CATALOGUE CRM

METAL SOLID NICKEL

2022

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CRM **ISO 17025 NICKEL**

wrought analysis listed in mass % except * which is mg/kg BS 200A: 38 mm Ø x 7 or 19 mm others: 38 mm Ø x 15 mm

SYLAB Ref	Al	As	B	Bi*	C	Ca	Co	Cr	Cu	Fe	Mg	Mn	Mo	N	Nb	Ni
BS 200-1	0.0048	0.0010	0.0033	.	0.0413	0.00024	0.089	0.0011	0.0077	0.046	0.0307	0.111	0.0004	(0.0002)	0.0004	99.60
BS 200A	0.0281	0.0015	0.0044	.	0.078	0.0003	0.0564	0.0006	0.0038	0.074	0.0131	0.151	0.0004	0.0004	0.0004	99.54
BS 200-3	0.0068	0.0015	0.0037	(0.2)	0.0145	0.0003	0.103	0.0091	0.108	0.138	0.0240	0.157	0.0004	(0.0002)	0.0004	99.4
BS 200-2	0.0041	0.0012	0.0031	.	0.050	0.0004	0.104	0.0094	0.053	0.115	0.0368	0.244	0.0005	0.0003	0.0009	99.31
BS 200-4	0.0057	0.0014	0.0037	.	0.107	0.00028	0.0911	0.132	0.0482	0.297	0.0312	0.310	0.0013	0.00031	0.0010	98.9

SYLAB Ref	O	P	Pb	S	Sb*	Si	Sn	Ta	Te*	Ti	V	W	Zn*	Zr	
BS 200-1	0.0015	0.0009	0.0010	0.0011	(0.2)	0.037	(0.0001)	(0.0004)	.	0.0209	0.0008	0.00016	.	(0.0002)	
BS 200A	0.0013	0.0007	(0.00005)	0.0037	(0.2)	0.0051	(0.0001)	(0.0003)	.	0.0427	0.0006	0.0005	.	(0.0004)	last
BS 200-3	0.0026	0.0015	0.0008	0.0032	(0.4)	0.0110	0.0003	(0.0001)	(0.4)	0.0235	0.0009	(0.0004)	(2)	(0.0003)	
BS 200-2	0.0025	0.0020	0.0006	0.0068	(0.4)	0.060	(0.0002)	(0.0002)	.	0.0197	0.0014	(0.0003)	.	(0.0003)	
BS 200-4	0.0015	0.0023	0.00087	0.0076	0.4	0.101	0.0020	0.0003	.	0.0191	0.0024	0.00095	.	(0.0004)	

CRM **Co/Cr NICKEL ALLOY TYPE IN 100**

wrought analysis listed in mass %

SYLAB Ref	Co	Cr	Al	Mo	Ti	V	B	C	Zr	Units
SS 346A	(15)	(10)	(5.5)	(3)	(5)	(1)	.	(0.15)	.	38 mm Ø x 13 mm
SS 345	14.70	9.93	5.58	3.01	(5)	1.00	0.019	0.153	0.044	35 mm Ø x 13 mm

continued analysis listed in mg/kg

SYLAB Ref	Ag	As	Bi	Ca	Cd	Ga	In	Mg	Pb	Sb	Se	Sn	Te	Tl	Zn
SS 346A	42	51	10	(20)	0.4	(50)	(20)	130	22	45	6	93	9	(2)	29
SS 345	<0.2	(2)	<0.2	(<5)	<0.1	8	.	5	0.2	<2	<0.5	6	<0.2	<0.2	<0.5

Co/Cr and Cr/Co NICKEL ALLOYS

= class, where 1 = CRM and 2 = RM * Provisional Analysis

#	SYLAB Ref	Cr	Co	Al	Fe	Mo	Ta	Ti	W	C	Cu	Mn	P	S	Si	V
2	BS 617	22.44	12.42	1.20	1.76	9.64	.	0.28	0.06	0.079	0.062	0.057	0.007	<0.001	0.14	0.022

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#	SYLAB Ref	Cr	Co	Al	Fe	Mo	Ta	Ti	W	C	Cu	Mn	P	S	Si	V
2	27X 14184F	21.8	10.5	0.02	0.40	10.7	.	0.02	.	.	0.09	0.40	.	.	0.41	.
2	27X 14188D	21.17	10.4	<0.01	0.44	10.3	.	0.03	.	.	(0.003)	0.30	.	.	0.33	.
1	SRM 1775	20.472	33.352	(0.024)	0.91	9.508	.	0.730	(0.02)	(0.0051)	(0.0046)	0.0121	(0.0006)	0.0013	(0.02)	0.0095
2	27X 14387E	20.2	10.0	<0.005	1.11	10.8	.	<0.005	.	.	<0.005	0.27	.	.	0.28	.
2	22X 904C	19.9	16.9	1.29	0.25	0.21	.	2.26	.	0.08	0.10	0.50	.	.	0.52	.
1	24X 07001C	19.62	13.20	1.476	1.023	4.31	.	3.14	0.041	0.0360	0.0118	0.024	0.0023	0.0005	0.042	0.041
1	BS 199B	19.46	12.41	1.37	1.17	3.87	(0.001)	3.00	0.048	0.041	0.015	0.0240	0.0031	0.0005	0.034	0.071
1	SRM 1243	19.05	12.39	1.23	0.776	4.226	(0.0003)	3.054	0.0139	0.024	(0.0063)	0.00730	0.00317	0.00217	0.0192	0.1043

note: IMZ samples are “slice of pie” shaped 1/4 sections of large cylinders

SYLAB Ref	B	Hf	Mg	N	Nb	Ni	O	Pb	Sn	Zr	Units	
BS 617	0.0020	.	(0.02)	0.0070	0.123	(51.6)	.	0.0001	.	.	1/4 of 100 mm Ø x ~15 mm	last of stock
27X 14184F	.	.	.	.	.	.	.	.	.	.	40 mm Ø x 15 mm	
BS 617A *	0.004	.	<0.005	0.004	0.03	[53.5]	<0.005	<0.005	<0.005	0.02	38 mm Ø x ~7 or 19+ mm	As: 0.002
27X 14188D	.	.	.	.	.	.	.	.	.	.	40 mm Ø x 15 mm	
SRM 1775	0.0097	.	.	(0.002)	(0.03)	34.911	.	.	.	.	35 mm Ø x 12 mm	
27X 14387E	.	.	.	.	.	.	.	.	.	.	40 mm Ø x 15 mm	
22X 904C	.	.	0.005	.	.	.	.	.	.	.	40 mm Ø x 15 mm	
24X 07001C	0.0062	.	.	.	0.050	56.92	.	.	.	0.060	~32 mm Ø x ~20 mm	
BS 199B	0.0053	.	0.0032	0.0038	0.069	58.4	0.0006	.	0.0006	0.045	38 mm Ø x ~7 or 19+ mm	17025
SRM 1243	0.00494	.	.	.	0.0286	58.782	.	.	.	0.053	34 mm Ø x 19 mm	

