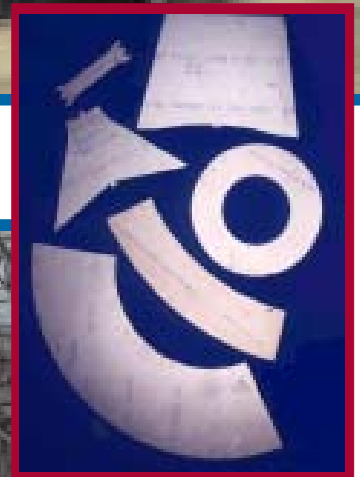


HAYNES

International

Heat- and Corrosion-Resistant Alloys



HASTELLOY® Family of Corrosion-Resistant Alloys

HASTELLOY B-2 alloy (N10665)	69Ni ^a -28Mo-2Fe ^a -1Co ^a -1Cr ^a -1Mn ^a -0.1Si ^a -0.01C ^a Superior resistance to hydrochloric acid, aluminum chloride catalysts, and other strongly reducing chemicals.
HASTELLOY B-3® alloy (N10675)	65Ni ^b -28.5Mo-1.5Cr-1.5Fe-3Co ^a -3Mn ^a -3W ^a -0.5Al ^a -0.2Ti ^a -0.1Si ^a -0.01C ^a Same excellent resistance to hydrochloric acid and other strongly reducing chemicals as B-2 alloy, but with significantly better thermal stability, fabricability, and stress corrosion cracking resistance.
HASTELLOY C-4 alloy (N06455)	65Ni ^b -16Cr-16Mo-0.7Ti-3Fe ^a -2Co ^a -1Mn ^a -0.08Si ^a -0.01C ^a High-temperature stability in the 1200-1900°F (650-1040°C) range as evidenced by good ductility and corrosion resistance. Virtually the same corrosion resistance as alloy C-276.
HASTELLOY C-22® alloy (N06022)	56Ni ^a -22Cr-13Mo-3Fe-3W-2.5Co ^a -0.5Mn ^a -0.35V ^a -0.08Si ^a -0.01C ^a Better overall corrosion resistance in oxidizing corrosives than C-4, C-276, and 625 alloys. Outstanding resistance to localized corrosion and excellent resistance to stress corrosion cracking. Best alloy to use as universal weld filler metal to resist corrosion of weldments.
HASTELLOY C-22HS® alloy	61Ni ^a -21Cr-17Mo-2*Fe-1*W-0.08*Si-0.01*C This alloy was designed to exhibit corrosion resistance comparable to other C-type alloys, but which can be heat treated to obtain approximately double the yield strength.
HASTELLOY C-276 alloy (N10276)	57Ni ^a -16Cr-16Mo-5Fe-4W-2.5Co ^a -1Mn ^a -0.35V ^a -0.08Si ^a -0.01C ^a Versatile, corrosion resistant alloy. Very good resistance to reducing and mildly oxidizing corrosives. Excellent stress corrosion cracking resistance with very good resistance to localized attack.
HASTELLOY C-2000® alloy (N06200)	59Ni ^a -23Cr-16Mo-1.6Cu-0.08Si ^a -0.01C ^a Most versatile, corrosion resistant alloy with excellent resistance to uniform corrosion in oxidizing or reducing environments. Excellent resistance to stress corrosion cracking and superior resistance to localized corrosion as compared to C-276 alloy.
HASTELLOY G-30® alloy (N06030)	43Ni ^a -30Cr-15Fe-5.5Mo-2.5W-5Co ^a -2Cu ^a -1.5Cb ^a -1.5Mn ^a -1Si ^a -0.03C ^a Many advantages over other metallic and non-metallic materials in handling phosphoric acid, sulfuric acid, nitric acid, fluoride environments, and oxidizing acid mixtures.
HASTELLOY G-35® alloy	58Ni ^a -33.2Cr-8.1Mo-2Fe ^a -0.6Si ^a -0.3Cu ^a -0.05C ^a Excellent resistance to corrosion in highly oxidizing media and acidic chloride environments.
HASTELLOY N alloy (N10003)	71Ni ^a -16Mo-7Cr-5Fe ^a -1Si ^a -0.8Mn ^a -0.5W ^a -0.5(Al+Ti) ^a -0.35Cu ^a -0.2Co ^a -0.08C ^a Good resistance to aging and embrittlement plus good fabricability. Excellent resistance to hot fluoride salts in the temperature range of 1300°F to 1600°F (705°C-870°C).

