1. Stainless steel

Composition in weight %

Identification No.	Material: Designation	Material: Number (DIN, AISI)*	C	Si	Mn	Cr	Mo	Ni	P	S	Other	Fe
1.000	Stainless steel	1.4301	≤ 0.07	≤ 1.0	≤ 2.0	17.0–19.5	–	8.0–10.5	≤ 0.045	≤ 0.03	N ≤ 0.11	Residue
1.001	Stainless steel	1.4303	≤ 0.06	≤ 1.0	≤ 2.0	17.0–19.0	–	11.0–13.0	≤ 0.045	≤ 0.03	N ≤ 0.11	Residue
1.002	Stainless steel	1.4305	≤ 0.10	≤ 1.0	≤ 2.0	17.0–19.0	–	8.0–10.0	≤ 0.045	0.15–0.35	N ≤ 0.11/ Cu ≤ 1,0	Residue
1.003	Stainless steel (remanium®)	1.4310	0.05–0.15	≤ 2.0	≤ 2.0	16.0–19.0	≤ 0.8	6.0–9.5	≤ 0.045	≤ 0.015	N ≤ 0.11	Residue
1.004	Stainless steel	1.4401	≤ 0.07	≤ 1.0	≤ 2.0	16.5–18.5	2.0–2.5	10.0–13.0	≤ 0.045	≤ 0.03	N ≤ 0.11	Residue
1.005	Stainless steel	1.4404	≤ 0.03	≤ 1.0	≤ 2.0	16.5–18.5	2.0–2.5	10.0–13.0	≤ 0.045	≤ 0.03	N ≤ 0.11	Residue
1.006	Stainless steel (Noninium®)	1.4456	≤ 0.1	≤ 1.0	16.0–20.0	16.0–20.0	1.8–2.5	≤ 0.2	≤ 0.05	≤ 0.05	V ≤ 0.2 N 0.7–1.0	Residue
1.007	Stainless steel	1.4460	≤ 0.05	≤ 1.0	≤ 2.0	25.0–28.0	1.3–2.0	4.5–6.5	≤ 0.035	≤ 0.3	N 0.05–0.20	Residue
1.008	Stainless steel	1.4541	≤ 0.08	≤ 1.0	≤ 2.0	17.0–19.0	–	9.0–12.0	≤ 0.045	≤ 0.3	Ti 5 x C bis 0.7	Residue
1.009	Stainless steel	1.4542	≤ 0.07	≤ 0.7	≤ 1.5	15.0–17.0	≤ 0.6	3.0–5.0	≤ 0.040	≤ 0.03	Cu 3.0–5.0 Nb 5 x C bis 0.45	Residue
1.010	Stainless steel	1.4435	≤ 0.03	≤ 1.0	≤ 2.0	17.0–19.0	2.5–3.0	12.5–15.0	≤ 0.045	≤ 0.025	N ≤ 0.11	Residue
1.011	Stainless steel	AISI 302	≤ 0.15	≤ 1.0	≤ 2.0	17.0–19.0	–	8.0–10.0	≤ 0.045	≤ 0.03	–	Residue
1.012	Stainless steel (dentaflex®)	AISI 302 B	≤ 0.15	2.0–3.0	≤ 2.0	17.0–19.0	–	8.0–10.0	≤ 0.045	≤ 0.03	–	Residue
1.013	Stainless steel (remanium®)	AISI 304	≤ 0.08	≤ 1.0	≤ 2.0	18.0–20.0	–	8.0–10.5	≤ 0.045	≤ 0.03	–	Residue
1.014	Stainless steel (Noninium®)	1.3808	0.15–0.25	0.2–0.6	9.5–12.5	16.5–18.0	2.7–3.7	0.05	0.02	0.01	Cu 0.25 N 0.45–0.55	Residue
1.015	Stainless steel	1.4568	≤ 0.03	≤ 0.7 0	≤ 1.0	16.0–18.0	–	6.5–7.8	≤ 0.04	≤ 0.01 5	Al 0.70–1.50	Residue

***Note:** Stainless steel with foreign standards which correspond to the DIN material numbers are also acceptable.

2. Copper and precious metal alloys

Composition in weight %

Identification No.	Material: Designation	Material: Number (DIN)*	Ag	Cu	Ni	Pb	Zn	Fe	Mn	Sn	Sb	Al	Others
2.000	Argentan	2.0770	–	45–48	9–11	0.5–2.0	38–45	≤ 0.05	≤ 0.5	≤ 0.3	–	–	≤ 0.1
2.001	Argentan	2.0780	–	56–58	11–13	0.3–1.5	26–33	≤ 0.05	≤ 0.5	≤ 0.3	–	–	≤ 0.1
2.002	Argentan	2.0790	–	59–63	17–19	0.3–1.5	Residue	≤ 0.03	≤ 0.7	–	–	–	≤ 0.4
2.100	Brass	2.0321	–	62.0–65.5	≤ 0.3	≤ 0.1	Residue	≤ 0.01	≤ 0.1	≤ 0.1	≤ 0.1	–	–
2.101	Brass	2.0360	–	59.0–62.0	≤ 0.3	≤ 0.1	Residue	≤ 0.01	≤ 0.1	≤ 0.1	≤ 0.1	–	–
2.200	Silver filler	2.5153 L-Ag75	74–76	Residue	–	≤ 0.02	2.0–4.0	–	–	–	–	≤ 0.005	≤ 0.1
2.201	Silver filler	2.5147 L-Ag44	43–45	29–31	–	≤ 0.02	Residue	–	–	–	–	≤ 0.005	≤ 0.1
2.202	Silver filler	2.5159 L-Ag55Sn	54–57	21–23	–	≤ 0.02	Residue	–	–	2.0–5.0	–	≤ 0.005	≤ 0.1
2.203	Silver filler	2.5151 L-Ag72	71–73	Residue	–	≤ 0.02	–	–	–	–	–	≤ 0.005	≤ 0.1
2.204	Silver filler	–	43–46	18–22	–	–	6–10	–	–	2.0–6.0	–	–	≤ 0.3
2.205	Silver filler	–	57–61	15–18	–	–	Residue	–	–	–	–	–	≤ 0.3
2.300	Gold filler	–	38.5–39.5	Residue	–	–	–	–	–	–	–	–	Au 33.0
2.301	Au-Pt alloy	–	16–17	8–10	–	–	–	–	–	–	–	–	Au 60–62 Pt 13–14