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| --- | --- | --- | --- | --- | --- |
| **不锈钢钢带硬度对照表** | | | | | |
| **维氏硬 度(HV)** | **布氏硬 度(HB)** | **洛氏硬度** | | | **消氏硬度（HS)** |
| **(HRA)** | **(HRB)** | **(HFC)** |
| 396 | 375 | 70. 6 | —— | 40. 4 | 54 |
| 383 | 363 | 70. 0 | —— | 39.1 | 52 |
| 372 | 352 | 69. 3 | —— | 37.9 | 51 |
| 360 | 341 | 68. 7 | —— | 36. 6 | 50 |
| 350 | 331 | 68. 1 | —— | 35.5 | 48 |
| 339 | 321 | 67. 5 | —— | 34.3 | 47 |
| 328 | 311 | 66.9 | —— | 33.1 | 46 |
| 319 | 302 | 66.3 | —— | 32.1 | 45 |
| 309 | 293 | 65. 7 | —— | 30.9 | 43 |
| 301 | 285 | 65.3 | —— | 29. 9 | —— |
| 292 | 277 | 64. 6 | —— | 28.8 | 41 |
| 284 | 269 | 64. 1 | —— | 27.6 | 40 |
| 276 | 262 | 63. 6 | —— | 26. 6 | 39 |
| 269 | 255 | 63. 0 | —— | 25.4 | 38 |
| 261 | 248 | 62. 5 | —— | 24.2 | 37 |
| 253 | 241 | 61. 8 | 100.0 | 22.8 | 36 |
| 247 | 235 | 61.4 | 99.0 | 21.7 | 35 |
| 241 | 229 | 60.8 | 98.2 | 20.5 | 34 |
| 234 | 223 | —— | 97.3 | —— | —— |
| 228 | 217 | —— | 96.4 | —— | 33 |
| 222 | 212 | —— | 95.5 | —— | —— |
| 218 | 207 | —— | 94.6 | —— | 32 |
| 212 | 201 | —— | 93.8 | —— | 31 |
| 207 | 197 | —— | 92.8 | —— | 30 |
| 207 | 197 | —— | 92.8 | —— | 30 |
| 202 | 192 | —— | 91.9 | —— | 29 |
| 196 | 187 | —— | 90.7 | —— | —— |
| 192 | 183 | —— | 90 | —— | 28 |
| 188 | 179 | —— | 89 | —— | 27 |
| 182 | 174 | —— | 87.8 | —— | —— |
| 178 | 170 | —— | 86.8 | —— | 26 |
| 175 | 167 | —— | 86 | —— | —— |
| 171 | 163 | —— | 85 | —— | 25 |
| 163 | 156 | —— | 82.9 | —— | —— |

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| **钢种** | **状态** | **力学性能** | | | |
| **维氏硬度HV** | **抗拉强度(MPa)** | **延伸率(%)** | **屈服强度(Mpa）** |
| SUS301 | ANN | ≤218 | ≥520 | ≥40 | ≥205 |
| 1/4H | 270-310 | ≥690 | ≥25 | ≥380 |
| 1/2H | 310-370 | ≥930 | ≥10 | ≥510 |
| 3/4H | 370-430 | ≥1130 | ≥5 | ≥745 |
| FH | 430-490 | ≥1320 | —— | ≥1030 |
| EH | 490-530 | ≥1570 | —— | ≥1275 |
| SEH | ≥530 | ≥1740 | —— | ≥1450 |
| SUS304 | ANN | ≤200 | ≥520 | ≥40 | ≥205 |
| 1/4H | 220-250 | ≥690 | ≥20 | ≥380 |
| 1/2H | 250-310 | ≥780 | ≥6 | ≥470 |
| 3/4H | 310-370 | ≥930 | ≥3 | ≥665 |
| FH | >370 | ≥1130 | —— | ≥880 |
