

AUSTENITICS

| CLASSIFICATION | | TYPE | COMPOSITIONS | | | | | | | | | |
|----------------|----------------|----------------|--------------|---------|---------|-------|-------------|-----------|-----------|-----------|-----------|--------------------|
| | | Unity | C | Si | Mn | P | S | N | Cr | Mo | Ni | Other |
| Austenitics | Cr-Mn-Ni | 202 | 0.08 | 0.75 | 6.5-8.0 | 0.045 | 0.015 | 0.15 | 15.0-17.0 | | 3.5-5.0 | Cu: 2.0 max |
| | Cr-Ni | 304/304H | 0.07 | 0.75 | 2.0 | 0.045 | 0.015 | 0.10 | 18.0-19.5 | | 8.0-10.5 | |
| | | 304DQ | 0.07 | 0.75 | 2.0 | 0.045 | 0.015 | 0.10 | 18.0-19.5 | | 8.5-10.5 | |
| | | 304DDQ | 0.07 | 0.75 | 2.0 | 0.045 | 0.015 | 0.10 | 18.0-19.5 | | 9.0-10.5 | |
| | | 304L-ASTM | 0.03 | 0.75 | 2.0 | 0.045 | 0.015 | 0.10 | 17.5-19.5 | | 8.0-10.5 | |
| | | 304L-ASME | 0.03 | 0.75 | 2.0 | 0.045 | 0.015 | 0.10 | 18.0-19.5 | | 8.0-10.5 | |
| | | 304LS | 0.03 | 0.75 | 2.0 | 0.045 | 0.005-0.015 | 0.10 | 18.0-19.5 | | 8.0-10.5 | |
| | | 304LDDQ | 0.03 | 0.75 | 2.0 | 0.045 | 0.015 | 0.10 | 18.0-20.0 | | 10.0-10.5 | |
| | | 304LN | 0.03 | 0.75 | 2.0 | 0.045 | 0.015 | 0.12-0.16 | 18.0-19.5 | | 8.5-11.5 | |
| | | 321 | 0.08 | 0.75 | 2.0 | 0.045 | 0.015 | 0.10 | 17.0-19.0 | | 9.0-12.0 | Ti: 5X(C+N) to 0.7 |
| | | Cr-Ni-Mo | 316L-1.4404 | 0.03 | 0.75 | 2.0 | 0.045 | 0.015 | 0.10 | 16.5-18.0 | 2.0-2.5 | 10.0-13.0 |
| | 316L-1.4435 | | 0.03 | 0.75 | 2.0 | 0.045 | 0.015 | 0.10 | 17.0-18.0 | 2.5-3.0 | 12.5-13.0 | |
| | 316LN | | 0.03 | 0.75 | 2.0 | 0.045 | 0.015 | 0.12-0.16 | 16.5-18.0 | 2.0-2.5 | 10.0-12.5 | |
| | 316Ti | | 0.08 | 0.75 | 2.0 | 0.045 | 0.015 | 0.10 | 16.5-18.0 | 2.0-2.5 | 10.5-13.5 | Ti: 5X(C+N) to 0.7 |
| | Heat Resistant | 309S-1.4833 | 0.08 | 0.75 | 2.0 | 0.045 | 0.015 | 0.11 | 22.0-24.0 | | 12.0-14.0 | |
| | | 309S Si-1.4828 | 0.2 | 1.5-2.5 | 2.0 | 0.045 | 0.015 | 0.11 | 19.0-21.0 | | 11.0-13.0 | |
| | | 310S-1.4845 | 0.08 | 0.75 | 2.0 | 0.045 | 0.015 | 0.11 | 24.0-26.0 | | 19.0-22.0 | |
| | | 310S Si-1.4841 | 0.2 | 1.5-2.5 | 2.0 | 0.045 | 0.015 | 0.11 | 24.0-26.0 | | 19.0-22.0 | |

1. Compositions are maximum values, unless otherwise stated.