40	-	-	-	-	-	-	B:Min 0.0008
223	7014I	~17Cr3	Case hardening steel	~1.7014	0.16-0.19	Max 0.18	0.50-0.65	0.035	0.020-0.035	0.70-0.85	Max 0.05	Max 0.25	-	0.25	0.020-0.050	-	Sn<=0.025
224	7015S	15Cr3	Case hardening steel	1.7015	0.12-0.18	0.20-0.35	0.40-0.60	0.025	0.025	0.50-0.70	-	-	-	0.35	-	-	-
225	7027J	SCr420H	Case hardening steel	-	0.17-0.23	0.15-0.35	0.55-0.90	0.030	0.030	0.85-1.25	Max 0.10	Max 0.25	-	0.30	-	-	-
226	7033D	34Cr4	Heat treatment steel	1.7033	0.30-0.37	Max 0.40	0.60-0.90	0.025	0.035	0.90-1.20	-	-	-	-	-	-	-
227	7034D	37Cr4	Heat treatment steel	1.7034	0.34-0.41	Max 0.40	0.60-0.90	0.025	0.035	0.90-1.20	-	-	-	-	-	-	-
228	7034I	-	Heat treatment steel	-	0.35-0.38	0.10-0.35	0.65-0.80	0.030	0.020-0.030	0.85-1.00	Max 0.10	Max 0.15	-	0.20	-	-	-
229	7035S	41Cr4	Heat treatment steel	1.7035	0.38-0.44	0.20-0.35	0.60-0.80	0.025	0.030	0.90-1.20	-	-	-	0.35	-	-	-
230	7037D	34CrS4	Heat treatment steel	1.7037	0.30-0.37	Max 0.40	0.60-0.90	0.025	0.020-0.040	0.90-1.20	-	-	-	-	-	-	-
231	7038B	En18C	Heat treatment steel	-	0.34-0.39	0.10-0.40	0.60-0.80	0.035	0.025-0.050	0.90-1.20	Max 0.15	Max 0.40	-	0.25	-	-	-
232	7038D	37CrS4	Heat treatment steel	1.7038	0.34-0.41	Max 0.40	0.60-0.90	0.025	0.020-0.040	0.90-1.20	-	-	-	-	-	-	-
233	7039B	530M40	Heat treatment steel	1.7039	0.36-0.44	0.10-0.35	0.60-0.90	0.050	0.025-0.050	0.90-1.20	-	-	-	-	-	-	-
234	7039D	41CrS4	Heat treatment steel	1.7039	0.38-0.45	Max 0.40	0.60-0.90	0.025	0.020-0.040	0.90-1.20	-	-	-	-	-	-	-
235	7039I	-	Heat treatment steel	-	0.38-0.44	0.15-0.40	0.50-0.80	0.035	0.020-0.040	0.80-1.00	-	-	-	-	0.020-0.050	Max 0.030	-
236	7077D	36CrB4	Micro alloy steel	1.7077	0.34-0.38	Max0.30	0.70-1.00	0.025	0.025	0.90-1.20	-	-	-	0.25	-	-	B:0.0008-0.0050
237	7103S	65SiCr5	spring steel	1.7103	0.62-0.720	1.2-1.40	0.40-0.60	0.035	0.035	0.40-0.60	-	-	-	0.35	-	-	-
238	7108S	60SiCr7	spring steel	1.7108	0.55-0.650	1.5-1.80	0.70-1.00	0.035	0.035	0.20-0.40	-	-	-	0.35	-	-	-
239	7131C	-	Case hardening steel	-	0.14 -0.19	0.17-0.37	1.10-1.40	0.035	0.035	0.80-1.10	-	-	-	-	-	-	-
240	7131S	16MnCr5	Case hardening steel	1.7131	0.14-0.19	0.20-0.35	1.00-1.30	0.025	0.035	0.80-1.10	-	-	-	0.35	-	-	-
241	7139S	16MnCrS5	Case hardening steel	1.7139	0.14-0.19	0.15-0.35	1.00-1.30	0.035	0.02-0.035	0.80-1.10	-	-	-	0.35	-	-	-
