

[Ag] - Silver
 [Al] - Aluminum
 [Au] - Gold
 [Cu] - Copper
 Copper Water cooled
 [Fe] - Iron
 [Mg] - Magnesium
 [Mo] - Molybdenum
 [Ni] - Nickel
 [Ni] - Nickel hard
 [Pb] - Lead
 [Pd] - Palladium
 [Pt] - Platinum
 [Si] - Silicon
 [Sn] - Tin
 [Ti] - Titanium
 Titanium Grade 1
 [W] - Tungsten

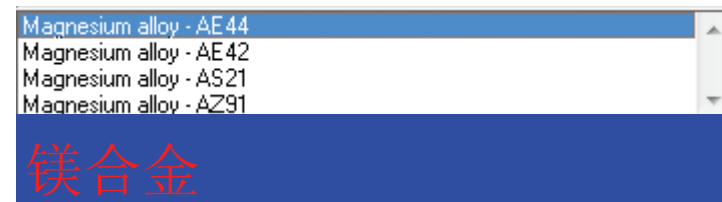
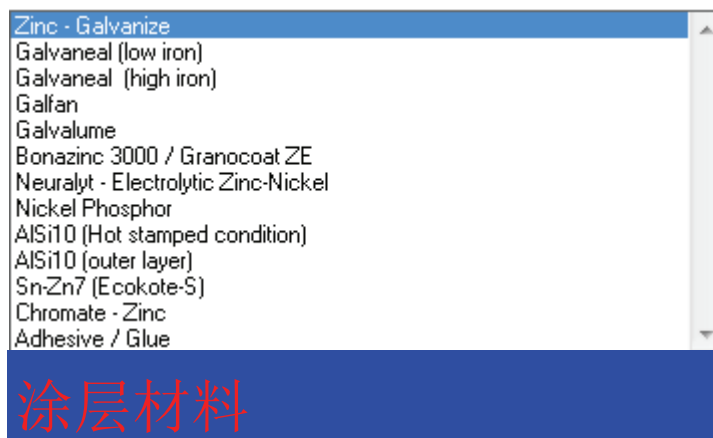
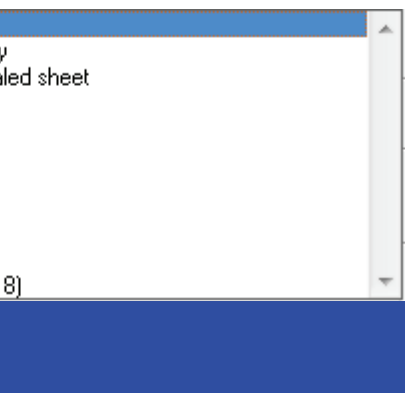
纯金属材料

ISO 5182 A1-1 Electrode E-Cu
 ISO 5182 A1-2 Electrode CuCd
 ISO 5182 A2-1 Electrode CuCr
 ISO 5182 A2-2 Electrode CuCrZr
 ISO 5182 A2-4 Electrode CuZr
 ISO 5182 A3-1 Electrode CuCoBe
 ISO 5182 A4-2 Electrode CuBe 2
 ISO 5182 A4-4 Electrode CuAlFeNi
 ISO 5182 B10 Electrode W75Cu
 ISO 5182 B11 Electrode W78Cu
 Glidcop Al-15 0.15% Al (C15715)
 Glidcop Al-25 0.25% Al (C15725)
 Glidcop Al-35 0.35% Al (C15735)
 Glidcop Al-60 0.60% Al (C15760)
 Insulation

电极材料

Kovar (29Ni 17Co)
 Nitinol - NiTi Shape Memory Alloy
 Inconel 600 (NiCr16Fe8) - annealed
 50Alloy (50Ni - Fe)
 45Alloy (45Ni - Fe)
 42Alloy (42Ni - Fe)
 Invar36 (36Ni - Fe)
 Super Invar32 (32Ni 5Co - Fe)
 Inconel 750 (NiCr15Fe6) - aged
 Haynes 230 Alloy (NiCr22W14)
 HASTELLOY-X Alloy (NiCr22Fe10)

