



C,H,N,O,S in its Steels

CRM	Name of the CRM	C (%)	S(%)	O (%)	N (%)	Unit Size	Form
JSS202-2	Steel for carbon	1.443	-	-	-	150g	Chips
NCS NS 18016	C,S in Steel	1.19	0.008	-	-	100g	Chips
NCS NS 18015	C,S in Steel	1.09	0.018	-	-	100g	Chips
NCS NS 18014	C,S in Steel	0.99	0.0041	-	-	100g	Chips
B2519	1g Pin Standard	0.928	0.002	-	-	454g	Cylindrical Pins
NCS NS 21008	C,S in Bearing Steel	0.977	0.018	-	-	50g	ball
BS CSN3	pins	0.892	0.0035	-	0.0047	500g	1 g pins
B2557	C,S in Steel	0.927	0.011	-	0.006	150g	Chips
NCS NS 18013	C,S in Steel	0.89	0.022	-	-	100g	Chips
VSU13/4	C,S,O,N in Iron and Steel	0.888	0.007	-	-	100g	Chips
NCS NS 13026	C in Steel	0.81	-	-	-	100g	Chips
B2517	1g Pin Standard	0.82	0.0055	-	-	454g	Cylindrical Pins
B2505	1g Pin Standard	0.82	0.0055	-	-	454g	Cylindrical Pins
DH E4721	C,S,O,N in Iron and Steel	0.7703	0.0269	-	0.0015	50g	Chips
B2523	1g Pin Standard	0.729	0.022	-	-	454g	Cylindrical Pins
NCS NS 13025	C in Steel	0.725	-	-	-	100g	Chips
B2504	1g Pin Standard	0.658	0.0108	-	-	454g	Cylindrical Pins
IPT 60A	C,S,O,N in Iron and Steel	0.715	0.012	-	-	100g	Chips
NCS NS 11010	C &S in Steel	0.703	0.01	-	-	100g	Chips
NCS NS 13008	C &S in Steel	0.644	0.068	-	-	100g	Chips
NCS NS 18012	C &S in Steel	0.61	0.0095	-	-	100g	Chips
ECRM079-2	C,S,O,N in Iron and Steel	0.596	0.192	-	0.0074	100g	Chips
DH E2128	C,S,O,N in Iron and Steel	0.593	0.0008	-	0.0036	50g	Chips
NCS NS 13024	C in Steel	0.59	-	-	-	100g	Chips
SRM 2160	C,S,O,N in Iron and Steel	0.584	0.012	-	-	200g	1g pins
BS CSN2-2	C,S,O,N in Iron and Steel	0.548	0.028	-	0.076	500g	1g pins
B2507	1g Pin Standard	0.546	0.0082	-	-	454g	Cylindrical Pins
B2525	1g Pin Standard	0.544	0.0103	-	-	454g	Cylindrical Pins
NCS NS 18011	C &S in Steel	0.543	0.012	-	-	100g	Chips
NCS NS 28027	C &S in Steel	0.523	0.017	-	-	100g	Chips
NCS NS 93011	C &S in Steel	0.512	0.0095	-	-	100g	Chips
B2754	Steel chip	0.506	0.078	-	-	150g	Chips
IPT 59A	C,S,O,N in Iron and Steel	0.495	0.018	-	-	100g	Chips
NCS NS 13005	C &S in Steel	0.485	0.024	-	-	100g	Chips



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NCS NS 13023	C in Steel	0.48	-	-	-	100g	Chips
IARM 259A	C,S,O,N in Iron and Steel	0.479	0.0007	0.0014	0.0077	100g	Chips
BS CSN2-1	C,S,O,N in Iron and Steel	0.476	0.034	-	0.064	500g	1g pins
B2760	Steel chip	0.506	0.078	-	-	150g	Chips
NCS NS 28029	C & S in Steel	0.465	0.02	-	-	100g	Chips
B2751	Steel chip	0.455	0.029	-	0.0095	150g	Chips
NCS NS 28005	C & S in Steel	0.462	0.0096	-	-	100g	Chips
NCS NS 18010	C & S in Steel	0.455	0.019	-	-	100g	Chips
DH E2184	C,S,O,N in Iron and Steel	0.4433	0.0152	-	-	50g	Chips
B2516	1g Pin Standard	0.472	0.0121	-	-	454g	Chips
NCS NS 93006	C & S in Steel	0.428	0.032	-	-	100g	Chips
B2503	1g Ring Standard	0.429	0.0097	-	-	454g	Ring
ECRM058-2C	C,S,O,N in Iron and Steel	0.424	0.1712	-	0.0107	100g	Chips
B2758	Chip	0.401	0.0209	0.0067	-	150g	Chips
NCS NS 28004	C & S in Steel	0.416	0.022	-	-	100g	Chips
NCS NS 18009	C & S in Steel	0.415	0.02	-	-	100g	Chips
DH E2202	C,S,O,N in Iron and Steel	0.4017	0.0457	-	-	50g	Chips
B2753	Steel Chip	0.385	0.104	0.0103	-	150g	Chips
DH E2333	C,S,O,N in Iron and Steel	0.3876	0.0585	-	-	50g	Chips
NCS NS 18008	C & S in Steel	0.376	0.028	-	-	100g	Chips
NCS NS 93012	C & S in Steel	0.375	0.046	-	-	100g	Chips
NCS NS 13022	C in Steel	0.37	-	-	-	100g	Chips
NCS NS 93005	C & S in Steel	0.357	0.018	-	-	100g	Chips
NCS NS 28025	C & S in Steel	0.33	0.024	-	-	100g	Chips
NCS NS 11003	C & S in Steel	0.322	0.02	-	-	100g	Chips
IPT 58A	C,S,O,N in Iron and Steel	0.316	0.021	-	-	120g	Chips
NCS NS 18007	C & S in Steel	0.312	0.026	-	-	100g	Chips
NCS NS 93009	C & S in Steel	0.31	0.031	-	-	100g	Chips
NCS NS 93004	C & S in Steel	0.293	0.04	-	-	100g	Chips
NCS NS 18006	C & S in Steel	0.282	0.033	-	-	100g	Chips
B2508	1g Ring Standard	0.272	0.0215	-	-	454g	Ring
IARM 242A	temperature Steel	0.24	0.0004	0.0006	0.0003	100g	Chips
NCS NS 11011	C & S in Steel	0.235	0.039	-	-	100g	Chips
NCS NS 93008C	C & S in Steel	0.251	0.022	-	-	100g	Chips
NCS NS 13021	C in Steel	0.21	-	-	-	100g	Chips



