

Quality 303
According to Standard ASTM A 582/A 582M - 06
Number -



| Comparable Standards | EN | W.N. | BS |
|----------------------|--------------|--------|--------|
| | X10CrNiS18-9 | 1.4305 | 303S31 |

| Chemical Analysis | C % | Mn % | Si % | P% | Cr % | Ni % |
|-------------------|------|-----------|------|-----------|--------------|-------------|
| | 0.15 | 2.00 | 1.00 | 0.20 max. | 17.0 to 19.0 | 8.0 to 10.0 |
| | Mo % | S% | | | | |
| | - | 0.15 min. | | | | |

Hot Work and Heat Treatment

| Type | Condition A (Annealed) | Condition T (Intermediate Temper) | Condition H (Hard Temper) |
|------|---------------------------|--------------------------------------|------------------------------|
| 303 | A | - | - |

Mechanical Properties at Room Temperature

| Types | Condition | Hardness ^A (HB) |
|-------|-----------|-------------------------------|
| 303 | A | 262 max |