Cr/Al NICKEL ALLOY

= class, where 1 = CRM and 2 = RM IMZ: 1/4 section of 90 mm Ø x 20 mm HRT: 27 mm Ø x 20 mm SS: 50 mm Ø x 13 mm

#	SYLAB Ref	Cr	Al	Co	Fe	Mo	Nb	Si	Ti	B	C	Mn	N	Ni	P	S	Zr
2	HRT NI2017	19.34	1.43	0.018	0.59	.	0.34	0.17	2.66	0.0036	0.047	0.39	0.0091	74.93	0.003	0.002	.
1	SS 350	13.43	5.97	0.338	1.50	4.29	2.17	0.110	0.87	0.013	0.138	0.019	.	70.8	W:0.094	.	0.072

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Cr/Fe NICKEL ALLOY

= class, where 1 = CRM and 2 = RM

underlined BS samples are ISO 17025 Accredited

#	SYLAB Ref	Cr	Fe	Ni	Al	C	Co	Cu	Mn	Mo	Nb	P	S	Si	Ti	V	W
2	HRT Ni2021	25.0	9.79	62.0	2.24	0.179	0.0242	0.0079	0.082	(0.01)	0.0124	0.0056	(0.0009)	0.142	0.151	0.0312	(0.0434)
1	SRM 1247	23.4	26.5	43.5	0.060	0.021	0.089	1.75	0.38	2.73	(0.46)	0.018	0.002	0.32	0.75	(0.048)	(0.005)
1	BS 825F	23.2	30.7	38.9	0.081	0.012	0.064	1.78	0.521	3.19	(0.02)	0.018	(0.005)	0.59	0.91	0.086	0.015
2	HRT NI2013	22.03	31.86	38.65	0.10	(0.018)	.	1.92	0.72	3.15	.	(0.013)	(0.004)	0.30	1.00	.	.
1	219X 08825A	21.94	31.82	39.12	0.149	0.016	0.0646	1.87	0.499	3.01	(0.007)	0.0189	(0.0007)	0.232	1.192	0.038	.
1	BS 825E	21.87	31.45	39.92	0.080	0.010	0.26	1.72	0.51	2.74	0.19	0.015	0.0010	0.24	0.82	0.049	0.166
1	BS 800B	21.14	42.6	33.5	0.362	0.076	0.068	0.247	0.88	0.121	(0.023)	(0.014)	(0.005)	0.37	0.56	0.056	0.027
1	BS 800A	21.09	42.7	33.3	0.362	0.075	0.069	0.244	0.883	0.117	0.021	0.013	(0.0007)	0.361	0.526	0.058	(0.030)
2	BS 925	20.82	26.92	43.53	0.17	0.011	0.34	1.74	0.50	3.00	0.23	0.016	0.0020	0.11	2.20	0.03	0.47
1	BS 189A	20.4	[48.1]	23.8	0.0129	0.0147	0.100	0.184	0.639	6.04	(0.13)	0.019	(0.001)	0.30	0.0065	0.054	0.037
1	SRM 1246	20.1	46.2	30.8	0.30	0.082	0.076	0.49	0.91	0.36	(0.09)	0.018	0.001	0.18	0.32	(0.040)	(<0.004)
1	BS 187D	19.91	[39.6]	32.3	0.0164	0.0337	0.089	3.52	0.938	2.17	0.621	0.0155	0.0021	0.669	0.0027	0.073	0.086
1	BS 925A	19.9	26.8	44.9	0.20	(0.010)	0.23	1.96	0.137	3.11	0.291	(0.007)	0.0010	(0.07)	2.23	(0.037)	0.039
1	BS 187B	19.8	39.2	33.8	0.0033	0.013	0.191	3.13	0.77	2.07	0.335	0.021	0.0021	0.63	0.0028	0.086	0.047
1	23X 08811A	19.72	45.81	31.31	0.453	0.068	0.082	0.247	1.009	0.242	0.009	0.0212	(0.0004)	0.263	0.54	0.060	0.027
2	HRT NI2018	18.64	18.49	52.93	0.57	0.017	(0.018)	0.04	0.06	2.93	5.03	(0.004)	(0.003)	0.12	1.00	.	.
1	SS 387/1	11.35	38.4	41.2	0.24	0.033	0.020	0.0076	0.025	5.83	.	0.0033	0.0028	0.06	3.00	.	.

SYLAB Ref	As	B	Ca	Ga	Mg	N	O	Pb	Sb	Sn	Ta	Zr	Type	Units mmØ x mmH
HRT Ni2021	.	0.0036	.	.	.	0.0171	.	.	Y:(0.069)	.	(0.0086)	0.0682	6025HT	35 x 20
BS 825F	(0.0008)	(0.004)	0.0023	(0.001)	.	0.0013	0.0085	0.0009	.	(0.0036)	.	(0.002)	825	38 x ~7 or 19+
HRT NI2013	.	.	.	.	.	.	.	.	.	.	.	.	825	30 x 20
219X 08825A	.	0.0028	.	.	(0.003)	.	.	.	.	.	.	0.0021	825	~40 x ~15
BS 825E	.	0.0025	(0.0004)	.	.	0.0105	(0.004)	.	.	.	.	last	825	38 x ~7 or ~13
BS 800B	0.0025	0.0022	(0.010)	.	0.0027	0.0129	(0.0012)	<0.001	0.0006	0.0042	.	0.0009	800	38 x ~7 or 19+
BS 800A	(0.002)	0.0018	(0.000006)	.	0.0022	0.0126	0.0014	(0.001)	(0.0005)	0.0041	(0.005)	(0.002)	800	38 x ~7 or 19+
BS 925	.	0.002	.	.	.	0.0042	(0.0075)	.	.	(0.002)	.	last	925	38 x ~7 to 19
BS 189A	0.0039	(0.0002)	(0.0004)	.	.	0.198	0.0024	.	.	0.0035	.	(0.001)	AL6XN	38 x ~7 or 19+

