



# MATERIAL-LIST

THINKING STEEL. SINCE 1969





This overview only shows the materials we most frequently use. Please contact us if you require other qualities!

Nickel-based alloys

| Material no.       | Description  | UNS no. | ASTM         | VdTÜV material data sheet |
|--------------------|--------------|---------|--------------|---------------------------|
| 1.4864             | Alloy 330    | N08330  | SEW 470/B511 |                           |
| 1.4876             | Alloy 800    | N08800  | B564/B408    | WB 412                    |
| 1.4876 H / 1.4958  | Alloy 800 H  | N08810  | B564/B408    | WB 412/434                |
| 1.4876 HT / 1.4959 | Alloy 800 HT | N08811  | B564/B408    | WB 412                    |
| 2.4605             | Alloy 59     | N06059  | B564         | WB 505                    |
| 2.4610             | Alloy C4     | N06455  | B574         | WB 424                    |
| 2.4602             | Alloy C22    | N06022  | B564/B574    | WB 479                    |
| 2.4819             | Alloy C276   | N10276  | B564/B574    | WB 400                    |
| 2.4617             | Alloy B2     | N10665  | B564/B335    | WB 436                    |
| 2.4600             | Alloy B3     | N10675  | B564/B335    | WB 517                    |
| 2.4066             | Alloy 200    | N02200  | B564/B160    |                           |
| 2.4068             | Alloy 201    | N02201  | B564 /B160   | WB 345                    |
| 2.4858             | Alloy 825    | N08825  | B564/B335    | WB 432                    |
| 2.4816             | Alloy 600    | N06600  | B564/B166    | WB 305                    |
| 2.4851             | Alloy 601    | N06601  | B166         |                           |
| 2.4663             | Alloy 617    | N06617  | B564/B166    | WB 485                    |
| 2.4856             | Alloy 625    | N06625  | B564/B446    | WB 499                    |
| 2.4642             | Alloy 690    | N06690  | B564/B166    |                           |
| 2.4668             | Alloy 718    | N07718  | B637         |                           |
| 2.4669             | Alloy X750   | N07750  | B637         |                           |
| 2.4951             | Alloy 75     | N06075  |              |                           |
| 2.4952             | Alloy 80A    | N07080  | B637         |                           |
| 2.4969             | Alloy 90     | N07090  |              |                           |
| 2.4650             | Alloy C263   | N07263  |              |                           |
| 2.4360             | Alloy 400    | N04400  | B564/B164    | WB 263                    |
| 2.4375             | Alloy K500   | N05500  | B865         |                           |
| 2.4660             | Alloy 20     | N08020  | B462/B473    |                           |

Corrosion resistant stainless steels

| Material no. | Description            | UNS no. | ASTM              | VdTÜV material data sheet |
|--------------|------------------------|---------|-------------------|---------------------------|
| 1.3912       | Ni36                   | K93600  | SEW385            |                           |
| 1.3964       | X2CrNiMnMoNNb21-16-5-3 |         | SEW390            |                           |
| 1.4313       | X3CrNiMo13-4           | S41500  | A182 (F6NM)       | WB 395-3                  |
| 1.4418       | X4CrNiMo16-5-1         |         |                   |                           |
| 1.4404       | X2CrNiMo17-12-2        | S31603  | A182 (F316L)      |                           |
| 1.4429       | X2CrNiMoN17-13-3       | S31653  | A182 (F316LN)     |                           |
| 1.4438       | X2CrNiMo18-15-4        | S31703  | A182 (F317L)      |                           |
| 1.4462       | X2CrNiMoN22-5-3        | S31803  | A182 (F51)        | WB 418                    |
| 1.4410       | X2CrNiMoN25-7-4        | S32750  | A182 (F53)        |                           |
| 1.4501       | X2CrNiMoCuWN25-7-4     | S32760  | A182 (F55)        |                           |
| 1.4507       | X2CrNiMoCuN25-6-3      | S32520  | A182 (F59)        |                           |
| 1.4465       | X1CrNiMoN25-25-2       | S31050  | A182 (F310MoLn)   |                           |
| 1.4466       | X1CrNiMoN25-22-2       | S31050  | A182 (F310MoLn)   | WB 415-3                  |
| 1.4541       | X6CrNiTi18-10          | S32100  | A182 (321)        |                           |
| 1.4562       | X1NiCrMoCu32-28-7      | N08031  | B564/B649         |                           |
| 1.4571       | X6CrNiMoTi17-12-2      | S31635  | A182 (F316Ti)     |                           |
| 1.4529       | X1N1CrMoCuN25-20-7     | N08926  | B649              | WB 502                    |
| 1.4539       | X1NiCrMoCu25-20-5      | N08904  | A182/B649 (F904L) | WB 421                    |
| 1.4542       | X5CrNiCuNb16-4         | S17400  | A705/A564 (630)   |                           |
| 1.4547       | X1CrNiMoCuN20-18-7     | S31254  | A182 (F44)        |                           |
| 1.4550       | X6CrNiNb18-10          | S34700  | A182 (F347)       |                           |
| 1.4563       | X1NiCrMoCu31-27-4      | N08028  |                   | WB 483                    |
| 1.4565       | X2CrNiMnMoNbN25-18-5-4 | S34565  | A182 (F49)        |                           |
| 1.4828       | X15CrNiSi20-12         | S30900  | A473/SEW470 (309) |                           |
| 1.4841       | X15CrNiSi25-21         | S31000  | A182 (F310)       |                           |
| 1.4910       | X3CrNiMoBN17-13-3      |         |                   |                           |
| 1.4971       | X12CrCoNi21-20         |         | B639              |                           |
| 1.4980       | X6NiCrTiMoVB25-15-2    | S66286  | A638 (660)        | WB 435-3                  |

Titanium and titanium alloys

| Material no. | Description        | UNS no. | ASTM      | VdTÜV material data sheet |
|--------------|--------------------|---------|-----------|---------------------------|
| 3.7025       | Titan Grade 1      | R50250  | B381/B348 | WB 230-3                  |
| 3.7035       | Titan Grade 2      | R50400  | B381/B348 | WB 230-3                  |
| 3.7164       | Titan Grade 5 (LF) | R56400  |           |                           |
| 3.7165       | Titan Grade 5      | R56400  | B381/B348 | WB 230-3                  |
| 3.7235       | Titan Grade 7      | R52400  | B381/B348 | WB 230-3                  |
| 3.7105       | Titan Grade 12     | R53400  | B381/B348 |                           |

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