镍合金



, HSLA钢, DP钢,

钢

AISI 1005/W.Nr.1.0288 (Hr): C0.06 Mn0.35 *
AISI 1006/W.Nr.1.0311 (Hr): C0.08 Mn0.32 *
AISI 1008/W.Nr.1.0338 (Hr): C0.10 Mn0.40 *
AISI 1010/W.Nr.1.1121 (Hr): C0.11 Mn0.45
AISI 1017/W.Nr.1.0037 (An): C0.20 Mn0.6
AISI 1017/W.Nr.1.0037 (Hr): C0.20 Mn0.6
AISI 1023/W.Nr.1.1151 (Hr): C0.23 Mn0.45
AISI 1025/W.Nr.1.1158 (Hr): C0.25 Mn0.45
AISI 1026/W.Nr.1.1155 (Hr): C0.25 Mn0.75
AISI 1038/W.Nr.1.1176 (Hr): C0.39 Mn0.80
AISI 1038H/W.Nr.1.1176 (Hr): C0.39 Mn0.80 Si 0.23
AISI 1039/W.Nr.1.1157 (Hr): C0.42 Mn0.85
AISI 1040/W.Nr.1.1186 (An): C0.40 Mn0.75
AISI 1040/W.Nr.1.1186 (Hr): C0.40 Mn0.75
AISI 1042/W.Nr.1.0517 (Hr): C0.47 Mn0.90
AISI 1078/W.Nr.1.0620 (Hr): C0.80 Mn0.32 Cr0.11 Ni0.13 Cu0.07
AISI 1080/W.Nr.1.1259 (An): C0.88 Mn0.9
AISI 1080W.Nr.1.1259 (Hr): C0.88 Mn0.9
AISI 1513: C0.13 Mn1.10
AISI 1524/W.Nr.1.0499 (Hr): C0.20 Mn1.40
AISI 4037/W.Nr.1.2382 (OQ): C0.37 Mn0.8 Si0.23 Mo0.25
AISI 4130/W.Nr.1.7218 (An): C0.3 Mn0.5 Si0.3 Cr0.95 Mo0.5
AISI 4140/W.Nr.1.7225 (An): C0.41 Mn0.67 Cr1.01 Mo0.23
AISI 4140H/W.Nr.1.7225: C0.41 Mn0.88 Cr0.93 Mo0.20 Si 0.23
AISI 4340/W.Nr.1.6565 (An): C0.4 Mn0.70 Si0.22 Cr0.80 Ni1.82 Mo0.2
AISI 4340H/W.Nr.1.6565: C0.4 Mn0.72 Si0.23 Cr0.80 Ni1.78 Mo0.25
AISI 5132/W.Nr.1.7033: C0.32 Mn0.7 Si0.23 Cr0.87
AISI 5132H/W.Nr.1.7034: C0.35 Mn0.59 Cr0.88 Ni0.26 Mo0.20 Cu0.12
AISI 5135/W.Nr.1.7034: C0.33 Mn0.55 Cr0.17 Ni3.47 Mo0.04 Cu0.09
AISI 5135H/W.Nr.1.7035: C0.34 Mn0.55 Cr0.78 Ni3.53 Mo0.39 Cu0.05
AISI 5140/W.Nr.1.7035 (An): C0.41 Mn0.8 Si0.23 Cr0.8