C,H,N,O,S in its Steels

VSU 12/6	C,S,O,N in Iron and Steel	0.209	0.02	-	-	100g	Chips
NCS NS 18005	C & S in Steel	0.204	0.022	-	-	100g	Chips
B2759	Steel Chip	0.204	0.0284	0.0091	-	150g	Chips
B2515	1g Pin Standard	0.216	0.0183	-	-	454g	Cylindrical Pins
NCS NS 93014	C & S in Steel	0.195	0.03	-	-	100g	Chips
DH E2161	C,S,O,N in Iron and Steel	0.1843	0.0043	-	0.0186	50g	Chips
B2750	Chip Standard	0.176	0.024	0.0087	-	150g	Chips
JK21	C,S,O,N in Iron and Steel	0.1741	0.011	-	0.008	150g	Chips
DH E21-371	C,S,O,N in Iron and Steel	0.1712	0.0011	-	0.0119	50g	Chips
NCS NS 18004	C & S in Steel	0.171	0.0102	-	-	100g	Chips
B2526	1g Pin Standard	0.168	0.09	-	-	454g	Cylindrical Pins
DH E2172	C,S,O,N in Iron and Steel	0.1611	0.0147	-	-	50g	Chips
B2502	1g Ring Standard	0.17	0.0069	-	-	454g	Ring
NCS NS 28021	C & S in Steel	0.16	0.028	-	-	100g	Chips
DH E2122	C,S,O,N in Iron and Steel	0.1599	0.0016	-	0.0078	50g	Chips
B2761	Steel Chip	0.182	0.107	-	0.003	150g	Chips
DH E2201	C,S,O,N in Iron and Steel	0.1492	0.0048	-	-	50g	Chips
NCS NS 93013	C & S in Steel	0.146	0.014	-	-	100g	Chips
NCS NS 11007	C & S in Steel	0.146	0.013	-	-	50g	Ball
DH E2106	C,S,O,N in Iron and Steel	0.1406	0.0277	-	0.0063	50g	Chips
DH E2175	C,S,O,N in Iron and Steel	0.129	0.0181	-	-	50g	Chips
B2764	Steel Chip	0.121	0.022	-	0.036	150g	Chips
VSU 11/5	C,S,O,N in Iron and Steel	0.119	0.027	-	-	100g	Chips
DH E2127	C,S,O,N in Iron and Steel	0.1087	0.00072	-	0.0103	50g	Chips
BAM 039-2	C,S,O,N in Iron and Steel	0.107	0.31	-	0.0113	100g	Chips
VS U17/4	C,S,O,N in Iron and Steel	0.106	0.137	-	-	100g	Chips
ECRM 286-1	C,S,O,N in Iron and Steel	0.1	0.28	-	0.043	100g	Chips
NCS NS 13020	C in Steel	0.1	-	-	-	100g	Chips
NCS NS 11006	C & S in Steel	0.097	0.021	-	-	50g	Ball
B2520	1g Pin Standard	0.097	0.018	-	-	454g	Cylindrical Pins
TH 1041	C,S,O,N in Iron and Steel	0.0925	0.01	-	-	100g	Chips
VS S41/5	C,S,O,N in Iron and Steel	0.085	0.0069	-	0.142	100g	Chips
B2511	0.5g Pin Standard	0.064	0.272	-	-	250g	Cylindrical Pins
NCS NS 18003	C & S in Steel	0.082	0.035	-	-	100g	Chips
DH E23-201	C,S,O,N in Iron and Steel	0.08	0.0027	-	0.012	50g	Chips