242	7147C	ZF7B	Micro alloy steel	-	0.15-0.20	Max 0.40	1.00-1.30	0.025	0.020-0.035	1.00-1.30	Max 0.12	Max 0.30	Max 0.10	0.30	0.020-0.050	Max 0.005	B: 0.001- 0.003 ; Sn<= 0.03 Ca<=0.003;Sb<=0.005;O<= 0.0025 Co<=0.10 N&Nb Was reported W <=0.10
243	7147D	20MnCr5	Case hardening steel	1.7147	0.17-0.22	Max 0.40	1.10-1.40	0.035	0.035	1.00-1.30	-	-	-	-	-	-	-
244	7149P	20MC5	Case hardening steel	1.7149	0.16-0.22	Max0.40	1.00-1.40	0.020	0.025-0.040	1.10-1.40	-	-	-	0.30	0.015-0.040	Max 0.010	-
245	7149S	20MnCrS5	Case hardening steel	1.7149	0.17-0.22	0.15-0.35	1.10-1.40	0.035	0.02-0.035	1.00-1.30	-	-	-	0.35	-	-	-
246	7176A	SAE5160	spring steel	-	0.56-0.64	0.15-0.35	0.75-1.00	0.030	0.040	0.70-0.90	Max 0.06	Max 0.20	-	0.30	-	-	-
247	7176D	55Cr3	spring steel	1.7176	0.52-0.59	0.25-0.40	0.70-1.00	0.025	0.025	0.70-1.00	-	-	-	-	-	-	CU+10Sn<=0.6
248	7176J	SUP9	spring steel	-	0.52-0.60	0.15-0.35	0.65-0.95	0.035	0.035	0.65-0.95	-	-	-	0.30	-	-	-

No.	IASCO sym.	DIN (~...) sym.	Steel group	werk stuff. No.	%C	%Si	%Mn	%P Max	%S Max	%Cr	%Mo	%Ni	%V	%Cu Max	%Al	%Ti	Others
249	7176S	55Cr3	spring steel	1.7176	0.52-0.59	0.15-0.40	0.70-1.00	0.03	0.03	0.60-0.90	-	-	-	0.35	-	-	-
250	7182D	27MnCrB5-2	Micro alloy steel	1.7182	0.24-0.30	Max 0.40	1.10-1.40	0.025	0.035	0.30-0.60	-	-	-	-	-	-	B:0.0008-0.0050
251	7218P	27CD4	Heat treatment steel	-	0.23-0.31	0.10-0.40	0.60-0.90	0.025	0.025-0.040	0.90-1.20	0.20-0.30	Max 0.30	-	0.40	0.015-0.040	Max 0.010	-
252	7218S	25CrMo4	Heat treatment steel	1.7218	0.24-0.28	0.20-0.35	0.60-0.80	0.025	0.030	1.00-1.20	0.20-0.30	-	-	0.35	-	-	-
253	7220D	34CrMo4	Heat treatment steel	1.7220	0.30-0.37	Max 0.40	0.60-0.90	0.025	0.035	0.90-1.20	0.15-0.30	-	-	-	-	-	-
254	7220S	34CrMo4	Heat treatment steel	1.7220	0.30-0.37	0.20-0.35	0.60-0.80	0.025	0.030	0.90-1.20	0.15-0.25	-	-	0.35	-	-	-
255	7223S	41CrMo4	Heat treatment steel	1.7223	0.38-0.44	0.20-0.35	0.60-0.80	0.025	0.030	0.90-1.20	0.15-0.25	-	-	0.35	-	-	-
256	7225D	42CrMo4	Heat treatment steel	1.7225	0.38-0.45	Max 0.40	0.60-0.90	0.035	0.035	0.90-1.20	0.15-0.20	-	-	-	-	-	-
257	7226D	34CrMoS4	Heat treatment steel	1.7226	0.30-0.37	Max0.40	0.60-0.90	0.025	0.020-0.040	0.90-1.20	0.15-0.30	-	-	-	-	-	-
258	7227B	708A42	Heat treatment steel	-	0.40-0.45	0.10-0.35	0.75-1.00	0.050	0.025-0.050	0.90-1.20	0.15-0.25	-	-	-	-	-	-
259	7227D	42CrMoS4	Heat treatment steel	1.7227	0.38-0.45	Max 0.40	0.60-0.90	0.025	0.020-0.040	0.90-1.20	0.15-0.30	-	-	-	-	-	-