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SYLAB Ref	As	B	Ca	Ga	Mg	N	O	Pb	Sb	Sn	Ta	Zr	Type	Units mmØ x mmH
SRM 1246	(0.004)	(<0.0001)	(0.004)	<0.001	.	.	(0.018)	(0.003)	.	.	(<0.001)	.	800	35 x 19
BS 187D	(0.0035)	0.0026	0.0063	last	(0.0009)	0.046	0.0026	0.0019	(0.0011)	0.0085	0.0008	(0.0012)	20	38 x ~7 to 19
BS 925A	(0.0002)	0.0015	0.0022	(0.0008)	.	(0.0005)	0.0039	0.0008	(0.0003)	(0.0022)	(0.0014)	(0.002)	925	38 x ~7 or 19+
BS 187B	(0.0041)	0.0013	(0.0003)	.	<0.002	0.0185	0.0019	0.0005	0.0009	0.0042	0.0008	0.0015	20	38 x ~7 or 19+
23X 08811A	.	0.0038	.	.	0.0044	0.0096	.	.	.	0.0054	.	.	Incoloy	~40 x ~15
HRT NI2018	.	0.0034	.	.	.	0.0098	.	.	.	.	.	.		31 x 20
SS 387/1	.	0.017	.	.	.	.	.	.	.	.	.	.	901	41 x 13

Need a larger size? Most BS items are available in any height.

RM Cr/Fe TYPE 'RA 333' NICKEL ALLOYS

SYLAB Ref	Cr	Fe	Al	Co	Cu	Mn	Mo	Nb	Si	W	Ni
BS 197B	25.73	16.24	0.11	3.22	0.030	1.58	3.27	(0.02)	0.92	2.91	45.6
BS 197A	25.11	18.07	0.18	3.06	0.12	1.56	2.99	0.20	0.96	2.79	44.44

SYLAB Ref	B	C	Mg	N	P	Pb	S	Sn	Ti	V	Units
BS 197B	0.0018	0.049	0.013	(0.049)	0.011	.	0.0008	(0.002)	0.091	0.053	wrought 38 mm Ø x ~7 or 19+ mm
BS 197A	0.0019	0.050	.	(0.052)	0.021	(0.0002)	<0.001	.	0.017	0.051	wrought 38 mm Ø x ~7 or 19+ mm

Cr/Fe NICKEL ALLOY TYPE 600, 601, 602, and 690

= class, where 1 = CRM and 2= RM

#	SYLAB Ref	Cr	Fe	Al	B	C	Co	Cu	Mg	Mn	Mo	N	Nb	Ni	Si	Ti	V
1	BS 690B	29.6	9.81	0.166	(0.0004)	0.026	(0.003)	(0.007)	(0.0006)	0.103	(0.0005)	0.025	(0.003)	59.7	0.20	0.218	(0.008)
1	BS 690A	29.5	9.08	0.209	0.0003	0.0321	0.0056	0.0072	0.0058	0.214	0.0025	0.0069	0.0039	60.5	0.036	0.340	0.0095
2	28X 6005E	16.93	6.98	0.06	.	.	0.62	0.39	0.002	0.39	.	.	.	.	0.60	0.28	.
2	28X 6001G	16.38	6.33	0.02	.	.	1.02	0.83	0.01	0.12	.	.	.	.	0.95	0.58	.
2	BS 600-2	16.36	6.80	0.16	0.0098	0.071	0.10	0.089	0.012	0.31	0.007	0.030	(0.02)	75.34	0.23	0.37	0.028
2	28X 6002F	16.23	8.24	0.18	.	.	0.22	0.02	0.004	0.65	.	.	.	.	0.25	0.12	.
2	28X 6004E	16.21	7.17	0.05	.	.	0.77	0.42	0.008	0.38	.	.	.	.	0.65	0.27	.

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#	SYLAB Ref	Cr	Fe	Al	B	C	Co	Cu	Mg	Mn	Mo	N	Nb	Ni	Si	Ti	V
2	HRT NI2007	16.07	7.98	0.26	0.0030	0.012	.	0.02	0.63	0.03	.	.	.	74.21	0.32	0.35	.
1	SRM 1244	15.7	9.6	0.26	<0.005	0.062	0.058	0.26	.	0.29	0.20	.	.	73.2	0.12	0.25	.
2	BS 600-5	15.59	8.36	0.19	0.0018	0.047	0.029	0.10	0.004	0.21	0.049	0.011	(0.03)	74.83	0.26	0.23	0.054
2	28X 6003E	15.56	7.1	0.025	.	.	0.62	0.42	0.01	0.47	.	.	.	.	0.74	0.22	.
2	BS 600-6	14.86	7.33	0.288	0.0028	0.083	0.066	0.24	0.022	0.21	0.12	0.0078	0.14	76.0	0.31	0.24	0.023
2	BS 600-3	14.77	8.88	0.09	0.0082	0.020	0.10	0.24	0.012	0.28	0.007	0.0081	(0.02)	75.05	0.19	0.20	0.020
2	BS 600-4	14.72	8.40	0.06	0.0060	0.034	0.09	0.08	0.020	0.20	(0.002)	0.021	(0.015)	75.88	0.22	0.20	0.023

SYLAB Ref	As	Ca	O	P	Pb	S	Sb	Sn	Ta	W	Zr	Units	
BS 690B	(0.0004)	(0.0005)	0.0024	(0.003)	.	0.0005	.	(0.0006)	.	(0.002)	(0.002)	51 mm Ø x ~7 or 19+ mm	17025
BS 690A	(0.0004)	0.0009	0.0009	0.0052	(0.0001)	0.0004	(0.0002)	(0.0003)	(0.0011)	0.0011	0.0018	38 mm Ø x ~7 or 19+ mm	17025
28X 6005E	.	.	.	.	.	.	.	.	.	.	.	40 mm Ø x 15 mm	
28X 6001G	.	.	.	.	.	.	.	.	.	.	.	40 mm Ø x 15 mm	
BS 600-2	.	.	.	0.006	.	0.004	.	.	.	.	.	38 mm Ø x ~12 or 20 mm	
28X 6002F	.	.	.	.	.	.	.	.	.	.	.	40 mm Ø x 15 mm	
28X 6004E	.	.	.	.	.	.	.	.	.	.	.	40 mm Ø x 15 mm	
HRT NI2007	.	.	.	0.008	.	(0.002)	.	.	.	.	.	40 mm Ø x 20 mm	
SRM 1244	.	.	.	0.010	.	0.003	.	.	.	.	.	35 mm Ø x 19 mm	
BS 600-5	.	.	0.002	0.005	.	<0.002	.	.	.	.	.	38 mm Ø x ~7 or 19+ mm	
28X 6003E	.	.	.	.	.	.	.	.	.	.	.	40 mm Ø x 15 mm	
BS 600-6	.	.	.	0.007	.	0.001	.	.	.	.	.	38 mm Ø x ~7 or 19+ mm	
BS 600-3	.	.	.	0.008	.	0.005	.	.	.	.	.	38 mm Ø x 20 mm	
BS 600-4	.	.	.	0.007	.	0.004	.	.	.	.	.	38 mm Ø x 20 mm	

Need a larger size? Most BS items are available in any height.

