



International Material Grade

| Grado | Grade | U.S.A. AISI ASTM | Europe EN | Italy UNI | France AFNOR | U.K. BSI | Germany DIN | Russia Fed. GOST | Japan JIS | Sweden SS(SIS) | Spain UNE | Material DIN 3017 |
|-------------|------------|------------------------------|---------------------|------------------|--------------------------------------|----------------------|----------------|----------------------------|--------------|-------------------|------------------|----------------------|
| Ferritico | Ferritic | 430 | X 6 Cr 17 | X 8 Cr 17 | Z 8 C 17 | 430 S 17 | 1,4016 | 12 Ch 17 | SUS 430 | 23 20 | X6cr17 | W1 W2 |
| Austenitico | Austenitic | 201 | X 12 CrMnNiN 17-7-5 | - | Z12 CMN 17-07 Az | 284S16 | 1,4373 | - | SUS 201 | - | - | |
| | | 301 | X 10 CrNi 18-08 | X 12 CrNi 17 07 | Z 11 CN 18-08 Z 11 CN 18-08 | 301 S 21 | 1,4310 | - | SUS 301 | 23 31 | X 10 CrNi 18-08 | |
| | | 304 | X 5 CrNi 18-10 | X 5 CrNi 18 10 | Z 7 CN 18-09 | 304 S 15 304 S 16 | 1,4301 | 08 Ch 18N10 08 Ch 18N11 | SUS 304 | 23 32 23 33 | X6CrNi19-10 | W4 |
| | | 316 | X 5 CrNiMo 17-12-2 | X 5 CrNiMo 17 12 | Z 7 CND 17-11-02 | 316 S 31 | 1,4401 | - | SUS 316 | 23 47 | X6CrNiMo17-12-03 | W5 |
| | | 316 L | X 2 CrNiMo 17-12-2 | X 2 CrNiMo 17 12 | Z 3 CND 17-11-02 Z 3 CND 17-12-02 | 316 S 11 | 1,4404 | 03 Ch 17N 14 M2 | SUS 316 L | 23 48 | X2CrNiMo17-12-03 | |
| | | 317 | X 2 CrNiMo 18-16-4 | X 2 CrNiMo 18-16 | Z 2 CND 19-15 | 317 S 12 | 1,4438 | | | 2367 | | |
| Duplex | Duplex | ALLOY 400 | | | | | | | | | | |
| Grado | Grade | Material Ref. DIN 3017 | Europe EN | Italy UNI | France AFNOR | U.K. BSI | Germany DIN | Russia Fed. GOST | Japan JIS | Sweden SS(SIS) | Spain UNE | U.S.A. AISI ASTM |
| Ferritico | Ferritic | W1 | Zinc Plated | Acciaio Zincato | | | | Zinc Plated | | | | |
| | | W2 | X 6 Cr 17 | X 8 Cr 17 | Z 8 C 17 | 430 S 17 | 1,4016 | 12 Ch 17 | SUS 430 | 23 20 | X6cr17 | 430 |
| Austenitico | Austenitic | W4 | X 5 CrNi 18-10 | X 5 CrNi 18 10 | Z 7 CN 18-09 | 304 S 15 304 S 16 | 1,4301 | 08 Ch 18N10 08 Ch 18N11 | SUS 304 | 23 32 23 33 | X6CrNi19-10 | 304 |
| | | W5 | X 5 CrNiMo 17-12-2 | X 5 CrNiMo 17 12 | Z 7 CND 17-11-02 | 316 S 31 | 1,4401 | - | SUS 316 | 23 47 | X6CrNiMo17-12-03 | 316 |
| | | | X 2 CrNiMo 17-12-2 | X 2 CrNiMo 17 12 | Z 3 CND 17-11-02 Z 3 CND 17-12-02 | 316 S 11 | 1,4404 | 03 Ch 17N 14 M2 | SUS 316 L | 23 48 | X2CrNiMo17-12-03 | |