260	7228S	50CrMo4	Heat treatment steel	1.7228	0.47-0.53	0.20-0.35	0.60-0.80	0.025	0.025	0.90-1.20	0.15-0.25	-	-	0.35	-	-	-
261	7242D	16CrMo4	High temperature steel	1.7242	0.13-0.20	0.15-0.35	0.50-0.80	0.035	0.035	0.90-1.20	0.20-0.30	Max 0.40	-	-	-	-	-
262	7242P	16CD4	Case hardening steel	-	0.14-0.19	0.10-0.40	0.60-0.90	0.025	0.025-0.040	090-1.20	0.20-0.30	Max 0.30	-	0.40	0.015-0.040	Max 0.010	-
263	7258D	24CrMo5	High temperature steel	1.7258	0.20-0.28	0.15-0.35	0.50-0.80	0.030	0.035	0.90-1.20	0.20-0.35	Max 0.60	-	-	-	-	-
264	7258I	-	High temperature steel	-	0.19-0.25	0.15-0.35	0.60-0.90	0.030	0.030	0.90-1.20	0.40-0.50	Max 0.20	-	0.20	-	-	-
265	7258S	-	High temperature steel	1.7258	0.20-0.28	0.2-0.35	0.50-0.70	0.025	0.025	0.90-1.10	0.20-0.35	Max 0.60	-	0.30	-	-	-
266	7262D	15CrMo5	Case hardening steel	1.7262	0.13-0.17	0.15-0.35	0.80-1.10	0.035	0.035	1.00-1.30	0.20-0.30	-	-	-	-	-	-
267	7262I	-	Case hardening steel	-	0.12-0.18	0.15-0.35	0.60-0.90	0.030	0.030	0.90-1.20	0.40-0.50	Max 0.20	-	0.20	-	-	-
268	7262J	15CrMo5	Case hardening steel	-	0.13-0.18	0.15-0.35	0.60-0.85	0.03	0.03	0.90-1.20	0.15-0.30	Max 0.30	-	0.30	-	-	-
269	7264D	20CrMo5	Case hardening steel	1.7264	0.18-0.23	0.15-0.35	0.90-1.20	0.035	0.035	1.10-1.40	0.20-0.30	-	-	-	-	-	-
270	7264I	20CrMo5	Case hardening steel	-	0.18-0.23	0.15-0.35	0.60-0.90	0.030	0.030	0.90-1.25	0.18-0.35	Max 0.20	-	0.25	-	-	-
271	7264J	(SCM420H)	Case hardening steel	1.7264	0.17-0.23	0.15-0.35	0.55-0.90	0.030	0.030	0.85-1.25	0.15-0.35	Max 0.25	-	0.30	-	-	-
272	7271D	23CrMoB3-3	Micro alloy steel	1.7271	0.20-0.25	0.15-0.35	0.70-0.90	0.035	0.035	0.70-0.90	0.30-0.40	-	-	-	-	-	B: 0.0008-0.005
273	7321A	(SAE4118)	Case hardening steel	1.7321	0.18-0.23	0.15-0.35	0.70-0.90	0.03	0.04	0.40-0.60	0.08-0.15	Max 0.25	-	0.35	-	-	-
274	7321S	20MoCr4	Case hardening steel	1.7321	0.17-0.22	0.15-0.35	0.60-0.80	0.035	0.035	0.30-0.50	0.40-0.50	-	-	0.35	-	-	-
275	7325D	25MoCr4	Case hardening steel	1.7325	0.23-0.29	0.15-0.40	0.6-0.9	0.035	0.035	0.40-0.60	0.40-0.50	-	-	-	Min 0.020	-	-
276	7333D	22CrMoS3-5	Case hardening steel	1.7333	0.19-0.24	Max 0.40	0.7-1.00	0.035	0.02-0.04	0.7-1.00	0.4-0.5	-	-	-	-	-	-
277	7335S	13CrMo4-4	High temperature steel	1.7335	0.10-0.18	0.20-0.35	0.40-0.70	0.025	0.025	0.80-1.10	0.50-0.60	-	-	0.30	-	-	-
278	7380S	10CrMo9-10	High temperature steel	1.7380	0.08-0.12	0.20-0.35	0.40-0.60	0.030	0.025	2.20-2.50	0.90-1.10	-	-	0.30	-	-	-