Cr/Fe NICKEL ALLOY TYPE 718

= class, where 1 = CRM and 2 = RM

#	SYLAB Ref	Cr	Fe	Nb	Mo	Ti	Al	B	C	Co	Cu	Mn	P	S	Si	Ni
1	SS 351/1	19.14	17.20	5.31	3.04	0.938	0.554	0.0035	0.0255	0.145	0.0222	0.0562	0.0045	0.00037	0.080	53.35

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#	SYLAB Ref	Cr	Fe	Nb	Mo	Ti	Al	B	C	Co	Cu	Mn	P	S	Si	Ni
1	NCS HS41746	18.56	18.54	5.15	3.28	1.03	0.635	0.0025	0.027	0.111	0.023	0.057	0.0033	0.0005	0.080	52.27
1	SRM 1249	18.472	17.693	5.196	3.112	0.959	0.5682	(0.0023)	(0.0380)	0.3371	0.1402	(0.108)	(0.0134)	(0.00064)	(0.120)	53.29
1	BS 718D	18.32	18.51	5.16	3.00	0.93	0.631	0.0041	0.037	0.368	0.071	0.100	0.0083	0.0004	0.072	52.5
1	SS 351	18.12	18.26	5.20	3.06	1.06	0.55	0.0051	0.025	0.136	0.016	0.037	(0.006)	0.0006	0.14	53.1

SYLAB Ref	As	Mg	N	O	Pb	Sn	Ta	V	W	Zr	Units	
SS 351/1	.	0.0016	0.0077	.	Sb:0.00024	0.00033	0.0033	0.0181	0.0209	0.0017	wrought 41 mm Ø x 13 mm	
NCS HS41746	.	.	.	.	.	.	(0.008)	.	.	.	40 mm Ø x 30 mm	
SRM 1249	.	(0.0012)	(0.007)	.	(0.00001)	(0.0024)	(0.0027)	(0.0338)	(0.0846)	(0.0029)	41 mm Ø x 19 mm	
BS 718D	0.0011	0.0038	0.0084	0.0015	(0.00006)	0.0020	(0.0022)	0.038	0.049	(0.002)	wrought 38 mm Ø x ~7 or 19+ mm	17025
SS 351	.	.	.	.	.	.	.	.	.	.	wrought 41 mm Ø x 13 mm	

Need a larger size? Most BS items are available in any height.

Cr/Fe NICKEL ALLOY TYPE 750

= class, where 1 = CRM, 2 = RM, and 3 = RM with no uncertainties sale price

#	SYLAB Ref	Cr	Fe	Ti	Al	C	Co	Cu	Mn	Mo	Nb	Ni	P	S	Si	Ta	
1	BS 750C	15.92	8.36	2.61	0.91	0.041	0.036	0.012	0.056	0.070	0.83	71.0	0.0059	(0.0004)	0.071	(0.006)	17025
3	BS 750A	15.68	.	2.60	0.74	0.047	0.29	0.04	0.09	0.22	1.07	71.9	(0.005)	0.0007	0.10	0.046	
1	BS 750D	15.50	8.42	2.53	0.70	0.039	(0.023)	(0.026)	0.188	0.026	0.89	71.3	(0.005)	0.0005	0.188	(0.007)	17025
3	HT 8211X	15.48	6.81	2.33	0.68	0.052	0.10	0.090	0.53	.	0.45	.	.	0.004	0.36	0.22	
3	HT 8209X	15.38	7.01	2.74	0.88	0.044	0.15	0.051	0.67	.	0.52	.	.	0.003	0.31	0.23	

SYLAB Ref	As	B	Ca	Mg	N	O	Pb	Sb	Sn	V	W	Zr	Units
BS 750C	(0.0009)	0.0028	(0.0006)	0.0022	0.0031	(0.0014)	(0.0001)	(0.00007)	0.0012	0.132	(0.0028)	0.022	38 mm Ø x ~7 or 19+ mm wrought
BS 750A	.	.	.	.	.	.	.	.	.	.	.	.	38 mm Ø x ~7 or 19+ mm wrought
BS 750D	0.0006	0.0024	.	0.0051	0.0041	0.0019	.	.	0.0008	(0.028)	(0.005)	0.014	38 mm Ø x ~7 or 19+ mm wrought
HT 8211X	.	.	.	.	.	.	.	.	.	.	.	.	25 mm Ø x 50 mm wrought
HT 8209X	.	.	.	.	.	.	.	.	.	.	.	.	25 mm Ø x 50 mm wrought

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Cr/Mo NICKEL ALLOY AND TYPES 625, 725, and 6255

