Industrial Solutions

INSO GROUP SPAIN, S.L.

MATERIALES CENTRIFUGADO / CENTRIFUGAL CASTINGS

ACERO / STEEL
HIERRO / IRON
INOXIDABLE / STAINLESS STEEL
ALEACIONES ESPECIALES / SPECIAL ALLOYS
ALUMINIO / ALUMINIUM
COBRE / COPPER
CUPRONÍQUEL / COPPER-NICKEL
BRONCE / BRONZE
LATÓN / BRASS

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Industrial Solutions

Metales no férricos
Non ferrous alloys

1.Cobre – Estaño (Bronce al estaño)
Tin – Copper (Tin bronze)

Gz-CuSn5Zn5Pb5-C ; CC491K ; 85/5/5/5 ; 85/5 ; RG5 ; C3520 ; C83600 ; SAE 40 ; 2.1096
Gz-CuSn7Zn4Pb7-C ; CuSn7Zn2Pb3-C ; CuSn7 ; CC492K ; RG7 ; CC493K ; C3530 ; C92410 ; SAE 660 ; 2.1090 ; LG4
Gz-CuSn7ZnPb ; RG7 ; CuSn7Pb6Zn4 ; CuSn7Zn4Pb7-C ; C93200 ; CC493K ; LG2 ; 2.1090
Gz-CuSn10; CuSn10-C; 90/10; RG10; CC480K; 7013/72-1; G-SnBz10 ; SAE 63 ; BS1400 PB1; A-53-707; UE10P ; CT1; 2.1050
Gz-CuSn10Zn ; C90500 ; RG10 ; G1 ; 2.1086
Gz-CuSn12P ; CuSn11P-C ; CC481K ; C91600
Gz-CuSn11Pb2-C ; CuSn12Pb ; CC482K ; C3350 ; C92500 ; SAE 62 ; 2.1061
GZ-CuSn12 ; CuSn12-C ; CC483K ; 88/12 ; SnBz12 ; UE12 ; RG12 ; C3130 ; C3820 ; PB2 ; C90800 ; SAE 65 ; RG14 ; 2.1052
Gz-CuSn12Ni ; CuSn12Ni2 ; CC484K ; CuSn12Ni2-C ; C91700 ; CT2 ; 2.1060
Gz-CuSn12Ni2-C ; C3130 ; C3820 ; C90700 ; C90710 ; C90810 ; SAE 65
Gz-CuBz14 ; CuSn14 ; C91000

2.Cobre – Plomo (Bronce al plomo)
Lead – Copper (Lead bronze)

Gz-CuSn5Pb9-C ; CC494K ; LB4 ; C93500
Gz-CuPb10Sn ; CuSn10Pb10-C ; CuSn10Pb10 ; CC495K ; LB2 ; C93700 ; 2.1176
Gz-CuPb15Sn ; CuSn7Pb15-C ; CuPb15Sn ; CC496K ; LB1 ; C93800 ; 2.1182
Gz-CuPb20Sn ; CuSn5Pb20-C ; CuPb20Sn5 ; CC497K ; LB5 ; C94100 ; 2.1188

3.Cobre – Aluminio (Bronce aluminio)
Aluminium – Copper (Aluminium bronze)

CuAl9 ; CC330G ; CuAl9-C ; C95300
Gz-CuAl10Fe ; CC331G ; CuAl10Fe3 ; CuAl10Fe2-C ; AB1 ; C95200 ; 2.0940
Gz-CuAl9Ni ; CC332G ; CuAl9Ni3Fe2 ; CuAl9Ni3Fe2-C ; 2.0970
Gz-CuAl11Fe4Ni4 ; C95500 ; SAE 68B ; SAE J461/J462 ; AB2 ; CC333G ; 2.0975.04 ;mZCuAl9Fe4Ni4Mn2 ; CuAl10Fe5Ni5
Gz-CuAl10Fe5Ni5-C; CC333G; CuAl10Ni; CuAl10Fe5Ni5; F60; F45; AB2; C413; F50; C4220; C95400; C415; C95800; 2.0975
Gz-CuAl11Ni ; CC334G ; CuAl12Fe5Ni5 ; C95520 ; 2.0980 ; CuAl11Fe6Ni6-C