Corrosion-Wear Resistant Alloy

ULTIMET® alloy (R31233)	54Co ^a -26Cr-9Ni-5Mo-3Fe-2W-0.8Mn-0.3Si-0.08N-0.06C High yield strength alloy with excellent resistance to pitting corrosion and general corrosion, especially in oxidizing acids, coupled with exceptional wear resistance (cavitation erosion, galling, and abrasion).
-----------------------------------	---

HASTELLOY® Family of Heat-Resistant Alloys

HASTELLOY B alloy (N10001)	67Ni ^a -28Mo-5Fe-0.3V-2.5Co ^a -1Cr ^a -1Mn ^a -1Si ^a -0.5Cu ^a -0.05C ^a Material used in older gas turbines & rocket engines. Good strength at temperatures up to about 2000°F (1095°C), but limited to low temperatures by lack of oxidation resistance.
HASTELLOY S alloy (N06635)	67Ni ^a -16Cr-15Mo-0.5Mn-0.4Si-0.25Al-0.02La-3Fe ^a -2Co ^a -1W ^a -0.02C ^a -0.015B ^a Excellent thermal stability, good thermal fatigue resistance, good oxidation-resistance, and relatively low expansion characteristics. Used in low-stress gas turbine parts. Excellent dissimilar filler metal.
HASTELLOY W alloy (N10004)	63Ni ^a -24Mo-6Fe-5Cr-2.5Co ^a -1Mn ^a -1Si ^a -0.6V ^a -0.12C ^a Excellent for welding dissimilar high-temperature alloys. Used extensively in aircraft engine repair and maintenance.
HASTELLOY X alloy (N06002)	47Ni ^a -22Cr-18Fe-9Mo-1.5Co-0.6W-0.10C-1Mn ^a -1Si ^a -0.008B ^a Very good balance of strength, oxidation-resistance, and fabricability. Most widely used material for aircraft, marine and industrial gas turbine engine combustors, and fabricated parts.