= class, where 1 = CRM and 2 = RM

* Provisional Analysis

#	SYLAB Ref	Cr	Mo	Fe	Nb	Si	Ti	W	Al	B	C	Co	Cu	Mn	P	S	Ni
1	BS 6255	24.6	6.8	16.0	0.094	(0.27)	0.35	(0.03)	(0.082)	0.0026	(0.0124)	(0.075)	0.75	0.17	0.0125	0.0005	50.5
1	BS 625E	22.44	8.77	3.81	3.56	0.065	0.27	0.016	0.214	0.0022	0.049	0.031	0.024	0.050	0.004	0.0005	60.7
1	BS H6B	22.3	14.05	3.45	(0.1)	(0.035)	0.050	3.20	0.23	0.0016	(0.008)	0.079	0.035	0.226	0.0054	0.0005	55.9
2	HRT NI2009	22.26	9.01	4.12	3.52	0.057	0.35	.	0.20	0.0033	0.033	.	.	(0.023)	(0.003)	(0.002)	60.40
1	BS 625F	21.89	9.11	3.76	3.53	0.106	0.27	0.034	0.147	0.0031	0.0215	0.042	0.150	0.094	0.0069	(0.0004)	60.72
1	ECRM 377-2	21.72	8.94	3.77	3.50	0.077	0.264	.	0.232	(0.0006)	0.0202	0.0348	0.0104	0.0225	0.0036	0.0006	61.45
1	ECRM 377-1	21.72	8.94	3.77	3.50	0.077	0.255	.	0.216	(0.0006)	0.0202	0.0348	0.0110	0.0225	0.0036	0.0006	61.45
1	28X 6256A	21.29	8.81	(0.034)	3.75	0.041	0.266	.	0.301	.	0.0173	.	0.018	(0.0004)	0.0033	(0.0016)	65.4
1	IARM 274A	21.0	8.06	7.60	3.48	(0.02)	1.55	0.06	0.26	0.002	0.007	0.143	0.10	0.08	0.007	0.0004	57.5
2	BS 725	20.72	7.97	8.0	3.52	0.02	1.52	.	0.13	(0.002)	0.010	0.02	0.014	0.08	0.004	0.002	58.0
1	NCS HS41745	20.69	8.37	3.50	3.19	0.071	0.011	.	0.016	.	0.043	(0.011)	.	0.124	0.0023	0.0006	63.72
2	26X 11384E	20.5	10.2	0.98	.	0.15	2.6	.	0.50	.	.	0.30	0.12	0.13	.	.	.
1	28X 6251M	20.22	9.60	4.22	2.64	0.251	0.0096	.	0.006	0.0040	0.0026	0.0080	0.0570	0.0694	0.002	0.0012	62.93
1	28X 6255M	19.65	8.32	2.03	4.09	0.448	0.346	.	0.334	0.0101	0.0342	0.164	0.0647	0.2034	0.0105	0.0080	64.16
1	IARM Ni282-18	19.4	8.40	0.90	0.058	0.054	2.20	(0.043)	1.57	0.0014	0.060	10.38	0.012	0.042	(0.003)	(0.0006)	56.8
2	HRT NI2004	15.72	14.89	0.41	0.022	0.019	0.391	0.011	0.097	.	0.005	0.011	0.010	0.27	0.004	0.002	68.05
1	IARM NiS-18	15.62	15.4	0.81	.	0.49	(0.0023)	0.36	0.388	0.0061	0.012	0.416	.	0.65	0.006	(<0.001)	65.6

SYLAB Ref	As	Ca	Mg	N	O	Pb	Sb	Sn	Ta	V	Zr		Units	
BS 6255	(0.004)	(0.001)	(0.001)	0.014	0.0015	(0.0002)	(0.0003)	0.0010	(0.003)	(0.034)	(0.002)	wrought	63 mm Ø x ~7 or 19+ mm	17025
BS 625E	(0.003)	(0.0006)	0.0021	0.0074	0.0015	(0.00005)	(0.0001)	(0.0006)	(0.0036)	0.020	(0.003)	wrought	38 mm Ø x ~10 to 19 mm	17025
BS H6B	(0.0015)	.	0.0010	0.0118	0.0007	.	(0.006)	(0.0007)	.	0.0063	.	wrought	38 mm Ø x ~7 or 19+ mm	17025
HRT NI2009	.	.	.	.	.	.	.	.	.	.	.		35 mm Ø x 20	
BS 625F	0.0011	H:4ppm	0.0071	(0.018)	<0.01	<0.001	<0.001	0.0008	<0.01	0.014	<0.02	wrought	38 mm Ø x ~7 or 19+ mm	17025
ECRM 377-2	.	.	.	.	.	.	.	.	.	.	.	wrought	40 mm Ø x 20 mm	
ECRM 377-1	.	.	.	.	.	.	.	.	.	.	.	wrought	40 mm Ø x 20 mm	
28X 6256A	.	.	.	0.007	.	.	.	.	.	.	.	HIP	40 mm Ø x 13 mm	
BS 725	.	.	.	0.0051	.	.	.	.	.	.	.	wrought	38 mm Ø x ~7 or 19+ mm	

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SYLAB Ref	As	Ca	Mg	N	O	Pb	Sb	Sn	Ta	V	Zr		Units	
NCS HS41745	.	.	.	.	.	.	.	.	(0.001)	.	.		40 mm Ø x 30 mm	
26X 11384E	.	.	.	.	.	.	.	.	.	.	.	cast	40 mm Ø x 15 mm	
28X 6251M	.	.	.	.	.	.	.	.	0.0112	.	.	c.cast	~40 mm Ø x ~15 mm	
28X 6255M	.	.	.	.	.	0.0005	.	0.0012	0.093	.	.	c.cast	~40 mm Ø x ~15 mm	
HRT NI2004	.	.	.	.	.	.	.	.	0.010	0.012	.		35 mm Ø x 20 mm	last

Need a larger size? Most BS items are available in any height.

VARIOUS INCOLOY ALLOYS

= class, where 1 = CRM, 2 = RM, and 3 = RM with no uncertainties and also sale price for type # 3

#	SYLAB Ref	Cr	Fe	Mn	Si	Ti	Al	B	C	Co	Cu	Mo	Nb	P	S	Ni	Notes	Units
2	23X DS5E	8.64	Rem	1.04	1.98	0.17	0.083	.	0.080	0.50	0.30	0.30	.	.	.	36.6	cast	40 mm Ø x 15 mm

RM Cr/Mo/Nb/W TYPE

cast last of stock ~40 mm Ø x ~15 mm

SYLAB Ref	Co	Cr	Cu	Fe	Mn	Mo	Nb	Si	W
25X 10221F	0.26	20.0	0.11	0.62	0.28	6.57	7.43	0.45	2.23

CRM Cr/W TYPE 'HAYNES 230'

analysis listed in mass % * Provisional Analysis

SYLAB Ref	Cr	W	Mo	Fe	Mn	Si	Ni	Al	B	C	Co	Cu	Mg	N	Nb	P	V
BS H230	22.35	14.45	1.69	1.376	0.470	0.39	58.4	0.29	0.0044	0.096	0.24	0.030	0.004	0.061	0.053	0.0042	0.0056
BS H230A	22.2	13.9	1.29	1.02	0.50	0.42	57.9	0.45	0.0027	0.092	2.02	<0.02	0.0022	0.043	<0.02	0.0049	(0.0029)

SYLAB Ref	As	Ca	La	O	Pb	S	Sb	Sn	Ta	Ti	Zr	Units	
BS H230	0.0007	(0.00003)	.	0.0009	(0.00003)	(0.0003)	(0.00007)	(0.0003)	(<0.1)	(0.01)	(0.002)	38 mm Ø x ~7 or 19+ mm	
BS H230A	<0.002	.	(0.012)	(0.0004)	(0.00004)	<0.0009	.	<0.003	<0.03	(0.007)	<0.005	38 mm Ø x ~7 or 19+ mm	17025

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CRM **Cr/Fe/Mn/Nb ALLOY**

analysis listed in mass %

~40 mm Ø x ~15 mm

SYLAB Ref	C	Co	Cr	Cu	Fe	Mn	Mo	Nb	Ni	P	S	Si	Ta	Ti
219X 20004A	0.224	(0.104)	13.63	0.319	9.46	14.05	0.104	1.53	59.1	0.0147	0.0028	0.916	0.077	0.52

