



Nickel Alloy Seamless Pipe & Tube



Overview

As a leading Chinese nickel alloy pipe supplier, Rahul Ferrometal manufactures and produces different sizes of nickel alloy seamless pipes & tubes. Nickel alloy seamless pipe & tube is a kind of pipe or tube without weld seam. So its leakproofness and high pressure resistance is more better than that of nickel alloy welding pipe & tube. Nickel alloy has excellent corrosion resistance and high temperature resistance. So if your project demand to work in the special or extreme environment, our nickel alloy seamless pipe & tube is **Rahul best choice Ferrometal suoolies** different nickel alloy grades: Monel(400, 401, K-500, etc), Inconel(600, 601, 625, 718, etc), Incoloy(800, 825, A-286, etc) and Hastelloy(B-2, C-22, C-276, etc). The outer diameter of our nickel alloy seamless pipe & tube ranges from 3mm to 600mm. Customized size is also available.

Our products have higher quality and lower price. Our sales are more professional and responsible. Please don't hesitate to contact us!

Specifications

- Outer Diameter: $\Phi 3 - \Phi 600\text{mm}$
- Wall Thickness: 0.5 - 30mm
- Length $\leq 12000\text{mm}$
- Customized size please confirm with us

Standards

ASTM B161, ASTM B163, ASTM B165, ASTM B167, ASTM B407, ASTM B423, ASTM B444, ASTM B535, ASTM B622, ASTM B677, ASTM B690, ASTM B729, ASTM B829, ASTM B983

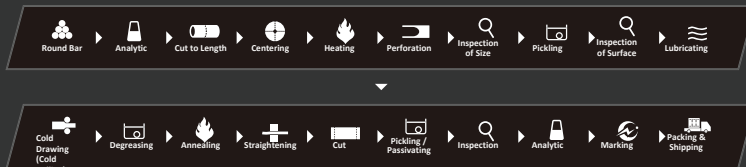
Features

Excellent high temperature resistance, corrosion resistance and high strength performance. It is suitable for strong acid and alkali and high temperature environment under harsh conditions.

Applications

Petroleum, chemical industry, high pressure boiler, nuclear power, aviation, marine engineering, environmental protection engineering.

Manufacturing Process



Drawing & Formula



Formula: $m = (OD - THK) \times THK \text{ (mm)} \times L \text{ (m)} \times \rho \text{ (g/cm}^3\text{)} \times \pi \div 1000$
 OD = Outer Diameter, THK = Wall Thickness, L = Length
 ρ = Density, $\pi = 3.1415926\dots$

Size Range

Nominal Pipe Size		Outside Diameter		Nominal Wall Thickness														
NPS	DN	OD	SCH5/SS	SCH10S	SCH10	SCH20	SCH30	SCH40S	SCH40	SCH60	SCH80S/XS	SCH80	SCH100	SCH120	SCH140	SCH160	XXS	
1/8	6	10.3	-	1.24	1.24	-	1.45	1.73	1.73	-	2.41	2.41	-	-	-	3.15	4.83	
1/4	8	13.7	-	1.65	1.65	-	1.85	2.24	2.24	-	3.02	3.02	-	-	-	3.68	6.05	
3/8	10	17.1	-	1.65	1.65	-	1.85	2.31	2.31	-	3.2	3.2	-	-	-	4.01	6.40	
1/2	15	21.3	1.65	2.11	2.11	-	2.41	2.77	2.77	-	3.73	3.73	-	-	-	4.78	7.47	
3/4	20	26.7	1.65	2.11	2.11	-	2.41	2.87	2.87	-	3.91	3.91	-	-	-	5.56	7.82	
1	25	33.4	1.65	2.77	2.77	-	2.90	3.38	3.38	-	4.55	4.55	-	-	-	6.35	9.09	
5/4	32	42.2	1.65	2.77	2.77	-	2.97	3.56	3.56	-	4.85	4.85	-	-	-	6.35	9.7	
3/2	40	48.3	1.65	2.77	2.77	-	3.18	3.68	3.68	-	5.08	5.08	-	-	-	7.14	10.15	
2	50	60.3	1.65	2.77	2.77	-	3.18	3.91	3.91	-	5.54	5.54	-	-	-	8.74	11.07	
5/2	65	73	2.11	3.05	3.05	-	4.78	5.16	5.16	-	7.01	7.01	-	-	-	9.53	14.02	
3	80	88.9	2.11	3.05	3.05	-	4.78	5.49	5.49	-	7.62	7.62	-	-	-	11.13	15.24	
7/2	90	101.6	2.11	3.05	3.05	-	4.78	5.74	5.74	-	8.08	8.08	-	-	-	-	-	
4	100	114.3	2.11	3.05	3.05	-	4.78	6.02	6.02	-	8.56	8.56	-	11.13	-	13.49	17.12	
5	125	141.3	2.77	3.40	3.40	-	-	6.55	6.55	-	9.53	9.53	-	12.7	-	15.88	19.05	
6	150	168.3	2.77	3.40	3.40	-	-	7.11	7.11	-	10.97	10.97	-	14.27	-	18.26	21.95	
8	200	219.1	2.77	3.76	3.76	6.35	7.04	8.18	8.18	10.31	12.7	12.7	15.09	18.26	20.62	23.01	22.23	
10	250	273.1	3.4	4.19	4.19	6.35	7.8	9.27	9.27	12.7	12.7	15.09	18.26	21.44	25.4	28.58	25.4	
12	300	323.9	3.96	4.57	4.57	6.35	8.38	9.53	10.31	14.27	12.7	17.48	21.44	25.4	28.58	33.32	25.4	