| SUS430 | ANN | ≤200 | ≥420 | ≥22 | ≥205 |
| 1/4H | 160-200 | ≥550 | ≥5 | ≥500 |
| 1/2H | 200-240 | ≥650 | ≥3 | ≥600 |
| 3/4H | 240-280 | ≥750 | ≥2 | ≥680 |
| FH | ≥280 | ≥850 | ≥1 | ≥800 |
| SUS 201 | —— | ≥253 | ≥635 | ≥40 | ≥245 |
| SUS 304L | —— | ≥200 | ≥480 | ≥40 | ≥175 |
| SUS 305 | —— | ≥200 | ≥480 | ≥40 | ≥175 |
| SUS 309S | —— | ≥200 | ≥520 | ≥40 | ≥205 |
| SUS 310S | —— | ≥200 | ≥520 | ≥40 | ≥205 |
| SUS 316 | —— | ≥200 | ≥520 | ≥40 | ≥205 |
| SUS 316L | —— | ≥200 | ≥480 | ≥40 | ≥175 |
| SUS 317 | —— | ≥200 | ≥520 | ≥40 | ≥205 |
| SUS 321 | —— | ≥200 | ≥520 | ≥40 | ≥200 |
| （铁素体） SUS 409 | —— | ≥200 | ≥380 | ≥22 | ≥205 |
| SUS 430LX | —— | ≥200 | ≥365 | ≥22 | ≥175 |
| （马氏体）SUS410 | —— | ≥210 | ≥440 | ≥20 | ≥205 |
| SUS 410S | —— | ≥200 | ≥410 | ≥20 | ≥205 |
| SUS 420J | —— | ≥234 | ≥520 | ≥18 | ≥225 |
| SUS 440A | —— | ≥270 | ≥590 | ≥15 | ≥245 |

**不锈钢钢带硬度对照表**

|  |  |  |
| --- | --- | --- |
| **不锈钢钢带国际型号对表** | | |
| 中国(GB) | 西德(DIN) | 日本（JLS) |
| 1Cr17Mn6Ni5N | —— | SUS201 |
| 1Cr18Mn8Ni5N | X8CrMnNi189(1.4371) | SUS202 |
| 1Cr17Ni7 | X12CrNi177(1.4310) | SUS301 |
| —— | -1.4324 | —— |
| 1Cr18Ni9 | X12CrNi188(1.4300) | SUS302 |
| Y1Cr18Ni9 | X12CrNis188(1.4300) | SUS303 |
| Y1Cr18Ni9Sc | X12CrNis188(1.4305) | SUS303 Se |
| OCr19Ni9 | X5CrNi189(1.4301) | SUS304 |
| OOCr19Ni11 | X2CrNi189(1.4306) | SUS304 L |
| OCr19Ni19N | —— | SUS304 N1 |
| OCr19Ni10N6N | —— | SUS304 N2 |
| OOCr18Ni10N | X2CrNi18 10(1.4311) | SUS304 LN |
| 1Cr18Ni12 | X5CrNi19 11(1.4303) | SUS305 |
| OCr23Ni13 | X7CrNi123 14(1.4833) | SUS309 S |
| OCr25Ni20 | X12CrNi25 21(1.4845) | SUS300 S |
| OCr17Mi12Mo2 | X5CrNiMo18 10(1.4401) | SUS316 |
| —— | X5CrNiMo18 12(1.4436) | —— |
| OC18Ni12Mo2Ti | X10CrNiMTi1810(1.4571) | —— |
| OOCr17Ni14M02 | X2CrNiMo1812(1.4435) | SUS316 L |
| —— | X2CrNiMo1810(1.4404) | —— |
| OCr17Ni12Mo2N | —— | SUS316 N |
| OOCr17Ni13Mo2N | X2CrNiMoN1812(1.4406) | SUS316 LN |
| —— | X2CrNiMoN1813(1.4429) | —— |
| OCr18Ni12Mo2Cu2 | —— | SUS316 JI |
| OOCr18Ni14Mo2Cu2 | —— | SUS316 JIL |
| OCr18Ni12Mo3Ti | X5CrNiMo1713(1.4449) | SUS317 |
| 1Cr18Ni12Mo3Ti | X10CrNiMoTi1812(1.4573) | —— |
| OCr18Ni18MO2Cu2Ti | X5NiCrMoCuTi2018 | —— |
