

# HAYNES<sup>®</sup> HR-120<sup>®</sup> alloy

## Specifications and Codes

### Specifications

HAYNES <sup>®</sup> HR-120 <sup>®</sup> alloy (N08120)	
<b>Sheet, Plate &amp; Strip</b>	AMS 5916 SB 409/B 409 P= 45
<b>Billet, Rod &amp; Bar</b>	SB 408/B 408 B 472 P= 45
<b>Coated Electrodes</b>	-
<b>Bare Welding Rods &amp; Wire</b>	-
<b>Seamless Pipe &amp; Tube</b>	SB 407/B 407 SB 163/B 163 P= 45
<b>Welded Pipe &amp; Tube</b>	SB 514/B 514 SB 515/B 515 P= 45
<b>Fittings</b>	SB 366/B 366 P= 45
<b>Forgings</b>	SB 564/B 564 P= 45
<b>DIN</b>	No. 2.4854 NiFe33Cr25Co
<b>Others</b>	-

### Codes

HAYNES <sup>®</sup> HR-120 <sup>®</sup> alloy (N08120)				
<b>ASME</b>	<b>Section I</b>	-		
	<b>Section III</b>	<b>Class 1</b>	-	
		<b>Class 2</b>	-	
		<b>Class 3</b>	-	
	<b>Section IV</b>	<b>HF-300.2</b>	-	
	<b>Section VIII</b>	<b>Div. 1</b>	1800°F (982°C) <sup>1,2</sup>	
		<b>Div. 2</b>	-	
	<b>Section XII</b>	-		
	<b>B16.5</b>	-		
	<b>B16.34</b>	-		
<b>B31.1</b>	-			
<b>B31.3</b>	-			
<b>MMPDS</b>	6.3.10			

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

<sup>2</sup>Properties up to 1650°F (899°C) are found in the latest ASME BPV Code, and from 1650°F - 1800°F (899°C - 982°C) in ASME Code Case 2672