NPS	DN	OD	SCH5/SS	SCH10S	SCH10	SCH20	SCH30	SCH40S/STD	SCH40	SCH60	SCH80S/XS	SCH80	SCH100	SCH120	SCH140	SCH160	XXS
14	350	355.6	3.96	4.78	6.35	7.92	9.53	9.53	11.13	15.09	12.7	19.05	23.83	27.79	31.75	35.71	-
16	400	406.4	4.19	4.78	6.35	7.92	9.53	9.53	12.7	16.66	12.7	21.44	26.19	30.96	36.53	40.49	-
18	450	457.2	4.19	4.78	6.35	7.92	11.13	9.53	14.27	19.05	12.7	23.83	29.36	34.93	39.67	45.24	-
20	500	508	4.78	5.54	6.35	9.53	12.7	9.53	15.09	20.62	12.7	26.19	32.54	38.1	44.45	50.01	-
22	550	559	4.78	5.54	6.35	9.53	12.7	9.53	-	22.23	12.7	28.58	34.93	41.28	47.63	53.98	-
24	600	610	5.54	6.35	6.35	9.53	14.27	9.53	17.48	24.61	12.7	30.96	38.89	46.02	52.37	59.54	-
26	650	660	-	-	7.92	12.7	-	9.53	-	-	12.7	-	-	-	-	-	-
28	700	711	-	-	7.92	12.7	15.88	9.53	-	-	12.7	-	-	-	-	-	-
30	750	762	6.35	7.92	7.92	12.7	15.88	9.53	-	-	12.7	-	-	-	-	-	-
32	800	813	-	-	7.92	12.7	15.88	9.53	17.48	-	12.7	-	-	-	-	-	-
34	850	864	-	-	7.92	12.7	15.88	9.53	17.48	-	12.7	-	-	-	-	-	-
36	900	914	-	-	7.92	12.7	15.88	9.53	19.05	-	12.7	-	-	-	-	-	-
38	950	965	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
40	1000	1016	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
42	1050	1067	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
44	1100	1118	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
46	1150	1168	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
48	1200	1219	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
52	1300	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	1400	1422	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	1500	1524	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NPS	DN	OD	SCH5/ SS	SCH10S	SCH10	SCH20	SCH30	SCH40S/ STD	SCH40	SCH60	SCH80S/XS	SCH80	SCH100	SCH120	SCH140	SCH160	XXS
64	1600	1626	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
68	1700	1727	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72	1800	1829	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76	1900	1930	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	2000	2032	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
*Customized size please confirm with us																	

Delivery State

Delivery State Choice	Surface Condition
Cold Rolled / Cold Drawn + Solution Treated	Pickled
	Polished
	Sand Blasted
Cold Rolled / Cold Drawn + Solution Treated + Aging Treated	Pickled
	Polished
	Sand Blasted
Note: 1. If you require different deliver state than the above listed, kindly confirm with us. 2. In case of any enquiry or order, please kindly let us know any extra requirement not indicated here.	

Package



Plastic Bag



Wooden Case

At Rahul Ferrometal, our nickel alloy seamless pipe packed tightly as per international standard to prevent any possible damage. By default we will use thick woven plastic bags to bundle several pieces together (always one bundle ≤1500KGs). However, for those tube pipes that are susceptible to dirt pollution, scraping, stress or man- handling damages, we suggest wooden case for protection. Please be kindly noted that wooden case can incur extra cost by its own, and at times can increase the freight, which is especially remarkable for air transportation. For enhanced user experience we will pack as per your diverged requirements.

Logistics



By Sea



By Air

Sea transportation is the most popular for most orders, hence regarded as the default transportation mode. Accordingly, quotation is thus made as per FOB, CFR, CIF etc... For urgent demand, we can also offer as per air transportation.

FAQ

Q

What is the standard length? Can we cut the tubes into small lengths?

A

For most overseas orders, the standard length is 1m or 6m. We can also make length at 12m or 24m as per your requirement. We can cut the length into required length, but this can incur extra cost. In case of order, please also specify the required cutting method. We provide laser cutting, plasma cutting and waterjet cutting for your options.

Q

Can you do polishing on nickel alloy seamless tube pipes?

A

Yes, polished surface is available for nickel alloy seamless tube pipes, like simple rough polishing. We can also do enhanced polishing like 240 and 320 grit as per your demand. By default, pickled finish is the most common as shown by many of our photos.

Q

Do you have nickel alloy pipe fittings for match?

A

Yes, we have nickel alloy elbows, flanges, reducers etc. For more details, please refer to our products.

Q

Where's your main market?

A

South / North America, East Asia, Middle-East, Europe and so on.

Q

What will you use for package?

A

By default, we will use thick woven plastic bags for package. We can also do customized package like wooden case as per your demand. You can also refer to our photos for better understanding.



Nickel Alloy
Welded Pipe & Tube



Overview

As a leading nickel alloy pipes & tubes supplier, Rahul Ferrometal produces and manufactures a wide range of nickel alloy welded pipe & tube. Nickel alloy welded pipe & tube is a kind of nickel alloy pipe or tube formed by bending and welding the nickel alloy strip or nickel alloy plate, so the quality of raw materials is very important and decisive. We choose the good type of raw materials from big factory and use the most advanced splitting and welding technology to manufacture every nickel alloy welded pipe & tube. If you need solution annealed nickel alloy welded pipe or tube to meet the higher demand, we can also anneal the pipe or tube with our online solid solution equipment. Rahul Ferrometal supplies different nickel alloy grades: Monel(400, 401, K-500, etc), Inconel(600, 601, 625, 718, etc), Incoloy(800, 825, A-286, etc) and Hastelloy(B-2, C-22, C-276, etc). The outer diameter of our nickel alloy welded pipe & tube ranges from 6mm to 200mm. Customized size is also available. Our products have higher quality and lower price. Our sales are more professional and responsible. Please don't hesitate to contact us!

Specifiation

- Outer Diameter: Ø6 - Ø200mm
- Wall Thickness: 0.35 - 8.00mm
- Length < 12000mm
- *Customized size please confirm with us

Standards

ASTM B464, ASTM B464M, ASTM B468, ASTM B514, ASTM B515, ASTM B516, ASTM B517, ASTM B619, ASTM B619M, ASTM B626, ASTM B673, ASTM B674, ASTM B675, ASTM B676, ASTM B704, ASTM B705, ASTM B710, ASTM B725, ASTM B751, ASTM B775

Features

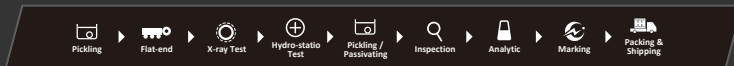
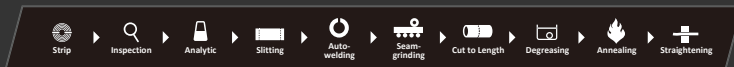
Excellent high temperature resistance, corrosion resistance. Standard roundness and smooth surface. The weld seam of the nickel alloy welded pipe & tube has been finely polished.

Applications

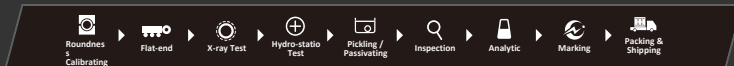
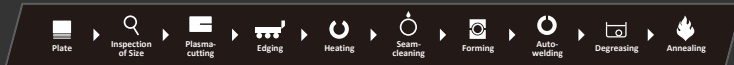
Petrochemical, oil and gas exploitation, flue gas desulfurization, seawater desalination, water treatment, non-ferrous metal smelting, chemical industry, papermaking, heating cables, etc.