279	7701S	51CrMoV4	spring steel	1.7701	0.48-0.56	0.15-0.35	0.80-1.10	0.03	0.03	0.90-1.20	0.15-0.25	-	0.07-0.12	0.35	-	-	-

No.	IASCO sym.	DIN (~...) sym.	Steel group	werk stuff. No.	%C	%Si	%Mn	%P Max	%S Max	%Cr	%Mo	%Ni	%V	%Cu Max	%Al	%Ti	Others
280	7709S	21CrMoV5-7	High temperature steel	1.7709	0.17-0.25	0.15-0.35	0.35-0.85	0.03	0.035	1.20-1.50	0.65-0.80	-	0.25-0.35	-		-	-
281	7711I	40CrMo4-7	High temperature steel	1.7711	0.36-0.44	0.15-0.35	0.45-0.70	0.030	0.035	0.90-1.15	0.60-0.65	-	0.25-0.35	-	Max 0.015	-	-
282	7733D	24CrMoV5-5	High temperature steel	1.7733	0.20-0.28	0.15-0.35	0.30-0.60	0.035	0.035	1.20-1.50	0.50-0.60	Max 0.60	0.15-0.25	-	-	-	-
283	7734S	-	Heat treatment steel	1.7734	0.15-0.18	0.10-0.20	0.80-1.10	0.020	0.015	1.25-1.50	0.80-1.00	-	0.20-0.30	0.35	-	-	-
284	7765D	32CrMoV12-10	Micro alloy steel	1.7765	0.30-0.35	Max 0.35	Max 0.60	0.025	0.010	2.80-3.20	0.80-1.20	-	0.25-0.35	-	-	-	-
285	7783S	X41CrMoV5-1	Hot work tool steel	1.7783	0.38-0.42	0.80-1.00	0.20-0.40	0.015	0.01	4.80-5.20	1.20-1.40	Max 0.20	0.40-0.50	0.2	-	-	Co<0.20/W=Max0.20
286	8159S	50CrV4	spring steel	1.8159	0.48-0.54	0.15-0.35	0.70-1.10	0.035	0.035	0.90-1.20	-	-	0.10-0.15	0.35	-	-	-
287	8161D	58CrV4	spring steel	1.8161	0.55-0.62	0.15-0.40	0.70-1.10	0.035	0.035	0.90-1.20	-	-	0.10-0.20	-	-	-	-
288	8507S	34CrAlMo5	Nitriding steel	1.8507	0.30-0.34	0.20-0.28	0.50-0.70	0.025	0.025	1.00-1.30	0.15-0.25	-	0.10-0.20	0.35	0.90-1.10	-	-
289	8509D*	41CrAlMo7-10	Nitriding steel	1.8509	0.38-0.45	Max 0.40	0.40-0.70	0.025	0.035	1.50-1.80	0.20-0.35	-	-	-	0.80-1.20	-	-
290	8515S	31CrMo12	Nitriding steel	1.8515	0.28-0.35	0.20-0.35	0.50-0.70	0.025	0.025	2.80-3.30	0.30-0.50	Max. 0.30	-	0.35	-	-	-
291	8519S	31CrMoV9	Nitriding steel	1.8519	0.27-0.30	0.20-0.28	0.50-0.60	0.025	0.025	2.30-2.70	0.15-0.25	-	0.10-0.20	0.35	-	-	-
292	8550S	34CrAlNi7	Nitriding steel	1.8550	0.34-0.37	0.20-0.35	0.50-0.60	0.025	0.025	1.50-1.80	0.15-0.25	0.90-1.10	-	0.35	0.80-1.10	-	-
293	8599D	8CrMo16	Case hardening steel	1.8599	0.07-0.10	0.10-0.40	0.85-1.15	0.025	0.030	3.70-4.10	0.40-0.60	-	-	0.25	-	-	-
294	9000S	~80CrV2	Saw steel	~1.2235	0.80-0.90	0.20-0.35	0.20-0.40	0.025	0.025	0.30-0.70	-	0.20-0.50	0.15-0.30	0.3	-	-	-
295	9001S	-	Saw steel	-	0.70-0.80	0.15-0.30	0.40-0.50	0.025	0.025	0.20-0.35	-	2.25-2.45	-	0.3	-	-	-