HAYNES® Family of Heat-Resistant Alloys

HAYNES 25 alloy (R30605)	51Co ^a -20Cr-15W-10Ni-1.5Mn-0.10C-3Fe ^a -0.4Si ^a Excellent strength, good oxidation resistance to 1800°F (980°C), very good sulfidation resistance, and relatively good resistance to wear and galling. Used in gas turbine parts, bearings, and various industrial applications.
HAYNES R-41 alloy (N07041)	52Ni ^a -19Cr-11Co-10Mo-3.1Ti-1.5Al-0.09C-0.006B-5Fe ^a -0.5Si ^a -0.1Mn ^a Age-hardenable alloy with excellent strength in the 1000°F-1800°F (540°C-980°C) temperature range. Used for critical gas turbine engine components.
HAYNES 75 alloy (N06075)	76Ni ^a -20Cr-5Fe-0.4Ti-0.11C-1Mn ^a -1Si ^a -0.5Cu ^a Basic heat-resistant alloy used in low-stress gas turbine and industrial applications.
HAYNES HR-120® alloy (N08120)	33Fe ^a -37Ni-25Cr-0.7Mn-0.7Cb-0.6Si-0.2N-0.1Al-0.05C-0.004B-3Co ^a -2.5Mo ^a -2.5W ^a Economical high-strength alloy with good resistance to industrial environments. Designed for use in heat treating fixture and industrial heating applications as an upgrade from 330 alloy, 800H alloy and stainless steels. Excellent carburization and sulfidation resistance.
HAYNES HR-160® alloy (N12160)	37Ni ^a -29Co-28Cr-2.75Si-2Fe-0.5Mn-0.05C Outstanding resistance to sulfidation and other high-temperature aggressive environments. Used in waste incineration, boiler, high-temperature reaction vessel, and rotary calciner applications.
HAYNES 188 alloy (R30188)	39Co ^a -22Ni-22Cr-14W-0.35Si-0.10C-0.03La-3Fe ^a -1.25Mn ^a Excellent strength with superior oxidation resistance and thermal stability compared to HAYNES 25 alloy. Good sulfidation resistance. Used extensively in demanding military and civil aircraft gas turbine engine combustors and other key components.
HAYNES 214™ alloy (N07214)	75Ni ^a -16Cr-4.5Al-3Fe-0.05C-0.01Y-0.5Mn ^a -0.2Si ^a -0.1Zr ^a -0.01B ^a Outstanding oxidation resistance to 2300°F (1260°C), excellent resistance to carburization, and excellent resistance to chlorine-bearing environments. Used in demanding industrial heating applications and specialized gas turbine parts, such as honeycomb seals.
HAYNES 230® alloy (N06230)	57Ni ^a -22Cr-14W-2Mo-0.5Mn-0.4Si-0.3Al-0.10C-0.02La-5Co ^a -3Fe ^a -0.015B ^a Best balance of strength, thermal stability, oxidation resistance, thermal cycling resistance, and fabricability of any major high-temperature alloy. Used in gas turbine combustors and other key stationary components. Also used for heat treating and industrial heating applications, chemical/petrochemical process industry, and fossil energy plants. For welding, use 230-W™ filler wire.
HAYNES 242™ alloy (N10242)	65Ni ^a -25Mo-8Cr-2.5Co ^a -2Fe ^a -0.8Mn ^a -0.8Si ^a -0.5Al ^a -0.5Cu ^a -0.03C ^a -0.006B ^a Age-hardenable alloy with excellent strength to 1300°F (705°C), low thermal expansion characteristics, good oxidation resistance to 1500°F (815°C), and excellent fabricability. Also has excellent resistance to high-temperature fluorine and fluoride-bearing environments. Used in gas turbine seal rings, containment structures, and high-strength fasteners. Also used in fluoropolymer plastics production and CPI applications.
HAYNES 263 alloy (N07263)	52Ni ^a -20Co-20Cr-6Mo-0.06C-2.4Ti ^a -0.7Fe ^a -0.6Mn ^a -0.6Al ^a -0.4Si ^a -0.2Cu ^a Age-hardenable alloy with excellent strength in the 1000°F-1600°F (540°C-870°C) temperature range and excellent forming and welding characteristics.
HAYNES 282™ alloy	57Ni ^a -19.5Cr-10Co-8.5Mo-2.1Ti-1.5Al-1.5*Fe-0.3*Mn-0.15*Si-.06C-0.005B Unique superalloy which combines exceptional high temperature properties with good weldability and fabricability.
HAYNES 556™ alloy (R30556)	31Fe ^a -22Cr-20Ni-18Co-3Mo-2.5W-1Mn-0.6Ta-0.4Si-0.2N-0.2Al-0.1C-0.02Zr-0.02La High-strength alloy with broad spectrum of resistance to high-temperature corrosive environments. Used in waste incineration, heat-treating, calcining, chemical processing, galvanizing, refinery, boiler, and gas turbine components of various types. Excellent fabricability and excellent as a dissimilar filler metal for welding nickel or cobalt alloys to iron-base alloys.

HAYNES® Family of Heat-Resistant Alloys

HAYNES 617 alloy (N06617)	54Ni ^a -22Cr-12.5Co-9Mo-1Al-0.3Ti-0.07C Widely used in gas turbines for combustion cans, ducting, and transitions.
HAYNES 625 alloy (N06625)	62Ni ^a -21Cr-9Mo-3.7(Cb+Ta)-5Fe*-1Co*-0.5Si*-0.5Mn*-0.4Al*-0.4Ti*-0.10C* Widely used in various aerospace, chemical process, and industrial heating components.
HAYNES 625SQ® alloy (N06626)	62Ni ^a -21Cr-9Mo-3.7(Cb+Ta)-5Fe*-1Co*-0.15Si*-0.5Mn-0.4Al*-0.4Ti*0.03C*-0.02N* Widely used in the aerospace industry.
HAYNES 718 alloy (N07718)	52Ni ^a -19Fe-18Cr-5(Cb+Ta)-3Mo-0.9Ti-0.5Al-0.05C-0.009B-1Co*-0.35Mn*-0.35Si*-0.1Cu* Age-hardenable alloy with excellent strength to 1200°F (650°C). Used extensively in gas turbine components.
HAYNES X-750 alloy (N07750)	70Ni ^b -16Cr-8Fe-2.5Ti-1(Cb+Ta)-0.8Al-1Co*-0.5Cu*-0.35Mn*-0.35Si*-0.08C* Age-hardenable alloy with good strength to 1500°F (815°C).
MULTIMET® alloy (R30155)	30Fe ^a -21Cr-20Ni-20Co-3Mo-2.5W-1.5Mn-1(Cb+Ta)-0.15N-0.12C-1Si* Predecessor of 556™ alloy, used extensively in older aircraft gas turbines.
HAYNES Waspaloy (N07001)	58Ni ^a -19Cr-13.5Co-4.3Mo-3Ti-1.5Al-0.08C-0.006B-2Fe*-0.15Si*-0.1Mn*-0.1Cu*-0.05Zr Age-hardenable alloy with excellent strength in the 1000°F-1800°F (540°C-980°C) temperature range. Used for critical gas turbine engine components.

