

## 翔坤常用不锈钢元素表(1)

钢号	对应牌号	化学成分 %											
		C≤	Mn≤	P≤	S≤	Si≤	Cr	Ni	Mo	Cu	N	Nb	其它
Monel 400	N04400 / 2.4360 / 2.4361 / M35-1	0.300	2.00		0.024	0.50		≥63.0		28.0-34.0			Fe:≤2.50
Monel K500	N05500 / 2.4375	0.180	1.50		0.010	0.50		≥63.0		27.0-33.0			Al:2.30-3.15 Ti:0.35-0.85 Fe:≤2.00
Inconel 600	N06600 / 2.4816 / 1Cr15Ni75Fe8 / NS312 / CY40	0.150	1.00		0.015	0.50	14.0-17.0	≥72.0		≤0.50			Fe:6.0-10.0
Inconel 601	N06601 / 2.4851 / 1Cr23Ni60Fe13Al / NS313	0.100	1.00		0.015	0.50	21.0-25.0	58.0-63.0		≤1.00			Al:1.0-1.7
Inconel 625	N06625 / 2.4856 / 0Cr20Ni65Mo10Nb4 / NS336	0.100	0.50	0.015	0.015	0.50	20.0-23.0	≥58.0	8.0-10.0			3.15-4.15	Co:≤1.0 Al:≤0.40 Ti:≤0.40 Fe:≤5.0
Inconel 718	N07718 / 2.4668 / GH4169	0.080	0.35	0.015	0.015	0.35	17.0-21.0	50.0-55.0	2.8-3.3	≤0.30	Co:≤1.0	4.75-5.50	Al:0.20-0.80 Ti:0.65-1.15 B≤0.006
Inconel 725	N07725	0.030	0.35	0.015	0.010	0.20	19.0-22.5	55.0-59.0	7.0-9.5			2.75-4.00	Ti:1.0-1.7 Al:≤0.35
Inconel X-750	N07750 / 2.4669 / GH4145	0.080	1.00		0.010	0.50	14.0-17.0	≥70		≤0.50	Co:≤1.0	0.70-1.20	Al:0.4-1.0 Ti:2.25-2.75 Fe:5.0-9.0
Incoloy 800	N08800 / 1.4876 / 0Cr20Ni32AlTi / NS111	0.100	1.50	0.030	0.015	1.00	19.0-23.0	30.0-35.0		≤0.75			Al:0.15-0.60 Ti:0.15-0.60
Incoloy 800H	N08810 / 1.4958 / NS112	0.05-0.1	1.50	0.030	0.015	1.00	19.0-23.0	30.0-35.0		≤0.75			Al:0.15-0.60 Ti:0.15-0.60
Incoloy 800HT	N08811 / 1.4959	0.06-0.1	1.50	0.030	0.015	1.00	19.0-23.0	30.0-35.0		≤0.75			Al:0.15-0.60 Ti:0.15-0.60 Al+Ti:0.85-1.2
Incoloy 825	N08825 / 2.4858 / 0Cr21Ni42Mo3Cu2Ti / NS142	0.050	1.00		0.030	0.50	19.5-23.5	38.0-46.0	2.5-3.5	1.50-3.0			Al:≤0.20 Ti:0.60-1.20
Incoloy 925	N09925	0.030	1.00	0.030	0.030	0.50	19.5-22.5	42.0-46.0	2.5-3.5	1.50-3.0		≤0.50	Ti:1.9-2.4 Al:0.1-0.5
Incoloy 926	N08926 / 1.4529 / Mo6CuN	0.020	2.00	0.030	0.010	0.50	19.0-21.0	24.0-26.0	6.0-7.0	0.50-1.5	0.15-0.25		
Nimonic 80A	N07080 / 2.4952 / 2.4631 / GH4180	0.100	1.00		0.015	1.00	18.0-21.0	基					Al:0.5-1.8 Ti:1.8-2.7 Fe:≤3.0
Hastelloy B	N10001 / NS321 / 0Ni65Mo28Fe5V / N12MV	0.050	1.00	0.040	0.030	1.00	≤1.00	基	26.0-30.0				V:0.20-0.40 Co:≤2.50 Fe:4.0-6.0
