



Structural steels

| Steel group Standard Steel grade | Steel group Standard Steel grade | Steel group Standard Steel grade |
|---|--|--|
| Unalloyed structural steels EN 10025-2 | Unalloyed structural steels EN 10025-2 | S235 JR+AR, JR+N, J0+AR, J0+N, J2+AR, J2+N |
| | | S275 JR+AR, JR+N, J0+AR, J0+N, J2+AR, J2+N |
| | | S355 JR+AR, JR+N, J0+AR, J0+N, J2+AR, J2+N |
| Fine-grain steels, normalizing rolled, normalized (furnace) | EN 10025-3 | S275N, NL |
| | | S355N, NL |
| | | S420N, NL |
| | | S460N, NL |
| Structural steels | ASTM/ASME | (S)A 36 |
| | | (S)A 283 Grade C |
| | | (S)A 572 Grade 50 Type 1 |
| Weather resistant structural steels | ASTM/ASME | (S)A 588 Grade A |

Pressure vessel steels

| Steel group | Standard | Steel grade |
|--|-------------|--------------------------|
| Non alloyed and alloyed creep resistant steels | EN 10028-2 | P235, 265, 295, 355GH |
| | | 16Mo3, 20MnMoNi4-5 |
| | | 13CrMo4-5, 10CrMo9-10 |
| | | 13CrMoV9-10 |
| Fine grain steels for pressure vessels | EN 10028-3 | P275 NH, NL1, NL2 |
| | | P355 NH, NL1, NL2 |
| | | P460 NH, NL1, NL2 |
| Steels for pressure vessels | ASTM / ASME | (S)A 387 Grade22 Class2 |
| | | (S)A 516 Grade60, 65, 70 |
| | | (S)A 537 Class1, 2 |
| | | (S)A 553 Type 1 |
| | | (S)A 738 Grade A, B |

Stainless steels and heat-resistant steels

| Standard | EN material number | Grade | Comparable ASTM A240 / ASME SA240 type |
|----------|--------------------|-------------------|--|
| EN 10088 | 1.4000 | X6Cr13 | 410S |
| | 1.4301 | X5CrNi18-10 | 304 |
| | 1.4306 | X2CrNi19-11 | 304L |
| | 1.4541 | X6CrNiTi18-10 | 321 |
| | 1.4401 | X5CrNiMo17-12-2 | 316 |
| | 1.4404 | X2CrNiMo17-12-2 | 316L |
| | 1.4571 | X6CrNiMoTi17-12-2 | 316Ti |

Materials for clad heads are made of roll-bonded or Explosion bonded clad plates made by manufacturer.

| Base materials | Claddings |
|--|---|
| We offer the same steel grades as in pressure vessel steel for heads | We offer ferritic and austenitic stainless steels, nickel and nickel-based alloys, copper and copper-nickel-alloys as well as titanium as Cladding materials. |

We also offer Special steels, non-ferrous metals (ie. Aluminum, Titanium, Copper) and alloys, duplex and super duplex.