Standards

ASTM A484, ASTM A484M, ASTM A638, ASTM A638M, ASTM B150, ASTM B164, ASTM B166, ASTM B354, ASTM B088, ASTM B425, ASTM B446, ASTM B472,ASTM B473, ASTM B511, ASTM B512, ASTM B572, ASTM B637, ASTM B5649, ASTM B581, ASTM B637, ASTM B649, ASTM B581, ASTM B637, ASTM B649, ASTM B581, ASTM B637, ASTM B649,



Overview

As a leading nickel alloy bars & rods supplier in India, Rahul Ferrometal produces and manufactures costeffective nickel alloy round bar & rod. Nickel alloy round bar & rod is a kind of nickel alloy bar with a circular cross section. Because this product form is suitable for many applications, it is the most basic and popular product among our bar & rod products. Nickel alloy round bar & rod is manufactured by hot rolling the nickel alloy ingot, which causes it to form a black oxide scale. We will further cold-draw it to a suitable size. At this time, it will have a smooth finish. If you need us to polish or grind the nickel alloy round bar & rod, we can also meet your needs.

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 (8-2, C-22, C-276, etc). The diameter of our nickel alloy round bar & rod ranges from 4 to 300mm. 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!

Specification

- •Outside Diameter: Φ4 Φ300mm
- Delivery State: Cold Drawn, Hot Rolled, Forged, Grinding, Centerless Grinding
- Finish: Bright, Polishing, Mirror, Hairline, Pickled, Peeled, Black
- Hot-selling Products:
- a. Nickel Alloy Black Bar
- b. Nickel Alloy Bright Bar
- c. Nickel Alloy Hot Rolled Round Bar d. Nickel Alloy Forged Bar
- Features

Features

Outstanding high temperature resistance and corrosion resistance, bright surface, excellent straightness.

Applications

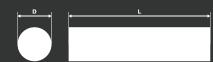
- 1. Ore calciner
- 2. Heat treatment retort furnace, muffle
- furnace, fixture and basket

 3. Chemical vapor deposition bell furnace
- 4. Vacuum furnace fixture
- Ammonia oxidation furnace catalytic net support grid
- 6. High temperature processing equipment for molten glass
- 7. Radiant tube 8. Petrochemical converter

Manufacturing Process



Drawing & Formula



Formula: m = D (mm) × D (mm) × L (m) × ρ (g/cm³) × π ÷ 4000 D = Diameter, L = Length, ρ = Density, π = 3.1415926...

a

Tolerance

Cold Drawn			
Constitut Discouries in (man)	Permissible Variations fro	m Specified Size, in. (mm)	
Specified Dimension, in. (mm)	Over	Under	
Over 1/2(12.70) to 1(25.40), excl	0.002(0.05)	0.002(0.05)	
1(25.40) to 3/2(38.10), incl	0.0025(0.06)	0.0025(0.06)	
3/2(38.10) to 4(101.60), incl	0.003(0.08)	0.003(0.08)	

Hot Rolled Permissible Variations from Specified Size, in. (mm)

	r crinissible variations from specifica size, in: (inin)		Out-of-Round in. (mm)
_	Over	Under	Out-or-kound in. (mm)
Over 5/16(7.94) to 7/16(11.11), incl	0.006(0.15)	0.006(0.15)	0.009(0.23)
Over 7/16(11.11) to 5/8(15.88), incl	0.007(0.18)	0.007(0.18)	0.010(0.25)
Over 5/8(15.88) to 7/8(22.22), incl	0.008(0.20)	0.008(0.20)	0.012(0.30)
Over 7/8(22.22) to 1(25.40), incl	0.009(0.23)	0.009(0.23)	0.013(0.33)
Over 1(25.40) to 9/8(28.58), incl	0.010(0.25)	0.010(0.25)	0.015(0.38)
Over 9/8(28.58) to 5/4(31.75), incl	0.011(0.28)	0.011(0.28)	0.016(0.41)
Over 5/4(31.75) to 11/8(34.92), incl	0.012(0.30)	0.012(0.30)	0.018(0.46)
Over 11/8(34.92) to 3/2(38.10), incl	0.014(0.36)	0.014(0.36)	0.021(0.53)

Over 3/2(38.10) to 2(50.80), incl	1/64(0.40)	1/64(0.40)	0.023(0.58)
Over 2(50.80) to 2 1/2(63.50), incl	1/32(0.79)	0	0.023(0.58)
Over 2 1/2(63.50) to 3 1/2(88.90), incl	3/64(1.19)	0	0.035(0.89)
Over 3 1/2(88.90) to 4 1/2(114.30), incl	1/16(1.59)	0	0.046(1.17)
Over 4 1/2(114.30) to 5 1/2(139.70), incl	5/64(1.98)	0	0.058(1.47)
Over 5 1/2(139.70) to 6 1/2(165.10), incl	1/8(3.18)	0	0.070(1.78)
Over 6 1/2(165.10) to 8(203.20), incl	5/32(3.97)	0	0.085(2.18)

Delivery State

Delivery State Choice	Surface Condition
Forged / Solution & Aging Treated	Black
rorged / Solution & Aging Treated	Polished
	Black
	Polished
Hot Rolled / Solution & Aging Treated	Bright
	Pickled
	Polished
Cold Drawn / Solution & Aging Treated	Bright
Note	

Note:

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

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FAQ

Can you provide nickel alloy grinding rods?

Yes, we can produce nickel alloy grinding rods with precise dimensions. better roundness and straightness than that of nickel alloy polishing rods, but the processing cost is also higher.

What is your minimum order quantity?

Our minimum order quantity is 100kg, Larger quantity, lower price.

How long is your delivery time?

It is usually 35 days, but it is also affected by your specific requirements or order quantity.

Can you provide samples?

For small parts, we can provide free samples of regular sizes, but the shipping costs must be borne by you. For large samples, we will include it in the order amount. Please confirm with our sales department according to your specific requirements

Can I send an engineer to India?

Of course, Welcome to our factory for on-site inspection.

How do you control product quality?

passed all tests can be delivered for export.

From the selection of raw materials to packaging for transportation, each production process will be tested and evaluated. Only products that have



Package





Plastic Bag

Wooden Case

At Rahul Ferrometal, our nickel alloy round bar & rod are 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 who a do spery our dierge drequirements.

Logistics







By Sea

air transportation.

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

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Standards

ASTM A484, ASTM A484M, ASTM A638, ASTM A638M,ASTM B160, ASTM B164, ASTM B166, ASTM B408, ASTM 425, ASTM B44 6, ASTM B472, ASTM 473, ASTM B511, ASTM B512, ASTM B649, ASTM B691. ASTM B805



Overview

As a Chinese leading nickel alloy bars & rods supplier, Rahul Ferrometal produces and manufactures costeffective nickel alloy flat bar. Nickel alloy flat bar is a nickel alloy bar with a rectangular cross-section. It has excellent corrosion resistance and high temperature resistance, and can work continuously in special environments. Depending on the size and requirements, nickel alloy flat bar can be cold drawn from nickel alloy billet or nickel alloy round bar, or it can be cut from nickel alloy plate or nickel alloy strip. In surface treatment, we can provide pickling finish, sand blasted finish and polished finish for your choice

Rabul Ferrometal supplies different nickel alloy grades: Monei(400, 401, K-500, etc), niconei(800, 601, 625, 718, etc), incole)(800, 825, A-286, etc) and Hastelloy(8-2, C-22, C-276, etc.). The thickness of our nickel alloy flat bar ranges from 0.5mm to 200mm. The width of our nickel alloy flat bar ranges from 0.5mm to 250mm. 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

Dimension: Thickness: 0.5mm - 200mm Width: J.5mm - 250mm - 250mm

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Features

d. Nickel Alloy Polished Flat Bar

Outstanding high temperature resistance and corrosion resistance, bright surface, excellent straightness.