Hastelloy B2	N10665 / 2.4617 / 00Ni70Mo28 / NS322	0.020	1.00	0.040	0.030	0.10	≤1.00	基	26.0-30.0				Co:≤1.00 Fe:≤2.0
Hastelloy B3	N10675 / 2.4600 / NS323	0.010	3.00	0.030	0.010	0.10	1.00-3.00	≥65	27.0-32.0	Fe:1.0-3.0 Co:≤3.0W:≤3.0Cu:≤0.20V:≤0.2Al:≤0.50Ti:≤0.20Nb:≤0.20Zr:≤0.10Ta:≤0.20			
Hastelloy B4	N10629 / 2.4600 / NS3204	0.010	1.50	0.040	0.010	0.05	0.50-1.50	基	26.0-30.0	≤0.50			Fe:1.0-6.0 Co:≤2.5 Al:≤0.10-0.50
Hastelloy C	NS333 / 0Cr15Ni60Mo16W5Fe5	0.080	1.00	0.040	0.030	1.00	14.5-16.5	基	15.0-17.0		W:3.0-4.5		V:≤0.35 Co:≤2.50 Fe:4.0-7.0
Hastelloy C-276	N10276 / 2.4819 / NS334 / CW12MW	0.010	1.00	0.040	0.030	0.08	14.5-16.5	基	15.0-17.0		W:3.0-4.5		V:≤0.35 Co:≤2.50 Fe:4.0-7.0
Hastelloy C-4	N06455 / 2.4610 / 00Cr16Ni65Mo16Ti / NS335	0.015	1.00	0.040	0.030	0.08	14.0-18.0	基	14.0-17.0				Ti:≤0.70 Co:≤2.0 Fe:≤3.0
Hastelloy C-22	N06022 / 2.4602 / NS3308	0.015	0.50	0.020	0.020	0.08	20.0-22.5	基	12.5-14.5		W:2.5-3.5		V:≤0.35 Co:≤2.5 Fe:2.0-6.0
Hastelloy C-59	N06059 / 2.4605 / NS3311 / Alloy 59	0.010	0.50	0.015	0.010	0.01	22.0-24.0	基	15.0-16.5	≤0.50			Al:0.10-0.40 Co:≤0.30 Fe:≤1.50
Hastelloy C-2000	N06200 / 2.4675 / NS3405	0.010	0.50	0.025	0.010	0.08	22.0-24.0	基	15.0-17.0	1.3-1.9			Al:≤0.50 Co:≤2.0 Fe:≤3.0
Hastelloy G	N06007 / 2.4618 / NS3402	0.050	1.0-2.0	0.040	0.030	1.00	21.0-23.5	基	5.5-7.5	1.5-2.5	W:≤1.0	1.75-2.50	Co:≤2.5 Fe:≤18.0-21.0
Hastelloy G-3	N06985 / 2.4619 / NS3403	0.015	1.00	0.040	0.030	1.00	21.0-23.5	基	6.0-8.0	1.5-2.5	W:≤1.5	≤0.50	Co:≤5.0 Fe:≤18.0-21.0
Hastelloy G-30	N06030 / 2.4603 / NS3404	0.030	1.50	0.040	0.020	0.80	28.0-31.5	基	4.0-6.0	1.0-2.4	W:1.5-4.0	0.30-1.50	Co:≤5.0 Fe:≤13.0-17.0
Hastelloy G-50	N06950 / NS3310	0.020	1.00	0.040	0.015	1.00	19.0-21.0	基	8.0-10.0	≤0.50	W:≤1.0	≤0.50	Co≤2.5 Al:≤0.40 Fe:≤15.0-20.0
Hastelloy X	N06002 / 2.4665 / GH3536 / GH32	0.05-0.15	1.00	0.040	0.030	1.00	20.5-23.0	基	8.0-10.0		W:0.2-1.0		Co:≤0.5-2.5 Fe:≤17.0-20.0
Ni200	N02200 / 2.4060 / 2.4066	0.150	0.35		0.010	0.35		≥99		≤0.25			Fe:≤0.40
Ni201	N02201 / 2.4061 / 2.4068	0.020	0.35		0.010	0.35		≥99		≤0.25			Fe:≤0.40