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AISI 201: C0.15 Mn6.5 Si1.0 Cr17.0 Ni4.5
AISI 202: C0.15 Mn8.8 Si1.0 Cr18.0 Ni5.0
AISI 301/W.Nr.1.4310: C0.15 Mn2.0 Cr17.0 Ni 7.0
AISI 302/W.Nr.1.4369: C0.15 Mn2.0 Cr18.0 Ni 9.0
AISI 302B/W.Nr.1.4330: C0.15 Mn2.0 Si2.5 Cr18.0 Ni9.0
AISI 303/W.Nr.1.4305: C0.15 Mn2.0 Si1.0 Cr18.0 Ni 9.0
AISI 303Se/W.Nr.1.4305: C0.15 Mn2.0 Si1.0 Cr18.0 Ni 9.0 Se0.15
AISI 304/W.Nr.1.4301: C0.08 Mn2.0 Si1.0 Cr19.0 Ni 9.3
AISI 304N: C0.08 Mn2.0 Si1.0 Cr19.0 Ni 9.3 N0.13
AISI 305/W.Nr.1.4303: C0.12 Mn2.0 Si1.0 Cr18.0 Ni 11.8
AISI 308/W.Nr.1.4303: C0.08 Mn2.0 Si1.0 Cr20.0 Ni 11.0
AISI 309/W.Nr.1.4828: C0.20 Mn2.0 Si1.0 Cr23.0 Ni 13.5
AISI 309S/W.Nr.1.4833: C0.08 Mn2.0 Si1.0 Cr23.0 Ni 13.5
AISI 309SCb: C0.08 Mn2.0 Si1.0 Cr23.0 Ni 13.5 Nb0.64
AISI 310/W.Nr.1.4845: C0.25 Mn2.0 Si1.5 Cr25.0 Ni20.5
AISI 310S: C0.08 Mn2.0 Si1.5 Cr25.0 Ni20.5
AISI 314/W.Nr.1.4841: C0.25 Mn2.0 Si2.25 Cr24.5 Ni20.5
AISI 316/W.Nr.1.4401: C0.08 Mn2.0 Si1.0 Cr17.0 Ni12 Mo2.5
AISI 316L: C0.03 Mn2.0 Si1.0 Cr17.0 Ni12 Mo2.5
AISI 316N: C0.08 Mn2.0 Si1.0 Cr17.0 Ni12 Mo2.5 N0.13
AISI 317/W.Nr.1.4449: C0.08 Mn2.0 Si1.0 Cr19.0 Ni13.0 Mo3.5
AISI 317L/W.Nr.1.4438: C0.03 Mn2.0 Si1.0 Cr19.0 Ni13.0 Mo3.5
AISI 321/W.Nr.1.4641: C0.08 Mn2.0 Si1.0 Cr18.0 Ni10.5 Ti0.4
AISI 330: C0.08 Mn2.0 Si1.13 Cr18.5 Ni35.5
AISI 347/W.Nr.1.455: C0.08 Mn2.0 Si1.00 Cr18.0 Ni11.0 Nb0.7
AISI 384: C0.08 Mn2.0 Si1.00 Cr16.0 Ni18.0
AISI 405/W.Nr.1.4002: C0.08 Mn1.0 Si1.00 Cr13.0 Al0.2
AISI 410/W.Nr.1.4006: C0.15 Mn1.0 Si1.00 Cr12.3
AISI 414: C0.15 Mn1.0 Si1.00 Cr12.5 Ni1.88
AISI 416/W.Nr.1.4005: C0.15 Mn1.25 Si1.00 Cr13.0
AISI 420/W.Nr.1.4005: C0.15 Mn1.0 Si1.00 Cr13.0
AISI 429: C0.12 Mn1.0 Si1.00 Cr15.0
AISI 430/W.Nr.1.4016: C0.12 Mn1.0 Si1.00 Cr17.0
AISI 430F/W.Nr.1.4104: C0.12 Mn1.25 Si1.00 Cr17.0 Mo0.6
AISI 444: C0.03 Mn1.0 Si1.0 Cr18.5 Ni1.0 Mo2.13 N0.035 Ti+Nb0.44
AISI 446: C0.20 Mn1.5 Si1.0 Cr25.0 N0.25
AISI 501/W.Nr.1.7362: C0.10 Mn1.0 Si1.0 Cr5.0 Mo0.53

