

## HAYNES<sup>®</sup> 25 alloy

### High-temperature Hardness

The following are results from standard vacuum furnace hot hardness tests. Values are given in originally measured DPH (Vickers) units and conversions to Rockwell C/B scale in parentheses.

	<b>Vickers Diamond Pyramid Hardness (Rockwell C/B Hardness)</b>									
	<b>70°F (20°C)</b>		<b>800°F (425°C)</b>		<b>1000°F (540°C)</b>		<b>1200°F (650°C)</b>		<b>1400°F (760°C)</b>	
Solution Treated	251	22 HRC	171	87 HRB	160	83 HRB	150	80 HRB	134	74 HRB
15% Cold-Work	348	35 HRC	254	23 HRC	234	97 HRB	218	95 HRB	-	-
20% Cold-Work	401	41 HRC	318	32 HRC	284	27 HRC	268	25 HRC	-	-
25% Cold-Work	482	48 HRC	318	32 HRC	200	30 HRC	286	28 HRC	-	-

HRB = Hardness Rockwell "B"

HRC = Hardness Rockwell "C"