Wear-Resistant Alloy

HAYNES 6B alloy (R30006)	58Co ^a -30Cr-4W-2.5Ni-1.4Mn-1C-0.7Si-3Fe*-1.5Mo* A high-cobalt alloy which offers hardness, strength, and wear resistance even at red heat 900°F (480°C).
------------------------------------	--

HAYNES® Titanium Tubulars

HAYNES Ti-3Al-2.5V alloy (R56320)	94Ti ^a -3Al-2.5V-0.25Fe*-0.120H** ^b -0.05C*-0.02N* Alloy used where strength/weight ratio is of prime importance (43 percent lighter than 21-6-9 stainless steel). Used mostly in the form of seamless tubing for aircraft hydraulic systems.
---	---

^aAs balance ^bMinimum ^cMaximum ^dMaximum varies with specification

APPLICABLE SPECIFICATIONS

	Sheet, Plate & Strip	Billet Rod/Bar	Covered Electrodes	Bare Welding Rods	Seamless Pipe & Tube	Welded Pipe & Tube	Fittings	Forgings
HASTELLOY B-2 alloy (N10665)	SB 333/B 333	SB 335/B 335	SFA 5.11 (ENiMo-7) A 5.11 (ENiMo-7) DIN 2.4616 (EL-NiMo29)	SFA 5.14 (ERNiMo-7) A 5.14 (ERNiMo-7) DIN 2.4615 (SG-NiMo27)	SB 622/B 622	SB 619/B 619 SB 626/B 626	SB 366/B 366 B 462 B 472	
HASTELLOY B-3® alloy (N10675)	SB 333/B 333	SB 335/B 335	SFA 5.11 (ENiMo-10) A 5.11 (ENiMo-10) DIN 2.4696 (EL-NiMo28Cr)	SFA 5.14 (ERNiMo-10) A 5.14 (ERNiMo-10) DIN 2.4695 (SG-NiMo30Cr)	SB 622/B 622	SB 619/B 619 SB 626/B 626	SB 366/B 366 B 462 B 472	SB 564/B 564
HASTELLOY C-4 alloy (N06455)	SB 575/B 575	SB 574/B 574	SFA 5.11 (ENiCrMo-7) A 5.11 (ENiCrMo-7) DIN 2.4612 (EL-NiMo15Cr15Ti)	SFA 5.14 (ERNiCrMo-7) A 5.14 (ERNiCrMo-7) DIN 2.4611 (SG-NiMo16Cr16Ti)	SB 622/B 622	SB 619/B 619 SB 626/B 626	SB 366/B 366	
HASTELLOY C-22® alloy (N06022)	SB 575/B 575	SB 574/B 574	SFA 5.11 (ENiCrMo-10) A 5.11 (ENiCrMo-10) DIN 2.4638 (EL-NiCr21Mo14W)	SFA 5.14 (ERNiCrMo-10) A 5.14 (ERNiCrMo-10) DIN 2.4635 (SG-NiCr21Mo14W)	SB 622/B 622	SB 619/B 619 SB 626/B 626	SB 366/B 366 B 462 B 472	SB 564/B 564
HASTELLOY C-276 alloy (N10276)	SB 575/B 575	SB 574/B 574	SFA 5.11 (ENiCrMo-4) A 5.11 (ENiCrMo-4) DIN 2.4887 (EL-NiMo15Cr15W)	SFA 5.14 (ERNiCrMo-4) A 5.14 (ERNiCrMo-4) DIN 2.4886 (SG-NiMo16Cr16W)	SB 622/B 622	SB 619/B 619 SB 626/B 626	SB 366/B 366 B 462 B 472	SB 564/B 564
HASTELLOY C-2000® alloy (N06200)	SB 575/B 575	SB 574/B 574	ASME Code Case No. 2338 DIN 2.4699 (EL-NiCr23Mo16Cu)	ASME Code Case No. 2337 DIN 2.4698 (SG-NiCr23Mo16Cu)	SB 622/B 622	SB 619/B 619 SB 626/B 626	SB 366/B 366	SB 564/B 564
HASTELLOY G-30® alloy (N06030)	SB 582/B 582	SB 581/B 581	SFA 5.11 (ENiCrMo-11) A 5.11 (ENiCrMo-11)	SFA 5.14 (ERNiCrMo-11) A 5.14 (ERNiCrMo-11)	SB 622/B 622	SB 619/B 619 SB 626/B 626	SB 366/B 366	
HASTELLOY G-35® alloy								
HASTELLOY N alloy (N10003)	AMS 5607 SB 434/B 434	AMS 5771 SB 573/B 573		SFA 5.14 (ERNiMo-2) A 5.14 (ERNiMo-2)			SB 366/B 366	AMS 5771
ULTIMET® alloy (R31233)	B 818 Code Case No. 2121-1	B 815 Code Case No. 2121-1						