'MONEL' TYPE COPPER-NICKEL ALLOY

= class, where 1 = CRM and 2 = RM

#	SYLAB Ref	Cu	Al	Fe	Mn	Si	Ti	C	Co	Cr	Mg	Mo	Nb	P	Pb	S	Ni	
1	BS 400D	33.0	0.0231	2.00	0.993	0.146	0.064	0.130	0.032	0.0057	0.0217	0.0024	(0.0001)	(0.0010)	0.0004	0.0006	63.4	17025
1	212X 04400A	32.47	0.030	2.065	1.027	0.253	0.0193	0.157	0.0432	0.166	0.053	0.0307	.	0.0033	.	(0.002)	63.69	
1	BS 405A	32.1	(0.002)	1.51	1.90	(0.15)	0.0021	0.051	0.019	0.0099	(0.17)	0.0031	0.0004	0.0037	0.0004	0.041	63.8	17025
1	SS 363/1	31.90	0.027	1.86	1.26	0.028	(0.03)	0.140	0.032	(0.05)	.	.	.	.	.	(0.002)	Rem	
2	BS 405	31.80	0.10	1.34	1.03	0.04	0.003	0.13	0.025	0.006	0.026	(0.002)	(0.002)	0.010	.	0.041	65.49	
2	BS 400-3	31.25	0.001	1.60	0.85	0.063	0.004	0.153	0.46	0.21	0.012	0.003	(0.0004)	0.026	(0.0015)	0.006	65.4	
2	BS 400-1	30.97	0.004	1.27	1.07	0.16	0.007	0.109	0.37	0.033	0.048	0.001	0.0003	0.022	0.0020	0.008	66.0	
2	HRT NI2001	30.84	(0.006)	0.783	0.776	(0.017)	.	(0.011)	0.016	0.052	.	.	.	(0.005)	.	(0.001)	67.97	
2	BS 400-2	30.75	0.006	1.42	1.17	0.17	0.011	0.170	0.46	0.091	0.033	0.0012	0.0004	0.027	(0.001)	0.008	65.9	
1	212X 05500A	29.91	3.00	1.162	0.634	0.167	0.632	0.135	(0.0090)	0.073	0.0098	.	.	0.0031	.	0.0010	64.3	
1	BS 500E	29.9	2.94	0.722	0.605	0.148	0.607	0.134	0.017	0.0174	0.0058	0.0044	(0.002)	0.0022	(0.0008)	0.0006	64.7	17025
1	SRM C1248	29.80	0.009	2.10	0.31	1.61	.	0.266	.	0.095	.	0.006	.	0.002	0.00038	0.0008	65.75	
2	HRT NI2019	29.41	2.97	0.99	0.62	0.15	0.63	0.139	.	0.01	.	(0.02)	.	(0.001)	.	(0.001)	65.19	

SYLAB Ref	As	B	Bi	Ca	Cd	N	O	Sb	Sn	V	Zn	Zr		Units
BS 400D	(0.0001)	0.0009	.	(0.001)	Ta:(0.009)	(0.00017)	0.0008	(0.0001)	(0.00012)	(0.0002)	(0.0004)	(0.0003)	wrought	38 mm Ø x ~7 or 19+ mm
212X 04400A	.	0.0019	.	.	.	0.0005	.	.	.	.	.	.	wrought	~40 mm Ø x ~15 mm
BS 405A	0.0004	0.0007	.	(0.00006)	.	(0.001)	0.0007	W: 0.0017	0.0004	(0.002)	0.0017	0.012	wrought	38 mm Ø x ~7 or 19+ mm
SS 363/1	.	.	.	.	.	.	.	.	.	.	.	.	wrought	38 mm Ø x 19 mm
BS 405	.	(0.001)	.	.	.	.	.	.	.	.	.	.	wrought	38 mm Ø x ~7 or 19+ mm
BS 400-3	0.004	(0.0002)	.	.	.	.	.	(0.001)	0.0014	0.003	(0.001)	.	wrought	38 mm Ø x ~18 mm
BS 400-1	0.004	(0.0005)	.	.	.	.	.	(0.0005)	0.0010	(0.001)	(0.0006)	.	wrought	38 mm Ø x ~18 mm
HRT NI2001	.	.	.	.	.	.	.	.	.	.	.	.		40 mm Ø x 20

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SYLAB Ref	As	B	Bi	Ca	Cd	N	O	Sb	Sn	V	Zn	Zr		Units
BS 400-2	0.004	(0.0006)	.	.	.	.	.	(0.001)	0.0012	(0.003)	(0.001)	.	wrought	38 mm Ø x ~18 mm
212X 05500A	.	0.0015	.	.	.	0.0010	.	.	.	.	.	0.0343	wrought	~38 mm Ø x ~15 mm
BS 500E	(0.0008)	0.0017	.	(0.0004)	W:(0.002)	(0.00025)	0.0005	.	(0.0008)	(0.001)	(0.001)	0.0133	wrought	38 mm Ø x ~7 or 19+ mm
SRM C1248	.	.	.	.	.	.	.	.	0.00011	.	0.0003	.		32 mm Ø x 19 mm
HRT NI2019	.	(0.0026)	.	.	.	(0.0024)	.	.	.	.	.	.		35 mm Ø x 20 mm

Fe, Fe/Co, and Fe/Mo NICKEL ALLOY

= class, where 1 = CRM and 2 = RM CT: 30-35 mm Ø x ~16 mm IARM: 31 mm Ø x 2 mm SRM: 31-32 mm Ø x 19 mm VS: ~38 mm Ø x ~ 19 mm

#	SYLAB Ref	Fe	Co	Cu	Mo	Al	B	C	Cr	Mn	Nb	Ni	P	S	Si	Ta	Ti	V
1	SRM 1159	51.0	0.022	0.038	0.01	.	.	0.007	0.06	0.30	.	48.2	0.003	0.003	0.32	.	.	.
1	SRM 1250	40.5	16.1	0.022	0.014	0.99	0.0078	0.022	0.077	0.052	2.99	37.78	<0.003	0.0025	0.097	0.003	1.48	0.077
1	SRM 1160	14.3	0.054	0.021	4.3	.	.	0.019	0.05	0.55	.	80.3	0.003	0.001	0.37	.	.	.