C,H,N,O,S in its Steels

B2518	1g Pin Standard	0.134	0.229	-	-	454g	Cylindrical Pins
DH E2317	C,S,O,N in Iron and Steel	0.0795	0.0014	-	-	50g	Chips
DH E2318	C,S,O,N in Iron and Steel	0.0793	-	-	-	50g	Chips
BS CSNA	C,S,O,N in Iron and Steel	0.068	0.305	-	0.0081	100g	Chips
CZ 2026A	C,S,O,N in Iron and Steel	0.068	0.255	-	-	250g	Chips
B2514	1g Pin Standard	0.0531	0.0344	-	-	454g	Cylindrical Pins
ECRM294-1C	C,S,O,N in Iron and Steel	0.0657	0.00031	-	0.566	100g	Chips
DH E2326	C,S,O,N in Iron and Steel	0.0637	0.0013	-	-	50g	Chips
DH E2322	C,S,O,N in Iron and Steel	0.0609	0.0009	-	-	50g	Chips
DH E21-961	C,S,O,N in Iron and Steel	0.0609	0.0006	-	0.0034	50g	Chips
B2756	Steel Chip	0.055	0.01	-	0.006	150g	Chips
B2501	1g Ring Standard	0.051	0.017	-	-	454g	rings
DH E2135	C,S,O,N in Iron and Steel	0.0502	0.0083	-	0.0019	50g	Chips
DH E22041	C,S,O,N in Iron and Steel	0.0469	0.0277	-	0.0035	50g	Chips
NCS NS 11026	C & S in Steel	0.41	0.0025	-	-	100g	Chips
DH E2165	C,S,O,N in Iron and Steel	0.0399	0.0195	-	0.0059	50g	Chips
DH E2162	C,S,O,N in Iron and Steel	0.0369	0.0007	-	0.0032	50g	Chips
ECRM273-1C	C,S,O,N in Iron and Steel	0.0336	0.0004	-	0.0444	100g	Chips
B2521	1g Pin Standard	0.033	0.033	-	-	454g	Cylindrical Pins
VS U10/5	C,S,O,N in Iron and Steel	0.032	0.0124	-	-	100g	Powder
NCS NS 18002	C & S in Steel	0.031	0.0084	-	-	100g	Chips
DH E2179	C,S,O,N in Iron and Steel	0.0232	-	-	-	50g	Chips
NCSNS11040	C & S in Steel	0.019	0.0116	-	-	100g	Chips
B2765	Steel Chip	0.019	0.016	-	-	150g	Chips
B2506	1g Ring Standard	0.019	0.014	-	-	454g	rings
IARM 214A	C,S,O,N in Iron and Steel	0.018	0.002	0.0026	0.27	100g	Chips
B2513	1g Pin Standard	0.018	0.003	-	-	454g	Cylindrical Pins
ECRM 295-1C	C,S,O,N in Iron and Steel	0.0166	0.0004	-	-	100g	Chips
SRM 2159	1g Pin Standard	0.016	0.0023	-	-	200g	Cylindrical Pins
B2762	Steel Chip	0.015	0.023	0.012	0.068	150g	Chips
B2512	0.5g Pin Standard	0.015	0.262	-	-	454g	Cylindrical Pins
ECRM 298-1C	C,S,O,N in Iron and Steel	0.0146	0.0006	-	0.263	100g	Chips
JK36	C,S,O,N in Iron and Steel	0.0125	0.0126	-	0.0337	150g	Chips
NCS NS 11017a	C,S,O,N in Iron and Steel	0.0079	0.0016	-	-	100g	Chips
SRM 166c	C,S,O,N in Iron and Steel	0.00781	-	-	-	100g	Chips



C,H,N,O,S in its Steels

NCS NS 11013	Pure Iron	0.0066	0.0056	-	-	100g	Chips
NCS NS 11024	C,S,O,N in Iron and Steel	0.0066	0.023	-	-	100g	Chips
NCS NS 11039	C & S in Steel	0.0051	0.0058	-	-	100g	Chips
B2522	1g Pin Standard	0.005	0.002	-	-	454g	Cylindrical Pins
DH E2156	C,S,O,N in Iron and Steel	0.00483	0.01515	-	-	50g	Chips
NCS NS 11041	C & S in Steel	0.004	0.0053	-	-	100g	Chips
B2752	Steel Chip	0.003	0.005	-	0.002	150g	Chips
B1510	Iron Chip high purity	0.0006	0.0016	-	-	454g	Chips
B2715	Wrought Iron	0.0005	0.0015	-	-	454g	Chips
DH E2163	C,S,O,N in Iron and Steel	0.0036	0.0026	-	-	50g	Chips
SRM 131g	C,S,O,N in Iron and Steel	0.00353	0.0004255	-	-	150g	Chips
NCS NS 11015a	Pure Iron	0.003	0.0019	-	-	100g	Chips
VS U14/5	C,S,O,N in Iron and Steel	0.0023	0.0057	-	-	100g	Chips
JSS 1207-2	C,S,O,N in Iron and Steel	0.00229	-	-	-	150g	Chips
NCS NS 11012	Pure Iron	0.0016	0.0063	-	-	100g	Chips
JSS 1201-4	C,S,O,N in Iron and Steel	0.00066	-	-	-	150g	Chips
DH SE26-10	C,S,O,N in Iron and Steel	0.00038	<0.0004	0.012	0.00026	50g	Chips
NCS NS 13032	C,S,O,N in Iron and Steel	-	0.096	-	-	100g	Chips
DH E2154	C,S,O,N in Iron and Steel	-	0.0472	-	-	50g	Chips
NCS NS 13029	C,S,O,N in Iron and Steel	-	0.037	-	-	100g	Chips
NCS NS 13028	C,S,O,N in Iron and Steel	-	0.017	-	-	100g	Chips
NCS NS 13027	C,S,O,N in Iron and Steel	-	0.0105	-	-	100g	Chips
SRM 2168	C,S,O,N in Iron and Steel	-	0.00107	-	-	150g	Chips