APPLICABLE SPECIFICATIONS

	Sheet, Plate & Strip	Billet Rod/Bar	Covered Electrodes	Bare Welding Rods	Seamless Pipe & Tube	Welded Pipe & Tube	Fittings	Forgings
HASTELLOY B alloy (N10001)	SB 333/B 333	SB 335/B 335	SFA 5.11 (ENiMo-1) A 5.11 (ENiMo-1)	SFA 5.14 (ERNiMo-1) A 5.14 (ERNiMo-1)				
HASTELLOY S alloy (N06635)	AMS 5873	AMS 5711		AMS 5838				AMS 5711
HASTELLOY W alloy (N10004)		AMS 5755	SFA 5.11 (ENiMo-3) A 5.11 (ENiMo-3) AMS 5787	SFA 5.14 (ERNiMo-3) A 5.14 (ERNiMo-3) AMS 5786				
HASTELLOY X alloy (N06002)	AMS 5536 SB 435/B 435	AMS 5754 SB 572/B 572 B 472	SFA 5.11 (ENiCrMo-2) A 5.11 (ENiCrMo-2) AMS 5799	SFA 5.14 (ERNiCrMo-2) A 5.14 (ERNiCrMo-2) AMS 5798	SB 622/B 622	AMS 5588 SB 619/B 619 SB 626/B 626	B 366	AMS 5754
HAYNES®25 alloy (R30605)	AMS 5537	AMS 5759	AMS 5797	AMS 5796		B 619 B 626		AMS 5759
HAYNESR-41 alloy (N07041)	AMS 5545			AMS 5800				
HAYNES75 alloy								
HR-120® alloy (N08120)	AMS 5916 SB 409/B 409	SB 408/B 408 B 472			SB 407/B 407	SB 514/B 514 SB 515/B 515	SB 366/B 366	SB 564/B 564
HR-160® alloy (N12160)	SB 435/B 435	SB 572/B 572 B 472			SB 622/B 622	SB 619/B 619 SB 626/B 626	SB 366/B 366	SB 564/B 564
HAYNES 188 alloy (R30188)	AMS 5608	AMS 5772		AMS 5801				AMS 5772
HAYNES214™ alloy								
HAYNES230® alloy (N06230)	AMS 5878 SB 435/B 435	AMS 5891 SB 572/B 572 B 472			SB 622/B 622	SB 619/B 619 SB 626/B 626	SB 366/B 366	AMS 5891 SB 564/B 564
HAYNES230-W™ alloy (N06231)				SFA 5.14 (ERNiCrWMo-1) A 5.14 (ERNiCrWMo-1)				
HAYNES242™ alloy (N10242)	SB 434/B 434	SB 573/B 573 B 472			SB 622	SB 619/B 619 B 626	B 366	SB 564/B 564
HAYNES263 alloy (N07263)	AMS 5872	AMS 5886						AMS 5886
HAYNES556™ alloy (R30556)	AMS 5874 SB 435/B 435	AMS 5877 B 572 B 472		SFA 5.9 (ER3556) A 5.9 (ER3556) AMS 5831	SB 622/B 622	SB 619/B 619 SB 626/B 626	SB 366/B 366	AMS 5877
HAYNES617 alloy (N06617)	AMS 5888 AMS 5889 SB 168/B 168	AMS 5887 SB 166/B 166	SFA 5.11 (ENiCrCoMo-1) A 5.11 (ENiCrCoMo-1)	SFA 5.14 (ERNiCrCoMo-1) A 5.14 (ERNiCrCoMo-1)	B 167			SB 564/B 564
HAYNES625 alloy (N06625)	AMS 5599 SB 443/B 443	AMS 5666 SB 446/B 446 B 472		SFA 5.14 (ERNiCrMo-3) A 5.14 (ERNiCrMo-3) AMS 5837	AMS 5581 SB 444/B 444	AMS 5581 SB 704/B 704 SB 705/B 705	SB 366/B 366	AMS 5666
HAYNES625SQ® alloy (N06626)	AMS 5879							
HAYNES718 alloy (N07718)	AMS 5596 AMS 5597	AMS 5662 AMS 5664 SB 637/B 637		AMS 5832 A 5.14 (ERNiFeCr-2)	AMS 5589 AMS 5590			AMS 5662 AMS 5664
HAYNES X-750 alloy (N07750)	AMS 5542 AMS 5598 SB 637/B 637	AMS 5667 AMS 5670 AMS 5671						
MULTIMET® alloy (R30155)	AMS 5532	AMS 5769	AMS 5795	AMS 5794				AMS 5769 AMS 5768
HAYNES Waspaloy alloy (N07001)	AMS 5544	AMS 5706 AMS 5708		AMS 5828				
HAYNES6B alloy (R30006)	AMS 5894	AMS 5894						
HAYNESTi-3Al-2.5V alloy (R56320)					AMS 4943 AMS 4944 AMS 4945 B 337/B 338Gr9			

