SAMPLING SERVICES

XRF Reference Library

www.samplingservices.net

The XRF Analyser used by Sampling Services contains a library of over 400 different alloys. The alloys listed below are only a sample of the more commonly used alloys found in the library.
If your alloy is not included in the list below please contact Sampling Services for clarification.

Aluminium alloys	Cobalt alloys	Copper alloys	Low alloy steels	Nickel alloys			Stainless steels		Titanium alloys	Tool steels
1100	Elgiloy	C854	1.25Cr-0.5Mo	Astaralloy	IN 713	NA Sup22H	14-4PH	SS201	CP Ti	TS A-10
2014	F-75	C876	2.25Cr-1Mo	Astraloy	IN 731	Ni 200	15-5PH	SS202	IMI829	TS A-11
2018	FSX-414	C89320	4330+V	B1900	IN 738	Nichrome V	15Mn17Cr	SS205	Ti 3-2.5	TS A-2
2024	Haynes 36	C89510	4335+V	B1914	IN 792	Nimonic 105	17-4PH	SS303*	Ti 4-4-4-0.5	TS A-6
3003	HS Star J	C89520	5Cr-0.5Mo	B1925	IN 939	Nimonic 115	19-9DL	SS304	Ti 5-2.5	TS A-7
3004	Mar-M302	C905	9Cr-1Mo	B1964	Inco 100	Nimonic 75	19-9DX	SS308	Ti 6-2-4-2	TS A-8
4032*	Mar-M509	C923	C-0.5Mo	C1023	Inco 102	Nimonic 80	254SMO	SS309	Ti 6-2-4-6	TS D-2
4043*	MP 35N	C924	C-1020	C130	Inco 800	Nimonic 81	2RE69	SS310	Ti 6-4	TS D-5
4145*	S-816	C925	C-1117	C242	Inco 825	Nimonic 86	3RE60	SS316	Ti 6-6-2	TS D-7
4343*	Stellite 1	C927	C-4118	C263	Incoloy 801	Nimonic 90	654SMO	SS316 Ti	Ti 8-1-1	TS H-11
4643*	Stellite 12	C928	C-4120	D 205	Incoloy 807	Nimonic 91	904L	SS317	Ti Grade 7	TS H-12
5052	Stellite 151	C934	C-4130	D-979	Incoloy 901	Nimonic 942	A286	SS321	Ti-10-2-3	TS H-13
5083	Stellite 188	C938	C-4140	GMR 235	Incoloy 903	Nimonic PK31	AL6X	SS329	Ti-2.5Cu	TS H-14
5086	Stellite 19	C940	C-4150	GTD 111	Incoloy 907/909	Nimonic PK33	Am 355	SS330	Ti-2-11-5-1	TS H-19
6061	Stellite 20	C943	C-4340	GTD 222	Incoloy DS	NI-SPAN C-902	AM350	SS332	Ti-4-4-2	TS L-2
6063	Stellite 21	C944	C-4620	Hast A	Inconel 600	PD16	Carp20	SS334	Ti-6-5-0.5-0.25	TS L-6
6253	Stellite 23	C948	C-4820	Hast B	Inconel 601	PE 10	Carp20Cb3	SS347	Ti-6Al-7Nb	TS M-1
7050	Stellite 25	C949	C-6150	Hast B-2	Inconel 617	PE 11	CD4MCU	SS348		TS M-2
7075	Stellite 3	C962	C-8620	Hast B-3	Inconel 625	PE 16	Crown Max	SS384		TS M-3
	Stellite 30	C963	E52100	Hast C-2000	Inconel 686	PE 7	Cust 450	SS385		TS M-34
	Stellite 31	C964	Iron	Hast C-22	Nickel Alloys	R55	Cust 455	SS410		TS M-36
	Stellite 4	Cast Brs-260	Ni Hard 1	Hast C-276	Inconel 690	Ra 333	Duplex 2205	SS414		TS M-4
	Stellite 6B	Cd Copper-C162	Ni Hard 4	Hast C-4	Inconel 700	Refract 26	Ferralium 255	SS416		TS M-42
	Ultimet 1233	CDA 110		Hast D	Inconel 702	Rene 125	FV535	SS420		TS O-1
	UMCo-50	Cr Copper -C182		Hast F	Inconel 706	Rene 41	Greekasc	SS422		TS O-6
	UMCo-51	Cr Copper -C184		Hast G	Inconel 718	Rene 77	Haynes 556	SS429		TS O-7
	WI-52	Cst Al Brnz-954		Hast G-2	Inconel 722	Rene 80	Inco800H	SS430		TS S-1
	X 45	Cst Al Brnz-955		Hast G-3	Inconel 750	Rene 85	Invar 36	SS431		TS S-5
		Cst Mg Brnz-863		Hast G-30	Inconel 754	Rene 88	Kovar	SS434		TS S-7
		Cst Pb Brnz-922		Hast N	Lang Alloy 4R	Rene 95	Maraging 200	SS436		TS T-1
		Cst Sn Brnz-903		Hast R	Lang Alloy 5R	SRR99	Maraging 250	SS440c		TS T-15
		Fre Cut Brs-360		Hast S	Lang Alloy 7R	Super Therm	Maraging 300	SS442		TS T-4
		Free-Mach Cu-C187		Hast W	M252	Thetalloy	Maraging 350	SS443		TS T-5
		Hi Si Brnz-655		Hast X	MAR M-002	Udimet 500	Nitronic 30	SS444		TS T-8
		Naval Brs-464		Haynes 214	MAR-M200	Udimet 520	Nitronic 40	SS446		
		Naval Brs-482		Haynes 230	Mar-M246	Udimet 700	Nitronic 50	SuperDuplex		
		Naval Brs-485		Haynes 242	Mar-M247	Udimet 710	Nitronic 60	2507		
		Pb Brs-314		Haynes 59	Monel 400	Udimet 720	Ph 13-8MO			
		Pb Red Brs-836		Illium G	Monel 411	Waspaloy	Rex 448			
		Pb Ylow Brs-857		Illium R	Monel 500					
		Pb-Sn Brnz-932		IN 162	MP 35N					
		Pb-Sn Brnz-937		IN 657	NA 22H					
		Phos Brnz-510								
		Phos Brnz-544								

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