

| | | Steel Names | | Chemical Composition, %, Typical Values | | | | | | National Steel Numbers | | | | | Draft EN | Products | ANS |
|--------------------------------------|------------|-----------------|----------------------|---|------|------|------|--------|--------|------------------------|--------|--------------------|------------------|--------|------------|------------------|-----|
| | | Avesta | British Steel | Stainless | C | N | Cr | Ni | Mo | Others | ASTM | BS | DIN | NF | | | |
| GENERAL SERVICE AND SEVERE CORROSION | Austenitic | 17-5N | 201 | 0,05 | 0,15 | 17,0 | 5,0 | - | Mn | 201 | - | - | Z12 CMN 17-07 Az | - | 1,4372 | N | 113 |
| | | 17-7 | 301 | 0,10 | 0,04 | 17,0 | 7,0 | - | - | 301 | 301S21 | 1,4310 | Z11 CN 18-08 | 2331 | 1,431 | N | 127 |
| | | 18-9L | 304L | 0,02 | 0,06 | 18,3 | 9,2 | - | - | 304L | 304S11 | - | Z3 CN 18-10 | 2352 | 1,4307 | P H K C N | 130 |
| | | 19-11L | 304L (10Ni) | 0,02 | 0,06 | 18,3 | 10,2 | - | - | 304L | 304S11 | 1,4306 | Z3 CN 18-10 | 2352 | 1,4306 | P H K C N | 130 |
| | | 18-9 | 304, 304DD, 302 | 0,04 | 0,06 | 18,3 | 8,7 | - | - | 304 | 304S31 | 1,4301 | Z7 CN 18-09 | 2333 | 1,4301 | P H K C N | 150 |
| | | 18-9LN | HyProof 304L | 0,02 | 0,14 | 18,3 | 8,7 | - | - | 304LN | 304S61 | 1,4311 | Z3 CN 18-10 Az | 2371 | 1,4311 | P H K N | 141 |
| | | 18-10Ti | 321 | 0,04 | 0,01 | 17,3 | 9,2 | - | Ti | 321 | 321S31 | 1,4541 | Z6 CNT 18-10 | 2337 | 1,4541 | P H K C N | 170 |
| | | 18-12 | 305 | 0,04 | 0,04 | 18,5 | 11,5 | - | - | 305 | 305S19 | 1,4303 | Z1 CN 18-12 | - | 1,4303 | N | 187 |
| | | 17-11-2L | 316 L Low Mo | 0,02 | 0,06 | 17,3 | 11,0 | 2,2 | - | 316L | 316S11 | 1,4404 | Z3 CND 17-11-02 | 2348 | 1,4404 | P H K C N | 230 |
| | | 17-11-2 | 316 Low Mo | 0,04 | 0,04 | 16,8 | 10,7 | 2,2 | - | 316 | 316S31 | 1,4401 | Z7 CND 17-11-02 | 2347 | 1,4401 | P H K C N | 250 |
| | | 17-11-2LN | Hy Proof 316L Low Mo | 0,02 | 0,14 | 17,5 | 11,0 | 2,2 | - | 316LN | 316S61 | 1,4406 | Z3 CND 17-11 Az | - | 1,4406 | P H K | 241 |
| | | 17-11-2Ti | 320 | 0,04 | 0,01 | 17,0 | 11,0 | 2,2 | Ti | 316Ti | 320S31 | 1,4571 | Z6 CNDT 17-12 | 2350 | 1,4571 | P H K C N | 270 |
| | | 17-12-2.5L | 316L Hy Mo | 0,02 | 0,06 | 17,0 | 11,7 | 2,7 | - | 316L | 316S13 | - | Z3 CND 17-12-03 | 2353 | 1,4432 | P H K C N | 330 |
| | | 17-12-2.5L | 316L (BN 2) | 0,02 | 0,06 | 17,3 | 12,7 | 2,7 | - | 316L | 316S13 | 1,4435 | Z3 CND 18-14-03 | 2353 | 1,4435 | P H K C N | 330 |
| | 17-12-2.5 | 316 high Mo | 0,04 | 0,06 | 17,0 | 11,0 | 2,7 | - | 316 | 320S31 | 1,4436 | Z7 CND 18-12,03 | 2343 | 1,4436 | P H K C N | 350 | |
| | 18-14-3L | 317L | 0,02 | 0,08 | 18,3 | 12,2 | 3,2 | - | 317L | 317S12 | 1,4438 | Z3 CND 19-15-04 | 2367 | 1,4438 | P H K C N | 431 | |
| | 17-11-3LN | - | 0,02 | 0,10 | 17,0 | 11,0 | 3,2 | - | 317LN | - | - | Z3 CND 19-14 Az | 2373 | 1,4434 | K | 441 | |
