

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.