Applications

1. Ore calciner

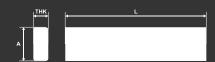
2. Heat treatment retort furnace, muffle furnace, fixture and basket
3. Chemical vapor deposition bell furnace
4. Vacuum furnace fixture
5. Ammonia oxidation furnace catalytic net support grid
6. High temperature processing equipment for molten glass
7. Radiant Lube

8. Petrochemical converter

Manufacturing Process



Drawing & Formula



Formula: m = A (mm) × THK (mm) × L (m) × ρ (g/cm³) ÷ 1000 A = Side width, THK = Thickness, L = Leneth, ρ = Density

Tolerance

			Cold Drawn			
		,	P	ermissible Variations fro	m Specified Size, in. (mi	n)
Spec	ified Dimension, in. (m	im)	0	ver	Un	der
Over	1/2(12.70) to 1(25.40),	incl		0	0.004	(0.10)
Over	1(25.40) to 2(50.80), i	ncl		0	0.006	(0.15)
Over	2(50.80) to 3(76.20), i	ncl		0	0.008	(0.20)
	Over 3(76.20)		1	0	0.010	(0.25)
			Hot Rolled			
		Permissil	ole Variations in Thickne	ss for Thicknesses Given	, in. (mm)	
Specified Width, in. (mm)	1/8(3.18) to 1	/2(12.70), incl	Over 1/2(12.70)	to 1(25.40), incl	Over 1(25.40) 1	to 2(50.80), incl
·····, <u> </u>	Over	Under	Over	Under	Over	Under
To 1(25.40), incl	0.008(0.20)	0.008(0.20)	0.010(0.25)	0.010(0.25)		
Over 1(25.40) to 2(50.80), incl	0.012(0.30)	0.012(0.30)	0.015(0.38)	0.015(0.38)	0.031(0.79)	0.031(0.79)
Over 2(50.80) to 4(101.60), incl	0.015(0.38)	0.015(0.38)	0.020(0.51)	0.020(0.51)	0.031(0.79)	0.031(0.79)
Over 4(101.60) to 6(152.40), incl	0.015(0.38)	0.015(0.38)	0.020(0.51)	0.020(0.51)	0.031(0.79)	0.031(0.79)

	Over 2(50.80) to 4(101.60), incl	Over 4(101.60) 1	to 6(152.40), incl	Over 6(152.40)	to 8(203.20), incl
	UOder	Over	Under	Over	Under
To 1(25.40), incl	***				
Over 1(25.40) to 2(50.80) incl					

0.025(0.64)

0.031(0.79)

0.025(0.64)

0.031(0.79)

0.031(0.79)

0.031(0.79)

0.031(0.79)

0.031(0.79)

Over 6(152.40) to

8(203.20), incl Over 8(203.20) to

10(254.00), incl

0.016(0.41)

0.021(0.53)

0.016(0.41)

0.021(0.53)

Over 2(50.80) to 4(101.60), incl	0.062(1.57)	0.031(0.79)			***	
Over 4(101.60) to 6(152.40), incl	0.062(1.57)	0.031(0.79)	0.093(2.36)	0.062(1.57)		
Over 6(152.40) to 8(203.20), incl	0.062(1.57)	0.031(0.79)	0.093(2.36)	0.062(1.57)	0.125(3.18)	0.156(3.96)
Over 8(203.20) to 10(254.00), incl	0.062(1.57)	0.031(0.79)	0.093(2.36)	0.062(1.57)	0.125(3.18)	W0.156(3.96)
	Specified Width. in. (mm)		Permissible Variations in Width, in. (mm)			
	pecinea wiacii, iii. (iiii	,	0	ver	Ur	nder
	To 1(25.40), incl			ver i(0.38)		nder 5(0.38)
	, , ,		0.015		0.015	
Ove	To 1(25.40), incl	incl	0.015	i(0.38)	0.015	5(0.38)
Ove	To 1(25.40), incl er 1(25.40) to 2(50.80),	incl	0.015 0.033 0.062	i(0.38)	0.015 0.031 0.031	5(0.38)
Ove Over	To 1(25.40), incl er 1(25.40) to 2(50.80), i r 2(50.80) to 4(101.60),	incl incl	0.015 0.03 0.062 0.093	(0.38) (0.79) (1.57)	0.015 0.031 0.031 0.032	5(0.38) 1(0.79) 1(0.79)

Delivery State

Delivery State Choice	Surface Condition	
Hot Rolled / Solution & Aging Treated	Pickled	
The Rolled / Solution & Aging Treated	Sand Blasted	
(010 - 1010 - 011 - 711	Polished	
Cold Drawn / Solution & Aging Treated	Bright	
Note:		

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

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FAO

Can you polish nickel alloy flat bar to hairline finish? Yes, we can polish nickel alloy flat bar to 180#, 320# and hairline finish for your different choice. What is your minimum order quantity? Our minimum order quantity is 200kg, Larger quantity, lower price.

How long is your delivery time?

It is usually 45 days, but it is also affected by your specific requirements or order quantity.

Can you provide samples?

For small parts, we can provide free samples of regular sizes, but the shipping costs must be borne by you. For large samples, we will include it in the order amount. Please confirm with our sales department according to your specific requirements.

Can I send an engineer to India?

Of course, Welcome to our factory for on-site inspection.

How do you control product quality?

From the selection of raw materials to packaging for transportation, each production process will be tested and evaluated. Only products that have passed all tests can be delivered for export.

Package





Plastic Bag

Wooden Case

At Rahul Ferrometal, our nickel alloy flat bar are 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 Air

By Sea

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.

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Standards

ASTM A484, ASTM A84M, ASTM A638 As a Chinese leading nickel allov ASTM A6348M, ASTM B160, ASTM B649, ASTM B691, ASTM B805



Overview

materials supplier, Rahul B164, ASTM B166, ASTM B408, ASTM Ferrometal produces and B425, ASTM B446, ASTM B472, ASTM manufactures Cost-effective B473.ASTM B511. ASTM B512. ASTM nickel alloy square bar. Nickel alloy square bar is nickel alloy bars with square section. Due to the high degree of shape . Hot-selling Products: adaptability, it is also one of the most common nickel alloy bars. Nickel allov square bar has excellent corrosion resistance high temperature resistance, and can work well in most environments. Depending on the manufacturing process and size, nickel alloy square bars can be hot-rolled from nickel alloy billet or cold-drawn from nickel alloy round bar & rod. We provide nickel allov square bars with polished, 1. Ore calciner pickled and sandblasted finish 2. Heat treatment retort furnace, muffle for your choice

> Rahul Ferrometal supplies different nickel alloy grades: Monel(400, 401, K-500, etc). Inconel(600, 601, 625, 718, etc), Incolov(800, 825, A-286, etc) and Hastelloy(B-2, C-22, C-276, etc). The width of our nickel alloy square bar ranges from 2mm to 200mm. Customized size is also available

Our products have higher quality and lower price. Our sales are professional responsible. Please hesitate to contact us!

Dimension

Thickness: 0 5mm - 200mm Width: 1.5mm - 250mm . Delivery State: Cold Drawn, Hot Rolled, Flat Bar Cut From Strip or Plates, Grinding, Forged.

Centerless Grinding . Finish: Pickled . Bright. Polishing, Mirror.

- a. Hot Rolled Nickel Alloy Square Bar
- b. Pickled Nickel Alloy Square Bar c. Cold Drawn Nickel Alloy Square Bar

Features

Outstanding high temperature resistance and corrosion resistance, bright surface, excellent straightness.

