

Alloy	Density lb./in ³	Sheet, Plate & Strip	Billet Rod/Bar	Coated Electrodes	Bare Welding Rods	Seamless Pipe & Tube	Welded Pipe & Tube	Fittings	Forgings	DIN	Others
HASTELLOY® X alloy N06002 (W86002)	0.297	AMS 5536 SB 435/B 435	AMS 5754 SB 572/B 572 B 472	SFA 5.11 (ENiCrMo-2) A 5.11 (ENiCrMo-2)	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	SB 366/B 366	AMS 5754	17742 No. 2.4665 NiCr22Fe18Mo	NACE MR0175 ISO 15156
HAYNES® 25 alloy R30605	0.330	AMS 5537	AMS 5759 MIL-C-24252D	AMS 5797	AMS 5796				AMS 5759		MIL-R-5031B Class 13
HAYNES® R-41 alloy N07041	0.298	AMS 5545	AMS 5712		AMS 5800				AMS 5712		
HAYNES® HR-120® alloy N08120	0.291	AMS 5916 SB 409/B 409	SB 408/B 408 B 472			SB 407/B 407 SB 163/B 163	SB 514/B 514 SB 515/B 515	SB 366/B 366	SB 564/B 564	No. 2.4854 NiFe33Cr25Co	
HAYNES® HR-160® alloy N12160	0.292	SB 435/B 435	SB 572/B 572 B 472		SFA 5.14 (ERNiCoCrSi-1) A 5.14 (ERNiCoCrSi-1)	SB 622/B 622	SB 619/B 619 SB 626/B 626	SB 366/B 366	SB 564/B 564	No. 2.4880 NiCo29Cr28Si	ASME Code Case No. 2385
HAYNES® 188 alloy R30188	0.324	AMS 5608	AMS 5772		AMS 5801				AMS 5772		
HAYNES® 214® alloy N07214	0.291									17744 No. 2.4646 NiCr16Al	
HAYNES® 230® alloy N06230 HAYNES® 230-W® alloy N06231 (W86231)	0.324	AMS 5878 SB 435/B 435	AMS 5891 SB 572/B 572 B 472	SFA 5.11 (ENiCrWMo-1) A 5.11 (ENiCrWMo-1)	SFA 5.14 (ERNiCrWMo-1) A 5.14 (ERNiCrWMo-1) AMS 5839	SB 622/B 622	SB 619/B 619 SB 626/B 626	SB 366/B 366	AMS 5891 SB 564/B 564	17744 No. 2.4733 NiCr22W14Mo	ASME Code Case No. 2063-4
HAYNES® 242® alloy N10242	0.327	SB 434/B 434	SB 573/B 573 B 472		SFA 5.14 (ERNiMo-12) A 5.14 (ERNiMo-12)	SB 622/B 622	SB 619/B 619 SB 626/B 626	SB 366/B 366	SB 564/B 564		
HAYNES® 263 alloy N07263	0.302	AMS 5872	AMS 5886		AMS 5966				AMS 5886		
HAYNES® 556® alloy R30556	0.297	AMS 5874 SB 435/B 435	AMS 5877 SB 572/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	No. 1.4883 X10CrNiCoMoN 22 20 18	
HAYNES® 617 alloy N06617 (W86117)	0.302	AMS 5888 AMS 5889 SB 168/B 168	SB 166/B 166 B 472 AMS 5887	SFA 5.11 (ENiCrCoMo-1) A 5.11 (ENiCrCoMo-1)	SFA 5.14 (ERNiCrCoMo-1) A 5.14 (ERNiCrCoMo-1)	SB 167/B 167			SB 564/B 564		
HAYNES® 625 alloy N06625 (W86112)	0.305	AMS 5599 SB 443/B 443 AMS 5869	AMS 5666 SB 446/B 446 B 472	SFA 5.11 (ENiCrMo-3) A 5.11 (ENiCrMo-3)	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 SB 564/B 564	17744 No. 2.4856 NiCr22Mo9Nb	ASME Code Case No. 2468 NACE MR0175 ISO 15156
HAYNES® 625SQ® alloy N06626	0.305	AMS 5879					ASME Code Case No. 2276	ASME Code Case No. 2276			
HAYNES® 718 alloy N07718	0.297	AMS 5596 AMS 5597	AMS 5662 AMS 5663 AMS 5664 SB 637/B 637		A 5.14 (ERNiFeCr-2) AMS 5832	AMS 5589 AMS 5590			AMS 5662 AMS 5663 AMS 5664 SB 637/B 637	17742 No. 2.4668 NiCr19Fe19NbMo3	ASME Code Case No. 1993-6 Case No. 2221-1 NACE MR0175 ISO 15156
HAYNES® X-750 alloy N07750	0.298	AMS 5542 AMS 5598	AMS 5667 AMS 5668 AMS 5670 AMS 5671 AMS 5747		AMS 5699				AMS 5667 AMS 5668 AMS 5670 AMS 5671 AMS 5747 SB 637/B 637	No. 2.4669 NiCr15Fe7TiAl	NACE MR0175 ISO 15156
HAYNES® Waspaloy alloy N07001	0.296	AMS 5544	AMS 5706 SB 637/B 637		AMS 5828				AMS 5706		
MULTIMET® alloy R30155 (W73155)	0.296	AMS 5532	AMS 5768 AMS 5769	AMS 5795	AMS 5794 MIL-R-5031 B Class 9				AMS 5768 AMS 5769		