Mo/Fe 'HASTELLOY' TYPE ALLOY

= class, where 1 = CRM and 2 = RM * Provisional Analysis

#	SYLAB Ref	Mo	Co	Cr	Fe	W	Ni	Al	C	Cu	Mn	N	P	S	Si	Ti	V
1	215X HB4G	27.94	1.703	0.375	5.94	(0.096)	61.80	0.0159	0.0843	0.0192	0.597	0.0013	0.049	0.0313	1.005	0.0338	0.212
1	BS H1C	27.2	(0.01)	0.70	1.29	(0.009)	69.8	0.15	0.0022	(0.002)	0.51	(0.0005)	(0.0049)	(0.0004)	(0.01)	(0.008)	(0.02)
2	BS H1B	26.52	<0.02	<0.01	1.00	.	(71.3)	0.12	0.006	(0.01)	0.82	.	0.003	0.0005	0.049	0.11	<0.01
1	215X HC1M	19.72	2.49	15.62	4.03	3.59	.	0.008	0.0255	0.024	1.272	0.0040	.	(0.0018)	0.493	0.267	0.149
1	215X HC2K	18.44	1.70	16.46	2.97	4.02	(53.8)	0.005	0.0455	.	0.909	0.0091	.	0.0163	1.22	0.181	0.282
1	215X HC3M	17.38	0.973	17.86	4.84	4.63	.	0.111	0.0897	0.0988	0.685	0.0066	0.0211	0.0131	0.944	0.150	0.399
1	215X HC4M	16.93	0.709	18.44	6.01	4.99	(50.3)	(0.052)	0.141	0.331	0.441	0.071	0.0390	0.0222	1.15	(0.094)	0.491
1	215X HC5V	16.03	0.0460	20.05	8.15	6.19	(45.9)	0.721	0.201	0.485	0.100	0.0081	0.054	0.038	1.379	0.198	0.607
1	BS H2E	15.98	0.032	15.85	5.41	3.28	58.3	0.35	0.0030	(0.0070)	0.55	0.0119	(0.005)	(0.00045)	(0.030)	(0.007)	0.15
1	215X 10276A	15.96	0.182	15.56	5.79	3.59	57.81	0.203	0.008	0.0423	0.498	0.0099	0.0027	(0.001)	0.029	0.0186	0.196
2	HRT NI2012	15.77	.	15.56	6.66	3.47	57.32	0.23	(0.008)	0.09	0.38	.	(0.009)	(0.003)	(0.06)	.	0.20
1	BS C-2000	15.5	0.076	22.54	1.00	(0.15)	58.7	0.29	<0.005	1.52	0.19	0.018	<0.01	0.0008	<0.03	(0.004)	(0.011)
1	BS H2C	15.36	0.178	16.14	5.99	3.25	58.3	0.124	0.0027	0.116	0.415	0.0126	0.0086	0.00030	0.031	0.0172	0.0222
1	BS H6B	14.05	0.079	22.3	3.45	3.20	55.9	0.23	(0.008)	0.035	0.226	0.0118	0.0054	0.0005	(0.035)	0.050	0.0063

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#	SYLAB Ref	Mo	Co	Cr	Fe	W	Ni	Al	C	Cu	Mn	N	P	S	Si	Ti	V
1	BS H6C *	13.5	0.11	21.3	3.44	3.10	[57.8]	0.22	0.002	0.056	0.31	<0.05	<0.05	<0.005	0.012	0.006	0.009
2	HRT NI2014	13.03	(0.02)	21.42	2.47	2.92	59.23	0.16	(0.009)	.	0.30	.	(0.006)	(0.003)	0.06	0.13	(0.02)
1	BS H3C	8.82	1.37	21.50	19.54	0.623	46.6	0.149	0.087	0.106	0.492	0.0266	0.0150	(0.0003)	0.36	(0.0064)	0.047
1	BS G30	4.90	2.10	28.89	13.7	1.88	45.3	0.263	0.0044	1.22	1.02	0.028	0.010	0.0006	0.32	(0.004)	(0.023)
1	IARM 68F	1.35	0.24	21.9	1.50	(0.02)	(59.6)	0.26	0.101	0.031	0.499	0.045	(0.004)	(0.0006)	(0.03)	0.14	(0.007)

SYLAB Ref	As	B	Ca	Mg	Nb	O	Pb	Sb	Sn	Ta	Zr	Units		
215X HB4G	.	.	.	.	0.056	.	.	.	.	.	(0.016)	~40 mm Ø x ~15 mm		
BS H1C	(0.001)	(0.001)	(0.001)	(0.0012)	(0.009)	(0.0009)	(0.00002)	.	(0.002)	(0.009)	(0.001)	38 mm Ø x ~7 or 19+ mm	17025	
BS H1B	.	0.003	.	.	<0.005	.	.	.	.	.	last	38 mm Ø x ~7, ~12, or 19 mm		
215X HC1M	.	.	.	.	.	.	.	.	.	.	.	~40 mm mm Ø x ~15 mm		
215X HC2K	.	(0.006)	.	.	.	.	.	.	.	.	.	~40 mm mm Ø x ~15 mm		
215X HC3M	.	.	.	.	.	.	.	.	.	.	.	~40 mm mm Ø x ~15 mm		
215X HC4M	.	.	.	.	.	.	.	.	.	.	.	~40 mm mm Ø x ~15 mm		
215X HC5V	.	.	.	.	.	.	.	.	.	.	.	~40 mm mm Ø x ~15 mm		
BS H2E	(0.0006)	(0.0028)	(0.0004)	0.0019	(0.009)	0.0005	(0.002)	(0.00004)(0.001)		(0.02)	(0.002)	32 mm Ø x ~7 or 19+ mm	17025	
215X 10276A	.	.	.	0.0090	0.031	.	.	.	.	.	0.009	~40 mm Ø x ~15 mm		
HRT NI2012	.	.	.	.	.	.	.	.	.	.	.	38 mm Ø x 20 mm		
BS C-2000	0.0012	(0.0009)	(0.0009)	0.0075	(0.02)	0.0011	(0.0003)	(0.0006)	(0.0005)	(0.002)	(0.002)	38 mm Ø x ~7 or 19+ mm	17025	
BS H2C	0.0008	0.0008	0.0004	0.0061	0.032	0.0012	0.00014	0.0006	0.0011	(0.00008)	(0.00012)	32 mm Ø x ~7 or 19 mm	17025	last
BS H6C *	<0.005	0.001	.	<0.01	<0.05	<0.005	<0.005	<0.005	0.002	<0.05	.	38 mm Ø x ~7 or 19+ mm		
HRT NI2014	.	.	.	.	.	.	.	.	.	.	.	25 mm Ø x 20 mm		
BS H3C	(0.003)	0.0020	(0.0003)	0.0020	0.095	0.0013	.	(0.0003)	0.0019	(0.0001)	(0.005)	38 mm Ø x ~7 or 19+ mm	17025	
BS G30	0.0018	0.0010	(0.0010)	0.0063	0.419	0.0027	<0.01	(0.0003)	0.0011	(0.003)	(0.002)	38 mm Ø x ~7 or 19+ mm	17025	

Need a larger size? Most BS items are available in any height.