Applications

- furnace fixture and basket 3. Chemical vapor denosition hell furnace
- 4. Vacuum furnace fixture 5. Ammonia oxidation furnace catalytic
- net support grid
- 6. High temperature processing
- equipment for molten glass
- 7. Radiant tube

8. Petrochemical converter

Manufacturing Process





Drawing & Formula



Formula: $m = A (mm) \times A (mm) \times L (m) \times \rho (g/cm^3) \div 1000$ A = Side width, L = Length, p = Density

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Size Range

Cold Drawn			
Constitut Discoving in (con)	Permissible Variations f	rom Specified Size, in. (mm)	
Specified Dimension, in. (mm)	Over	Under	
Over 1/2(12.70) to 1(25.40), incl	0	0.004(0.10)	
Over 1(25.40) to 2(50.80), incl	0	0.006(0.15)	
Over 2(50.80) to 3(76.20), incl	0	0.008(0.20)	
Over 3(76.20)	0	0.010(0.25)	

Hot Rolled

	Permissible Variations fr	om Specified Size, in. (mm)	Out-of-Square in. (mm)
	Over	Under	Out-or-square in. (mm)
Over 5/16(7.94) to 7/16(11.11), incl	0.006(0.15)	0.006(0.15)	0.009(0.23)
Over 7/16(11.11) to 5/8(15.88), incl	0.007(0.18)	0.007(0.18)	0.010(0.25)
Over 5/8(15.88) to 7/8(22.22), incl	0.008(0.20)	0.008(0.20)	0.012(0.30)
Over 7/8(22.22) to 1(25.40), incl	0.009(0.23)	0.009(0.23)	0.013(0.33)
Over 1(25.40) to 9/8(28.58), incl	0.010(0.25)	0.010(0.25)	0.015(0.38)
Over 9/8(28.58) to 5/4(31.75), incl	0.011(0.28)	0.011(0.28)	0.016(0.41)
Over 5/4(31.75) to 11/8(34.92), incl	0.012(0.30)	0.012(0.30)	0.018(0.46)

Over 11/8(34.92) to 3/2(38.10), incl	0.014(0.36)	0.014(0.36)	0.021(0.53)
Over 3/2(38.10) to 2(50.80), incl	1/64(0.40)	1/64(0.40)	0.023(0.58)
Over 2(50.80) to 2 1/2(63.50), incl	1/32(0.79)	0	0.023(0.58)
Over 2 1/2(63.50) to 3 1/2(88.90), incl	3/64(1.19)	0	0.035(0.89)
Over 3 1/2(88.90) to 4 1/2(114.30), incl	1/16(1.59)	0	0.046(1.17)
Over 4 1/2(114.30) to 5 1/2(139.70), incl	5/64(1.98)	0	0.058(1.47)
Over 5 1/2(139.70) to 6 1/2(165.10), incl	1/8(3.18)	0	0.070(1.78)
Over 6 1/2(165.10) to 8(203.20), incl	5/32(3.97)	0	0.085(2.18)

Delivery State

Delivery State Choice	Surface Condition	
Hot Rolled / Solution & Aging Treated	Pickled	
not koned / Solution & Aging Treated	Sand Blasted	
Cold Drawn / Solution & Aging Treated	Polished	
Cold Drawn / Solution & Aging Treated	Bright	

Note:

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

FAQ

Do you have cold drawn nickel alloy square bars?

Yes, we produce cold drawn nickel alloy square bars with excellent finish. Although cold drawn nickel alloy square bars are more expensive than hot rolled nickel alloy square bars, it has better mechanical properties and more precise dimensions.

What is your minimum order quantity?

Our minimum order quantity is 500kg. Larger quantity, lower price.

How long is your delivery time?

It is usually 45 days, but it is also affected by your specific requirements or order quantity.

Can you provide samples?

For small parts, we can provide free samples of regular sizes, but the shipping costs must be borne by you. For large samples, we will include it in the order amount. Please confirm with our sales department according to your specific requirements.

Can I send an engineer to India?

Of course. Welcome to our factory for on-site inspection.

How do you control product quality?

From the selection of raw materials to packaging for transportation, each production process will be tested and evaluated. Only products that have passed all tests can be delivered for export.

Package





Plastic Bag

Wooden Case

At Rahul Ferrometal, our nickel alloy square bar are packed tightly as per international standard to prevent any possible damage. By default we will use thick woven plastic bags to bundle serveral pieces together (always one bundle sel500KoS). However, for those tube pipes that are susceptible to dirt pollution, scraping, stress or man-handling damages, we suggest wooden case can 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 diversed requirements.

Logistics









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.

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Overview

As a leading nickel alloy bars supplier

in India. Rahul Ferrometal manufactures and produces nickel alloy hexagon bars of various sizes. Nickel alloy hexagon bar(hex bar. hexagonal bar) is a nickel alloy bar with a hexagon cross-section. It has good corrosion resistance and high temperature resistance, as well as good workability. Since it can be used as the raw material for many nickel alloy fasteners (such as nickel alloy screws, nickel alloy nuts, etc.), it is also one of our most popular nickel alloy bar products. We can provide hot- rolled, cold-drawn or forged nickel alloy hexagon bars. The common finish of nickel alloy hexagon bar is polished finish. If you need nickel alloy hexagon bar with other finishes such as pickling or sandblasting, please confirm with us. Rahul Ferrometal supplies different nickel alloy grades: Monel(400, 401, K-500, etc). Inconel(600, 601, 625, 718, etc), Incolov(800, 825, A-286, etc) and Hastellov(B-2, C-22, C-276, etc). The diameter between two adiacent side width of our nickel alloy hexagon bar ranges from 3mm to 180mm. Customized size is also available.

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

Specifications

Dimension: 3mm - 180mm • Delivery State: Cold Drawn, Hot Rolled, Grinding, Forged, Centerless Grinding. Ftinish: iPolisohed. Brightn. Hairline. Grinded, Sandblast, Pickled, Mill Finish

Standards

ASTM A484, ASTM A484M, ASTM A638, ASTM A638M, ASTM B160, ASTM B164, ASTM B166, ASTM B408, ASTM B425, ASTM B446, ASTM B472, ASTM B473, ASTM B511. ASTM B512. ASTM B649. ASTM B691, ASTM B805

Features

Outstanding high temperature resistance and corrosion resistance, bright surface, excellent straightness.

Applications

Food equipment, chemical equipment, nuclear energy industry equipment, construction engineering, equipment and parts that require good overall performance (corrosion resistance and formability).

Manufacturing Process





Drawing & Formula



Formula: $m = D (mm) \times D (mm) \times L (m) \times \rho (g/cm^2) \times 0.866 \div 1000$ D = Diameter between two adjacent side width, L = Length, p = Density

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Over 1 1/2(38.10) to 2(50.80), incl

Over 2(50.80) to 2 1/2(63.50), incl

Over 2 1/2(63.50) to 3 1/2(88.90), incl

1/32(0.79)

3/64(1.19)

1/16(1.59)

FAQ

Tolerance

Hot Rolled Specified Sizes Measured Between Permissible Variations from Specified Size, in. (mm) Maximum Difference in 3 Measurements for Hexagons, in, (mm) Opposite Sides, in, (mm) Over Under 0.007(0.18) 1/4(6.35) to 1/2(12.70), incl 0.007(0.18) 0.011(0.28) Over 1/2(12.70) to 1(25.40), incl 0.010(0.25) 0.010(0.25) 0.015(0.38) Over 1(25.40) to 1 1/2(38.10), incl 0.025(0.64)

1/32(0.79)

3/64(1.19)

1/16(1.59)

Delivery State

1/16(1.59)

Delivery State Choice	Surface Condition
Hot Rolled	Pickled
not kolled	Sand Blasted
Cold Drawn	Polished
Cold Drawn	Bright

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

Package





Wooden C

Wooden Case

At Rahul Ferrometal, our nickel alloy hexagon bar are 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 s1500KGs). However, for those tube pipes that are susceptible to directly 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 all transportation

Can you provide nickel alloy hexagon bar in round edge?

Yes, we can produce round-edge nickel alloy hexagon bars according to your requirements.

What is your minimum order quantity?

Our minimum order quantity is 500kg. Larger quantity, lower price.

Q How long is your delivery time?