Manufacturing Process

Welded Tube



Welded Pipe



Size Range

Nominal Pipe Size		Outside Diameter		Nominal Wall Thickness														
NPS	DN	OD	SCH5/SS	SCH10S	SCH10	SCH20	SCH30	SCH40S/STD	SCH40	SCH60	SCH80S/XS	SCH80	SCH100	SCH120	SCH140	SCH160	XXS	
1/8	6	10.3	-	1.24	1.24	-	1.45	1.73	1.73	-	2.41	2.41	-	-	-	3.15	4.83	
1/4	8	13.7	-	1.65	1.65	-	1.85	2.24	2.24	-	3.02	3.02	-	-	-	3.68	6.05	
3/8	10	17.1	-	1.65	1.65	-	1.85	2.31	2.31	-	3.2	3.2	-	-	-	4.01	6.40	
1/2	15	21.3	1.65	2.11	2.11	-	2.41	2.77	2.77	-	3.73	3.73	-	-	-	4.78	7.47	
3/4	20	26.7	1.65	2.11	2.11	-	2.41	2.87	2.87	-	3.91	3.91	-	-	-	5.56	7.82	
1	25	33.4	1.65	2.77	2.77	-	2.90	3.38	3.38	-	4.55	4.55	-	-	-	6.35	9.09	
5/4	32	42.2	1.65	2.77	2.77	-	2.97	3.56	3.56	-	4.85	4.85	-	-	-	6.35	9.7	
3/2	40	48.3	1.65	2.77	2.77	-	3.18	3.68	3.68	-	5.08	5.08	-	-	-	7.14	10.15	
2	50	60.3	1.65	2.77	2.77	-	3.18	3.91	3.91	-	5.54	5.54	-	-	-	8.74	11.07	
5/2	65	73	2.11	3.05	3.05	-	4.78	5.16	5.16	-	7.01	7.01	-	-	-	9.53	14.02	
3	80	88.9	2.11	3.05	3.05	-	4.78	5.49	5.49	-	7.62	7.62	-	-	-	11.13	15.24	
7/2	90	101.6	2.11	3.05	3.05	-	4.78	5.74	5.74	-	8.08	8.08	-	-	-	-	-	
4	100	114.3	2.11	3.05	3.05	-	4.78	6.02	6.02	-	8.56	8.56	-	11.13	-	13.49	17.12	
5	125	141.3	2.77	3.40	3.40	-	-	6.55	6.55	-	9.53	9.53	-	12.7	-	15.88	19.05	
6	150	168.3	2.77	3.40	3.40	-	-	7.11	7.11	-	10.97	10.97	-	14.27	-	18.26	21.95	
8	200	219.1	2.77	3.76	3.76	6.35	7.04	8.18	8.18	10.31	12.7	12.7	15.09	18.26	20.62	23.01	22.23	
10	250	273.1	3.4	4.19	4.19	6.35	7.8	9.27	9.27	12.7	12.7	15.09	18.26	21.44	25.4	28.58	25.4	
12	300	323.9	3.96	4.57	4.57	6.35	8.38	9.53	10.31	14.27	12.7	17.48	21.44	25.4	28.58	33.32	25.4	

NPS	DN	OD	SCH5/SS	SCH10S	SCH10	SCH20	SCH30	SCH40S/STD	SCH40	SCH60	SCH80S/XS	SCH80	SCH100	SCH120	SCH140	SCH160	XXS
14	350	355.6	3.96	4.78	6.35	7.92	9.53	9.53	11.13	15.09	12.7	19.05	23.83	27.79	31.75	35.71	-
16	400	406.4	4.19	4.78	6.35	7.92	9.53	9.53	12.7	16.66	12.7	21.44	26.19	30.96	36.53	40.49	-
18	450	457.2	4.19	4.78	6.35	7.92	11.13	9.53	14.27	19.05	12.7	23.83	29.36	34.93	39.67	45.24	-
20	500	508	4.78	5.54	6.35	9.53	12.7	9.53	15.09	20.62	12.7	26.19	32.54	38.1	44.45	50.01	-
22	550	559	4.78	5.54	6.35	9.53	12.7	9.53	-	22.23	12.7	28.58	34.93	41.28	47.63	53.98	-
24	600	610	5.54	6.35	6.35	9.53	14.27	9.53	17.48	24.61	12.7	30.96	38.89	46.02	52.37	59.54	-
26	650	660	-	-	7.92	12.7	-	9.53	-	-	12.7	-	-	-	-	-	-
28	700	711	-	-	7.92	12.7	15.88	9.53	-	-	12.7	-	-	-	-	-	-
30	750	762	6.35	7.92	7.92	12.7	15.88	9.53	-	-	12.7	-	-	-	-	-	-
32	800	813	-	-	7.92	12.7	15.88	9.53	17.48	-	12.7	-	-	-	-	-	-
34	850	864	-	-	7.92	12.7	15.88	9.53	17.48	-	12.7	-	-	-	-	-	-
36	900	914	-	-	7.92	12.7	15.88	9.53	19.05	-	12.7	-	-	-	-	-	-
38	950	965	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
40	1000	1016	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
42	1050	1067	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
44	1100	1118	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
46	1150	1168	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
48	1200	1219	-	-	-	-	-	9.53	-	-	12.7	-	-	-	-	-	-
52	1300	1321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	1400	1422	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	1500	1524	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NPS	DN	OD	SCH5/ SS	SCH10S	SCH10	SCH20	SCH30	SCH40S/ STD	SCH40	SCH60	SCH80S/XS	SCH80	SCH100	SCH120	SCH140	SCH160	XXS
64	1600	1626	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
68	1700	1727	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72	1800	1829	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76	1900	1930	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	2000	2032	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
*Customized size please confirm with us																	

Delivery State

Delivery State Choice	Surface Condition
Welded / Cold Rolled + Solution Treated	Pickled
	Polished
	Sand Blasted
Welded / Cold Rolled + Solution Treated + Aging Treated	Pickled
	Polished
	Sand Blasted
Note: 1. If you require different deliver state than the above listed, kindly confirm with us. 2. In case of any enquiry or order, please kindly let us know any extra requirement not indicated here.	