4.Cobre – Zinc (Latón)
Zinc – Copper (Brass)

Gz-CuZn25Al5; CuZn25Al5Mn4Fe3-C; CC762S; CuZn19Al6; UZ23A4; G-SoMs F75; C2620; C2625; HTB3; C86100; C86200; C86300; SAE 430; 2.0598
CuZn23Al4 ; C86200
G-CuZn33Pb ; CuZn33Pb2-C ; CuZn33Pb ; CC750S ; G-Ms65 ; SCB3 ; C85700 ; 2.0290
Gz-CuZn34Al2 ; CuZn34Mn3Al2Fe1-C ; CC764S ; G-SoMs F60 ; HTB1 ; C86700 ; 2.0596
Gz-CuZn35Al1 ; CuZn35Mn2Al1Fe1-C ; CC765S ; G-SoMs F45 ; HTB1 ; C86700 ; 2.0592
Gz-CuZn40Pb2 ; CuZn40 ; CuZn39Pb1Al-C ; CC754S ; MS58 ; DCB3 ; PCB1 ; C86400 ; C86500 ; 2.0403

5.Cuproníquel
Copper – Nickel

G-CuNi10 ; CuNi10 ; CC380H ; CC380B ; CuNi10Fe1Mn1-C ; C96200 ; 2.0815
G-CuNi30 ; CuNi30 ; CC381H ; CuNi30Fe1Mn1-C ; C96400 ; 2.0835.01
G-CuNi30Nb ; CC383H ; CuNi30Fe1Mn1NbSi-C

6.Aluminio
Aluminium

G-AlZn10SiMgTi ; SA710.1

Industrial Solutions

Hierro
Iron

1. Hierro / *Iron*

1.1. Hierro gris / grafito laminar
Gray iron / lamellar graphite

EN-GJL-150; GG15; EN-JL1020; 0.6015
EN-GJL-200; GG20; EN-JL1030; 0.6020
EN-GJL-250; GG25; EN-JL1040; 0.6025
EN-GJL-300; GG30; EN-JL1050; 0.6030

EN-GJL-HB 175; GG170 HB; EN-JL2020; 06017
EN-GJL-HB 195; GG190 HB; EN-JL2030; 06022
EN-GJL-HB 215; GG220 HB; EN-JL2040; 06027
EN-GJL-HB 235; GG240 HB; EN-JL2050; 06032
EN-GJL-HB 255; GG260 HB; EN-JL2060; 06037

1.2. Hierro nodular / grafito esferoidal
Nodular iron / spheroidal graphite

EN-GJS-400-15U; GGG40; EN-JS1072; 0.7040
EN-GJS-400-18U; EN-JS1062
EN-GJS-400-18U-LT; GGG40.3; EN-JS1049; 0.7043
EN-GJS-400-18U-RT; EN-JS1059
EN-GJS-500-7U; GGG50; EN-JS1082; 0.7050
EN-GJS-600-3U; GGG60; EN-JS1092; 0.7060
EN-GJS-700-2U; GGG70; EN-JS1102; 0.7070