It is usually 45 days, but it is also affected by your specific requirements or order quantity.

For small parts, we can provide free samples of regular sizes, but the shipping costs must be borne by you. For large samples, we will include it in the order amount. Please confirm with our sales department according to your specific requirements.

Q Can I send an engineer to India?

Of course. Welcome to our factory for on-site inspection.

Now do you control product quality?

Can you provide samples?

From the selection of raw materials to packaging for transportation, each production process will be tested and evaluated. Only products that have passed all tests can be delivered for export.

Α

GRADES AVAILABLE

MONEL



INCONEL

		S ≤ 0.015%C ≤ 0.15%Cu ≤ 0.50%Cr	: 14.0% ~ 17.0%			
600	N06600 2.4816	ssi CMn Cu Fe			Ni	
		Si ≤ 0.50%Mn ≤ 1.00%Fe: 6.0% ~ 1	10.0%	N	li ≥ 72.0%	
	Noccod	S ≤ 0.015%C ≤ 0.10%Al: 1.00% ~ 1	.70%Fe: 7.7% ~ 17.4%	_	Ni: 58.0% ~ 63.0%	
601	N06601 2.4851	SSI CMn Al Cu	Fe	Cr	Ni	
		Si ≤ 0.50%Mn ≤ 1.00%Cu ≤ 1.00%	Cra	21.0% ~ 25.0%		
		S ≤ 0.015%C: 0.03% ~ 0.08%N: 0.0	/2% ~ 0.07%AI: 0.80% ~	1.70%Fe: 6.9% ~ 15.1%	Ni: 58.0% ~ 63.0	196
601GC	/	S SI C Mn N Zr Al Cu	Fe	Cr	Ni	
		Si ≤ 1.00%Mn ≤ 1.00%Zr: 0.070%	- 0.250%Cu ≤ 1.00%Cr:	23.0% ~ 25.0%		
	N06025	S ≤ 0.010%C: 0.15% ~ 0.25%P ≤ 0.	020%Al: 1.8% ~ 2.4%Cu	ı ≤ 0.10%Fe: 8.0% ~ 11.0%		
602CA	2.4633	SSI C Mn PZr Al Ti Cu Y	Fe	Cr	Ni	
		Si ≤ 0.50%Mn ≤ 0.15%Zr: 0.01% ~	0.10%Ti: 0.1% ~ 0.2%Y	: 0.05% ~ 0.12%Cr: 24.0%	~ 26.0%Ni: 59.2% ~ 65.9%	
		Si ≤ 2.00%Mn ≤ 0.30%Al ≤ 0.50%N			Ni: 69.3% ~ 77.3% Ni	
603XL	/	SI CMn EAI TI Mo	Cr		NI	
		C ≤ 0.30% lare Earth ≤ 0.10% Ti ≤ 0	0.50%Cr: 15.0% ~ 23.09	6		
		S ≤ 0.015%C: 0.05% ~ 0.15%B ≤ 0.	006WTi < 0.600/Co. 10	09/ ~ 1E 09/Eo < 3 09/		Ni ≥ 44.5%
C47	N06617	S SI CMn a Al Ti Cu	Co.	Mo Fe	Cr	Ni Ni
617	2.4663a	Si ≤ 1.00%Mn ≤ 1.00%Al: 0.80% ~			Cr: 20.0% ~ 24.0%	
		31 3 1.00/MWIII 3 1.00/MAI. 0.80/M	1.50/scu 3 0.30/sivio. 8	5.0% 10.0%	CI. 20.076 24.076	
		S ≤ 0.015%C ≤ 0.10%P ≤ 0.015%Ti	< 0.40%Nb + Ta: 3.159	6 ~ 4.15% Mo: 8.0% ~ 10.09	KCr: 20.0% ~ 23.0%	
625	N06625	SSI CMnPAI TI Co NbTa	Mo F			Ni
023	2.4856	Si ≤ 0.50%Mn ≤ 0.50%Al ≤ 0.40%C			_	58.0%

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		S ≤ 0.015%C ≤ 0.03%P ≤ 0.01	5%AI ≤ 0.40%Co ≤	1.00%Nb + Ta: 3	.15% ~ 4.15%Fe ≤ 5.0%	Ni	≥ 58.0%	
625LCF	N06626 2.4856	SSICMnPNAI TI Co Nb	Ta Mo				Ni	
	2.4030	Si ≤ 0.15%Mn ≤ 0.50%N ≤ 0.0	02%Ti ≤ 0.40%Nb -	+ Ta: 3.15% ~ 4.1!	5%Mo: 8.0% ~ 10.0%Cr:	20.0% ~ 23.0%		
		S ≤ 0.020%C ≤ 0.01%P ≤ 0.04	0%W: 3.0% ~ 4.49	% Fe ≤ 5.0%		Ni: 49.55	% ~ 62.9%	
686	N06686 2,4606	S SIC Mn P TI W		Fe			Ni	
	2.4000	Si ≤ 0.08%Mn ≤ 0.75%Ti: 0.0	2% ~ 0.25%Mo: 15	5.0% ~ 17.0% Cr: 1	9.0% ~ 23.0%			
		S ≤ 0.015%C ≤ 0.05%Cu ≤ 0.5	0% Cr: 27.0	0% ~ 31.0%				
690	N06690 2,4642	ssi C Mn Cu Fe				Ni		
	2.4042	Si ≤ 0.50%Mn ≤ 0.50%Fe: 7.0	96~11.0%		N	i ≥ 58.0%		
		S ≤ 0.010%C ≤ 0.15%Al: 2.50	% ~ 4.00%Cu ≤ 0.5	60%Fe: 2.5% ~ 6.0	%	Ni: 53.3% ~ 6	64.3%	
693	N06693	ssi CMn Al Ti	Cu Nb Fe		Cr	Ni		
		Si ≤ 0.50%Mn ≤ 1.00%Ti ≤ 1.0	00%Nb: 0.50% ~ 2	.50%Cr: 27.0% ~ :	31.0%			
		S ≤ 0.015%C ≤ 0.06%P ≤ 0.02	0%AI ≤ 0.40%Cu ≤	0.30% Nb: 2.5% 1	3.3% Fe ≥ 32.5%		Ni: 39.0% ~ 44.0%	
706	N09706		0%Al ≤ 0.40%Cu ≤	0.30% Nb: 2.5% * Fe	*3.3%Fe ≥ 32.5%	Cr	Ni: 39.0% ~ 44.0% Ni	
706	N09706		lo Nb Ta	Fe		Cr		
706	N09706	SSI C Mn PB AI TI Cu C	lo Nb Ta	Fe		Cr		
706		SSI C Mn PB AI TI Cu C	0 Nb Ta	Fe .00%Co ≤ 1.00%Ta	a ≤ 0.05%Cr: 14.5% ~ 17	Cr 7.5%	Ni	
706 718	N09706 N07718 2.4668	Si ≤ 0.35%Mn ≤ 0.35%B ≤ 0.0	06%Ti: 1.50% ~ 2.	Fe .00%Co ≤ 1.00%Ti	a ≤ 0.05%Cr: 14.5% ~ 17 + Ta: 4.75% ~ 5.50%Mi	Cr 7.5%	Ni	
	N07718	SSI C Mn P8 AI TI Cu C SI ≤ 0.35%Min ≤ 0.35%B ≤ 0.0 S ≤ 0.015%C ≤ 0.08%P ≤ 0.01	06%Ti: 1.50% ~ 2.5%Al: 0.20% ~ 0.8	Fe .00%Co≤1.00%To .00%Cu≤0.30%Nb	a ≤ 0.05%Cr: 14.5% ~ 17 + Ta: 4.75% ~ 5.50%(Mi	Cr 7.5% o: 2.80% ~ 3.30%Cr: 17.0% Cr	Ni ~21.0% Ni	
	N07718	SSI C Mn PB AI TI CU C SI ≤ 0.35%Mn ≤ 0.35%B ≤ 0.0 S ≤ 0.015%C ≤ 0.08%P ≤ 0.01 SSI C Mn PB AI TI CU C	06%Ti: 1.50% ~ 2.5%Al: 0.20% ~ 0.8	Fe .00%Co≤1.00%To .00%Cu≤0.30%Nb	a ≤ 0.05%Cr: 14.5% ~ 17 + Ta: 4.75% ~ 5.50%(Mi	Cr 7.5% o: 2.80% ~ 3.30%Cr: 17.0% Cr	Ni ~21.0% Ni	
	N07718	SSI C Mn PB AI TI CU C SI ≤ 0.35%Mn ≤ 0.35%B ≤ 0.0 S ≤ 0.015%C ≤ 0.08%P ≤ 0.01 SSI C Mn PB AI TI CU C	106%Ti: 1.50% ~ 2. 5%Al: 0.20% ~ 0.8 Nb Ta Mo 106%Ti: 0.65% ~ 1.	Fe .00%Co ≤ 1.00%Ti .0%Cu ≤ 0.30%Nb 	a < 0.05%Cr: 14.5% ~ 17 + Ta: 4.75% ~ 5.50%M b + Ta: 4.75% ~ 5.50%F	Cr 2.5% 0: 2.80% ~ 3.30%Cr: 17.0% Cr e: 11.1% ~ 22.5%Ni: 50.0%	Ni	
	N07718	Si C Mn PB Al TI Cu C Si S 0.35%Mn S 0.35%B S 0.0 S S 0.015%C S 0.08%P S 0.01 SSI C Mn PB Al TI Cu C Si S 0.35%Mn S 0.35%B S 0.0	20 Nb Ta 106%Ti: 1.50% ~ 2. 5%Al: 0.20% ~ 0.8 20 Nb Ta MG 106%Ti: 0.65% ~ 1. 5%N ≤ 0.01%Ti: 0.	Fe .00%Co ≤ 1.00%Ti .0%Cu ≤ 0.30%Nb .0 Fe .15%Co ≤ 1.00%N	a < 0.05%Cr: 14.5% ~ 17 + Ta: 4.75% ~ 5.50%M b + Ta: 4.75% ~ 5.50%F	Cr 7.5% o: 2.80% ~ 3.30%Cr: 17.0% Cr e: 11.1% ~ 22.5%Ni: 50.0%	Ni ~21.0% Ni ~55.0%	
718	N07718 2.4668	SSI C Mn Pa AI 11 Cu C SI SI 0.35%Mn S 0.35%B S 0.0 SS 0.015%C S 0.08%P S 0.01 SSI C Mn Pa AI 11 Cu C SI S 0.35%Mn S 0.35%B S 0.0 SS 0.002%C S 0.05%P S 0.01	20 Nb Ta 1006%Ti: 1.50% = 2. 5%Al: 0.20% = 0.8 0 Nb Ta Mc 1006%Ti: 0.65% = 1. 5%N \leq 0.01%Ti: 0. 5 Nb Ta M	Fe .00%Co≤1.00%Ti .00%Cu≤0.30%Nb .00%Cu≤0.30%Nb .15%Co≤1.00%N .15%Co≤1.00%N .65%~1.15%Co≤ .00 Fe	a ≤ 0.05%Cr: 14.5% ~ 17 + Ta: 4.75% ~ 5.50%M b + Ta: 4.75% ~ 5.50%F 1.00%Ta ≤ 0.05%Fe ≥ 1	Cr 7.5% o: 2.80% ~ 3.30%Cr: 17.0% Cr e: 11.1% ~ 22.5%Ni: 50.0%	Ni -21.0% Ni -55.0% Ni: 50.0% -55.0% Ni	