Package



Plastic Bag



Wooden Case

At Rahul Ferrometal, our nickel alloy seamless pipe packed tightly as per international standard to prevent any possible damage. By default we will use thick woven plastic bags to bundle several pieces together (always one bundle ≤1500KGs). However, for those tube pipes that are susceptible to dirt pollution, scraping, stress or man- handling damages, we suggest wooden case for protection. Please be kindly noted that wooden case can incur extra cost by its own, and at times can increase the freight, which is especially remarkable for air transportation. For enhanced user experience, we will pack as per your diverged requirements

Logistics



By Sea



By Air

Sea transportation is the most popular for most orders, hence regarded as the default transportation mode. Accordingly, quotation is thus made as per FOB, CFR, CIF etc.. For urgent demand, we can also offer as per air transportation.

FAQ

Q What about the finish of the nickel alloy welded pipe & tube?

For industrial applications, our nickel alloy welded pipes & tubes are No.1 finish or pickled finish. We can also produce polished nickel alloy welded pipes or tubes according to your requirements, such as 320#, 400#, 600# or mirror polished. If you need to inquire or order, please also tell us the degree of polishing, including internal polishing, external polishing or internal and external polishing.

Q What is the standard length? Can we cut the tubes into small lengths?

For most overseas orders, the standard length is 5.8 m or 6m. We can also make length at 12 m or 13m as per your requirement. We can cut the length into required length, but this can incur extra cost. In case of order, please also specify the required cutting method. We provide laser cutting, plasma cutting and waterjet cutting for your options.

Q Do you have nickel alloy pipe fittings for match?

Yes, we have nickel alloy elbows, flanges, reducers etc. For more details, please refer to our products.

Q What will you use for package?

By default, we will use thick woven plastic bags for package. We can also do customized package like wooden case as per your demand. You can also refer to our photos for better understanding.

Q Where's your main market?

South / North America, East Asia, Middle-East, Europe and so on.

Q How long is your delivery time?

Generally, it takes ten weeks to order nickel alloy welded pipes for less than two cabinets. But the delivery time may also be affected by other factors such as special materials, special sizes, large quantities of the product itself or force majeure.



Nickel Alloy Capillary Tube

Features

Excellent flexibility, corrosion resistance, heat resistance, durability, good tensile properties, water resistance and good electromagnetic shielding performance. f precise size, strict tolerance range, flexible polishing process.



Overview

As a Chinese leading nickel alloy supplier, Rahul Ferrometal produces and manufactures precise nickel alloy capillary tube. Nickel alloy capillary tube is a kind of alloy tube with smaller size and higher process difficulty. It is made of nickel alloy coil tube straightened and polished. Nickel alloy capillary tubes are suitable for use in some products that require high corrosion resistance and have a more precise internal structure. In terms of manufacturing process, we can provide seamless nickel alloy capillary tube and welded nickel alloy capillary tube. In the polishing process, we can provide MP, EP, BA, AP and other technologies to meet your different needs. The nickel alloy capillary tubes we produce have beautiful appearance, strict dimensional tolerances and suitable conditions.

Rahul Ferrometal supplies different nickel alloy grades: Monel(400, 401, K-500, etc), Inconel(600, 601, 625, 718, etc), Incoloy(800, 825, A-286, etc) and Hastelloy(B-2, C-22, C-276, etc). The outer diameter of our nickel alloy capillary tube ranges from 0.4mm to 16mm. Customized size is also available. Our products have higher quality and lower price. Our sales are more professional and responsible. Please don't hesitate to contact us!

Specifications

- Outer Diameter: $\Phi 0.4 - \Phi 16\text{mm}$
- Wall Thickness: 0.1 - 3.0mm
- Length $\leq 12000\text{mm}$
- Customized size please confirm with us

Standards

ASTM B161, ASTM B163, ASTM B165, ASTM B167, ASTM B407, ASTM B423, ASTM B444, ASTM B468, ASTM B515, ASTM B516, ASTM B535, ASTM B622, ASTM B626, ASTM B674, ASTM B676, ASTM B677, ASTM B690, ASTM B704, ASTM B729, ASTM B751, ASTM B829, ASTM B983

Applications

1. Pallets, frames and fixtures used in heat treatment plants 2. Steel wire split annealing and shoot tube, high-speed gas burner, wire mesh belt in industrial furnace 3. Isolation tank in nitrogen reforming and catalytic support grid in nitric acid manufacturing 4. Exhaust system components 5. Combustion chamber of solid waste incinerator 6. Pipe support and soot handling parts 7. Exhaust gas detoxification system components 8. Oxygen reheater

Manufacturing Process

Welded



Seamless



Size Range

Size	Size	Size	Size	Size
0.4*0.11	1.3*0.15	2.1*0.7	3.5*0.25	5.0*1.0
0.5*0.15	1.3*0.3	2.2*0.2	3.5*0.5	5.0*1.5
0.6*0.15	1.4*0.15	2.2*0.3	3.5*1.0	5.5*0.2
0.63*0.15	1.4*0.2	2.2*0.6	3.5*1.2	6.0*1.5
0.7*0.15	1.4*0.25	2.2*0.8	3.7*0.2	6.0*0.8
0.8*0.125	1.45*0.1	2.3*0.2	3.7*0.25	6.0*2.0
0.8*0.15	1.5*0.125	2.3*0.25	3.8*0.2	6.35*0.3
0.9*0.15	1.6*0.15	2.5*0.18	3.8*0.25	6.35*0.35
1.0*0.1	1.6*0.2	2.5*0.2	4.0*0.2	6.35*0.5
1.0*0.125	1.6*0.25	2.5*0.25	4.0*0.25	6.35*0.7
1.0*0.135	1.6*0.3	2.5*0.3	4.0*0.35	6.35*0.8
1.0*0.15	1.6*0.4	2.5*0.4	4.0*0.4	6.35*1.25
1.0*0.16	1.7*0.15	2.5*0.5	4.0*0.5	6.35*1.65
1.1*0.115	1.7*0.25	2.5*0.55	4.0*0.7	6.35*1.8
1.1*0.12	1.8*0.11	2.5*0.75	4.0*1.0	6.35*0.89
1.1*0.125	1.8*0.125	2.5*0.8	4.2*0.25	6.35*1.24
1.1*0.135	1.8*0.15	2.55*0.13	4.4*0.25	6.35*1.65
1.1*0.14	1.8*0.2	2.55*0.8	4.4*0.4	6.5*0.3
1.1*0.15	2.0*0.125	2.6*0.2	4.5*0.2	6.5*0.4

