

Note:

- Parenthesis indicates more than one name for the alloy
- Slash indicates alloys cannot be separated

C and LA Steels

FE / CS
12L14
4130
4140
4340
4820
8620
86L20
9310
C-1/2Mo

Tool Steels

TS-A2
TS-A6
TS-D2/3/4
TS-H11
TS-H12
TS-H13
TS-M1
TS-M2
TS-M3
TS-M4
TS-M34
TS-M35
TS-M36
TS-M42
TS-O1
TS-O6
TS-S1
TS-S5
TS-S7
TS-T1
TS-T4
TS-T5
TS-T15

High Alloy Steels

13-8MoPH	317	Alloy 800	Ferralium
14-4PH	321	Alloy 801	GreekAsc
15-5Mo	329	Alloy 840	HL
15Mn-17Cr	330	Alloy 903	HN
17-4PH	347	Alloy 904	HS556
19-9DL	410/16/20	Alloy	KOVAR
19-9DX	410Cb	907/9	M-152
20Cb3	422	Alnico II	N-155
20Mo4	430/40	Alnico III	Ni-Hard 1
20Mo6	431	Alnico V	Ni-Hard 4
25-4-4	434	AM 350	Ni-resist1
26-1 Ebrite	441	AM 355	Ni-resist2
29-4	446	C-200	Ni-resist3
29-4-2	2003	C-250	Ni-resist4
201	2101	C-300	Ni-resist5
203	2205	C-350	Ni-Span-C
254SMO	2507	CD4MCU	Nitronic32
301	A286	Cronidur3	Nitronic33
302HQ	Aermet100	Custom	Nitronic40
304	AL-6X	450	Nitronic50
309	Alloy 20	Custom	Nitronic60
310	Alloy 42	455	ZeCor
316	Alloy 49	F-255	Zeron 100

Cro-Mo Steels

1.25 Cr (P11)
2.25 CR (P22)
5 CR (P5)
7 CR (P7)
9 CR (P9)
9 CR+V (P91)

Nickel Alloys

Ni-200	Alloy 725	Alloy G-30	Nichrome V	CMSX-6	Refract 26
Alloy 52	Alloy 750	Alloy N	Nimonic 75	HR-160	Rene 41
Alloy 102	Alloy 754	Alloy S	Nimonic 80	IN-100	Rene 77
Alloy 400	Alloy 825	Alloy W	PW 1475	M252	Rene 80
Alloy 401	Alloy 901	D-205	Alloy 617	Mar M 002	Rene 85
Alloy 411	Alloy 925	D 979	Alloy 700	Mar M 200	Rene 95
Alloy 500	Alloy B	GMR-235	Alloy 738	Mar M 246	Rene 125
Alloy 600	Alloy B-2	Haynes 59	Alloy 792	Mar M 247	Rene 142
Alloy 601	Alloy B-3	Haynes 214	Alloy 939	N4M2	Rene 220
Alloy 625	Alloy C-4	Haynes 230	Alloy D	Na Sup22H	SuperTherm
Alloy 686	Alloy C-22	Haynes 242	Alloy R	Nimonic 105	Thetalloy
Alloy 690	Alloy C-276	HW6015	Alloy X	Nimon 105	Udimet 500
Alloy 702	Alloy C2000	Hy Mu 80	B-1900Hf	Nimon 115	Udimet 520
Alloy 706	Alloy F	I-36/NiR-V	C-101	Nimonic 263	Udimet 700
Alloy 713	Alloy G	Invar 39	C 1023	PWA 1480	Udimet 720
Alloy 718	Alloy G-2	Mu Metal	CMSX-2/3	PWA 1484	Waspalloy
Alloy 722	Alloy G-3	Na 22H	CMSX-4	RA 333	

Cobalt Alloys

Co CP	HS-30
Alloy 783	HS31X40/45
Elgiloy	HS-36
F-75	HS-188
FSX-414	Jetalloy
GTD-222GE	Mar M 302
HS-1	Mar M 509
HS-3	Mar M 905
HS-4	MP-159
HS-6B	MP35N
HS-12	Refract 80
HS-19	Star J
HS-21	Ultim1233
HS-23	Vic I
HS-25 (L605)	Vic II
HS-27	WI-52

Copper Alloys

ECu/642ASB	C377ForgBs	C715 (70-30)
C172BeCu	C425SnBs	C745NiAg
C194HiCu	C443AdmBs	C752NiAg
C197HiCu	C464NavBs	C814CrCu
C210Gilding	C482NavBs	836 (85-555)
C220ComBz	C485NavBs	C844RdBs
C230/875Bs	C510PBzA	C857YelBs
C240LoBs	C534PbxB1	C861-3MnBz
C260CartBs	C542Pbz	C864MnBz
C270YelBs	C544PBzB2	C867MnBz
C280Muntz	C623AlBz	C868MnBz
C310PbBs	C630AlBz	C893SnBiBz
C314PbComBz	C655SiBzA	C89835
C330PbBs	C667MnBs	C903SnBz
C332PbBs	C675MnBzA	C922PbSnBz
C340PbBs	C687AlBs	C964CuNi
C342PbBs	C706 (90-10)	NarloyZ
C360FrCuBs	C710 (80-20)	

Titanium Alloys

Ti-CP	Ti6-4
Ti-CP Pd	Ti6-6-2
Ti-8Mn	Ti6-22-22
Ti-12Ni	Ti7-4
Ti-17	Ti-5553
Ti3-2.5	Ti8-1-1
Ti4-2-5	Ti8-8-2-3
2 Apr	Ti10-2-3
Ti5-2.5	Ti13-11-3
Ti6-2-1-1	Ti15-3-3-3
Ti6-2-4-2	Ti-BetaC
Ti6-2-4-6	

Aluminium Alloys

384 /80/19	AA 5056
AA 1100	AA 5083/86
AA 2018	AA 6061
AA 2024	AA 6063
AA 2095	AA 6253
AA 2519	7049/7149
AA 2618	AA 7050
AA 3003	AA 7075
AA 4032	AA 7249
AA 5052	

Pure Metals

Ag
Bi
Cr
Mn
Hf
Pb
Pd
Re
Sb
Se
V
Zn

Exotic Alloys

Cb CP (Nb)	Mo CP	Mal 3950	63Sn 37Pb
Cb 103	W CP	WCarbideC	SAC 300
Cp Zr	70W 30Mo	Ta CP	SAC 305
Zr-2/4	Densalloy	90Ta 10W	SAC 400
Zr 702	Hevimet	97Ta 3W	SAC 405
Zr 704	Mal 1000B	Sn CP	SN100C
Zr 705	Mal 3000	60Sn 40Pb	

Limits of Detection in Environmental type samples

Note:

- Element list is not exhaustive: please contact us for Limits of Detection of elements not shown
- Units = ppm
- Time = 60s per filter
- SRM = Standard Reference Material

Element	SiO ₂ Matrix	SiO ₂ (10% Fe) Matrix	SRM
S	250	600	500
K	75	175	400
Ca	40	75	300
Sc	10	40	60
Ti	30	110	125
V	15	35	40
Cr	25	45	25
Mn	25	75	75
Fe	30	N/a	75
Co	20	250	125
Ni	25	55	40
Cu	15	20	20
Zn	8	13	13
As	5	7	7
Se	3	5	5
Rb	2	5	5
Sr	3	3	8
Zr	4	6	9
Mo	4	7	5
Ag	10	10	15
Cd	7	9	8
Sn	13	20	15
Sb	10	20	15
Ba	45	55	35
Au	7	10	10
Hg	5	8	8
Pb	4	8	8