| | 17-14-4LN | Hy Resist 317LM | 0,02 | 0,14 | 17,3 | 12,7 | 4,2 | - | S31726 | - | 1,4439 | Z3 CND 18-14-05 Az | - | 1,4439 | P H K C | 541 | |
| | 904L | Hy Resist 94L | 0,01 | 0,06 | 20,0 | 25,0 | 4,5 | Cu | N08904 | 904S13 | 1,4539 | Z2 NCDU 25-20 | 2562 | 1,4539 | P H K C N | 585 | |
| | 254 SMO | - | 0,01 | 0,02 | 20,0 | 18,0 | 6,1 | Cu | S31254 | - | - | - | 2378 | 1,4547 | P H K C N | 597 | |
| | 654 SMO | - | 0,01 | 0,05 | 24,0 | 22,0 | 7,3 | Mn, Cu | S32654 | - | - | - | - | - | On request | 598 | |
| | Duple | SAF 2304 | 23/4LN | 0,02 | 0,10 | 23,0 | 4,5 | - | - | S32304 | - | 1,4362 | Z3 CN 23-04 Az | 2327 | 1,4362 | P H K C | 621 |
| | | 2205 | Hy Resist 22/5 | 0,02 | 0,17 | 22,0 | 5,5 | 3,0 | - | S31803 | 318S13 | 1,4462 | Z3 CND 22-05 Az | 2377 | 1,4462 | P H K C | 658 |
| | | SAF 2507 | - | 0,02 | 0,27 | 25,0 | 7,0 | 4,0 | - | S32750 | - | - | Z3 CND 25-06 Az | 2328 | 1,441 | On request | 661 |
| | | - | Hy Form 409 | 0,02 | - | 12,0 | - | - | Ti | 409 | 409S19 | 1,4512 | Z3 CT 12 | - | 1,4512 | C N | 712 |
| | Ferritic | - | Hy Fyb 3/12 | 0,02 | - | 11,5 | - | - | - | - | - | 1,4003 | - | - | 1,4003 | P H C | 715 |
| | | - | 410S | 0,04 | - | 12,0 | - | - | - | 410S | 403S17 | 1,4000 | Z8 C12 | 2301 | 1,4016 | P N | 721 |
| | | - | 430 | 0,04 | - | 16,5 | - | - | - | 430 | 430S17 | 1,4016 | Z8 C17 | 2320 | 1,4021 | C N | 741 |
| | | - | 420L | 0,20 | - | 13,0 | - | - | - | S42010 | 420S37 | 1,4021 | Z20 C13 | 2303 | 1,4021 | H N | 812 |
| | Mart. | - | 420H | 0,30 | - | 12,5 | - | - | - | 420 | 420S45 | 1,4028 | Z33 C13 | 2304 | 1,4028 | H N | 813 |
| 248 SV | | - | 0,03 | 0,04 | 16,0 | 5,0 | 1,0 | - | - | - | 1,4418 | Z6 CND 16-05-01 | 2387 | 1,4418 | P | 862 | |
| Heat Resistance | Austenitic | 18-9 | 304H | 0,05 | 0,06 | 18,3 | 8,7 | - | - | 304H | 304S51 | 1,4948 | Z6 CN 18-09 | 2333 | 1,4948 | <u>P H K C N</u> | 155 |
| | | 18-10Ti | 321H | 0,05 | 0,01 | 17,3 | 9,2 | - | Ti | 321H | 321S51 | 1,4878 | Z6 CNT 18-09 | 2337 | 1,4941 | <u>P H K C N</u> | 175 |
| | | 23-13 | 309 | 0,06 | 0,08 | 22,5 | 12,5 | - | - | 309S | 309S16 | 1,4833 | Z15 CN 24-13 | - | 1,49xx | <u>P H K C N</u> | 191 |
| | | 20-12 Si | - | 0,04 | 0,04 | 20,0 | 12,0 | - | Si | - | - | 1,4828 | Z17 CNS 20-12 | - | 1,4828 | <u>P H K C N</u> | 192 |
| | | 25-20 | 310 | 0,05 | 0,06 | 25,0 | 20,0 | - | - | 310S | 310S16 | 1,4845 | Z8 CN 25-20 | 2361 | 1,49xx | <u>P H K C N</u> | 194 |
| | | 153 MA | - | 0,05 | 0,15 | 18,5 | 9,5 | - | Si, Ce | S30415 | - | 1,4897 | - | 2372 | - | <u>P H K C N</u> | 193 |
| | | 253 MA | - | 0,09 | 0,17 | 21,0 | 11,0 | - | Si, Ce | S30815 | - | 1,4893 | - | 2368 | 1,49xx | <u>P H K C N</u> | 196 |
| | | 353 MA | - | 0,05 | 0,15 | 25,0 | 35,0 | - | Si, Ce | S35315 | - | - | - | - | - | On request | 198 |