296	9002S	~C87WS	Saw steel	~1.1840	0.80-0.90	0.30-0.40	0.50-0.65	0.025	0.02	0.15-0.25	-	-	-	0.3	-	-	-
297	9003S	~C75W	Saw steel	~1.1750	0.70-0.80	0.30-0.40	0.45-0.60	0.025	0.025	0.15-0.25	-	-	-	0.35	-	-	-
298	9004S	21NiCrMo2	Case hardening steel	~1.6523	0.18-0.23	0.20-0.35	0.70-0.90	0.035	0.035	0.40-0.60	0.15-0.25	0.40-0.70	-	0.35	-	-	-
299	9006S	~X50CrVMo5-1	Cold work tool steel	~1.2345	0.48-0.53	0.80-1.10	0.20-0.40	0.025	0.02	4.80-5.20	1.25-1.45	-	1.30-1.50	0.3	-	-	-
300	9007S	-	Cold work tool steel	-	0.75-0.85	0.20-0.40	0.25-0.40	0.02	0.02	0.60-0.80	0.35-0.50	-	0.08-0.15	0.3	-	-	W=2.40-2.70
301	9009S	~50NiCr13	Cold work tool steel	~1.2721	0.52-0.57	0.20-0.40	0.30-0.50	0.025	0.02	0.90-1.10	0.20-0.30	2.80-3.20	-	0.3	0.025	-	-
302	9010S	-	Cold work tool steel	-	0.65-0.70	0.20-0.35	0.35-0.50	0.035	0.035	0.45-0.60	0.15-0.25	0.55-0.75	-	0.25	0.1	-	-
303	9011S	~ C45W	Cold work tool steel	~1.1730	0.48-0.54	0.20-0.30	0.55-0.70	0.035	0.035	-	-	-	-	0.3	-	-	-
304	9012S	~15NiCr14	Mould plastic steel	~1.2735	0.12-0.15	0.20-0.35	0.40-0.50	0.025	0.025	0.60-0.80	-	3.25-3.70	-	0.3	-	-	-
305	9013S	~40CrMnMoS8-6	Mould plastic steel	~1.2312	0.30-0.36	0.50-0.70	0.65-0.85	0.025	0.06-0.09	1.50-1.75	0.35-0.50	-	-	0.3	-	-	-
306	9014S	~X36CrMo17	Mould plastic steel	~1.2316	0.35-0.40	0.30-0.50	0.50-0.80	0.03	0.015	15.50-16.5	0.90-1.10	0.70-0.90	-	0.3	-	-	Nb<0.08
307	9015S	~X42Cr13	Mould plastic steel	~1.2083	0.38-0.43	0.60-0.80	0.25-0.60	0.025	0.005	14.0-14.5	0.50-0.70	Max 0.50	0.15-0.25	0.3	0.01	-	-
308	9016S	~35NiCrMoV12-4	Heat treatment steel	~1.6959	0.28-0.35	0.10-0.30	0.50-0.70	0.025	0.025	1.10-1.40	0.50-0.60	2.50-2.80	0.10-0.15	0.35	Max 0.015	-	-
309	9017S	~40NiCrMo6	Heat treatment steel	~1.6565	0.36-0.42	0.20-0.35	0.50-0.70	0.025	0.025	0.60-0.90	0.30-0.45	1.20-1.50	-	0.35	-	-	-
310	9018S	-	Heat treatment steel	-	0.23-0.28	0.15-0.35	2.35-2.60	0.035	0.035	-	-	-	-	0.35	-	-	-

No.	IASCO sym.	DIN (~...) sym.	Steel group	werk stuff. No.	%C	%Si	%Mn	%P Max	%S Max	%Cr	%Mo	%Ni	%V	%Cu Max	%Al	%Ti	Others
311	9019S	~X45CoCrWV5-5-5	Hot work tool steel	~1.2678	0.38-0.43	0.20-0.35	0.20-0.35	0.025	0.025	4.00-4.50	0.30-0.50	-	1.80-2.00	0.3	-	-	Co:4.00-4.50/W=4-4.5
312	9020S	~X38CrMoV5-1	Hot work tool steel	~1.2343	0.33-0.39	0.90-1.20	0.30-0.50	0.025	0.025	4.80-5.20	1.20-1.40	Max 0.40	0.30-0.50	0.3	-	-	-