| —— | 1.4506 | —— |
| OCr23Ni28MO3CuTi | —— | —— |
| OCr21Ni5Ti | —— | —— |
| 1Cr21Ni5Ti | —— | —— |
| OCr17Min13N | —— | —— |
| （Y)Cr3se | —— | —— |
| OOCr19Ni13Mo3 | X2CrNiMo1816(1.4438) | SUS317 L |
| OCr18Ni16Mo3 | —— | SUS317 JI |
| 1Cr18Ni9Ti | X10CrNiTi189(1.4541) | —— |
| OCr18Ni11Ti | X10CrNiTi189(1.4541) | SUS321 |
| OCr18Ni11N6 | X10CrNiNb189(1.4450) | SUS347 |
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| --- | --- | --- |
| OCr18Ni9Cu3 | X3CrNiCu189(1.4567) | SUSX M7 |
| OCr18Ni113S14 | —— | SUSXM15 JI |
| OCr26NiMo2 | X8CrNiMo275(1.4460) | SUS329 JI |
| 1Cr18Ni11Si4A1Ti | —— | —— |
| OOCr18Ni5Mo3Si2 | —— | —— |
| OOCr18Ni10 | X2CnNi189(1.4306) | SUS304 L |
| OCr18Ni9 | X5CrNi189(1.4301) | SUS304 |
| OCr18Ni9 | —— | —— |
| OCr18Ni9Ti | X10CrNiTi189(1.4541) | SUS321 |
| OCr18Ni11Nb | X10CrNiNb189(1.4450) | SUS347 |
| OCr13A1 | X7CrA113(1.4002) | SOS 405 |
| OOCr12 | —— | SUS 410L |
| 1Cr17 | X8Cr17(1.4016) | SUS 430 |
| Y1Cr17 | X12CrMoS17(1.4104) | SUS 430F |
| 1Cr17Mo | X6CrMo17(1.4113) | SUS 434 |
| OOCr30Mo2 | —— | SUS 447 JI |
| OOCr27Mo | X1CrMo26 1(1.4131) | SUS XM27 |
| 1Cr12 | X10Cr13(1.4006) | SUS 403 |
| 1Cr13 | X10Cr13(1.4006) | SUS 410 |
| 1Cr13Mo | —— | SUS 410 JI |
| Y1cr13 | X12CrS13(1.4003) | SUS416 |
| 2Cr13 | X20Cr13(1.4021) | SUS420 JI |
| 3Cr13 | X30Cr13(1.4028) | SUS 420 J2 |
| Y3Cr13 | —— | SUS 420 F |
| 1Cr17Ni2 | X22CrNi17(1.4051) | SUS 431 |
| 7Cr17 | X65CrMo14(1.4109) | SUS 440 A |
| 8Cr17 | X90CrMoV18(1.4112) | SUS 440 B |
| 11Cr17 | X105CrMo17(1.4125) | SUS440 C |
| Y11Cr17 | —— | SUS440 F |
| OCr17N14Cu4Nb | X5CrNiCuNb174(1.4542) | SUS630 |
| 1Cr17Ni7A1 | X7CrNi1177（1.4568） | SUS631 |
| OCr15N17Mo2A1 | X7CrNiMoA1157(1.4532) | —— |
| Ocr13 | X7Cr13(1.4000) | SUS410 S |
| (Y)1Cr14S | —— | —— |
| 1Cr28 | —— | —— |
| OCr17Ti | X8Cr1i17(1.4510) | —— |
| 1Cr17Ti | X8Crli17(1.4510) | SUS430 |
| 1Cr25Ti | —— | —— |
| 1CY17Mo J | X8CrMo17(1.4113) | SUS434 |
| 4Cr13 | X40Cr13(1.4031) | SUS420 J2 |
| (Y)2Cr13Ni2 | —— | —— |
| OCi18 | X105CrMo1(1.4125) | SUS440 C |
| OC18Mov | X90CrMoV18(1.4112) | SUS440 B |
|  |  |  |

**不锈钢钢带国际型号对表**