EN-GJS-HB150; EN-JS2020
EN-GJS-HB155; EN-JS2030
EN-GJS-HB200; EN-JS2050
EN-GJS-HB230; EN-JS2060
EN-GJS-HB265; EN-JS2070

2. Hierro Austenítico
Austenitic Iron

5.1500; EN-GJLA-XNiCuCr15-6-2; F41000; Ni - Resist Typ-1
0.6655; GGL-NiCuCr15- 6-2
5.1500; EN-GJLA-XNiCuCr15-6-2; F41001; Ni - Resist Typ-B
0.6656; GGL-NiCuCr15-6-3
0.6660; GGL NiCr20-2; F41002; Ni-Resist Typ 2
0.6661; GGL-NiCr20-3; F41003; Ni - Resist Typ-2B
0.6676; GGL-NiCr 30 3; F41004; Ni-Resist Typ 3
0.6680; GGL-NiSiCr30-5-5; F41005; Ni - Resist Typ-4
0.7659; GGG-NiCrNb20-2; Ni - Resist Typ-D2W
5.3500; EN-GJSA-XNiCr20-2; F43000; Ni - Resist Typ-D2
0.7660; GGG-NiCr20-2
0.7661; GGG-NiCr20-3; F43001; Ni - Resist Typ-D2B
5.3503; EN-GJSA-XNi22; F43002; Ni - Resist Typ-D2C
0.7670; GGG-Ni22
5.3501; EN-GJSA-XNiMn23-4; F43010; Ni - Resist Typ-D2M
0.7673; GGG-NiMn23-4
0.7677; GGG-NiCr30-1; F43004; Ni - Resist Typ-D3A
5.3508; EN-GJSA-XNiSiCr30-5-5; F43005; Ni - Resist Typ-D4
0.7680; GGG-NiSiCr30-5-5
5.3504; EN-GJSA-XNi35; F43006; Ni - Resist Typ-D5
0.7683; GGG-Ni35

Industrial Solutions

Aceros + Aceros Inoxidables
Steel + Stainless Steel

1. Acero para bajas temperaturas
Steel for low temperature

1.1. Aceros Martensíticos
Martensitic Steel

1.6982 ; GX3CrNi13-4; J 91540; CA-6NM
1.6983 ; GX3CrNi16-5

1.2. Aceros Austeníticos
Austenitic Steel

1.6902 ; GX6CrNi18-10
1.6905 ; GX5CrNiNb18-10

2. Aceros ferríticos para altas temperaturas
Ferritic Steel for high temperature

1.4931 ; GX22CrMoV12-1
[1.4922] ; [X20CrMoV12-1]

J84090; GX10CrMoVNb9-1; J84090; C12A
[1.4903]; [X10CrMoVNb9-1]; [K91560]; P91

3. Aceros ferríticos resistentes al desgaste
Wear resistant Steel

3.1. Aceros al manganeso
Hadfield Manganese Steel

1.3802; GX130Mn12; J91139; Grade: B-3
[1.3401]; [X120Mn12]

1.3410; GX120MnCr13-2; J91309; Grade: C
1.341; GX120MnCr18-2

3.2. Aceros herramienta
Tool Steel

3.2.1. Aceros para trabajo en frío
Cold working Steel

K3505; G100Cr6
[1.3505]

K2080; GX210Cr12
[1.2080]

K2378; GX220CrVMo12-2
[1.2378]

1.2382; GX155CrVMo12-1
[1.2379]; [X155CrVMo12-1]; [T30402]; [D2]

K2436; GX210CrW12
[1.2436]

1.2602; GX165CrMoV12
[1.2601]; [X165CrMoV12]

KD5; GX155CrCoMoV12-3-1
[T 30405]; [D5]

3.2.2. Aceros para trabajo en caliente
Hot working Steel

1.2346; GX38CrMoV5-1
[1.2343]; [X38CrMoV5-1]

3.2.1. Aceros rápidos
High speed Steel

K476; S 6-7-2 1
K6259; S 9-2-5-4

3.3. Hierro fundición blanca
Chromium White cast iron

1.4088; GX170Cr18
1.4195; GX170CrMo25-2
K200; GX200CrVW20
30EH; GX210CrMo28-2; F45009; Class III Type A
CR25; GX225CrMo25; F45009; Class III Type A
K220; GX250CrV23
1.4192; GX250CrMoV25
5.5609; EN-GJN-HB555 (XCr18); F45007; Class II Type D
0.9645; GX260CrMoNi20-2-1 [K 202]
K292; GX270CrNiW29-3-2; F45005; Class II Type B
5.5608; EN-GJN-HB555 (XCr14)
0.9635; GX300CrMo16-3 [K 152]; F45005; Class II Type B
EN-JN3 029; EN-GJN-HV600 (XCr14)
K153; GX360CrMo16-3

