

# HASTELLOY® X alloy

## Aged Hardness

### Aged Hardness at Room Temperature\*

Form	Aging Temperature		Aging Time	HRBW	
	°F	°C	h		
-	SHT	SHT	-	54	
Sheet	1200	649	1000	56	
			4000	62	
			8000	63	
	1400	760	1000	62	
			4000	61	
			8000	60	
	1600	871	000	61	
			4000	58	
			8000	55	
	Plate	SHT	SHT	-	54
		1200	649	1000	57
				4000	62
8000				63	
1400		760	1000	60	
			4000	59	
			8000	58	
1600		871	1000	56	
			4000	56	
			8000	54	
All Weld Metal**		1200	649	1000	64
				4000	65
	8000			63	
	1400	760	1000	62	
			4000	60	
			8000	60	
	1600	871	1000	56	
			4000	55	
			8000	54	

SHT=Solution heat-treated (not aged)

\*Single tests from a single heat for each form

\*\*Gas tungsten arc welded

HRBW = Hardness Rockwell "B", Tungsten Indentor.

