

HAYNES[®] 625 alloy

Specifications and Codes

Specifications

HAYNES [®] 625 alloy (N06625, W86112)	
Sheet, Plate & Strip	AMS 5599 SB 443/B 443 AMS 5869 P= 43
Billet, Rod & Bar	AMS 5666 SB 446/B 446 B 472 P= 43
Coated Electrodes	SFA 5.11/ A 5.11 (ENiCrMo-3) F= 43
Bare Welding Rods & Wire	SFA 5.14/ A 5.14 (ERNiCrMo-3) AMS 5837 F=43
Seamless Pipe & Tube	AMS 5581 SB 444/B 444 P= 43
Welded Pipe & Tube	AMS 5581 SB 704/B 704 SB 705/B 705 P= 43
Fittings	SB 366/B 366 P= 43
Forgings	AMS 5666 SB 564/B 564 P= 43
DIN	17744 No. 2.4856 NiCr22Mo9Nb
Others	ASME Code Case No. 2468 NACE MR0175 ISO 15156

Codes

HAYNES [®] 625 alloy (N06625, W86112)			
ASME	Section I	Grade 1 1100°F (593°C) ¹ Cold Case 2632 1200°F (650°C) ²	
		Grade 2 1100°F (593°C) ³ Code Case 1935 1000°F (538°C) ³	
	Section III	Class 1	Grade 1 800°F (427°C) ³
		Class 2	Grade 1 800°F (427°C) ⁴
		Class 3	Grade 1 800°F (427°C) ⁴
	Section IV	HF-300.2	-
	Section VIII	Div. 1	Grade 1 1200°F (649°C) ¹ Grade 2 1600°F (871°C) ³ 1200°F (649°C) ⁵
			Grade 1 800°F (427°C) ⁵ Code Case 2468 800°F (427°C) ⁶
	Section XII	Grade 1 650°F (343°C) ¹ Grade 2 650°F (343°C) ⁷	
		B16.5	1200°F (649°C) ⁸
		B16.34	1200°F (649°C) ⁶
		B31.1	1200°F (649°C) ¹
		B31.3	1200°F (649°C) ⁶
MMPDS	6.3.3		

¹Plate, Sheet, Bar, Forgings, fittings, welded pipe/tube, seamless pipe/tube

²Plate, Sheet, welded pipe/tube

³Plate, Sheet, Bar, seamless pipe/tube

⁴Plate, Sheet, Bar, Forgings, welded pipe/tube, seamless pipe/tube

⁵Bolting

⁶Plate, Sheet, Bar, Forgings, seamless pipe/tube

⁷Plate, Sheet, Bar, seamless pipe/tube, Bolting

⁸Plate, Forgings