3.4. Hierro fundido carburo ferrítico
Ferritic carbide cast iron

1.4085; GX70Cr29
1.4086; GX120Cr29
1.4136; GX70CrMo29-2
1.4138; GX120CrMo29-2
GL 20; GX120CrMo33-2
GL 21; GX220CrMo33-2

3.5. Hierro fundido carburo austenítico
Austenitic carbide cast iron

1.4091; GX120CrNiMoW35-15-3

4. Aceros resistentes a la corrosión
Corrosion resistant steels

4.1. Aceros inoxidables ferríticos y martensíticos
Ferritic and martensitic stainless steels

4.1.1. Aceros inoxidables estándar
Standard alloys (Stainless steel)

1,4008; GX7CrNiMo12-1

1.4011; GX12Cr12; J91150; CA-15
[1,4006]; [X12Cr13]; [S 41000]; [AISI 410]

1.4107; GX8CrNi12; CA-15 M
[~ AISI 414]

1.4120; GX20CrMo13
[1.4120]; [X20Cr13]

1.4036; GX46Cr13
[1.4034]; [X46Cr13]

1.4027; GX20Cr14; J91153; CA-40
[1.4021]; [X20Cr13]; [S42000]; [AISI 420]

1.4059; GX22CrNi17
[1.4057]; [X17CrNi16-2]

K4122; GX35CrMo17-1
[1.4122]; [X39CrMo17-1]

K4125; GX105CrMo17
[1.4125]; [X105CrMo17]; [S 44004]; [AISI 440C]

K4112; GX90CrMoV18
[1.4112]; [X90CrMoV18]

K030; GX40CrMoN16-1
[1.4108]; [X30CrMoN15-1]

El contenido de nitrógeno de las aleaciones martensíticas puede ser bajo demanda.
The nitrogen content of martensitic alloys can be on request

4.1.2. Aceros inoxidables martensíticos
Soft Martensitic stainless steels

1.4317; GX4CrNi13-4; J91540; CA-6NM
[1.4313]; [X3CrNiMo13-4]; [S41500]; [F6NM] 1.4393; GX4CrNiN13-4

1.4405; GX4CrNiMo16-5-1
[1,44418]; [X4CrNiMo16-5-1]

J91804; CB-6; J91804; CB-6
1,444; GX5CrNiMo16-5-2 K509; GX5CrNiMo16-5-2

4.1.3. Aceros inoxidables martensíticos endurecidos por precipitación
Soft martensitic stainless steels ; Precipitation hardenable

J92180; CB7CU-1
[1.4542]; [X5CrNiCuNb16-4]; [S17400]; [Type 630]

1.4525; GX5CrNiCu16-4 K510; GX5CrNiCuMo16-4-4-2

4.2. Aceros inoxidables Duplex austeníticos ferríticos
Austenitic Ferritic Duplex Stainless Steels

4.2.1. Duplex estándar
Standard duplex

1.4093 *; GX3CrNiCuN22-2 *Grado de material patentado / *Patented steel grade*

1.4392; GX3CrNiN23-4
[1.4362]

1.4347; GX6CrNiN26-7

J93371; CD-6MN; J93371; CD-6MN
[1,44460]; [X3CrNiMoN27-5-2]

1,444; GX6CrNiMo24-8-2
[S 31200]

1,444; GX2CrNiMoN26-6-3
1,444; GX2CrNiMoN22-5-3; J92205 / J93183; CD-3MN
[1,44462]; [X2CrNiMoN22-5-3]; [S31803] / [S32205]

1.4515; GX3CrNiMoCuN26-6-3
[1.4507]; [X2CrNiMoCuN25-6-3]; [S32550]

1.4517; GX2CrNiMoCuN25-6-3-3; J93372; CD-4MCuN K4582

GX4CrNiMoNb25-7
[1.4582]

4.2.2. Superduplex
Superduplex

1.4469; GX2CrNiMoN26-7-4; J93404; CE-3MN
[1.4410]; [X2CrNiMoN25-7-4]; [S32750]