313	9022S	~X32CrMoCoV3-3-3	Hot work tool steel	~1.2885	0.36-0.42	0.20-0.35	0.25-0.40	0.025	0.005	2.70-3.00	2.70-2.90	Max 0.40	0.60-0.70	0.3	-	-	Co:2.70 -3.00
314	9023S	35SMn10	Free cutting steel	-	0.34-0.38	0.1-0.3	1.45-1.65	0.05	0.12-0.17	0.15-0.25	-	-	-	-	-	-	-
315	9025B	En16	Heat treatment steel	-	0.32-0.40	0.10-0.35	1.30-1.80	0.050	0.025-0.050	-	0.22-0.35	-	-	-	-	-	-
316	9025I	605M36	Heat treatment steel	-	0.32-0.40	0.10-0.35	1.30-1.70	0.050	0.025-0.050	-	0.22-0.32	-	-	-	-	-	-
317	9026B	En207	Case hardening steel	-	0.17-0.22	0.10-0.35	0.70-0.90	0.050	0.025-0.050	0.70-0.90	Max 0.15	Max 0.40	-	0.25	-	-	-
318	9027I	En207	Case hardening steel	-	0.17-0.22	0.10-0.35	0.70-0.90	0.050	0.050	0.70-0.90	Max 0.10	Max 0.15	-	0.25	-	-	-
319	9028X	22BCr3	Micro alloy steel	-	0.18-0.24	Max 0.15	0.60-1.00	0.035	0.035	0.10-0.30	-	-	-	0.25	0.025-0.040	0.025-0.055	B: 0.001 - 0.005
320	9029I	MCB240H	Micro alloy steel	-	0.37-0.44	0.15-0.35	0.80-1.20	0.030	0.030	0.30-0.70	-	Max 0.25	-	0.30	-	-	B: 0.001 - 0.003
321	9030B	En202	Free cutting steel	-	0.12-0.18	0.10-0.40	1.20-1.60	0.050	0.100-0.180	-	-	-	-	-	-	-	-
322	9031B	815H17	Case hardening steel	-	0.14-0.20	0.10-0.35	0.60-0.90	0.035	0.025-0.050	0.80-1.20	0.10-0.20	1.20-1.70	-	-	-	-	-
323	9031C	18NiCrMo5	Case hardening steel	-	0.18-0.22	0.20-0.35	0.70-0.90	0.018	0.018	0.85-1.00	0.18-0.25	1.35-1.50	-	-	0.020-0.050	-	-
324	9032S	X2CrNi18-9	Stainless steel	~1.4306	Max. 0.03	0.35-0.60	1.20-1.50	Max. 0.040	0.018-0.028	18.0-19.0	-	9.0-10.0	-	-	-	-	-
325	9033I	38MnVS5	Micro alloy steel	-	0.36-0.40	0.50-0.65	1.35-1.45	0.015	0.045-0.065	0.10-0.20	Max 0.10	Max 0.20	0.08-0.12	0.25	0.010-0.030	-	N<=0.030
326	9034B	212M36	Free cutting steel	-	0.32-0.40	Max 0.25	1.00-1.40	0.060	0.120-0.200	-	-	-	-	-	-	-	-
327	9035I	38MnVS5	Micro alloy steel	-	0.36-0.40	0.50-0.65	1.35-1.45	0.015	0.030-0.045	0.10-0.20	Max 0.10	Max 0.20	0.08-0.12	0.25	0.010-0.030	-	N<=0.030
328	9036I	-	spring steel	-	0.46-0.54	0.17-0.37	0.70-1.00	0.035	0.035	0.90-1.20	-	-	-	-	-	-	-
329	9037I	~251A58	spring steel	-	0.52-0.57	1.70-2.10	0.80-1.00	0.035	0.035	0.20-0.30	0.01-0.06		-	0.35	-	-	Sn<=0.035&Cu+10Sn<=0.60
330	9038B	665M23	Case hardening steel	-	0.20-0.26	0.10-0.35	0.35-0.75	0.030	0.025-0.035	-	0.20-0.30	1.50-2.00	-	-	-	-	-
331	9039P	30MSV6	Micro alloy steel	-	0.30-0.33	0.50-0.70	1.40-1.60	0.025	0.065-0.090	Max 0.25	Max 0.06	Max 0.17	0.08-0.14	0.40	0.010-0.040	0.015-0.025	N>= 0.010 ; 1.88<=Mneq<=1.98
