

Chemical Composition

| Standard of Country | | | | | Chemical Composition | | | | | | | |
|---------------------|--------|--------------------|--------|------------|----------------------|--------|--------|-------|-------|-------------|-------------|-----------|
| USA | German | | UK | Japan | C Max | Si Max | Mn Max | P max | S Max | Ni | Cr | Mo |
| AISI | W-Nr | DIN KURZNAME | BS | JIS | | | | | | | | |
| 301 | 1.431 | X12Cr Ni 177 | 301S21 | SUS 301 | 0.15 | 1 | 2 | 0.045 | 0.03 | 6.00-8.00 | 16.00-18.00 | - |
| 304 | 1.4301 | XDCr Ni 189 | 304S16 | SUS304 | 0.08 | 1 | 2 | 0.045 | 0.03 | 8.00-10.50 | 18.00-20.00 | - |
| 304L | 1.4306 | X3Cr Ni 89 | 304S12 | SUS 304L | 0.03 | 1 | 2 | 0.045 | 0.03 | 9.00-13.00 | 18.00-20.00 | - |
| 305 | 1.4303 | X5Cr Ni 1911 | 305S19 | SUS 305 | 0.12 | 1 | 2 | 0.045 | 0.03 | 10.50-13.00 | 17.00-19.00 | - |
| 310S | 1.4841 | X 15 Cr Ni Si 2520 | 310S24 | SUS 310S | 0.08 | 1.5 | 2 | 0.045 | 0.03 | 19.00-22.00 | 24.00-26.00 | - |
| 316 | 1.4401 | X15 Cr Ni Mo 1810 | 306S16 | SUS 316 | 0.08 | 1 | 2 | 0.045 | 0.03 | 10.00-14.00 | 16.00-18.00 | 2.00-3.00 |
| 316L | 1.4435 | X15 Cr Ni Mo 1812 | 306S12 | SUS 316 L | 0.03 | 1 | 2 | 0.045 | 0.03 | 12.00-15.00 | 16.00-18.00 | 2.00-3.00 |
| 430 | 1.4016 | X8Cr 17 | 430S17 | SUS 430 | 0.12 | 0.75 | 1 | 0.04 | 0.03 | 0.6 | 16.00-18.00 | - |
| 434 | 1.4113 | - | - | SUS 434 | 0.12 | 1 | 1 | 0.04 | 0.03 | 0.6 | 16.00-18.00 | 0.75-1.25 |
| 410 | 1.4006 | X10 Cr 13 | 410S21 | SUS 410 | 0.15 | 1 | 1 | 0.04 | 0.03 | 0.6 | 11.50-13.50 | - |
| 420 | 1.4021 | X 20 Cr 13 | 420S29 | SUS 420 J1 | 0.16-0.25 | 1 | 1 | 0.04 | 0.03 | 0.6 | 12.00-14.00 | - |
| 420 | 1.4034 | X 40 Cr 13 | 420S45 | SUS 420 J2 | 0.26 - 0.40 | 1 | 1 | 0.04 | 0.03 | 0.6 | 12.00-14.00 | - |

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