C,H,N,O,S in its Steels

CRM		OXYGEN (%)	NITROGEN (%)	SIZE	FORM
BAM 029-1	Nitrogen and oxygen in steels	0.0312	0.0083	100g	3 rods, 8mm Ø x80mm
VS 7-9	Nitrogen and oxygen in steels	0.020	0.0043	100g	rods, ~2.5 mm Ø x ~220 mm
JK35	Nitrogen and oxygen in steels	0.0198	-	1 rod	10 mm Ø x 500 mm last of stock
NCSNS11019	Nitrogen and oxygen in steels	0.0197	0.0055	25g	0.5g pins, last of stock 5
JSS387-1	Nitrogen and oxygen in steels	0.0179	-	8 rods	5 mm Ø x 230 mm,
NCSNS20050	Nitrogen and oxygen in steels	0.0166	0.0026	50g	1g balls
BAM 028-1	Nitrogen and oxygen in steels	0.0113	0.0029	100g	3 rods, 3mm Øx 80 mm
NCSNS41006	Nitrogen and oxygen in steels	0.0108	0.0027	20g	1g balls
BCS 318B	Nitrogen and oxygen in steels	0.0103	-	100g	1rod,12.7mm Øx 127mm
BCS 318A	Nitrogen and oxygen in steels	0.0096	-	100g	2rods,6.35mm Øx95mm
NCS NS21006	Nitrogen and oxygen in steels	0.00943	0.0264	50g	1g balls
BAM 027-1	Nitrogen and oxygen in steels	0.0084	0.0157	100g	3rods,8mm Øx80mm
JK 34	Nitrogen and oxygen in steels	0.0068	-	1 rod	8mm Øx500mm each
NCS NS11037	Nitrogen and oxygen in steels	0.0066	0.109	50g	0.5g pins
NCS NS20049	Nitrogen and oxygen in steels	0.0058	0.0040	50g	1g balls
NCS NS11022	Nitrogen and oxygen in steels	0.0038	0.0820	25g	0.5g pins
NCS NS18001	Nitrogen and oxygen in steels	0.0038	0.0063	25g	0.5g pins
BAM 026-1	Nitrogen and oxygen in steels	0.0031	0.0053	100g	3 rods, 8mm Øx80mm
NCS NS41007	Nitrogen and oxygen in steels	0.0029	0.0037	20g	1g balls
JK32	Nitrogen and oxygen in steels	0.0028	-	1 rod	10mm Øx 500mm each
BAM 026-2	Nitrogen and oxygen in steels	0.0025	0.0042	100g	3 rods,8mm Øx80mm
SRM 1754	Nitrogen and oxygen in steels	0.0024	0.0081	1 rod	0.95cmx 0.95cmx10.2cm
NCS NS20035b	Nitrogen and oxygen in steels	0.0022	0.0061	50g	1g balls
NCS NS20048	Nitrogen and oxygen in steels	0.0019	0.0070	50g	1g balls
JK 31	Nitrogen and oxygen in steels	0.0015	-	1 rod	8mm Ø x500mm each
NCS NS21002b	Nitrogen and oxygen in steels	0.00115	0.0055	50g	1g balls



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CRM		OXGEN (%)	NITROGEN (%)	SIZE	FORM
NCS NS41005a	Nitrogen and oxygen in steels	0.00087	0.0084	20g/50g	1g balls
NCSNS41005b	Nitrogen and oxygen in steels	0.00080	0.0084	20g/50g	1g balls
SRM 1094	Nitrogen and oxygen in steels	0.0004	-	1rod	0.6mm Øx8.2 cm
JK 49D	Nitrogen and oxygen in steels	-	1.89	47mm Øx15mm dis vs	Chips
NCS NS13012	Nitrogen and oxygen in steels	-	0.012	150g	Chips
NCS NS13011	Nitrogen and oxygen in steels	-	0.0099	150g	Chips
NCS NS13010	Nitrogen and oxygen in steels	-	0.0096	150g	Chips
DH E21161	Nitrogen and oxygen in steels	-	0.0084	50g	Chips
NCS NS14001	Nitrogen and oxygen in steels	-	0.0081	100g	Chips
NCS NS13009	Nitrogen and oxygen in steels	-	0.0078	150g	Chips
NCS NS13037	Nitrogen and oxygen in steels	-	0.0067	150g	Chips
NCS NS13036	Nitrogen and oxygen in steels	-	0.0064	150g	Chips
NCS NS14003	Nitrogen and oxygen in steels	-	0.0048	100g	Chips
NCS NS13034	Nitrogen and oxygen in steels	-	0.0044	150g	Chips
NCS NS13033	Nitrogen and oxygen in steels	-	0.0043	150g	Chips
NCS NS14002	Nitrogen and oxygen in steels	-	0.0040	100g	Chips