1.4471; GX2CrNiMoWCuN27-6-3; J93380; CD-3MNWCuN
[1.4501]; [X2CrNiMoCuWN25-7-4]; [S32760]; F55

4.2.3. Duplex con alto contenido de carbón
High carbon duplex stainless steels

1.4339 ; GX32CrNi28-10
1.4340 ; GX40CrNi27-4 ; ~ CC-50
J92615

1.4464 ; GX40CrNiMo27-5

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4.3. Aceros inoxidables austeníticos
Austenitic stainless steels

4.3.1. Aceros inoxidables austeníticos sin Mo (Molibdeno)
Austenitic stainless steels without Mo

1.4312 ; GX10CrNi18-8 ; J92590 ; CF-10
[1.4310] ; [X10CrNi18-10] ; [S30200] ; [AISI 302]

K4305 ; GX8CrNiS18-9 ; AISI 303

1.4308 ; GX5CrNi19-10 ; J92600 ; CF-8 ; CPF8
[1.4301] ; [X5CrNi18-10] ; [S 30400] ; [AISI 304]

1.4309 ; GX2CrNi19-11 ; J92500 ; CF-3 ; CPF3
[1.4306] ; [X2CrNi19-11] ; [S30403] ; [AISI 304L]

1.4552 ; GX5CrNiNb19-11; J92710 ; CF-8C ; CPF8C
[1.4541] ; [X6CrNiTi18-10] ; [S32100] ; [ASI 321]
[1.4550] ; [X6CrNiNb18-10] ; [S34700] ; [AISI 347]
J93401 ; CH10

4.3.2. Aceros inoxidables austeníticos con contenido de Mo: 2-3%
Austenic stainless steel with content 2-3 % of Mo

1.4437 ; GX6CrNiMo18-12
[1.4436] ; [X3CrNiMo17-13-3]

1.4408 ; GX5CrNiMo19-11-2 ; J92900 ; CF8M ; CPF8M
[1.4401] ; [X5CrNiMo17-12-2] ; [S31600] ; [AISI 316]

1.3960 ; GX2CrNiMoN18-14-3
[1.4435] ; [X2CrNiMo18-14-3]
[1.4429] ; [X2CrNiMoN17-13-3]

1.4409 ; GX2CrNiMoN19-11-2 ; J92800 ; CF3M ; CPF3M
[1.4404] ; [X2CrNiMo17-12-2] ; [S31653] ; [AISI 316L]

1.4581 ; GX5CrNiMoNb19-11-2 ; J92971 ; CF10MC ; CPF10MC
[1.4571] ; [X6CrNiMoTi17-12-2]
[1.4580] ; [X6CrNiMoNb17-12-2] ; [S31640] ; [AISI 316CB]

1.4409 ; GX2CrNiMoN19-11-2 ; J92800 ; CF3MN
[1.4406] ; [X2CrNiMoN17-11-2] ; [S31653] ; [AISI 316LN]

K410 ; GX10CrNiMo18-10-2 ; J92901 ; CF10M

4.3.3. Aceros inoxidables austeníticos con contenido de Mo: 3-4%
Austenitic stainless steel with content 3-4 % of Mo

1.4412 ; GX5CrNiMo19-11-3 ; J93000 ; CG8M
[S31700] ; [AISI 317]

J92999 ; CG-3M
[1.4438] ; [X2CrNiMo18-15-4] ; [S31703] ; [AISI 317L]

4.3.4. Aceros inoxidables austeníticos con contenido de Mo: 4-6%
Austenitic stainless steel with content 4-6 % of Mo

1.4448 ; GX6CrNiMo17-13-5
[1.4449] ; [X5CrNiMo17-13-5] ; [S31725] ; [AISI 317LM]

1.4446 ; GX2CrNiMoN17-13-4
[1.4439] ; [X2CrNiMoN17-13-5] ; [S31726] ; [AISI 317LNM]

4.3.5. Aceros inoxidables especiales completamente austeníticos con alto aleaje
High alloyed fully austenitic special alloys

