

# Material Cross Reference Table

## ● Steel

| Classification                | Germany  | UK             | France    | Russia         | USA                   | Japan  | China      |
|-------------------------------|----------|----------------|-----------|----------------|-----------------------|--------|------------|
|                               | DIN      | BS             | NF        | ГОСТ           | AISI / ASTM           | JIS    | GB         |
| Spring Steel                  |          |                |           | 75<br>80<br>85 | 1075<br>1078          | SUP3   |            |
|                               |          |                | 60Si7     | 60C2           |                       | SUP6   |            |
|                               |          |                | 60Si7     | 60C2Г          | 9260                  | SUP7   |            |
|                               | 55Cr3    |                | 55Cr3     |                | 5155                  | SUP9   |            |
|                               |          |                | 60Cr3     |                | 5160                  | SUP9A  |            |
|                               | 50CrV4   | 735A51, 735H51 | 51CrV4    | ХФА50ХГФА      | 6150                  | SUP10  |            |
|                               |          |                |           | 50ХГР          | 51B60                 | SUP11A |            |
|                               | 54SiCr6  | 685A57, 685H57 | 54SiCr6   |                | 9254                  | SUP12  |            |
| Free Cutting Carbon Steel     |          | 705A60, 705H60 | 60CrMo4   |                | 4161                  | SUP13  |            |
|                               |          |                |           |                | 1110                  | SUM11  |            |
|                               |          |                |           |                | 1108                  | SUM12  | Y12        |
|                               |          |                |           |                | 1212                  | SUM21  |            |
|                               | 9SMn28   | (230M07)       | S250      |                | 1213                  | SUM22  | Y15        |
|                               | 9SMnPb28 |                | S250Pb    |                | 12L13                 | SUM22L | Y12Pb      |
|                               |          |                |           |                | 1215                  | SUM23  |            |
|                               |          |                |           |                |                       | SUM23L |            |
|                               | 9SMnPb28 |                | S250Pb    |                | 12L14                 | SUM24L | Y15Pb      |
|                               | 9SMn36   |                | S300      |                |                       | SUM25  |            |
|                               | 15S10    |                |           |                | 1117                  | SUM31  |            |
|                               |          |                |           |                |                       | SUM31L |            |
|                               |          | 210M15, 210A15 | (13MF4)   |                |                       | SUM32  | Y20        |
|                               |          |                | (35MF6)   |                | 1137                  | SUM41  | Y30<br>Y35 |
|                               |          |                | (45MF6.1) |                | 1141                  | SUM42  | Y40Mn      |
|                               |          | (226M44)       | (45MF6.3) |                | 1144                  | SUM43  |            |
| Carbon Chromium Bearing Steel |          |                |           |                | 51100                 | SUJ1   |            |
|                               | 100Cr6   |                | 100Cr6    | ИИХ15          | 52100                 | SUJ2   | Cr2        |
|                               |          |                |           |                | ASTM A 485<br>Grade 1 | SUJ3   |            |
|                               |          |                |           |                |                       | SUJ4   |            |
|                               |          |                |           |                |                       | SUJ5   |            |

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Technical  
Information