C,H,N,O,S in its Steels

Hydrogen in iron and steel

CRM	Name of the CRM	H (%)	C (%)	S (%)	O (%)	N (%)	Size	Form
CMSI 3012-3	Hydrogen in steel	6.50	-	-	-	-	40g	2g balls
NCS NS20001a	Hydrogen in steel	6.00	-	-	-	-	20g	1g balls
NCS NS200042	Hydrogen in steel	3.55	-	-	-	-	20g	1g balls
BS HON-T	Hydrogen in steel	2.7	0.050	0.0040	0.0044	0.0365	100g	1g pins
NCS NS20025b	Hydrogen in steel	1.1	-	-	-	-	20g	1g balls
BAM CRM H1	Hydrogen in steel	0.97	-	-	-	-	100g	1g pins
NCS NS11043	Hydrogen in steel	0.50	-	-	0.0041	0.0381	50g	1g balls

Cast Iron Chips and Powder

CRM	Name of the CRM	C (%)	S (%)	N (%)	Size	Form
ECRM 490-1	Cast iron chips	4.813	0.004	0.0030	100g	Chips
DH E2512	Cast iron chips	4.738	0.103	-	50g	Chips
VS Ch 11/3	Cast iron chips	4.49	0.032	-	100g	Chips
DH E2502	Cast iron chips	4.23	0.0498	-	50g	Chips
NCS HC18007	Pig iron	4.17	0.0233	-	100g	Chips
NCS HC18017	Cast iron chips and powder	4.14	0.046	-	100g	Chips
NCS HC18008	Pig iron	4.13	0.023	-	100g	Chips
GBW01113C	Cast iron chips	4.11	0.054	-	150g	Chips
NCS HC28055	Cast iron chips and powder	4.04	0.0095	-	100g	Chips
NCS HC93001	Pig iron	4.01	0.069	-	100g	Chips
NCS HC18015	Pig iron	4.01	0.046	-	100g	Chips
NCS HC18004	Pig iron	4.00	0.023	-	100g	Chips
NCS NS56003	Cast iron chips and powder	3.87	0.044	-	150g	Chips
NCS NS16002	C,S in Pig Iron	3.60	0.0186	-	100g	Chips
VS Ch10/4	Cast iron powder	3.590	0.085	-	100g	powder



C,H,N,O,S in its Steels

Cast Iron Chips and Powder

CRM	Name of the CRM	Carbon (%)	Sulfur (%)	Nitrogen (%)	Units	Form
ECRM 490-1	Cast iron chips	4.813	0.004	0.0030	100g	Chips
DH E2512	Cast iron chips	4.738	0.103	-	50g	Chips
VS Ch 11/3	Cast iron chips	4.49	0.032	-	100g	Chips
DH E2502	Cast iron chips	4.23	0.0498	-	50g	Chips
NCS HC18007	Pig iron	4.17	0.0233	-	100g	Chips
NCS HC18017	Cast iron chips and powder	4.14	0.046	-	100g	Chips
NCS HC18008	Pig iron	4.13	0.023	-	100g	Chips
GBW01113C	Cast iron chips	4.11	0.054	-	150g	Chips
NCS HC28055	Cast iron chips and powder	4.04	0.0095	-	100g	Chips
NCS HC93001	Pig iron	4.01	0.069	-	100g	Chips
NCS HC18015	Pig iron	4.01	0.046	-	100g	Chips
NCS HC18004	Pig iron	4.00	0.023	-	100g	Chips
NCS NS56003	Cast iron chips and powder	3.87	0.044	-	150g	Chips
NCS NS16002	C,S in Pig Iron	3.60	0.0186	-	100g	Chips
VS Ch10/4	Cast iron powder	3.590	0.085	-	100g	powder



C,H,N,O,S in its Steels

Cast Iron Chips and Powder

CRM	Name of the CRM	Carbon (%)	Sulfur (%)	Nitrogen (%)	Size	Form
CTIF FB20-2	Cast iron chips	3.557	0.0614	-	100g	Chips
CTIF FB20-1	Cast iron chips	3.552	0.053	-	100g	Chips
ECRM 485-3	Cast iron chips	3.5	0.150	0.008	100g	Chips
SRM338	Cast iron chips	3.33	0.015	-	150g	Chips
HRT 530-033	Cast iron powder	3.33	0.011	-	150g	powder
HRT50-033A	Cast iron powder	3.33	0.011	-	1kg	powder
VS Ch8/4	Cast iron powder	3.3	0.010	-	100g	powder
ECRM 492-1	Cast iron chips	3.258	0.0854	0.0048	100g	Chips
VS Ch22	Cast iron powder	3.16	0.106	-	100g	powder
CTIF FB 13	Cast iron chips	2.959	0.0973	-	150g	Chips
SRM 334	Cast iron chips	2.83	0.043	-	100g	Chips
NCS NS13001	Cast iron chips	2.51	0.02	-	250g	powder
501-105-1006	Cast iron powder	2.32	0.011	-	100g	Chips
CTIF FB20	Cast iron chips	2.114	0.128	-	100g	Chips
NCS NS16001	Cast iron chips	2.02	0.0014	-	100g	Chips
BS CE216	Cast iron chips	-	0.043	-	150g	Chips
BS CE219	Cast iron chips	-	0.038	-	150g	Chips
BS CE217	Cast iron chips	-	0.029	-	150g	Chips