AA5457 (O): Al 98.7 Mn0.3 Mg1.0
 AA5652 (O): Al 97.2 Mg2.5 Cr0.25
 AA5754 (H22): Al 95.7 Mg3.0 Mn0.5 Si0.4 Fe0.4
 AA6005 (T1): Al 98.7 Si0.80 Mg0.50
 AA6009 (T6): Al 97.7 Si0.80 Cu0.35 Mn0.50 Mg0.60
 AA6010 (T4): Al 97.3 Si1.0 Cu0.35 Mn0.50 Mg0.8
 AA6014 (T4): Al 98.2 Si0.45 Cu0.25 Mn0.12 Mg0.6 Fe 0.35
 AA6016 (T4): Al 97.3 Si1.4 Cu0.2 Mn0.20 Mg0.5 Fe 0.5
 AA6061 (O): Al 97.9 Si0.60 Cu0.28 Mg1.0 Cr0.20
 AA6061 (T4): Al 97.9 Si0.60 Cu0.28 Mg1.0 Cr0.20
 AA6063 (O): Al 98.9 Si0.40 Mg0.70
 AA6063 (T6): Al 98.9 Si0.40 Mg0.70
 AA6066 (O): Al 95.7 Si1.40 Cu1.0 Mn0.8 Mg1.10
 AA6070 (O): Al 96.8 Si1.40 Cu0.28 Mn0.7 Mg0.80
 AA6101 (T6): Al 98.9 Si0.50 Mg0.60
 AA6111 (T4): Al 98.2 Si0.85 Mg0.75 Cu0.70
 AA6151 (T6): Al 98.2 Si0.90 Mg0.60 Cr0.25
 AA6181 (T4): Al 98.3 Si0.90 Mg0.80
 AA6201 (T6): Al 98.5 Si0.70 Mg0.80
 AA6205 (T1): Al 98.4 Si0.80 Mn0.10 Mg0.50 Cr0.10 Zr0.10
 AA6262 (T9): Al 96.8 Si0.60 Cu0.28 Mg1.0 Cr0.09 Bi0.6 Pb0.6
 AA6351 (T6): Al 97.8 Si1.0 Mn0.6 Mg0.6
 AA6463 (T6): Al 98.9 Si0.40 Mg0.70
 AA7050 (T74): Al 89.0 Cu2.3 Mg2.3 Zn6.2 Zr0.12
 AA7075 (T6): Al 90.0 Cu1.6 Mg2.5 Cr0.23 Zn5.6
 AA7175 (T74): Al 90.0 Cu1.6 Mg2.5 Cr0.23 Zn5.6
 AA7475 (T61): Al 90.3 Si1.50 Mg2.3 Cr0.22 Zn5.7

C51900/W.Nr.2.1020: Cu93 Sn6
 C71500/W.Nr.2.0882: Cu70 Ni 30
 C75700/W.Nr.2.0730: Cu64 Ni12 Zn24 (Neusilber)
 C93200/W.Nr.2.1090: Cu83 Sn7 Pb 7 Zn3
 L-Ag15P: Cu80 Ag15 P5

TRIP 700 - H400T *
 TRIP 800 *
 TRIP 1000
 Mart 950/1200 - SAE J2340 1200M
 Mart 1250/1500 - SAE J2340 1500M
 22MnB5 - USIBOR 1500 (Hot stamp)
 CP 800 - HDT780C*
 TWIP 980

W *
ed condition)

AISI 5017 W.Nr. 1.7532: C0.10 Mn1.0 Si1.0 Cr5.0 Mo0.53
AISI 502: C0.10 Mn1.0 Si1.0 Cr5.0 Mo0.53
AISI 632/W.Nr.1.4532: C0.09 Mn1.0 Si1.0 Cr15.0 Ni7.3 Mo2.5 Al1.13
AISI 633: C0.09 Mn0.88 Si0.5 Cr16.5 Ni4.5 Mo2.88 N0.1
AISI 634: C0.13 Mn0.88 Si0.5 Cr15.5 Ni4.5 Mo2.88
W.Nr. 1.4462/2304: C0.03 Mn1.4 Si0.5 Cr23 Ni4
W.Nr. 1.4362/2205: C0.03 Mn1.0 Si0.8 Cr22 Ni5.5 Mo3.1