1.1*0.2	2.0*0.15	2.8*0.2	4.5*0.25	6.5*0.5
1.2*0.1	2.0*0.2	3.0*0.15	4.5*0.3	6.5*0.6
1.2*0.125	2.0*0.25	3.0*0.2	4.5*0.5	7.0*0.2
1.2*0.135	2.0*0.3	3.0*0.25	4.5*1.0	7.0*0.3
1.2*0.15	2.0*0.4	3.0*0.3	4.7*1.0	7.0*0.5
1.2*0.2	2.0*0.5	3.0*0.5	5.0*0.2	7.0*1.0
1.3*0.1	2.0*0.7	3.2*0.2	5.0*0.25	8.0*0.2
1.3*0.11	2.1*0.5	3.2*0.5	5.0*0.3	8.0*0.5
1.3*0.12	2.1*0.55	3.4*0.2	5.0*0.35	9.52*0.89
1.3*0.125	2.1*0.65	3.5*0.2	5.0*0.5	

Delivery State

Delivery State Choice	Surface Condition
AP: Annealed and Pickled	Pickled
MP: Mechanically Polished	Polished
BA: Bright Annealed	Bright
EP: Electro-Polished	Polished

Note: 1. If you require different deliver state than the above listed, kindly confirm with us.
2. In case of any enquiry or order, please kindly let us know any extra requirement not indicated here.

FAQ

Q

How many delivery states are there for nickel alloy capillary tubes?

We have four delivery states for you to choose from: Annealing & Pickling (AP), Mechanical Polishing (MP), Bright Annealing (BA) and Electrolytic Polishing (EP).

A

Q

What is the standard packaging of EP tube?

For our EP nickel alloy capillary tubes, both ends of the finished tube are protected by PA membranes and rubber tube caps. We will further protect these tubes with anti-static bags. Finally, we put it into a wooden box for packaging.

A

Q

Where is your main market?

South / North America, East Asia, Middle-East, Europe and so on.

A

Q

Can you provide samples for quality inspection?

Yes, samples of small and medium batches (common sizes and materials) can be provided free of charge in the preliminary inventory. however, the shipping costs shall be borne by you.

A

Q

What are the common capillary tubes?

The BA and EP capillary tubes are the most popular tubes at home and abroad. Common materials are: Monel 400, Monel K-500, Inconel 600, Inconel 625, Inconel 718, Incoloy 800, Incoloy 825, Hastelloy B-2, Hastelloy C-276, etc.

A

Q

What is your standard length? Can I cut the tube to the length I want?

Our standard length is 1 meter, 3 meters, 5 meters, and 6 meters. We can also cut the tube to the required length by laser cutting.

A

Package



Plastic Bag



Carton Box



Wooden Case

At Rahul Ferrometal, our nickel alloy capillary tubes are tightly as per international standard to prevent any possible damage. By default we will use thick woven plastic bags to bundle several pieces together (always one bundle ≤1500KGs). We can also use carton box to pack the short tubes. However, for those tubes that are susceptible to dirt pollution, scraping, stress or man-handling damages, we suggest wooden case for protection. Please be kindly noted that wooden case can incur extra cost by its own, and at times can increase the freight, which is especially remarkable for air transportation. For enhanced user experience, we will pack as per your diverged requirements.

Logistics



By Sea



By Air

Sea transportation is the most popular for most orders, hence regarded as the default transportation mode. Accordingly, quotation is thus made as per FOB, CFR, CIF etc.. For urgent demand, we can also offer as per air transportation.



Nickel Alloy
Coil Tube

Standards

ASTM B161, ASTM B13, ASTM B165, ASTM B167, ASTM B407, ASTM B423, ASTM B444, ASTM B468, ASTM B515, ASTM B622, ASTM B516, ASTM B51635, ASTM B626, ASTM B674, ASTM B676, ASTM B677, ASTM B690, ASTM B704, ASTM B729, ASTM B751, ASTM B829, ASTM B983

Overview

As a leading nickel alloy tube supplier, Rahul Ferrometal manufactures and produces high quality and customized nickel alloy coil tube. Nickel alloy coil tube is a continuous small diameter nickel alloy tube manufactured by welding, continuously cold drawing and coiling the nickel alloy strip. Due to its continuity, we will use bright annealing process to avoid the generation of oxide skin inside the tube. Nickel alloy coil tubes have excellent high temperature resistance and corrosion resistance, as well as good integration. We also provide nickel alloy seamless coil tube and nickel alloy welded coil tube for your choice. It should be noted that due to the difference in technology, the length of the nickel alloy seamless coil tube of the same size will be less than that of the nickel alloy welded coil tube. Please confirm this with us.

Specifications

Dimension:
Outer Diameter: $\Phi 0.4$ - $\Phi 16$ mm
Wall Thickness: 0.1-3.0mm
• Length: 150m, 1500m, 1800m, or customized,
• Classification of Nickel Alloy Coil Tube:
1. Flange heating tubes
2. O type
3. I type
4. W type
5. U type
• *Customized size please confirm with us

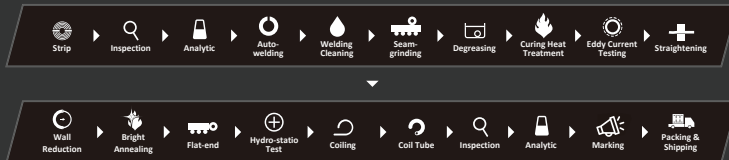
Applications

Electricity, petroleum, construction boilers, natural, petrochemical.

Features

Nickel alloy coil has many excellent characteristics as follows:
1) Resistance to high temperature steam, impact corrosion and ammonia corrosion;
2) Anti-scaling, hardness and discoloration, anti-oxidation and corrosion;
3) Long service life, reducing maintenance time and saving cost;
4) Excellent tabulation performance, easy to replace test tubes, safe and reliable;
5) Ideal heat exchange products, which can be used to upgrade old equipment and manufacture new equipment.