C,H,N,O,S in its Steels

C,S,N,O,H IN NON-FERROUS METALS

CRM	Name of the CRM	C (%)	S (%)	O (%)	N (%)	H (%)	Dim & Shape
VS 3263-91P	Aluminium	-	-	-	-	-	0.37 rod, 12mm Øx250mm
VS 7804-2010	Aluminium	-	-	-	-	-	0.28 rod, 12mm Øx250mm
VS 7219-96	Aluminium	-	-	-	-	-	0.21 rod, 12mm Øx250mm
VS6007-91	Aluminium	-	-	-	-	-	0.18 rod, 12mm Øx250mm
VS8844-2006	Aluminium	-	-	-	-	-	0.09 rod. 12mm Ø250mm 250g
IMN Cu 90-1	Copper	-	83.7	-	-	-	chips
IMN CuS -20	Copper	-	23.1	-	-	-	150g chips
SRM 885	Copper	Ag:(5)	18	310	Pb:2	-	200g of 1g pins trace As,Bi,Fe,Ni,Sb,Sn and Zn
IMN Cu S-10	Copper	-	7.5	-	-	-	250g shavings
IMN Cu 600/1	Copper	-	-	581	-	-	220g of rod 6mm Øx105mm
NCS NS 11035	Copper	-	-	479	-	-	25g of 1g pins, Ø4.8 x6.5mm
BCR 058	Copper	-	-	390	-	-	rod,7mm Øx50mm
BAM 379/3	Copper	-	-	378	-	-	disc,40mm Ø x30mm
NCSNS11038	Copper	-	-	376	-	-	25g of 1g pins
IMN Cu300	Copper	-	-	258	-	-	150g of rod 5mm Øx11.5mm
BAM 379/2	Copper	-	-	212	-	-	disc,40mm Øx30mm
NCS NS11036	Copper	-	-	208	-	-	25g of 1g pine
IMN Cu 100/5	Copper	-	-	163.7	-	-	200g of rod 20mm Øx11.5mm



C,H,N,O,S in its Steels

C,S,N,O,H IN NON-FERROUS METALS

CRM	Name of the CRM	C (%)	S (%)	O (%)	N (%)	H (%)	Dim & Shape
BCR 022A	Copper	-	-	138	-	-	disc,26mm Øx9mm
BCR 022B	Copper	-	-	138	-	-	rod,9mm Øx50mm
NCS NS11033	Copper	-	-	135	-	-	25g of 1g pine
IMN Cu 100	Copper	-	-	123	-	-	150g of rod 5mm Øx11.5mm
BAM 379/1	Copper	-	-	38	-	-	disc,40mm Øx30mm
NCS NS11032	Copper	-	-	18	-	-	25g of 1g pins
NCS NS11031	Copper	-	-	10	-	-	25g of 1g pins
DSZU CA021	Copper	-	-	7.4	-	1.9	50g of 1g pins
IMN Cu 10/1	Copper	-	-	3.8	-	-	150g of rod 5mm Øx11.5mm
NCS NS11030	Copper	-	-	2.8	-	-	rod,6mm Øx11.5 mm
IMN Cu 10	Copper	-	-	2.1	-	-	150g of rod 5mm Øx11.5mm
BCR 054R	Copper	-	-	0.47	-	-	rod,7mm Øx50mm
BCR 055	Lead	-	-	1	-	-	disc,30mm Øx9mm
BCR099	Nickel	-	-	8.4	1.1	-	50g of 2g cubes
IMN NI-2	Nickel	128	149	-	-	-	100g Chips
SRM 861	Nickel	-	0.561	-	-	-	50g Chips
IMN Ag150N	Money	-	-	-	155.4	-	cubes 100g of 5.5mm Øx5mm
IMN Ag2N	Money	-	-	-	2.3	-	195g of rod 3.9mm Øx100mm
IMN Ag10/1	Silver	-	-	11	-	-	2 rods,6mm Øx100mm 10
BCR 275	Zircaloy-4	113	-	1670	39	-	pcs 13mm Øx 1mm each
BCR 276	Zirconium	108	-	1540	41	-	100 pcs 4.5mm Øx 2mm each



