

**A240/A240M – 23****TABLE 1** *Continued*

UNS Desig. ^B	Type ^C	C ^D	Mn	P	S	Si	Cr	Ni	Mo	N	Cu	Other Elements ^{E,F}
S31609	316H	0.04–0.10	2.00	0.045	0.030	0.75	16.0–18.0	10.0–14.0	2.00–3.00	...	...	...
S31635	316Ti ^G	0.08	2.00	0.045	0.030	0.75	16.0–18.0	10.0–14.0	2.00–3.00	0.10	...	Ti 5x(C+N) min, 0.70 max
S31640	316Cb ^G	0.08	2.00	0.045	0.030	0.75	16.0–18.0	10.0–14.0	2.00–3.00	0.10	...	Nb 10xC min, 1.10 max
S31651	316N	0.08	2.00	0.045	0.030	0.75	16.0–18.0	10.0–14.0	2.00–3.00	0.10–0.16	...	...
S31653	316LN	0.030	2.00	0.045	0.030	0.75	16.0–18.0	10.0–14.0	2.00–3.00	0.10–0.16	...	...
S31655	...	0.030	2.00	0.045	0.015	1.00	19.5–21.5	8.0–9.5	0.50–1.50	0.14–0.25	1.00	...
S31700	317	0.08	2.00	0.045	0.030	0.75	18.0–20.0	11.0–15.0	3.0–4.0	0.10	...	...
S31703	317L	0.030	2.00	0.045	0.030	0.75	18.0–20.0	11.0–15.0	3.0–4.0	0.10	...	...
S31725	317LM ^G	0.030	2.00	0.045	0.030	0.75	18.0–20.0	13.5–17.5	4.0–5.0	0.20	...	...
S31726	317LMN ^G	0.030	2.00	0.045	0.030	0.75	17.0–20.0	13.5–17.5	4.0–5.0	0.10–0.20	...	...
S31727	...	0.030	1.00	0.030	0.030	1.00	17.5–19.0	14.5–16.5	3.8–4.5	0.15–0.21	2.80–4.00	...
S31730	...	0.030	2.00	0.040	0.010	1.00	17.0–19.0	15.0–16.5	3.0–4.0	0.045	4.0–5.0	...
S31740	...	0.005–0.020	2.00	0.045	0.030	1.00	17.0–19.0	11.0–15.0	3.0–4.5	0.06–0.15	...	Nb 0.20–0.50 (15xC min)
S31753	317LN ^G	0.030	2.00	0.045	0.030	0.75	18.0–20.0	11.0–15.0	3.0–4.0	0.10–0.22	...	...
S32050	...	0.030	1.50	0.035	0.020	1.00	22.0–24.0	20.0–23.0	6.0–6.8	0.21–0.32	0.40	...
S32053	...	0.030	1.00	0.030	0.010	1.00	22.0–24.0	24.0–26.0	5.0–6.0	0.17–0.22	...	...
S32100	321	0.08	2.00	0.045	0.030	0.75	17.0–19.0	9.0–12.0	...	0.10	...	Ti 5x(C+N) min, 0.70 max
S32109	321H	0.04–0.10	2.00	0.045	0.030	0.75	17.0–19.0	9.0–12.0	...	...	...	Ti 4x(C+N) min, 0.70 max
S32615	...	0.07	2.00	0.045	0.030	4.80–6.00	16.5–19.5	19.0–22.0	0.30–1.50	...	1.50–2.50	...
S32654	...	0.020	2.00–4.00	0.030	0.005	0.50	24.0–25.0	21.0–23.0	7.0–8.0	0.45–0.55	0.30–0.60	...
S33228	...	0.04–0.08	1.00	0.020	0.015	0.30	26.0–28.0	31.0–33.0	...	...	...	Ce 0.05–0.10 Nb 0.6–1.0 Al 0.025
S33400	334 ^G	0.08	1.00	0.030	0.015	1.00	18.0–20.0	19.0–21.0	...	...	...	Al 0.15–0.60 Ti 0.15–0.60
S33425	...	0.08	1.50	0.045	0.020	1.00	21.0–23.0	20.0–23.0	2.00–3.00	...	...	Al 0.15–0.60 Ti 0.15–0.60
S33426	...	0.030	1.00	0.030	0.015	0.80–1.50	19.5–22.0	19.0–21.0	1.80–2.20	...	...	...