Manufacturing Process



Drawing & Formula



Formula: $m = (OD - THK) \times THK \text{ (mm)} \times L \text{ (m)} \times \rho \text{ (g/cm}^3\text{)} \times \pi \div 1000$
OD = Outer Diameter, THK = Wall Thickness, L = Length
 ρ = Density, $\pi = 3.1415926...$

Size Range

Size	Size	Size	Size	Size
0.4*0.11	1.3*0.15	2.1*0.7	3.5*0.25	5.0*1.0
0.5*0.15	1.3*0.3	2.2*0.2	3.5*0.5	5.0*1.5
0.6*0.15	1.4*0.15	2.2*0.3	3.5*1.0	5.5*0.2
0.63*0.15	1.4*0.2	2.2*0.6	3.5*1.2	6.0*1.5
0.7*0.15	1.4*0.25	2.2*0.8	3.7*0.2	6.0*0.8
0.8*0.125	1.45*0.1	2.3*0.2	3.7*0.25	6.0*2.0
0.8*0.15	1.5*0.125	2.3*0.25	3.8*0.2	6.35*0.3
0.9*0.15	1.6*0.15	2.5*0.18	3.8*0.25	6.35*0.35
1.0*0.1	1.6*0.2	2.5*0.2	4.0*0.2	6.35*0.5
1.0*0.125	1.6*0.25	2.5*0.25	4.0*0.25	6.35*0.7
1.0*0.135	1.6*0.3	2.5*0.3	4.0*0.35	6.35*0.8
1.0*0.15	1.6*0.4	2.5*0.4	4.0*0.4	6.35*1.25
1.0*0.16	1.7*0.15	2.5*0.5	4.0*0.5	6.35*1.65
1.1*0.115	1.7*0.25	2.5*0.55	4.0*0.7	6.35*1.8
1.1*0.12	1.8*0.11	2.5*0.75	4.0*1.0	6.35*0.89
1.1*0.125	1.8*0.125	2.5*0.8	4.2*0.25	6.35*1.24
1.1*0.135	1.8*0.15	2.55*0.13	4.4*0.25	6.35*1.65

1.1*0.14	1.8*0.2	2.55*0.8	4.4*0.4	6.5*0.3
1.1*0.15	2.0*0.125	2.6*0.2	4.5*0.2	6.5*0.4
1.1*0.2	2.0*0.15	2.8*0.2	4.5*0.25	6.5*0.5
1.2*0.1	2.0*0.2	3.0*0.15	4.5*0.3	6.5*0.6
1.2*0.125	2.0*0.25	3.0*0.2	4.5*0.5	7.0*0.2
1.2*0.135	2.0*0.3	3.0*0.25	4.5*1.0	7.0*0.3
1.2*0.15	2.0*0.4	3.0*0.3	4.7*1.0	7.0*0.5
1.2*0.2	2.0*0.5	3.0*0.5	5.0*0.2	7.0*1.0
1.3*0.1	2.0*0.7	3.2*0.2	5.0*0.25	8.0*0.2
1.3*0.11	2.1*0.5	3.2*0.5	5.0*0.3	8.0*0.5
1.3*0.12	2.1*0.55	3.4*0.2	5.0*0.35	9.52*0.89
1.3*0.125	2.1*0.65	3.5*0.2	5.0*0.5	

Delivery State

Delivery State Choice	Surface Condition
BA: Bright Annealed	Bright
Note: 1. If you require different deliver state than the above listed, kindly confirm with us. 2. In case of any enquiry or order, please kindly let us know any extra requirement not indicated here.	

FAQ

Q

Do you have wood reel packaging?

Yes, we can also provide metal spools according to your requirements.

A

Q

What is your nickel alloy coil tube process?

We have the following two processes:

- 1) TIG welding & cold drawing;
- 2) Seamless and cold drawn.

A

Q

What is your minimum order quantity?

Usually, our minimum order quantity is 100KG for each size. If you are not sure about your situation, please contact us.

A

Q

Where is your main market?

South / North America, East Asia, Middle-East, Europe and so on.

A

Package



Carton Box



Wood Reel



Plastic Bag



Wooden Case

At Rahul Ferrometal, all of our nickel alloy coil tubes are accordance with international standards to prevent any possible damage or loss. According to your specific needs, our packaging can be Thick Woven Plastic Bag, Wooden Pallet, Wood Reel and Wooden Case. We can also provide special packaging according to your special requirements. Please be kindly noted that wooden case can incur extra cost by its own, and at times can increase the freight, which is especially remarkable for air transportation. For enhanced user experience, we will pack as per your diverged requirements.

Logistics



By Sea



By Air

Sea transportation is the most popular for most orders, hence regarded as the default transportation mode. Accordingly, quotation is thus made as per FOB, CFR, CIF etc.. For urgent demand, we can also offer as per air transportation.



Nickel Alloy
Thick-walled Pipe



Overview

As a Chinese leading nickel alloy pipe supplier, PIPING SYSTEM manufactures and produces a wide range of nickel alloy

thick-walled pipe. Nickel alloy thick-walled pipe is a seamless, thick-walled nickel alloy pipe. Compared with nickel alloy seamless pipe, it not only inherits high temperature resistance and corrosion resistance, but also has better high pressure resistance. Therefore, nickel alloy thick-walled tubes are often used in high-pressure equipment. In the manufacturing process, due to the thicker wall thickness, cold rolling and cold drawing processes are no longer applicable, so the nickel alloy thick-walled pipe is perforated and hot-rolled from nickel alloy round bar.

Rahul Ferrometalsupplies different nickel alloy grades: Monel(400, 401, K-500, etc), Inconel(600, 601, 625, 718, etc), Incoloy(800, 825, A-286, etc) and Hastelloy(B-2, C-22, C-276, etc). The outer diameter of our nickel alloy coil tube ranges from 10m to 600mm. Customized size is also available.

Our products have higher quality and lower price. Our sales are more professional and responsible. Please don't hesitate to contact us!

Specifications

- Outer: $\Phi 10 - \Phi 600\text{mm}$
- Wall Thickness: SCH80S, SCH120, SCH160, XXS
- Length $\leq 12000\text{mm}$
- *Customized size please confirm with us

Standards

ASTM B161, ASTM B165, ASTM B167, ASTM B407, ASTM B423, ASTM B444, ASTM B535, ASTM B622, ASTM B677, ASTM B690, ASTM B729, ASTM B829, ASTM B983

Features

Excellent corrosion resistance and high temperature resistance, outstanding high pressure resistance and sealing performance.

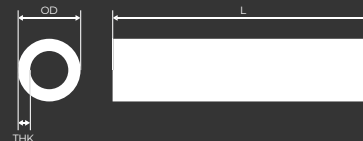
Applications

Nozzles, reducers, couplings, petroleum, chemical, shipbuilding, pharmaceuticals, electronic components, etc.