C,H,N,O,S in its Steels

C,H,N,S,O IN TITANIUM

CRM	Name of the CRM	H (%)	C (%)	N (%)	O (%)	S (%)	Size
SRM 2454	C,H,N,S,O Titanium	0.0211	-	-	-	-	10g Chips
IARM 344A	C,H,N,S,O Titanium	0.016	0.011	0.006	0.11	-	65g shavings
SRM 2453a	C,H,N,S,O Titanium	0.01268	-	-	-	-	10g of 0.1g pins
SRM 2453	C,H,N,S,O Titanium	0.0114	-	-	-	-	10g Chips
NCS NS57011a	C,H,N,S,O Titanium	0.0085	-	-	-	-	10g stems
SRM 2452	C,H,N,S,O Titanium	0.00625	-	-	-	-	10g Chips
IARM 314B	C,H,N,S,O Titanium	0.0057	0.01	0.0045	0.13	0.001	65g Chips
IARM 337A	C,H,N,S,O Titanium	0.005	0.008	0.0017	0.104	0.001	65g Chips
IARM 312A	C,H,N,S,O Titanium	0.0049	0.004	0.0023	0.066	0.001	65g Chips
IARM 336B	C,H,N,S,O Titanium	0.0029	0.006	0.0016	0.101	0.002	65g Chips
IARM 174C	C,H,N,S,O Titanium	0.0027	0.0057	0.004	0.34	0.0005	65g Chips
502-867-0739-1	C,H,N,S,O Titanium	0.00254	0.0224	0.012	0.138	-	20g of 0.1g pins Chips
IARM 261A	C,H,N,S,O Titanium	0.0023	0.007	0.007	0.1	0.001	65g Chips
IARM 336A	C,H,N,S,O Titanium	0.0022	0.005	0.0015	0.102	0.002	65g Chips
IARM 311A	C,H,N,S,O Titanium	0.0021	0.009	0.012	0.083	-	65g Chips
IARM 300A	C,H,N,S,O Titanium	0.0019	0.006	0.004	0.16	-	65g Chips
IARM 280A	C,H,N,S,O Titanium	0.0015	0.005	0.0014	0.19	0.001	65g Chips
BCR 318	C,H,N,S,O Titanium	0.00122	-	-	-	-	100 discs, 7mm dia



C,H,N,O,S in its Steels

C,H,N,S,O IN TITANIUM

CRM	Name of the CRM	H (%)	C (%)	N (%)	O (%)	S (%)	Size
NCS NS57104	C,H,N,S,O Titanium	-	-	0.309	0.309	-	10g of 0.1g pine
NCS NS57103	C,H,N,S,O Titanium	-	-	0.121	0.121	-	10g of 0.1g pine
NCS NS57012	C,H,N,S,O Titanium	-	-	-	-	-	3 rods 1.5mm Øx100
BCR 024B	C,H,N,S,O Titanium	-	-	0.0608	0.0608	-	25 0.4g cubes
BCR024C	C,H,N,S,O Titanium	-	-	0.0608	0.0608	-	25 0.2g cubes
NCS NS57101	C,H,N,S,O Titanium	-	-	0.045	0.045	-	10g of 0.1g pins
NCS NS57102	C,H,N,S,O Titanium	-	-	0.073	0.073	-	10g of 0.1g pins
BCR 059B	C,H,N,S,O Titanium	-	-	0.175	0.175	-	25 Unit of 0.2g Cubes
BCR 059A	C,H,N,S,O Titanium	-	-	0.075	0.075	-	disc,26mm Øx9mm
BELOW IN SET ONLY							
NCS NS20043-1	C,H,N,S,O Titanium	0.0018	-	0.18	0.18	-	rod 100x3x2mm
NCS NS20043-2	C,H,N,S,O Titanium	0.0014	-	0.31	0.31	-	rod 100x3x2mm
NCS NS20043-3	C,H,N,S,O Titanium	0.001	-	0.13	0.13	-	rod 100x3x2mm
NCS NS20043-4	C,H,N,S,O Titanium	0.00295	-	0.16	0.16	-	rod 100x3x2mm



C,H,N,O,S in its Steels

SPECIFIC STANDARDS FOR ANALYSES BY COMBUSTION AND INFRARED

CRM	Name of the CRM	QTY	C (%)	H (%)	N (%)	O (%)	S (%)
B2250	Calcium carbonate 12%	50g	12.000	-	-	-	-
B2384	Lime stone	25g	11.700	-	-	-	0.220
B2385	Lime stone	25g	11.720	-	-	-	0.418
B2380	Lime stone	25g	11.970	-	-	-	0.044
B2383	Lime stone	25g	7.000	-	-	-	0.145
B2382	Lime stone	25g	5.870	-	-	-	0.029
B2381	Lime stone	25g	2.930	-	-	-	0.020
B2260	Zinc sulphide	50g	-	-	-	-	32.900
B2315	Met coke	50g	-	-	-	-	0.610
B2316	Met coke	50g	-	-	-	-	1.210
B2317	Met coke	50g	-	-	-	-	0.470
B1510	wrought iron chip	454g	0.001	-	-	-	0.001