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		$S \le 0.010\%C \le 0.03\%P \le 0.01$	5%Ti: 1.00% ~ 1.	70%Mo: 7.0% ~ 9.59	Cr: 19.0% ~ 22.5%		
725	N07725	S SI CMnP Al TI Nb	Mo			Ni	
		Si ≤ 0.20%Mn ≤ 0.35%Al ≤ 0.	35%Nb: 2.75% ~	4.00%Fe: 2.3% ~ 14.	3%	Ni: 55.0% ~	59.0%
		5 \$ 0.030%C: 0.005% ~ 0.085	SP ≤ 0.030%AI: 0.	20% ~ 2.00%Cu ≤ 0.	50%Nb + Ta: 0.50% ~ 2	2.50%Mo ≤ 2.0%Cr: 23.5% ~ 2	
740H	N07740	S SI CMn Po Al Ti	Cu		Mo Fe	Cr	Ni
		Si ≤ 1.00%Mn ≤ 1.00%B: 0.0	0.0060%	1: 0.50% ~ 2.50% Co :	15.0% ~ 22.0%Nb + Ti	a: 0.50% ~ 2.50%Fe ≤ 3.00%	Ni ≥ 37.9%
		S ≤ 0.010%C ≤ 0.08%Al: 0.40	% ~ 1.00%Cu ≤ 0.	50%Nb + Ta: 0.70%	~ 1.20%Fe: 5.0% ~ 9.0	%Ni ≥ 70.0%	
X-750	N07750 2,4669	ssi CMn Al Ti C	Co NbTa	Fe	Cr	Ni	
	2.4003	Si ≤ 0.50%Mn ≤ 1.00%Ti: 2.2	5% ~ 2.75%Co ≤ 1	1.00%Nb + Ta: 0.709	~ 1.20%Cr: 14.0% ~ 1	7.0%	
		S ≤ 0.010%C ≤ 0.10%Al: 0.90	% ~ 1.50%Cu ≤ 0.	50%Nb + Ta: 0.70%	1.20% Fe: 5.0% ~ 9.0	%Ni + Co ≥ 70.0%	
751	N07751	ssi CMn Al Ti	Cu Co NeTa	Fe	Cr	Ni	
		Si ≤ 0.50%Mn ≤ 1.00%Ti: 2.0	0% ~ 2.60%Ni + C	o ≥ 70.0%Nb + Ta: 0	.70% ~ 1.20%Cr: 14.09	% ~ 17.0%	
		C ≤ 0.05%Ti ≤ 0.50%Fe ≤ 1.0	16		Ni = 78.0%		
MA754	N07754	cal Ti Y ₂ O ₁ Fe	Cr		Ni		
		Al ≤ 0.30%Y2O3 = 0.60%Cr =	20.0%				
		C < 0.05%Ti < 0.50%Fe < 1.0	16.		Ni = 67.6%		
MA758	/	cal Ti Y,O, Fe	Cr		Ni		
		Al ≤ 0.30%Y2O3 = 0.60%Cr =	30.0%				
		S ≤ 0.005%C ≤ 0.03%P ≤ 0.01	5%AI: 5.00% ~ 6.	00%Cu ≤ 0.50% Nb :	2.50% ~ 3.50%Fe: 24.0	% ~ 27.0%	Ni: 26.0% ~ 30.0%
783	R30783	SSI C Mn PB Al Ti	Cu	Со	Nb Ta	Fe Cr	Ni
		Si ≤ 0.50%Mn ≤ 0.50%B: 0.0	03% ~ 0.012%Ti ≤	0.40%Co ≥ 28.0%Ta	≤ 0.05%	Cr: 2.5% ~ 3	3.5%