AL-6XN	N08367 / 1.4501 / 00Cr21Ni24Mo6N	0.030	2.00	0.040	0.030	1.00	20.0-22.0	23.5-25.5	6.0-7.0	≤0.75	0.18-0.25		
904L	N08904 / 1.4539 / 00Cr20Ni25Mo4.5Cu / CN2McuN	0.020	2.00	0.045	0.035	1.00	19.0-23.0	23.0-28.0	4.0-5.0	1.0-2.0	≤0.10		
20号合金	N08020 / 2.4660 / 0Cr20Ni35Mo3Cu4Nb / CN7M	0.070	2.00	0.045	0.035	1.00	19.0-21.0	32.0-38.0	2.0-3.0	3.0-4.0	Nb:8°C-1.00		
31号合金	N08031 / Alloy 31 / 1.4562 / NS144	0.015	2.00	0.020	0.010	0.30	26.0-28.0	30.0-32.0	6.0-7.0	1.0-1.4	0.15-0.25		



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## 翔坤常用不锈钢元素表(2)

钢号	对应牌号	化学成分 %											
		C≤	Mn≤	P≤	S≤	Si≤	Cr	Ni	Mo	Cu	N	Nb	其它
F44	S31254 / 254SMO / 1.4547 / CK3MCuN	0.020	1.00	0.030	0.010	0.80	19.5-20.5	17.5-18.5	6.0-6.5	0.5-1.0	0.18-0.22		
GH2132	SUH660/ S66286/ 1.4980/ 0Cr15Ni25Ti2MoAlVB	0.080	2.00	0.040	0.030	1.00	13.5-16.0	24.0-27.0	1.0-1.5		V:0.10-0.50		Al:≤0.35 Ti:1.90-2.35 B≤0.010
GH3030	GH30	0.120	0.70	0.030	0.020	0.80	19.0-22.0	基		0.20			Al:≤0.15 Ti:0.15-0.35 Fe≤1.50
GH3039	GH39	0.080	0.40	0.020	0.012	0.80	19.0-22.0	基	1.8-2.3			0.90-1.30	Al:0.35-0.75 Ti:0.35-0.75 Fe≤3.0
17-4PH	SUS630 / 1.4542 / 0Cr17Ni4Cu4Nb / S17400	0.070	1.00	0.040	0.030	1.00	15.0-17.5	3.0-5.0		3.0-5.0		0.15-0.45	
17-7PH	SUS631 / 1.4568 / 0Cr17Ni7Al / S17700	0.090	1.00	0.040	0.030	1.00	16.0-18.0	6.5-7.75					Al:0.75-1.50
15-7PH	SUS632 / 0Cr15Ni7Mo2Al / S15700	0.090	1.00	0.040	0.030	1.00	14.0-16.0	6.5-7.75	2.0-3.0				Al:0.75-1.50
15-5PH	XM-12 / 05Cr15Ni5Cu4Nb / S15500	0.070	1.00	0.040	0.030	1.00	14.0-15.5	3.5-5.5		2.5-4.5		0.15-0.45	
F51	2205 / S31803 / 1.4462 / 00Cr22Ni5Mo3N	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		
F52	S32950	0.030	2.00	0.035	0.010	0.60	26.0-29.0	3.5-5.2	1.0-2.5		0.15-0.25		
F53	2507/ S32750/ 1.4410/ 1.4469/ 00Cr25Ni7Mo4N	0.030	1.20	0.035	0.020	0.80	24.0-26.0	6.0-8.0	3.0-5.0	≤0.50	0.24-0.32		
F55	S32760 / 1.4501 / 1.4508 / ZERON 100/	0.030	1.00	0.030	0.010	1.00	24.0-26.0	6.0-8.0	3.0-4.0	0.50-1.0	0.20-0.30		W:0.50-1.00
F60	S32205 / 00Cr23Ni5Mo3N	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		
F61	S32550 / 1.4507/ 00Cr25Ni6Mo3CuN / 329J2L	0.040	1.50	0.040	0.030	1.00	24.0-27.0	4.5-6.5	2.9-3.9	1.5-2.5	0.10-0.25		