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NICKEL ALLOY XRF SET

Part SYLAB Ref: BS NI- 18 AVAILABLE INDIVIDUALLY ~7 mm discs 17025

Grade	SYLAB Ref	Al	As	B	C	Co	Cr	Cu	Fe	Mg	Mn	Mo	N	Nb	Ni	O	P	Pb	S	Si	Sn	Ta	Ti	V	W	Zr
Nickel 200	BS 200A	0.0281	0.0015	0.0044	0.078	0.0564	0.0006	0.0038	0.074	0.0131	0.151	0.0004	0.0004	0.0004	99.54	0.0013	0.0007	(0.00005)	0.0037	0.0051	(0.0001)	(0.0003)	0.0427	0.0006	0.0005	(0.0004)
Monel 400	BS 400D	0.0231	(0.0001)	0.0009	0.130	0.032	0.0057	33.0	2.00	0.0217	0.993	0.0024	(0.00017)	(0.0001)	63.4	0.0008	(0.0010)	0.0004	0.0006	0.146	(0.00012)	(0.009)	0.064	(0.0002)	(0.0004) (0.0003)	
Monel® K500	BS 500E	2.94	(0.0008)	0.0017	0.134	0.017	0.0174	29.9	0.722	0.0058	0.605	0.0044	(0.00025)	(0.002)	64.7	0.0005	0.0022	(0.0008)	0.0006	0.148	(0.0008)	.	0.607	(0.001)	(0.002)	0.0133
Inconel® 600	BS 600-6	0.288	.	0.0028	0.083	0.066	14.86	0.24	7.33	0.022	0.21	0.12	0.0078	0.14	76.0	.	0.007	.	0.001	0.31	(<0.003)	(<0.003)	0.24	0.023	.	.
Inconel® 625	BS 625D	0.21	0.0007	0.0019	0.048	0.041	22.33	0.019	3.81	.	0.069	8.74	0.0067	3.54	60.9	0.0012	0.0039	.	0.0004	0.072	(0.0006)	(0.004)	0.276	0.018	0.014	.
Inconel® 690	BS 690A	0.209	(0.0004)	0.0003	0.0321	0.0056	29.5	0.0072	9.08	0.0058	0.214	0.0025	0.0069	0.0039	60.5	0.0009	0.0052	(0.0001)	0.0004	0.036	(0.0003)	(0.011)	0.340	0.0095	0.0011	0.0018
Inconel® 718	BS 718D	0.631	0.0011	0.0041	0.037	0.368	18.32	0.071	18.51	0.0038	0.100	3.00	0.0084	5.16	52.5	0.0015	0.0083	(0.00006)	0.0004	0.072	0.0020	(0.0022)	0.93	0.038	0.049	(0.002)
Inconel® X750	BS 750A	.	.	0.0033	0.047	0.29	15.68	0.04	7.07	.	0.09	0.22	.	1.07	71.9	.	(0.005)	.	0.0007	0.10	.	.	2.60	0.046	.	.
Inconel® 800	BS 800A	0.362	(0.002)	0.0018	0.075	0.069	21.09	0.244	42.7	0.0022	0.883	0.117	0.0126	0.021	33.3	0.0014	0.013	(0.001)	(0.0007)	(0.0005)	0.361	0.0041	0.526	0.058	(0.030)	(0.002)
Inconel® 825	BS 825E	0.080	.	0.0025	0.010	0.26	21.87	1.72	31.45	.	0.51	2.74	0.0105	0.19	39.92	(0.004)	0.015	.	0.0010	0.24	.	.	0.82	0.049	0.166	.
Inconel® 925	BS 925	0.17	.	0.002	0.011	0.34	20.82	1.74	26.92	.	0.50	3.00	0.0042	0.23	43.53	(0.0075)	0.016	.	0.0020	0.11	(0.002)	.	2.20	0.03	0.47	.
Hastelloy B	BS H-1B	0.12	.	0.003	0.006	<0.02	<0.01	(0.01)	1.00	.	0.82	26.52	.	<0.005	[71.3]	.	0.003	.	0.0005	0.049	.	.	0.11	<0.01	.	.
Hastelloy C-276	BS H2C	0.124	0.0008	0.0008	0.0027	0.178	16.14	0.116	5.99	0.0061	0.415	15.36	0.0126	0.032	58.3	0.0012	0.0086	0.00014	0.00030	0.031	0.0011	Ca:4ppm	0.0172	0.0222	3.25	Sb:6ppm
Hastelloy X	BS H3C	0.149	(0.003)	0.0020	0.087	1.37	21.50	0.106	19.54	0.0020	0.492	8.82	0.0266	0.095	46.6	0.0013	0.0150	.	(0.0003)	0.36	0.0019	(0.0001)	(0.0064)	0.047	0.623	(0.005)
Hastelloy C-22	BS H6B	0.23	(0.0015)	0.0016	(0.008)	0.079	22.3	0.035	3.45	0.0010	0.226	14.05	0.0118	(0.1)	55.9	0.0007	0.0054	.	0.0005	(0.035)	(0.0007)	.	0.050	0.0063	3.20	.
Waspaloy	BS 199B	1.37	.	0.0053	0.041	12.41	19.46	0.015	1.17	0.0032	0.0240	3.87	0.0038	0.069	58.4	0.0006	0.0031	.	0.0005	0.034	0.0006	(0.001)	3.00	0.071	0.048	0.045
RA 333	BS 197A	0.18	.	0.0019	0.050	3.06	25.11	0.12	18.07	.	1.56	2.99	(0.052)	0.20	44.44	.	0.021	(0.0002)	<0.001	0.96	.	.	0.017	0.051	2.79	.
Alloy 20	BS 187D	0.0164	(0.0035)	0.0026	0.0337	0.089	19.91	3.52	[39.6]	(0.0009)	0.938	2.17	0.046	0.621	32.3	0.0026	0.0155	0.0019	0.0021	0.669	0.0085	0.0008	0.0027	0.073	0.086	(0.0012)

Nickel with brackets [ ] calculated by difference.® Monel, Inconel, and Incoloy are registered trademarks of Inco Alloys Internatioinal Inc.

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