Manufacturing Process



Drawing & Formula



Formula: $m = (OD - THK) \times THK \text{ (mm)} \times L \text{ (m)} \times \rho \text{ (g/cm}^3\text{)} \times \pi \div 1000$
 OD = Outer Diameter, THK = Wall Thickness, L = Length
 ρ = Density, $\pi = 3.1415926...$

Size Range

Outer Diameter	Wall Thickness	Outer Diameter	Wall Thickness	Outer Diameter	Wall Thickness	Outer Diameter	Wall Thickness
1/8	1	1	5	15/8	6	7/2	12
1/8	1.5	1	6	15/8	8	4	3
1/8	2	9/8	2	2	2	4	3.5
1/4	1	9/8	2.5	2	2.5	4	4
1/4	1.5	9/8	3	2	3	4	5
1/4	2	9/8	3.5	2	3.5	4	6
3/8	1	9/8	4	2	4	4	8
3/8	1.5	9/8	5	2	5	4	10
3/8	2	9/8	6	2	6	4	12
3/8	2.5	5/4	2	2	8	5	4
3/8	3	5/4	2.5	2	10	5	5
7/16	2	5/4	3	2	12	5	6
7/16	2.5	5/4	3.5	9/4	2	5	8
7/16	3	5/4	4	9/4	2.5	5	10
7/16	3.5	5/4	5	9/4	3	5	12
7/16	4	5/4	6	9/4	3.5	6	4
1/2	2	11/8	2	9/4	4	6	5
1/2	2.5	11/8	2.5	9/4	5	6	6
1/2	3	11/8	3	9/4	6	6	8

Outer Diameter	Wall Thickness	Outer Diameter	Wall Thickness	Outer Diameter	Wall Thickness	Outer Diameter	Wall Thickness
1/2	3.5	11/8	3.5	9/4	8	6	10
1/2	4	11/8	4	9/4	10	6	12
5/8	2	11/8	5	9/4	12	8	4
5/8	2.5	11/8	6	5/2	3	8	5
5/8	3	3/2	2	5/2	3.5	8	6
5/8	3.5	3/2	2.5	5/2	4	8	8
5/8	4	3/2	3	5/2	5	8	10
3/4	2	3/2	3.5	5/2	6	8	12
3/4	2.5	3/2	4	5/2	8	10	6
3/4	3	3/2	5	5/2	10	10	8
3/4	3.5	3/2	6	5/2	12	10	10
3/4	4	3/2	8	3	3	10	12
3/4	5	7/4	2	3	3.5	12	10
3/4	6	7/4	2.5	3	4	12	12
7/8	2	7/4	3	3	5	14	10
7/8	2.5	7/4	3.5	3	6	14	12
7/8	3	7/4	4	3	8	16	10
7/8	3.5	7/4	5	3	10	16	12
7/8	4	7/4	6	3	12	18	10
7/8	5	7/4	8	7/2	3	18	12
7/8	6	15/8	2	7/2	3.5	20	10

Outer Diameter	Wall Thickness	Outer Diameter	Wall Thickness	Outer Diameter	Wall Thickness	Outer Diameter	Wall Thickness
1	2	15/8	2.5	7/2	4	20	12
1	2.5	15/8	3	7/2	5	24	10
1	3	15/8	3.5	7/2	6	24	12
1	3.5	15/8	4	7/2	8		
1	4	15/8	5	7/2	10		
*Customized size please confirm with us							

Delivery State

Delivery State Choice	Surface Condition
Hot Rolled + Solution Treated	Pickled
	Polished
	Sand Blasted
Hot Rolled + Solution Treated + Aging Treated	Pickled
	Polished
	Sand Blasted
Note: 1. If you require different deliver state than the above listed, kindly confirm with us. 2. In case of any enquiry or order, please kindly let us know any extra requirement not indicated here.	

Package



Plastic Bag



Wooden Case

At Rahul Ferrometal, our nickel alloy seamless pipe tightly as per international standard to prevent any possible damage. By default we will use thick woven plastic bags to bundle several pieces together (always one bundle ≤1500KGs). However, for those tube pipes that are susceptible to dirt pollution, scraping, stress or man- handling damages, we suggest wooden case for protection. Please be kindly noted that wooden case can incur extra cost by its own, and at times can increase the freight, which is especially remarkable for air transportation. For enhanced user experience, we will pack as per your diverged requirements.

Logistics



By Sea



By Air

Sea transportation is the most popular for most orders, hence regarded as the default transportation mode. Accordingly, quotation is thus made as per FOB, CFR, CIF etc.. For urgent demand, we can also offer as per air transportation.

FAQ

Q

Can you polish the nickel alloy thick-walled pipes?

Yes, we can polish these pipes into 200 to 600 mesh according to your requirements. We can also perform 8K polishing/mirror polishing.

A

Q

What are the main grades of nickel alloy thick-walled pipe?

Monel 400, Monel K-500, Inconel 600, Inconel 625, Inconel 718, Incoloy 800, Incoloy 825, Hastelloy B-2, Hastelloy C-276, etc.

A

Q

What is your standard length?

Random length, 1m, 2m, 3m, 4m, 5m, 6m or customized.

A

Q

Where's your main market?

South / North America, East Asia, Middle-East, Europe and so on.

A

Q

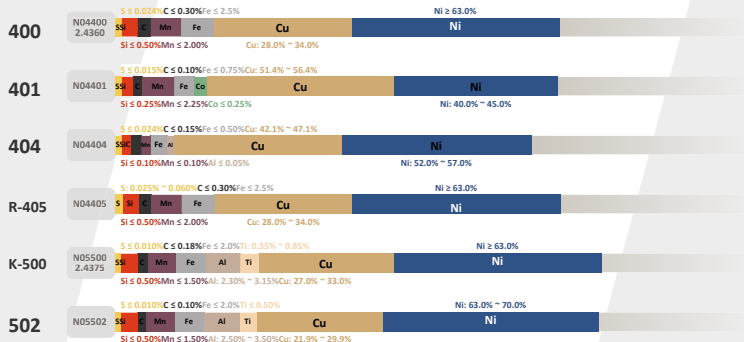
What is your standard packaging?

We will use thick woven plastic bags to bundle the finished nickel alloy pipes together in batches.