S33550	...	0.04–0.10	1.50	0.040	0.030	1.00	25.0–28.0	16.5–20.0	...	0.18–0.25	...	Nb 0.05–0.15 La+Ce 0.025–0.070
S34565	...	0.030	5.00–7.00	0.030	0.010	1.00	23.0–25.0	16.0–18.0	4.0–5.0	0.40–0.60	...	Nb 0.10
S34700	347	0.08	2.00	0.045	0.030	0.75	17.0–19.0	9.0–13.0	...	...	...	Nb 10xC min, 1.00 max
S34709	347H	0.04–0.10	2.00	0.045	0.030	0.75	17.0–19.0	9.0–13.0	...	...	...	Nb 8xC min, 1.00 max
S34751	347LN	0.005–0.020	2.00	0.045	0.030	1.00	17.0–19.0	9.0–13.0	...	0.06–0.10	...	Nb 0.20–0.50, 15xC min
S34752	...	0.005–0.02	2.00	0.035	0.010	0.60	17.0–19.0	10.0–13.0	0.20–1.20	0.06–0.12	2.50–3.50	Nb 0.20–0.50 B 0.001–0.005
S34800	348	0.08	2.00	0.045	0.030	0.75	17.0–19.0	9.0–13.0	...	...	...	Nb/C ratio, min 15 (Nb+Ta) 10xC min, 1.00 max Ta 0.10 Co 0.20
S34809	348H	0.04–0.10	2.00	0.045	0.030	0.75	17.0–19.0	9.0–13.0	...	...	...	(Nb+Ta) 8xC min, 1.00 max Ta 0.10 Co 0.20
S35030	...	0.05–0.10	1.50	0.030	0.015	0.5–2.0	18.5–22.5	22.5–27.5	...	0.05–0.15	2.5–3.5	Nb: 0.25–0.75
S35045	...	0.06–0.10	1.50	0.045	0.015	1.00	25.0–29.0	32.0–37.0	...	...	0.75	Al 0.15–0.60 Ti 0.15–0.60
S35115	...	0.030	1.00	0.045	0.015	0.50–1.50	23.0–25.0	19.0–22.0	1.50–2.50	0.20–0.30	...	...
S35125	...	0.10	1.00–1.50	0.045	0.015	0.50	20.0–23.0	31.0–35.0	2.00–3.00	...	...	Nb 0.25–0.60
S35135	...	0.08	1.00	0.045	0.015	0.60–1.00	20.0–25.0	30.0–38.0	4.0–4.8	...	0.75	Ti 0.40–1.00
S35140	...	0.10	1.00–3.00	0.045	0.030	0.75	20.0–22.0	25.0–27.0	1.00–2.00	0.08–0.20	...	Nb 0.25–0.75
S35315	...	0.04–0.08	2.00	0.040	0.030	1.20–2.00	24.0–26.0	34.0–36.0	...	0.12–0.18	...	Ce 0.03–0.10
S38100	XM-15 ^J	0.08	2.00	0.030	0.030	1.50–2.50	17.0–19.0	17.5–18.5	...	...	...	...
S38815	...	0.030	2.00	0.040	0.020	5.50–6.50	13.0–15.0	15.0–17.0	0.75–1.50	...	0.75–1.50	Al 0.30
Duplex (Austenitic-Ferritic)												
S31200	...	0.030	2.00	0.045	0.030	1.00	24.0–26.0	5.5–6.5	1.20–2.00	0.14–0.20	...	...
S31260	...	0.03	1.00	0.030	0.030	0.75	24.0–26.0	5.5–7.5	2.5–3.5	0.10–0.30	0.20–0.80	W 0.10–0.50
S31803	...	0.030	2.00	0.030	0.020	1.00	21.0–23.0	4.5–6.5	2.5–3.5	0.08–0.20	...	...
S32001	...	0.030	4.00–6.00	0.040	0.030	1.00	19.5–21.5	1.00–3.00	0.60	0.05–0.17	1.00	...
S32003	...	0.030	2.00	0.030	0.020	1.00	19.5–22.5	3.0–4.0	1.50–2.00	0.14–0.20	...	...
S32101	...	0.040	4.00–6.00	0.040	0.030	1.00	21.0–22.0	1.35–1.70	0.10–0.80	0.20–0.25	0.10–0.80	...
S32202	...	0.030	2.00	0.040	0.010	1.00	21.5–24.0	1.00–2.80	0.45	0.18–0.26	...	...
S32205	2205 ^G	0.030	2.00	0.030	0.020	1.00	22.0–23.0	4.5–6.5	3.0–3.5	0.14–0.20	...	...
S32304	2304 ^G	0.030	2.50	0.040	0.030	1.00	21.5–24.5	3.0–5.5	0.05–0.60	0.05–0.20	0.05–0.60	...
S32506	...	0.030	1.00	0.040	0.015	0.90	24.0–26.0	5.5–7.2	3.0–3.5	0.08–0.20	...	W 0.05–0.30
S32520	...	0.030	1.50	0.035	0.020	0.80	24.0–26.0	5.5–8.0	3.0–4.0	0.20–0.35	0.50–2.00	...
S32550	255 ^G	0.04	1.50	0.040	0.030	1.00	24.0–27.0	4.5–6.5	2.9–3.9	0.10–0.25	1.50–2.50	...
S32750	2507 ^{G,O}	0.030	1.20	0.035	0.020	0.80	24.0–26.0	6.0–8.0	3.0–5.0	0.24–0.32	0.50	...