332	9040I	~38CrV4	Micro alloy steel	-	0.35-0.42	0.15-0.35	0.50-0.80	0.030	0.030	0.70-1.10	Max 0.10	Max 0.40	0.10-0.20	0.15	-	-	-
333	9041B	606M36	Free cutting steel	-	0.32-0.40	0.10-0.40	1.30-1.70	0.035	0.150-0.250	-	0.22-0.32	-	-	-	-	-	-
334	9042J	SUP12	spring steel	-	0.51-0.59	1.20-1.60	0.60-0.90	0.035	0.035	0.60-0.90	-	-	-	0.30	-	-	-
335	9043G	35ChGSA	spring steel	-	0.32-0.39	1.10-1.40	0.80-1.10	0.025	0.025	1.10-1.40	Max 0.15	Max 0.30	Max 0.05	0.30	-	Max 0.03	W <=0.20
336	9044I	~50Cr2	Heat treatment steel	-	0.45-0.55	0.20-0.30	0.75-0.90	0.020	0.020	0.55-0.70	-	-	-	-	-	-	-
337	9045I	-	Hot work tool steel	-	0.42-50	0.17-0.32	0.50-0.80	0.020	0.010	0.80-1.10	0.20-0.30	1.3 - 1.8	0.10-0.18	-	-	-	-
338	9046P	27MnCr5	Heat treatment steel	-	0.23-31	0.10-0.40	1.10-1.40	0.030	0.025-0.040	1.00-1.30	-	-	-	0.4	0.015-0.040	Max 0.010	-
339	9047B*	130M15	Case hardening steel	-	0.12-0.18	0.10-0.40	1.10-1.50	0.050	0.020-0.050	-	-	-	-	-	-	-	-
340	9050S		Stainless steel		Max. 0.05	0.35-0.60	1.70-1.90	Max. 0.045	0.17-0.22	17.0-18.5	2.5-2.8	11.5-12.5	-	Max. 0.35	-	-	N:0.10-0.14
341	9052S	X6CrNiS18-9	Stainless steel	-	0.04-0.08	0.35-0.60	0.50-0.80	Max. 0.040	Max. 0.025	18.0-19.0	-	8.0-9.0	-	Max. 0.35	-	-	-

No.	IASCO sym.	DIN (~...) sym.	Steel group	werk stuff. No.	%C	%Si	%Mn	%P Max	%S Max	%Cr	%Mo	%Ni	%V	%Cu Max	%Al	%Ti	Others
342	9054S	~X3CrNiMo27-5-2	Stainless steel	~1.4460	0.050-0.080	0.50-0.80	0.70-1.00	Max. 030	Max. 0.015	25.8-27	1.4-1.6	5.0-5.5	-	Max. 0.35	Max. 0.035	-	-
343	9055S	-	Stainless steel	-	Max. 0.04	0.50-0.80	0.50-0.80	Max. 025	Max. 0.015	22.5-24.0	2.5-3.0	26.5-28.0	-	2.8-3.2	-	-	-
344	9056S		Stainless steel		Max. 0.02	Max. 0.20	1.0-1.50	Max. 020	Max. 0.015	16.50-17.50	6.0-6.5	15.5-16.5	-	1.2-1.6	Max. 0.025	-	N:0.13-0.18,Pb< 0.0015
345	9057S	~X20CrNiSi25-4	Heat resistance steel	~1.4821	0.15-0.25	0.20-0.50	1.15-1.30	Max. 030	Max. 0.025	24.0-26.0	-	3.5-4.5	-	-	Max. 0.025	-	-
346	9058S	-	Heat resistance steel	-	0.35-0.45	0.20-0.40	0.50-0.70	Max. 020	Max. 0.015	19.0-22.0	-	31.0-34.0	-	Max. 0.75	0.40-0.60	0.50-0.70	-
347	9059S	~X15CrNiSi25-20	Stainless steel	~1.4841	Max. 0.08	1.20-1.35	1.10-1.30	Max. 030	Max. 0.025	24.5-26.0	-	19.0-20.5	-	-	-	-	-
348	9095I	-	Heat treatment steel	-	0.43-50	0.15-0.35	0.55-0.80	0.030	0.010-0.035	Max 0.40	Max 0.10	Max 0.40	-	0.35	-	-	-