B = designation specifications are ASTM
SB = designation specifications are ASME Vessel Code

SFA = designation specifications are ASME
A = designation specifications are AWS

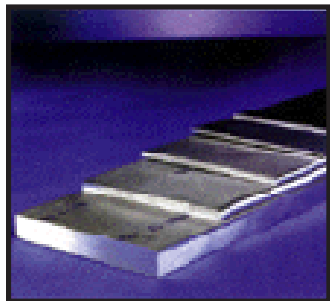
AMS = designation specifications are SAE

World's Largest Inventory of Heat- and Corrosion-Resistant Alloys



Thousands of Combinations of Alloy, Forms, and Sizes in Stock!

We are stocked and staffed to give you unequalled service in supplying your high performance alloy requirements. Thousands of combinations of alloy, forms, and sizes are available at the **13 Domestic and International Sales Offices and Service Centers.**



Reliable Products and Service Backed by Haynes Technology

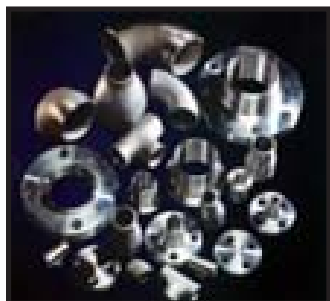
Heat- and corrosion-resistant alloys are our only business. We go the extra mile to ensure that our products provide reliable performance, the kind of performance you've come to expect from HASTELLOY® and HAYNES® products. We offer our customers unmatched technical support and a full range of services including plasma cutting, water jet cutting, shearing, saw cutting, and others through our Service Center Network. If the alloy you need is in stock, we can typically ship within **24 hours.**



The next time you need heat- and corrosion-resistant alloys, call one of our convenient locations:



	Telephone	Toll-Free
Kokomo, Indiana	765-456-6012	800-354-0806
LaMirada, California	562-407-1309	800-531-0285
Houston, Texas	713-937-7597	800-231-4548
Windsor, Connecticut	860-688-7771	800-426-1963
Arcadia, Louisiana	318-263-9571	800-648-8823
Haynes Wire, North Carolina	828-692-5791	866-360-3990
Manchester, England	44-161-230-7777	
Paris, France	33-1-34-48-3100	
Milano, Italy	39-02-2614-1331	
Zurich, Switzerland	41-44-434-7080	
Singapore	65-6-222-3213	
Shanghai, China	86-21-6143-8000	
Teynampet, Chennai, India	91-44-4354-6101	



Haynes International, Inc. is a leader in superalloy technology, product quality, and customer service. The following pages describe the alloys available from Haynes and the product forms in which they are most generally available.

No Matter What
Size Your Order Is,
You'll Get The
Same Full-Line
Service Plus
Technical Back-Up
From Haynes
International, Inc.