1.4569 ; GX2CrNiMnMoNNb21-15-4-3 ; ~ CG-6MMN
1.4585 ; GX7CrNiMoCuNb18-18
1.4531 ; GX2NiCrMoCuN20-18
1.4536 ; GX2NiCrMoCuN25-20
1.4500 ; GX7NiCrMoCuNb25-20 ; CN-7M
1.4584 ; GX2NiCrMoCuN25-20-5 ; ~ J94652 ; ~ CN-3M
1.4538 ; GX1NiCrMoCu25-20-5
1.4416 ; GX2NiCrMoN25-20-5
[1.4539] ; [X1NiCrMoCu25-20-5] ; [N08904]

1.4588 ; GX2NiCrMoCuN25-20-7 ; J93254 ; CN-3MN
[1.4529] ; [X1NiCrMoCuN25-20-6] ; [N08925/26]

1.4559 ; GX7NiCrMoCuNb41-20
1.4557 ; GX2CrNiMoCuN20-18-6 ; J93254 ; CK-3MCuN
[1.4547] ; [X1CrNiMoCuN20-18-7] ; [S 31254]

K572 ; GX7CrNiMo24-12-4
K221 ; GX15CrMnMoN22-16
GX5CrNiMnMoN22-12-5-2 ; J93790 ; CG6MMN
[S20910]

GX5CrNiMnSiN18-8-9-4 ; J92972 ; CF10SMnN
[S21800]

5. Aceros inoxidables especiales con propiedades físicas especiales
Stainless steels with special physical properties

5.1. Aceros inoxidables no magnéticos
Non magnetic stainless steels

1.3940 ; GX2CrNiN18-13
1.3960 ; GX2CrNiMoN18-14-3
[1.3952] ; [X2NiCrMoN18-14-3]

1.3955 ; GX12CrNi18-11
1.3967 ; GX2CrNiMnMoNNb21-16-5-3
[1.3964] ; [X2CrNiMnMoNNb21-16-5-3]
[~1.3976] ; [X2CrNiMnMoNNb23-17-6-3]

5.2. Aceros inoxidables de baja expansión térmica
Stainless steels with low thermal expansion

K3912 ; G-Ni36 ; K93600/01 ; A658

6. Aceros inoxidables resistentes al calor (altas temperaturas)
Heat resistant stainless steels

6.1. Aceros inoxidables ferríticos
Ferritic stainless steels

1.4729 ; GX40CrSi13
1.4740 ; GX40CrSi17
1.4743 ; GX160CrSi18
K4749 ; GX18CrN28
[1.4749] ; [X18CrN28] ; [S44600] ; [AISI 446]

1.4776 ; GX40CrSi28 ; J92613 ; HC30
GX130CrSi29
K744 ; GX40CrSi20

6.2. Aceros inoxidables ferríticos austeníticos
Ferritic Austenitic stainless steels

1.4822 ; GX40CrNi24-5
1.4823 ; GX40CrNiSi27-4 ; J93005 ; HD ; J93015 ; HD 50

6.3. Aceros inoxidables austeníticos
Austenitic stainless steels

1.4825 ; GX25CrNiSi18-9 ; J92603 ; HF
1.4826 ; GX40CrNiSi22-10 ; J92603 / J92803 ; HF / HF30
GX40CrNiSi28-10 ; J 93403
K4828 ; GX15CrNiSi20-12
[1.4828] ; [X15CrNiSi20-12]

1.4832 ; GX25CrNiSi20-14
1.4837 ; GX40CrNiSi25-12 ; J93503 / J93633 / J93513 ; HH / HH-30 / -33
1.4840 ; GX15CrNi25-20 ; J94202 ; CK 20 ; CPK20
[1.4841] ; [X15CrNiSi25-20] ; [S31400] ; [AISI 314]

[1.4845] ; [X12CrNi25-21] ; [S31008] ; [AISI 310S]
1.4848 ; GX40CrNiSi25-20 ; J94224 / J94204 ; HK / HK-40
N8604 ; HL
1.4855 ; GX40CrNiSiNb24-24
1.4859 ; GX10NiCrNb32-20 ; N08151 ; CT15C
[~1.4876] ; [X10NiCrAlTi32-21]