INCOLOY

800	N08800 1.4876	s si C Mn Al Ti Cu Fe	Cr	Ni	
		Si ≤ 1.00%Mm ≤ 1.50%Ti: 0.15% ~ 0.60%Fe ≥ 39.5%		Ni: 30.0% ~ 35.0%	
		S ≤ 0.015%C: 0.05% ~ 0.10%Al: 0.15% ~ 0.60%Cu ≤ 0.75%	Cr: 19.0% ~ 23.0%		
800H	N08810 1,4958	S SI C Mn Al Ti Cu Fe	Cr	Ni	
		Si ≤ 1.00%Mn ≤ 1.50%Ti: 0.15% ~ 0.60%Fe ≥ 39.5%		Ni: 30.0% ~ 35.0%	
		S ≤ 0.015%C ≤ 0.06% ~ 0.10%Al + Ti: 0.85% ~ 1.20%Cu ≤ 0.75%	Cr: 19.0% ~ 23.0%		
800HT	N08811	S SI C Mn Al Ti Cu Fe	Cr	Ni	
		Si ≤ 1.00%Mn ≤ 1.50%Al + Ti: 0.85% ~ 1.20%Fe ≥ 39.5%		Ni: 30.0% ~ 35.0%	
		\$ ≤ 0.015%C: 0.06% ~ 0.10%P ≤ 0.045%Ti: 0.15% ~ 0.60%Fe: 29.4%	~ 39.4%	Ni: 32.0% ~ 37.0%	
803	\$35045	S ≤ 0.015%C: 0.06% ~ 0.10%P ≤ 0.045%Ti: 0.15% ~ 0.60%Fe: 29.4% S SI C Mn PAL TI Cu Fe	~39.4% Cr	Ni: 32.0% ~ 37.0% Ni	
803	\$35045				
803	\$35045	s si c Mn PAI TI cu Fe	Cr		
803		s si c Mn PAI TI cu Fe	Cr		
803 825	\$35045 N08825 2.4858	S S C Mn PAI 11 Cu Fe Si \$ 1.00%Mn \$ 1.50%Al: 0.15% ~ 0.60%Cu \$ 0.75%	Cr	Ni	
	N08825	S S C Mn PAI 11 Cu Fe Si S 1.00%Mn S 1.50%Al: 0.15% ~ 0.60%Cu S 0.75% S S 0.030%C S 0.05%Al S 0.20%Cu: 1.50% ~ 3.00%Fe ≥ 22.0%	Cr: 25.0% ~ 29.0%	Ni Ni: 38.0% ~ 46.0%	
	N08825	Si	Cr Cr: 25.0% ~ 29.0% Cr	Ni Ni: 38.0% ~ 46.0%	
	N08825	Si	Cr Cr: 25.0% ~ 29.0% Cr	Ni Ni: 38.0% ~ 46.0%	
	N08825	S C Mn Pu	Cr Cr: 25.0% ~ 29.0% Cr	Ni Ni: 38.0% ~ 46.0% Ni	

S ≤ 0.015%C ≤ 0.10%Al: 0.15% ~ 0.60%Cu ≤ 0.75%

INCOLOY

		S ≤ 0.015%C ≤ 0.08%P ≤ 0.045%Cu ≤ 0.75%Fe: 25	9.1% ~ 43.9%		Ni: 30.0% ~ 38.0%
864	\$35135	s SI CMn P TI Cu Mo		Cr	Ni
		Si: 0.6% ~ 1.0%Mn ≤ 1.00%Ti: 0.40% ~ 1.00%Mo	: 4.0% ~ 4.8%	Cr: 20.0% ~ 25.0%	
		S ≤ 0.015%C: 0.06% ~ 0.14%P ≤ 0.030%Ti: 0.15%	~ 0.60%Nb: 0.20% ~ 1.00%Mo:	1.0% ~ 2.0%Cr: 23.5% ~ 28.	
890	N08890	S Si C Mn PAI TI Cu NbTa Mo	Fe	Cr	Ni
		Si: 1.0% ~ 2.0%Mn ≤ 1.50%Al: 0.05% ~ 0.60%Cu Al: 0.30% ~ 1.15%Co: 13.0% ~ 17.0%	≤ 0.75%Ta: 0.10% ~ 0.60%Fe ≥ 1 Fe: 36.5% ~ 47.3%	17.3%	Ni: 40.0% ~ 45.0%
903	N19903	Al Ti Co Nb	Fe	Ni	
		Ti: 1.00% ~ 1.85% Nb: 2.40% ~ 3.50% Si: 0.07% ~ 0.35% Ti: 1.30% ~ 1.80% Nb: 4.30% ~ 7.80% Nb: 4.30% Nb:		Ni: 36.0% ~	
907	N19907	SIAL TI CO Nh	Fe	Ni. 55.0%	
307		Al ≤ 0.20%Co: 12.0% ~ 16.0%	Fe: 36.5% ~ 47.1%		
		S ≤ 0.005%C ≤ 0.03%P ≤ 0.015%Al: 0.75% ~ 1.25	%Cu ≤ 0.50% Nb: 2.70% ~ 3.30%	Cr: 3.75% ~ 4.50%	
908	N09908	SSI C Mn PB AI TI CuCo Nb		Cr	Ni
		Si ≤ 0.50%Mn ≤ 1.00%8 ≤ 0.012%Ti: 1.20% ~ 1.8	0%Co ≤ 0.50%Fe ≥ 36.1%		Ni: 47.0% ~ 51.0%
		S ≤ 0.015%C ≤ 0.06%P ≤ 0.015%AI ≤ 0.15%Cu ≤ 0	.50%Nb: 4.30% ~ 5.20%Fe: 36.3	% ~ 46.9%	Ni: 35.0% ~ 40.0%
909	N19909	SSI C Mn PB AI TI Cu Co	Nb Ta	Fe	Cr Ni
		Si: 0.25% ~ 0.50%Mn ≤ 1.00%B ≤ 0.012%Ti: 1.30	% ~ 1.80%Co: 12.0% ~ 16.0%Ta	≤ 0.05% Cr	≤ 1.0%

INCOLOY

		S ≤ 0.030%C ≤ 0.03%P ≤	0.030%Ti: 1.90% ~	2.40%Nb ≤ 0.50%Fe ≥ 22.0%		Ni: 42.0% ~ 46.0%
25	N09925	SSI CMn PAI TI	Cu Nb M		Cr	Ni
		Si ≤ 0.50%Mn ≤ 1.00%Al	: 0.10% ~ 0.50%Cu	u: 1.50% ~ 3.00%Mo: 2.50% ~ 3.50	0%Cr: 19.5% ~ 22.5%	
		S ≤ 0.010%C ≤ 0.02%P ≤	0.030%Cu: 0.50%	~ 1.50%Fe: 41.7% ~ 47.8%		Ni: 24.0% ~ 26.0%
26	N08926 1,4529	SSI C Mn PN Cu			Cr	Ni
		Si ≤ 0.50%Mn ≤ 2.00%N:	0.15% ~ 0.25%Md	o: 6.0% ~ 7.0%	Cr: 19.0% ~ 21.0%	
		S ≤ 0.030%C: 0.005% ~ 0	.040%P ≤ 0.030%T	Fi: 0.50% ~ 2.50%Nb: 2.50% ~ 4.50	0%Fe: 5.7% ~ 28.0%	Ni: 45.0% ~ 55.0%
15	N09945	SSI CMn PAI TI	Cu Nb		Cr	Ni
		5 ≤ 0.030%C: 0.005% ~ 0	.030%P ≤ 0.030%T	Ti: 0.50% ~ 2.50% Nb: 3.50% ~ 4.50	0% Fe: 6.2% ~ 20.4%	Ni: 50.0% ~ 55.0%
5X	N09946	S≤ 0.030%C: 0.005% ~ 0	.030%P ≤ 0.030%T	Ti: 0.50% ~ 2.50% Nb: 3.50% ~ 4.50 Mo Fe	0%Fe: 6.2% ~ 20.4% Cr	Ni: 50.0% ~ 55.0% Ni
		SSI CMn PAI TI SI ≤ 0.50%Mn ≤ 1.00%AI C ≤ 0.10%P ≤ 0.020%Ti: (Cu Nb : 0.01% ~ 0.70%Cu 0.20% ~ 0.60%Y20	Mo Fe u: 1.50% ~ 3.00%Mo: 3.0% ~ 4.0% 03: 0.3% ~ 0.70%Fe: 70.1% ~ 75.99	Cr Cr: 19.5% ~ 22.5%	
	N09946 S67956	SSI CMn PAI TI SS $\leq 0.50\%$ Mn $\leq 1.00\%$ AI $C \leq 0.10\%$ P $\leq 0.020\%$ TI: CMnP AI TI CAY	Cu Nb : 0.01% ~ 0.70%Cu 0.20% ~ 0.60%Y2O 9 Go	Mo Fe u: 1.50% ~ 3.00%Mo: 3.0% ~ 4.0% 03: 0.3% ~ 0.70%Fe: 70.1% ~ 75.9! Fe	Cr Cr: 19.5% ~ 22.5% %	Ni ≤ 0.5%
		Si CMn PAI TI Si ≤ 0.50%Mn ≤ 1.00%Al C ≤ 0.10%P ≤ 0.020%TH C CMnP AI TI Cuy Mn ≤ 0.30%Al: 3.75% = 9	cu Nb : 0.01% ~ 0.70%Cu 0.20% ~ 0.60%Y2O 9 Co 5.75%Cu ≤ 0.15%C	Mo Fe u: 1.50% ~ 3.00%Mo: 3.0% ~ 4.0% 03: 0.3% ~ 0.70%Fe: 70.1% ~ 75.9! Fe	Cr Cr: 19.5% ~ 22.5% % Cr Cr: 18.5% ~ 21.5	Ni ≤ 0.5%
15X A956		Si CMn PAI TI Si ≤ 0.50%Mn ≤ 1.00%Al C ≤ 0.10%P ≤ 0.020%TH C CMnP AI TI Cuy Mn ≤ 0.30%Al: 3.75% = 9	cu Nb : 0.01% ~ 0.70%Cu 0.20% ~ 0.60%Y2O 9 Co 5.75%Cu ≤ 0.15%C	Mo Fe 1: 1.50% ~ 3.00% Mo: 3.0% ~ 4.0% 33: 0.3% ~ 0.70% Fe: 70.1% ~ 75.99 Fe 10: 5.030%	Cr Cr: 19.5% ~ 22.5% % Cr Cr: 18.5% ~ 21.5	Ni