Alloy	ASME										
	Section I	Section III			Section VIII		Section XII	B16.5	B16.34	B31.1	B31.3
		Class 1	Class 2	Class 3	Div. 1	Div. 2					
HASTELLOY® X alloy N06002		PSBW- 800°F (427°C)	PSBW- 800°F (427°C) Code Case N-253	PSBW- 800°F (427°C) Code Case N-253	PSBW- 1650°F (899°C) Blt- 1650°F (899°C)	PSBW- 1650°F (899°C) Blt- 800°F (427°C)	PSBW- 650°F (343°C) Blt- 650°F (343°C)	PB- 1500°F (816°C)	PBs- 1500°F (816°C)		PSW- 1500°F (816°C)
HAYNES® HR-120® alloy N08120					PSBFWs- 1650°F (899°C)						
HAYNES® HR-160® alloy N12160					PSBFWs- 1500°F (816°C) Code Case 2385 1550°F (816°C)- 1800°F (982°C)						
HAYNES® 230® alloy N06230	PSBFWs- 1650°F (899°C) Code Case 2063 1000°F (538°C)				PSBFWs - 1800°F (982°C)		PSBFWs- 650°F (343°C)	PF 1500°F (816°C)	PBFs 1500°F (816°C)		
HAYNES® 242® alloy N10242					PSBFWs- 1000°F (899°C)						
HAYNES® 556® alloy R50556					PSBW- 1650°F (899°C) Blt- 1650°F (899°C)	Blt- 800°F (427°C)	PSBW- 650°F (343°C)	PB 1500°F (816°C)	PB 1500°F (816°C)	PSBFWs- 1200°F (649°C)	
HAYNES® 617 alloy N06617	PSBFs- 1650°F (899°C)				PSBFs- 1800°F (982°C)					PSBFs- 1200°F (649°C)	
HAYNES® 625 alloy N06625	Grade 1 PSBFWs- 1100°F (593°C) Grade 2 PSBs- 1100°F (593°C) PSBs- Code Case 1935 1000°F (538°C)	Grade 1 PSBs- 800°F (427°C)	Grade 1 PSBFWs- 800°F (427°C)	Grade 1 PSBFWs- 800°F (427°C)	Grade 1 PSBFWs- 1200°F (649°C) Grade 2 PSBs- 1600°F (871°C) Blt- 1200°F (649°C)	Grade 1 Blt- 800°F (427°C) PSBFs Code Case 2468 800°F (427°C)	Grade 1 PSBFWs- 650°F (343°C) Grade 2 PSBs- 650°F (343°C) Blt- 650°F (343°C)	PF- 1200°F (649°C)	PBFs- 1200°F (649°C)	PSBFWs- 1200°F (649°C)	PSBFs- 1200°F (649°C)
HAYNES® 625SQ® alloy N06626					SMW- Code Case 2276 800°F (427°C)						
HAYNES® 718 alloy N07718	BF Code Case 1993 Blt- 1150°F (621°C)	Blt- 800°F (427°C), Code Case N-616, N-208	Blt- 800°F (427°C), Code Case N-616, N-253 Blt- 1050°F	Blt- 800°F (427°C), Code Case N-616, N-253 Blt- 1050°F (566°C)	Blt- 1150°F (621°C) BF Code Case 2222	Blt- 800°F (427°C), BF Code Case 2222	Blt- 650°F (343°C)		Blt		
HAYNES® X-750 alloy N07750		Blt- 800°F (427°C)	Blt- 800°F (427°C)	Blt- 800°F (427°C)	Blt- 800°F (427°C)	Blt- 800°F (427°C)	Blt- 650°F (343°C)				

Notes: P=plate, S=sheet, B=bar, F=forgings, f= fittings, W=welded pipe/tube, s=seamless pipe/tube, Blt=bolting, Temperatures are maximums unless noted.