

HASTELLOY® X alloy

Specifications and Codes

Specifications

HASTELLOY® X alloy (N06002, W86002)	
Sheet, Plate & Strip	AMS 5536 SB 435/B 435 P= 43
Billet, Rod & Bar	AMS 5754 SB 572/B 572 B 472 P= 43
Coated Electrodes	SFA 5.11/ A 5.11 (ENiCrMo-2) F= 43
Bare Welding Rods & Wire	SFA 5.14/ A 5.14 (ERNiCrMo-2) AMS 5798 F=43
Seamless Pipe & Tube	SB 622/B 622 P= 43
Welded Pipe & Tube	AMS 5588 SB 619/B 619 SB 626/B 626 P= 43
Fittings	SB 366/B 366 P= 43
Forgings	AMS 5754
DIN	17742 No. 2.4665 NiCr22Fe18Mo
Others	NACE MR0175 ISO 15156

Codes

HASTELLOY® X alloy (N06002, W86002)				
ASME	Section I	-		
	Section III	Class 1	800°F (427°C) ¹	
		Class 2	800°F (427°C) ⁵	
		Class 3	800°F (427°C) ⁵	
		Classes TC and SC	800°F (427°C) ²	
	Section IV	HF-300.2	-	
	Section VIII	Div. 1	1650°F (899°C) ²	
		Div. 2	900°F (482°C) ⁶ 1650°F (899°C) ⁵ 800°F (427°C) (Bolting)	
	Section XII	650°F (343°C) ²		
	B16.5	1500°F (816°C) ³		
	B16.34	1500°F (816°C) ⁴		
	B31.1	-		
	B31.3	1500°F (816°C) ⁵		
	MMPDS	6.3.1		

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

²Plate, Sheet, Bar, fittings, welded pipe/tube, seamless pipe/tube, Bolting

³Plate, Bar

⁴Plate, Bar, seamless pipe/tube

⁵Welded pipe/tube, seamless pipe/tube

⁶Plate, Sheet, and Rod