HAYNES International	Plate	Sheet & Strip	Billet	Bar & Rod	Wire	Covered Electrodes	Tubing		Pipe		Fittings
							Welded	Seamless	Welded	Seamless	
Available Forms											
HASTELLOY B-3, C-22, C-276, and C-2000 alloys	■	■	■	■	■	■	●	●	■	■	■
HASTELLOY C-4 alloy	●	●	●	●	●		●	●	●	●	
HASTELLOY C-22HS alloy	■	■	●	■	■		●	●	●	●	
HASTELLOY G-30 and G-35 alloys	■	■	●	■	■	■	●	●	●	●	
HASTELLOY N and B alloys	●	●	●	●	●						
ULTIMET alloy	■	■	■	■	■	■					
HASTELLOY X alloy HAYNES 230 and 25 alloys	■	■	■	■	■*	■*	●	●	■	●	
HAYNES HR-160, 188, 556, 625 and 718 alloys	■	■	■	■	■		●	●	■	●	
HASTELLOY S alloy HAYNES HR-120, 242 and 282 alloys	■	■	■	■	■		●	●	●	●	
HAYNES R-41 and Waspaloy alloys	■	■	●	●	■						
HAYNES X-750 alloy	■	■	●	●	●						
MULTIMET alloy	■	■	●	●	■	■					
HAYNES 263 and 617 alloys	■	■	■	■	■						
HAYNES 214 alloy	■	■	■	■	■		●			●	
HAYNES 625SQ alloy		■									
HASTELLOY W alloy					■	■					
HAYNES Ti-3Al-2.5V								■		■	

■ = Available from stock and/or standard production
● = Available by special order only, with appropriate minimum quantities
* Welding products for 230 alloy are designated 230-W™ alloy

HASTELLOY, HAYNES, ULTIMET, B-3, C-22, C-22HS, C-2000, G-30, G-35, MULTIMET, HR-120, HR-160, 214, 230, 242, 282 and 556 are trademarks of Haynes International, Inc.

For More Information Contact:

North American Service Centers

Midwest Service Center
1020 W. Park Avenue
P.O. Box 9013
Kokomo, Indiana 46904-9013
Tel: 765-456-6012
800-354-0806
Fax: 765-456-6905

Eastern Service Center
430 Hayden Station Road
Windsor, Connecticut 06095
Tel: 860-688-7771
800-426-1963
Fax: 860-688-5550

Southern Service Center
The Northwood Industrial Park
12241 FM 529
Houston, Texas 77041
Tel: 713-937-7597
800-231-4548
Fax: 713-937-4596

Western Service Center
14101 Rosecrans Avenue, Unit A
La Mirada, California 90638-3551
Tel: 562-407-1309
800-531-0285
Fax: 562-407-1514

Tubular Products
3786 Second Street
Arcadia, Louisiana 71001-9701
Tel: 318-263-9571
800-648-8823
Fax: 318-263-8088

Haynes Wire Company
158 N. Egerton Road
Mountain Home, North Carolina 28758-0677
Tel: 828-692-5791
866-360-3990
Fax: 828-697-9818

International Service Centers

England
Haynes International, Ltd.
P.O. Box 10
Parkhouse Street
Openshaw
Manchester, M11 2ER
Tel: **44-161-230-7777**
Fax: 44-161-223-2412

Italy
Haynes International, S.R.L.
Viale Brianza, 8
20127 Milano
Tel: **39-02-2614-1331**
Fax: 39-02-282-8273

France
Haynes International, S.A.R.L.
P.A. des Bellevues
Avenue de la Patelle -
Voie de l'Olivier
BP 70303 Eragny/Oise
95617 Cergy Pontoise Cedex
Tel: **33-1-34-48-3100**
Fax: 33-1-30-37-8022

Switzerland
Nickel Contor AG
Hohlstrasse 534
CH-8048 Zurich
Tel: **41-44-434-7080**
Fax: 41-44-431-8787

Singapore
Haynes Pacific PTE LTD
15 McCallum Street
#05-03 Natwest Centre
Singapore 069045
Tel: **65-6-222-3213**
Fax: 65-6-222-3280

China
Haynes International, Ltd.
Suite 606 SilvaBay Tower
269 Haining Road
Shanghai 200080
PR China
Tel: **86-21-6143-8000**
Fax: 86-21-6330-5298

India
Haynes International, Inc.
No. 5A, 5th Floor Century Plaza
560-561 Anna Salai
Teynampet Chennai 600 018
Tel: **91-44-4354-6101**
Fax: 91-44-4354-6103