

# Alloy-Structure-Steel

[illegible]



| Project                           | China<br>GB, YB | Japan<br>JIS        | Germany<br>DIN (W-Nr. ) | America |                     |                 | England<br>BS     | France<br>NF      | Former<br>Soviet Union<br>Г О С Т | International<br>ISO |
|-----------------------------------|-----------------|---------------------|-------------------------|---------|---------------------|-----------------|-------------------|-------------------|-----------------------------------|----------------------|
|                                   |                 |                     |                         | ASTM    | AISI                | SAE             |                   |                   |                                   |                      |
| (14)<br>CrNi<br>Steel<br>Series   | 12CrNi2         | SNC415<br>(SNC21)   |                         |         |                     |                 |                   | 10N11,<br>16NC11  | 12XH2                             |                      |
|                                   | 12CrNi3A        | SNC815<br>(SNC22)   | 14NiCr10<br>(1. 5732)   |         |                     | -3415           | 665M13            | 10NC12,<br>14NC12 | 12XH3A                            |                      |
|                                   | 12Cr2Ni4A       |                     |                         |         | (E3310),<br>(E3316) | (3310),<br>3316 |                   | 12NC15            | 12X2H2A                           |                      |
|                                   | 20CrNi          |                     |                         |         | -3120               | -3120           | 635M15            | 20NC6             | 20XH                              |                      |
|                                   | 20CrNi3A        |                     |                         |         |                     |                 |                   | 20NC11            | 20XH3A                            |                      |
|                                   | 20Cr2Ni4A       |                     |                         |         |                     | -3325           |                   | 30NC14            | 20X2H4A                           |                      |
|                                   | 30CrNi3A        | SNC631<br>(SNC2)    |                         |         |                     | -3435           | 653M31            | 30NC11,<br>30NC12 | 30XH3A                            |                      |
|                                   | 37CrNi3A        | SNC836<br>(SNC3)    |                         |         |                     | -3335           |                   | 35NC15            |                                   |                      |
|                                   | 40CrNi          | SNC236<br>(SNC1)    |                         |         | -3140               | -3140           | 640M40            | 35NC6             | 40XH                              |                      |
|                                   | 45CrNi          |                     |                         |         | (A3145)             | -3145           |                   |                   | 45XH                              |                      |
| (15)<br>CrNiMo<br>Steel<br>Series | 40CrNiMoA       | SNCM439<br>(SNCM8)  |                         | 4340    | 4340,<br>-4337      | 4340,<br>4337   | 817M40,<br>816M40 |                   | 40XMA                             | R683/□ 4             |
|                                   |                 | SNCM220<br>(SNCM21) |                         | 8620    | 8620                | 8620            | 805M20            | 20NCD2            |                                   | R683/□12             |
|                                   |                 | SNCM240<br>(SNCM6)  |                         | 8640    | 8640                | 8640            | 945M38,<br>945A40 |                   |                                   | R683/□1              |
|                                   |                 | SNCM415<br>(SNCM22) |                         |         | 4315                |                 |                   |                   |                                   |                      |
|                                   |                 | SNCM420<br>(SNCM23) |                         | 4320    | 4320                | 4320            |                   |                   |                                   |                      |
|                                   |                 | SNCM431<br>(SNCM1)  |                         |         | -4337               | -4337           |                   |                   |                                   |                      |
|                                   |                 | SNCM447<br>(SNCM9)  |                         |         | 4347                |                 |                   |                   |                                   |                      |
|                                   |                 | SNCM625<br>(SNCM2)  |                         |         |                     |                 | 830M31            |                   |                                   |                      |
|                                   |                 | SNCM815<br>(SNCM25) |                         |         |                     |                 | 835M15            |                   |                                   | R683/□14             |
| (16)<br>B Steel<br>Series         | 40B             |                     |                         |         | TS14B35             |                 |                   |                   |                                   |                      |
|                                   | 40B             |                     |                         |         | 50B36H              |                 |                   |                   |                                   |                      |
|                                   | 40MnB           |                     |                         |         | TS14B35H            |                 |                   |                   |                                   |                      |
|                                   | 40MnB           |                     |                         |         | TS14B50H            |                 |                   |                   |                                   |                      |