INCOLOY

		S ≤ 0.035%C ≤ 0.07%P ≤ 0.04	5%Nb + Ta: 8*C%	~ 1.00%Mo: 2.0% ~ 3.0%	Cr: 19.0%	21.0%	
020	N08020 2,4660	S SI C Mn P Cu s	Mo Mo				Ni
		Si ≤ 1.00%Mn ≤ 2.00%Cu: 3.0	00% ~ 4.00%Nb + T	a: 8*C% ~ 1.00%Fe: 29.5	9% ~ 44.0%		Ni: 32.0% ~ 38.0%
		S ≤ 0.030%C ≤ 0.03%P ≤ 0.03	0% Mo: 3.0% ~ 4.0	%	Cr: 26.0% ~ 28.09	6	
028	N08028 1.4563	S Si C Mn P Cu N	Ло	Fe	Cr		Ni
		Si ≤ 1.00%Mn ≤ 2.50%Cu: 0.6					ii: 30.0% ~ 34.0%
		S ≤ 0.030%C ≤ 0.10%Ti ≤ 0.20)%Ni + Co: 34.5% ~	41.0%	Cr: 17.0% ~ 19.	0%	
DS	1.4862	S Si CMn Ti Cu	Co	Fe	Cr		Ni
		Si: 1.90% ~ 2.60%Mn: 0.80%	~ 1.50%Cu ≤ 0.509	%Fe: 35.1% ~ 45.0%		Ni	+ Co: 34.5% ~ 41.0%
		S ≤ 0.030%C ≤ 0.08%P ≤ 0.03	0% Fe: 39.4% ~ 46.:	1%		Ni: 34.0%	5 ~ 37.0%
330	N08330 1.4886	S ≤ 0.030%C ≤ 0.08%P ≤ 0.03 S Si C Mn P Cu	0% Fe: 39.4% ~ 46.: Fe		Cr	Ni: 34.0%	
330		S SI C Mn P Cu Si: 0.75% ~ 1.50%Mn ≤ 2.00%	Fe %Cu ≤ 1.00%		Cr Cr: 17.0% ~ 20.0%	1000	li e e e e e e e e e e e e e e e e e e e
	1.4886	S SI C Mn P Cu Si: 0.75% ~ 1.50%Mn ≤ 2.009 S ≤ 0.030%C ≤ 0.03%P ≤ 0.04	Fe %Cu ≤ 1.00% 0%Cu ≤ 0.75%Fe: 4	11.4% ~ 50.3%	-	N	li Ni: 23.5% ~ 25.5%
330 25-6HN		S SI C Mn P Cu SI: 0.75% ~ 1.50%Mn ≤ 2.009 S ≤ 0.030%C ≤ 0.03%P ≤ 0.04 S SI C Mn P N Cu	Fe %Cu ≤ 1.00% 0%Cu ≤ 0.75%Fe: 4 Mo	41.4% ~ 50.3% Fe	Cr: 17.0% ~ 20.0%	Cr	li e e e e e e e e e e e e e e e e e e e
	1.4886	S SI C Mn P Cu Si: 0.75% ~ 1.50%Mn ≤ 2.009 S ≤ 0.030%C ≤ 0.03%P ≤ 0.04	Fe %Cu ≤ 1.00% 10%Cu ≤ 0.75%Fe: 4 Mo 8% ~ 0.25%Mo: 6.0	\$1.4% ~ 50.3% Fe 9% ~ 7.0%	Cr: 17.0% ~ 20.0%	N	li Ni: 23.5% ~ 25.5%
	1.4886	Si C Mn P Cu Si: 0.75% ~ 1.50%Mn < 2.00% S < 0.030%C < 0.03%P < 0.04 Si C Mn P N Cu Si S 1.00%Mn < 2.00%N: 0.11	Fe %Cu ≤ 1.00% 10%Cu ≤ 0.75%Fe: 4 Mo 8% ~ 0.25%Mo: 6.0	\$1.4% ~ 50.3% Fe 9% ~ 7.0%	Cr: 17.0% ~ 20.0%	Cr	N: 23.5% ~ 25.5% Ni

Ni: 58.0% ~ 64.2%

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\$ < 0.030%C < 0.05%P < 0.040%V: 0.20% ~ 0.40%Mo: 26.0% ~ 30.0%

		S S 0.030%C S 0.05%P S 0.040%V: 0.20% ~ 0.40%Mc	5: 26.0% ~ 30.0%		Ni: 58.0% ~ 64.2%	
В	N10001	s si CMn P Co V Fe	Мо	Cr	Ni	
		Si ≤ 1.00%Mn ≤ 1.00%Co ≤ 2.50%Fe: 4.0% ~ 6.0% S ≤ 0.030%C ≤ 0.02%P ≤ 0.040%Fe ≤ 2.0%	Cr≤1.0%	Cr ≤ 1.0%		
	N10665					
B-2	2.4617	ssicMn P Co Fe Mo	Cr	Ni		
		Si ≤ 0.10%Mn ≤ 1.00%Co ≤ 1.00%Mo: 26.0% ~ 30.0%		Ni: 65.0%	~ 74.0%	
		S ≤ 0.010%C ≤ 0.01%P ≤ 0.030%AI ≤ 0.50%Cu ≤ 0.209	%Nb ≤ 0.20%V ≤ 0.2	20%Fe: 1.0% ~ 3.0%Cr: 1.	0% ~ 3.0%	
B-3	N10675 2.4600	SSIC Mn ParAl Ticu Co No Ta V W	Fe		Cr	Ni
		Si ≤ 0.10%Mn ≤ 3.00%2r ≤ 0.10%Ti ≤ 0.20%Co ≤ 3.00	1%Ta ≤ 0.20%W ≤ 3	.0%Mo: 27.0% ~ 32.0%	Ni:	65.0% ~ 71.0%
		S ≤ 0.030%C ≤ 0.08%P ≤ 0.040%V ≤ 0.35%Fe: 4.0% ~	7.0%	Cr: 14.5% ~ 16.5	%	
С	/	s si CMn P Co V W Fe				Ni
		Si ≤ 1.00%Mn ≤ 1.00%Co ≤ 2.50%W: 3.0% ~ 4.4%Mo	: 15.0% ~ 17.0%		Ni: 50.0	% ~ 58.0%
		S ≤ 0.030%C ≤ 0.015%P ≤ 0.040%Co ≤ 2.00%Mo: 14.	0%~17.0%		Ni: 58.2% ~ 72.0%	
C-4	N06455 2.4610	sCrMn P Ti Co Fe Mo			Ni	
		\$f\$\d0.08\ki\mi\maths21\ki00\ki\ti ≤ 0.70\kiFe ≤ 3.0\ki				
		S ≤ 0.020%C ≤ 0.015%P ≤ 0.020%V ≤ 0.35%Fe: 2.0%	~ 6.0%Cr: 20.0% ~ 3	22.5%		
C-22	N06022 2.4602	SSICMnP Co v W Fe M		Cr	Ni	
		Si ≤ 0.08%Mn ≤ 0.50%Co ≤ 2.50%W: 2.5% ~ 3.5%Mo	: 12.5% ~ 14.5%		Ni: 50.1% ~ 63.	0%