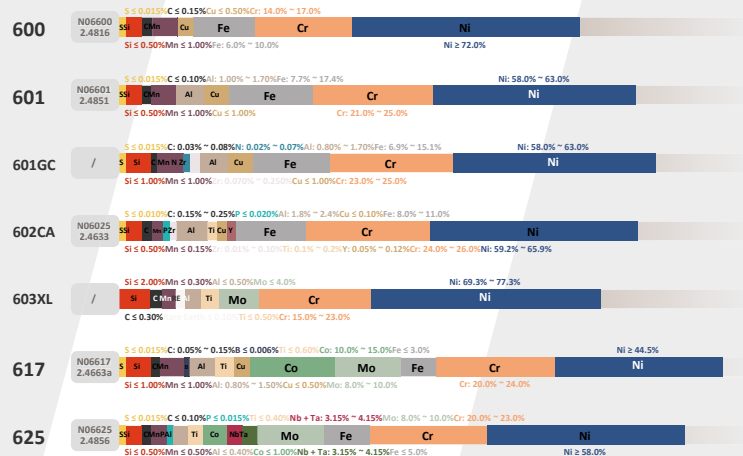
A

GRADES AVAILABLE

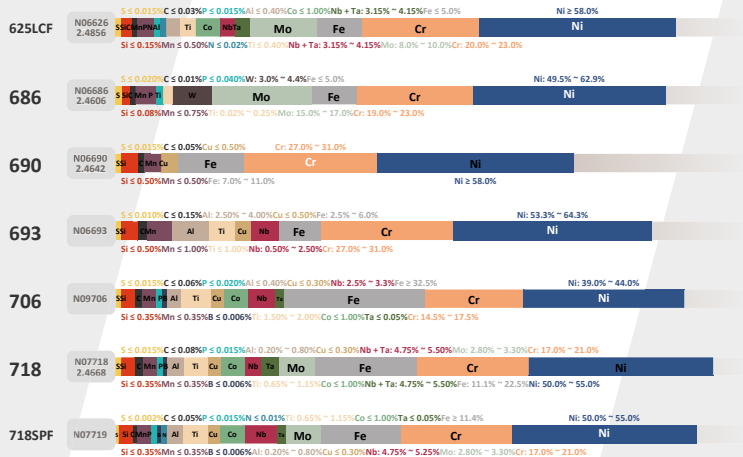
MONEL



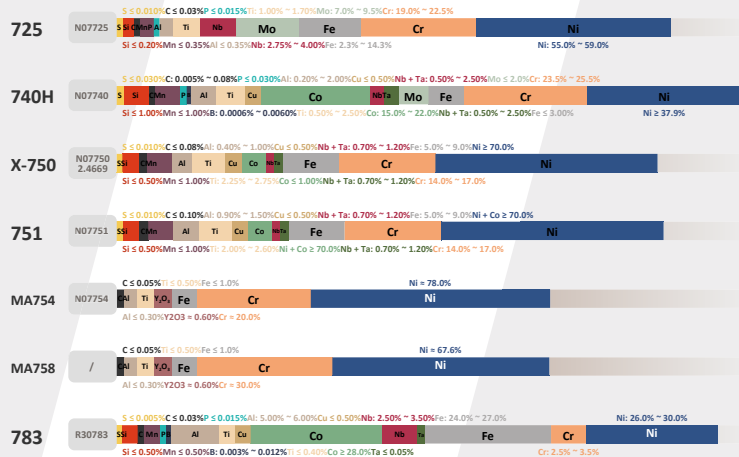
INCONEL



INCONEL

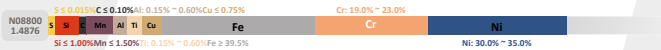


INCONEL

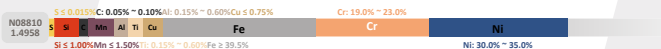


INCOLOY

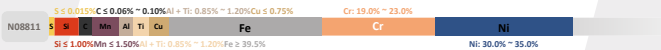
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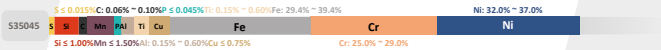
800H



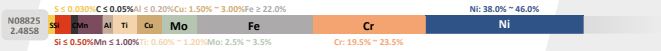
800HT



803



825



832

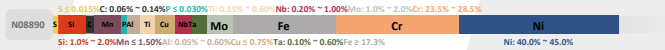


INCOLOY

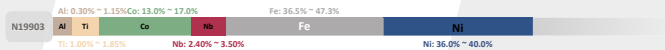
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890



903



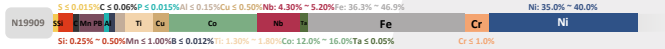
907



908

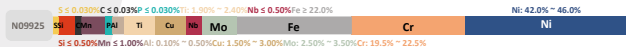


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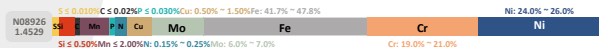


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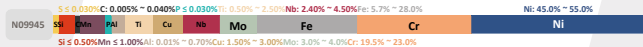
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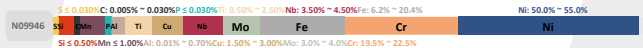
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945



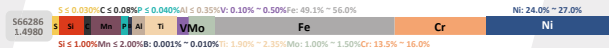
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MA956

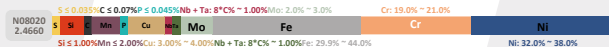


A-286



INCOLOY

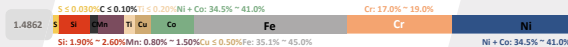
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028



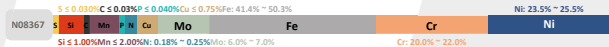
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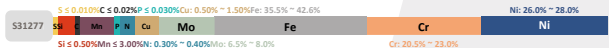
330



25-6HN



27-7MO

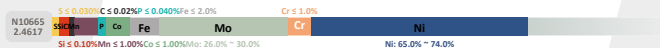


HASTELLOY

B



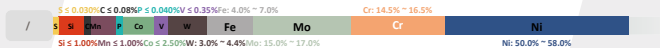
B-2



B-3



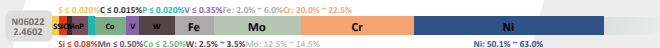
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C-4

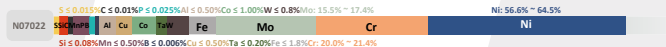


C-22

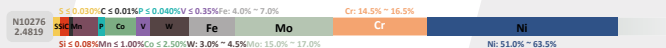


HASTELLOY

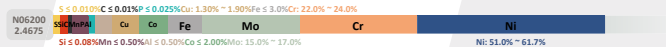
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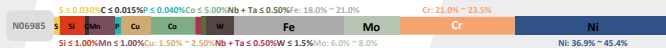
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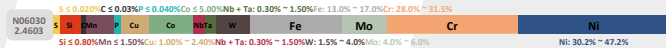
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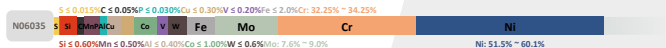
G-3



G-30

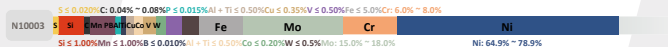


G-35

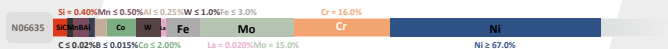


HASTELLOY

N



S



W



X