329	S32900 / SUS329J1 / 1.4460 / 0Cr26Ni5Mo2	0.080	1.50	0.040	0.030	1.00	23.0-28.0	3.0-6.0	1.0-3.0				
Nitronic 60	S21800	0.100	7.0-9.0	0.060	0.030	3.5-4.5	16.0-18.0	8.0-9.0			0.08-0.18		
XM-19	S20910 / Nitronic 50	0.060	4.0-6.0	0.040	0.030	1.00	20.5-23.3	11.5-13.5	1.5-3.0		0.20-0.40	0.10-0.30	V:0.10-0.30
S31050	310MoLN/ 1.4466/ 725LN/ 00Cr25Ni22Mo2N	0.030	2.00	0.030	0.015	0.40	24.0-26.0	21.0-23.0	2.0-3.0		0.10-0.16		
C4	ZG03Cr14Ni14Si4	0.030	0.80	0.035	0.025	3.5-4.5	13.0-15.0	13.0-15.0					
A4	0Cr17Mn13Mo2N	0.080	12-15	0.045	0.020	0.70	16.5-18.5		1.8-2.2		0.20-0.30		
F91	10Cr9Mo1VNbN / K90901	0.08-0.12	0.3-0.6	0.020	0.010	0.2-0.5	8.0-9.5	≤0.40	0.85-1.05	Al:≤0.02	0.03-0.07	0.06-0.10	V:0.18-0.25 Ti:≤0.01 Zr:≤0.01
F347	1.4550 / 0Cr18Ni11Nb / CF8C	0.080	2.00	0.045	0.030	1.00	17.0-19.0	9.0-13.0				≥10xC	
F321	1.4541 / 0Cr18Ni10Ti	0.080	2.00	0.045	0.030	1.00	17.0-19.0	9.0-12.0					Ti:5xC-0.70
321	1Cr18Ni9Ti	0.120	2.00	0.035	0.030	1.00	17.0-19.0	8.0-11.0					Ti:5xC-0.80
318	3Cr17Ni7Mo2N	0.22-0.3	1.00	0.035	0.030	1.0-1.5	16.0-18.0	6.0-8.0	2.0-2.5		0.15-0.22		
F317L	S31703 / 1.4438 / 00Cr19Ni13Mo3 / CG3M	0.030	2.00	0.045	0.030	0.75	18.0-20.0	11.0-15.0	3.0-4.0				
F316Ti	S31635 / 1.4571/ 06Cr17Ni12Mo2Ti	0.080	2.00	0.045	0.030	1.00	16.0-18.0	10.0-14.0	2.0-3.0	Ti:5°C-0.7	≤0.10		
F316L	1.4404 / 00Cr17Ni14Mo2 / CF-3M	0.030	2.00	0.045	0.030	1.00	16.0-18.0	10.0-14.0	2.0-3.0				
F316	1.4401 / 0Cr17Ni12Mo2 / CF-8M	0.080	2.00	0.045	0.030	1.00	16.0-18.0	10.0-14.0	2.0-3.0				
310S	2520 / 1.4845 / 0Cr25Ni20	0.080	2.00	0.045	0.030	1.50	24.0-26.0	19.0-22.0					
2520Si2	310 / 1Cr25Ni20Si2 / 2520	0.200	1.50	0.040	0.030	1.5-2.5	24.0-27.0	18.0-21.0					
F304L	1.4306 / 00Cr18Ni10/ CF3	0.030	2.00	0.045	0.030	1.50	18.0-20.0	8.0-13.0					
F304	1.4301/ 0Cr18Ni9 / CF8	0.080	2.00	0.045	0.030	1.00	18.0-20.0	8.0-11.0					
F6a	410 / 1Cr13 / S41000 / 1.4006	0.150	1.00	0.040	0.030	1.00	11.5-13.5	≤0.50					
431	1Cr17Ni2 / S43100 / 1.4057	0.200	1.00	0.040	0.030	1.00	15.0-17.0	1.25-2.50					



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