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		S ≤ 0.015%C ≤ 0.01%P ≤ 0.025%Al ≤ 0.50	%Co ≤ 1.00%W ≤ 0.8%Mo: 15	5.5% ~ 17.4%	Ni: 56.6%	~ 64.5%
C-22HS	N07022	SSICMnPB Al Cu Co TaW Fe			Ni	i
		Si ≤ 0.08%Mn ≤ 0.50%B ≤ 0.006%Cu ≤ 0.	50%Ta ≤ 0.20%Fe ≤ 1.8%Cr: 2	0.0% ~ 21.4%		
		S ≤ 0.030%C ≤ 0.01%P ≤ 0.040%V ≤ 0.35	%Fe: 4.0% ~ 7.0%	Cr: 14.5% ~ 16.5%		
C-276	N10276	SSIC Mn P Co V W F	e Mo	Cr	Ni	
		Si ≤ 0.08%Mn ≤ 1.00%Co ≤ 2.50%W: 3.0	% ~ 4.5%Mo: 15.0% ~ 17.0%		Ni: 51.0% ~	63.5%
		S ≤ 0.010%C ≤ 0.01%P ≤ 0.025%Cu: 1.30	% ~ 1.90%Fe ≤ 3.0%Cr: 22.0%	~ 24.0%		
C-2000	N06200 2.4675	ssicMnPAI Cu Co Fe		Cr	Ni	
	2.4073	Si ≤ 0.08%Mn ≤ 0.50%Al ≤ 0.50%Co ≤ 2.1	00%Mo: 15.0% ~ 17.0%		Ni: 51.0% ~ 61	1.7%
		S ≤ 0.030%C ≤ 0.015%P ≤ 0.040%Co ≤ 5.	00%Nb + Ta ≤ 0.50%Fe: 18.0%	~ 21.0%	Cr: 21.0% ~ 23.5%	
G-3	N06985	S ≤ 0.030%C ≤ 0.015%P ≤ 0.040%Co ≤ 5.0 S Si CMn P Cu Co	00%Nb + Ta ≤ 0.50%Fe: 18.0% W Fe	5 ~ 21.0% Mo	Cr: 21.0% ~ 23.5% Cr	Ni
G-3	N06985		w Fe	Mo		Ni Ni: 36.9% ~ 45.4%
G-3	N06985	S SI CMn P Cu Co	w Fe	Mo		
G-3	N06985	S SI CMn P Cu Co	w Fe 6Nb + Ta ≤ 0.50%W ≤ 1.5%Mo	Mo :: 6.0% ~ 8.0%	Cr	
	N06030	S SI CMn P Cu Co Si ≤ 1.00%Mn ≤ 1.00%Cu: 1.50% ~ 2.50%	W Fe Nb + Ta ≤ 0.50%W ≤ 1.5%Mo 0%Nb + Ta: 0.30% ~ 1.50%Fe:	Mo :: 6.0% ~ 8.0%	Cr	
G-30		S SI CMn P Cu Co Si ≤ 1.00%Mn ≤ 1.00%Cu: 1.50% ~ 2.50% S ≤ 0.020%C ≤ 0.03%P ≤ 0.040%Co ≤ 5.0	W Fe Nb+Ta≤0.50%W≤1.5%Mo Nb+Ta: 0.30% ~1.50%Fe: W Fe	Mo :: 6.0% ~ 8.0% 13.0% ~ 17.0%Cr: 28.0% Mo	Cr ~31.5% Cr	Ni: 36.9% ~ 45.4%
	N06030	S SI CMn P Cu Co SI ≤ 1.00%Mn ≤ 1.00%Cu: 1.50% ~ 2.50% S ≤ 0.020%C ≤ 0.03%P ≤ 0.040%Co ≤ 5.0 S SI CMn P Cu Co N87a	W Fe Nb+Ta≤0.50%W≤1.5%Mo Nb+Ta: 0.30% ~1.50%Fe: W Fe	Mo :: 6.0% ~ 8.0% 13.0% ~ 17.0%Cr: 28.0% Mo	Cr ~31.5% Cr	Ni: 36.9% ~ 45.4%
	N06030	S SI CMn P Cu Co SI ≤ 1.00%Mn ≤ 1.00%Cu: 1.50% ~ 2.50% S ≤ 0.020%C ≤ 0.03%P ≤ 0.040%Co ≤ 5.0 S SI CMn P Cu Co N87a	w Fe (Nb+Ta: 0.50%W ≤ 1.5%Mc 0%Nb+Ta: 0.30% ~ 1.50%Fe: w Fe (Nb+Ta: 0.30% ~ 1.50%W: 1.	Mo : 6.0% ~ 8.0% 13.0% ~ 17.0%Cr: 28.0% Mo 5% ~ 4.0%Mo: 4.0% ~ 6.0	Cr ~31.5% Cr	Ni: 36.9% ~ 45.4%
G-30	N06030	S CMn C C C C S S 1.00% Ms 1.00% Cu: 1.50% - 2.50% C S CMn C C C C C C C C C C C C C C C C C C	w Fe (Nb+Ta: 0.50%W ≤ 1.5%Mc 0%Nb+Ta: 0.30% ~ 1.50%Fe: w Fe (Nb+Ta: 0.30% ~ 1.50%W: 1.	Mo : 6.0% ~ 8.0% 13.0% ~ 17.0%Cr: 28.0% Mo 5% ~ 4.0%Mo: 4.0% ~ 6.0	Cr ~31.5% Cr	Ni: 36.9% ~ 45.4%
	N06030 2.4603	S CMA C C C Si \$1.00%Mm \$1.00%Cu: 1.50% ~ 2.50% S\$ 0.020%C \$0.03%F \$0.040%Co \$5.0 S\$ CMA C C C NSTS S\$ CMA C C C NSTS S\$ CMA C C C NSTS S\$ 0.00%CS 0.00%CS 0.00%CO \$2.40%	W Fe NNb+Ta < 0.50%W \$ 1.5%Mc 0%Nb+Ta : 0.30% ~ 1.50%Fe: W Fe NNb+Ta : 0.30% ~ 1.50%W: 1. 0%V \$ 0.20%Fe \$ 2.0%Cr: 32.2	Mo 13.0% = 17.0%Cr: 28.0% 13.0% = 17.0%Cr: 28.0% Mo 5% = 4.0%Mo: 4.0% = 6.0 25% = 34.25% Cr	Cr 31.5% Cr	N: 36.9% - 45.4% Ni N: 30.2% - 47.2%

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