



Chrome-Nickel Stainless Steels

Type	C	Mn	P	S	Si	Cr	Ni	Mo	OTHERS
410	0.15	1	0.04	0.03	1	11.50 – 13.50	–	–	–
430	0.12	1	0.04	0.03	1	16.00 – 18.00	–	–	–

Straight Chrome Stainless Alloys

Type	C	Mn	P	S	Si	Cr	Ni	Mo	OTHERS
302	0.15	2	0.045	0.03	1	17.00 – 19.00	8.00 – 10.00	–	–
304	0.08	2	0.045	0.03	1	18.00 – 20.00	8.00 – 10.50	–	–
316	0.08	2	0.045	0.03	1	16.00 – 18.00	10.00 – 14.00	2.00 – 3.00	–
347	0.02	2	0.045	0.03	1	17.00 – 19.00	9.00 – 13.00	–	Cb-Ta 10x C Min.
20CB									
17-7PH	0.09	1	0.04	0.03	1	16.00 – 18.00	6.50 – 7.75	–	–
TT-50	0.03 – 0.06	4.00 – 6.00	0.04	0.03	1	20.50 – 23.50	11.50 – 13.50	1.50 – 3.00	N 0.20 – 0.40

Nickel Alloys

Type	Ni	C	Mn	Fe	S	Si	Cu	Cr	Al	Ti	Cb	Mo	OTHERS
400	63.00 – 70.00	0.025	1.25	2.5	0.01	0.5	28.00 – 34.00	–	0.10-	–	–	–	–
MK-500	63.00 min.	0.18	1.5	2	0.01	0.5	27.00 – 33.00	–	2.65 – 3.15	0.35 – 0.85	–	–	–
600	72.00 – 78.00	0.08	0.50 – 1.00	6.00 – 8.00	0.01	0.02	0.500.25	14.00 – 17.00	0.35	0.5	1	0.50-	Ta: 0.05 Max. Cb+Ta: 1.00 Max.
601	58.00 – 63.00	0.06	1	Bal.	0.01	0.5	1	21.00 – 25.00	1.00 – 1.70	0.6	–	–	B: 0.006 max.
625	58.00 min.	0.1	0.5	5	0.01	0.5	–	20.00 – 23.00	0.4	0.4	+Ta 3.15 – 4.15	8.00 – 10.00	–
718*	51.00 – 55.00	0.020 – 0.060	– 0.3	15.00 – 21.00	0.01	0.3	0.3	17.00 – 20.50	0.40 – 0.70	0.75 – 1.15	5.00 – 5.50	2.85 – 3.25	–
750	70.00 min.	0.08	1	9	0.01	0.5	0.5	14.00 – 17.00	0.40 – 1.00	2.75	0.70 – 1.20	–	Ta: 0.05 max. Cb+Ta: 0.70 = 1.20
800	30.00 – 35.00	0.01	1.5	Bal.	0.01	1	0.75	19.00 – 23.00	0.15 – 0.60	0.15 – 0.60	–	–	–
805	36	0.12	0.75	Bal.	0.02	0.5	0.5	7.5	–	–	–	0.5	–
825	38.00 – 46.00	0.05	1	22.00 min.	0.015	0.5	1.50 – 3.00	19.50 – 23.50	0.2	0.60 – 1.20	–	–	–
C-276	Bal.	0.01	1	4.00 – 7.00	0.01	0.08	0.5	14.50 – 46.50	–	–	–	15.00 – 17.00	N: 0.10