1.4852 ; GX40NiCrSiNb35-26 ; N08705+Nb ; HP+Nb
1.4857 ; GX40NiCrSi35-25 ; N08705 ; HP
1.4865 ; GX40NiCrSi38-19

1.4849; GX40NiCrSiNb38-19; N08008 / N08050 / N08605;HT50/-C
K4893 ; GX8CrNiSi21-11
[1.4893] ; [X8CrNiSi21-11] ; [S30815] ; [253MA]

K825 ; GX15NiCrNb37-25
K832 ; GX40CrNiSiS20-12
K851 ; GX10NiCrNb35-25
K853 ; GX15NiCrNb45-35
K858 ; GX40NiCrWSi35-25-5

Industrial Solutions

Aleaciones Base de Níquel + Base de Cobalto + Aplicaciones especiales
Nickel Base alloys + Cobalt Base alloys + Special applications

1. Aleaciones base níquel
Nickel base alloys

2.4170 ; G-Ni95 ; N 02100 ; CZ-100
[N 02200]

M-35-1 ; G-NiCu30Fe ; N24135 ; M-35-1
[2.4360] ; NiCu30Fe ; [N 04400] ; G-NiCr20Ti

2.4685 ; G-NiMo28 ; N30007 ; N-7M
[2.4617] ; NiMo28 ; [N10665]

2.4882 ; G-NiMo30 ; N30012 ; N-12MV
[2.4810] ; NiMo30 ; [N10001]

~2.4686 ; G-NiMo17Cr ; N26455 ; CW-2M
[2.4610] ; NiMo16Cr16Ti ; [N 06455]

N26022 ; G-NiCr21Mo14W ; N26022 ; CX2MW
[2.4602] ; NiCr21Mo14W ; [N06022]

N26625 ; G-NiCr22Mo9Nb ; N26625 ; CW-6MC
[2.4856] ; NiCr22Mo9Nb ; [N06625] ; Alloy 625

2.4879 ; G-NiCr28W
2.4813 ; G-NiCr50Nb ; R20501 ; 50 Cr-50 Ni-Cb
K6040 ; G-NiCr60 ; R20600 ; 60 Cr-40 Ni
N06040 ; CY-40
[N06600]

N08826 ; CU5MCuC
[N 08825] ; Alloy 825

2. Aleaciones base cobalto
Cobalt base alloys

2.1. Aleaciones resistentes al calor
Heat resistant alloys

2.4778 ; G-CoCr 28
2.4779 ; G-CoCr28Nb

2.2. Aleaciones resistentes al desgaste
Wear resistant alloys

K992 ; G-CoCr30W8 ; R30012
K993 ; G-CoCr30W12
K996 ; G-CoCr27W5 ; R30006
K997 ; G-CoCr27W12C ; R30404

3. Aleaciones para aplicaciones especiales
Alloys for special applications

3.1. Aleaciones para asientos de válvulas
Alloys for valve seat rings

GLP
GL41
GL20 ; GX120CrMo33-2
GL20Ti ; GX120CrMoTi33-2
GL21 ; GX220CrMo33-2
GL51 ; GX220NiCrMoVW40-12-6
K132 ; GX200CrMo13-2 ~ ASTM 532-II-A
K140 ; GX185CrMo14
K731 ; GX40CrSiMo10-2
[1.4731]
K744 ; GX40CrSiS20
K832 ; GX40CrNiSiS20-12
K6040 ; G-NiCr60 ; R20600 ; A 560-93: 60 Cr-40 Ni
K4718 ; GX45CrSi9-3
[1.4718] ; [X45CrSi9-3]

1.2599 ; GX190CrMo12-2

***Observaciones: Las denominaciones entre corchetes [….] o en cursiva son los nombres equivalentes en forja o fundición.**
****Observations: The denominations in square brackets [….] or in italics are the equivalent names in forging or casting***