C,H,N,O,S in its Steels

STANDARD STEELS FOR NITROGEN-OXYGEN ANALYZES (SOLID)						
CRM	Name of the CRM	QTY	H (%)	N (%)	O (%)	S (%)
B2409	Steel Pin standard 0.5g	50g	-	0.395	0.002	-
B2420	Steel Pin standard 0.5g	50g	-	0.383	0.058	-
B2414	Steel Pin standard 1g	100g	-	0.145	0.003	-
B2404	O/N in steel pins 0.5g	50g	-	0.144	0.003	-
B2424	O/N in steel pins 0.5g	50g	-	0.118	0.023	-
B2413	steel pin sandard 1g	100g	-	0.073	0.003	-
B2403	steel pin standard 0.5g	50g	-	0.068	0.003	-
B2418	steel pin standard 1g	100g	-	0.054	0.004	-
B2407	steel pin standard 0.5g	50g	-	0.054	0.004	-
B2417	Steel pin standard 1g	100g	-	0.021	0.004	-
B2406	steel pin standard 0.5g	50g	-	0.021	0.005	-
B2401	steel pin standard 0.5g	50g	-	0.016	0.001	-
B2411	Steel pin standard 1g	100g	-	0.015	0.000	-
B2423	O/N in steel pins 0.5g	50g	-	0.012	0.024	-
B2416	Steel pin standard 1g	100g	-	0.010	0.010	-
B2405	steel pin standard 0.5g	50g	-	0.010	0.010	-
B2415	Steel pin standard 1g	100g	-	0.006	0.011	-
B2412	O/N in steel pins 1g	100g	-	0.006	0.007	-
B2402	steel pin standard 0.5g	50g	-	0.006	0.005	-
B2400	steel pin standard 0.5g	50g	-	0.006	0.013	-
B2460	Zirconium pin 0.1g	10g	0.001	0.004	0.140	-
B2419	steel pin standard 1g	100g	-	0.002	0.001	-
B2408	steel pin standard 0.5g	50g	-	0.002	0.001	-



C,H,N,O,S in its Steels

STANDARD STEELS FOR CARBON-SULFUR ANALYZES(SOLID)							
REFERENCE	NAME	QTY	C (%)	H (%)	N (%)	O (%)	S (%)
B2510	Pin standard 0.5g	250g	2.410	-	-	-	0.091
B2524	standard pin 1g	454g	1.620	-	-	-	0.001
B2519	standard pin 1g	454g	1.060	-	-	-	0.021
B2517	standard pin 1g	454g	0.810	-	-	-	0.008
B2505	Ring standard 1g	454g	0.800	-	-	-	0.013
B2523	standard pin 1g	454g	0.738	-	-	-	0.024
B2504	Ring standard 1g	454g	0.658	-	-	-	0.011
B2507	carbon/sulfur ring 1g	454g	0.546	-	-	-	0.008
B2525	standard pin 1g	454g	0.544	-	-	-	0.010
B2516	standard pin 1g	454g	0.441	-	-	-	0.011
B2503	Ring standard 1g	454g	0.425	-	-	-	0.009
B2508	carbon/sulfur ring 1g	454g	0.271	-	-	-	0.019
B2515	carbon/sulfur pin	454g	0.190	-	-	-	0.022
B2526	Carbon/sulfur pin 1g	454g	0.168	-	-	-	0.087
B2502	Ring standard 1g	454g	0.161	-	-	-	0.022
B2520	standard pine 1g	454g	0.097	-	-	-	0.018
B2511	standard pine 0.5g	250g	0.083	-	-	-	0.238
B2518	standard pine 1g	454g	0.078	-	-	-	0.214
B2514	standard pine 1g	454g	0.064	-	-	-	0.021
B2501	Ring standard 1g	454g	0.051	-	-	-	0.017
B2521	standard pine 1g	454g	0.033	-	-	-	0.032
B2506	carbon/sulfur ring 1g	454g	0.019	-	-	-	0.014
B2513	standard pine 1g	454g	0.018	-	-	-	0.003
B2512	standard pine 0.5g	250g	0.015	-	-	-	0.262
B2522	standard pine 1g	454g	0.011	-	-	-	0.002



C,H,N,O,S in its Steels

STANDARD METALS FOR NITROGEN-OXYGEN-HYDROGEN ANALYZES (SOLID)							
CRM	Name of the CRM	QTY	C (%)	H (%)	N (%)	O (%)	S(%)
B2603	Titanium pin standard 0.1g	10g	-	0.021	0.006	0.111	-
B2602	Titanium pin standard 0.1g	10g	-	0.014	0.008	0.132	-
B2607	Titanium pins 0.1g 10g	-	-	0.011	0.009	0.135	-
B2604	Titanium pin standard 0.1g	10g	-	0.006	0.008	0.102	-
B2601	Titanium pins 0.1g 10g	-	-	0.005	0.005	0.107	-
B2606	Titanium pins 0.1g 10g	-	-	0.004	0.030	0.196	-
B2605	Titanium pins 0.1g 10g	-	-	0.003	0.006	0.125	-
B2600	Titanium pin standard 0.1g	10gH	-	0.001	0.010	0.053	-
B2633	in steel pins 1g 100g	-	-	0.0007	-	-	-
B2632	H in steel pins 1g 100g	-	-	0.0006	-	-	-
B2631	H in steel pins 1g 100g	-	-	0.0002	-	-	-
B2630	H in steel pins 1g 100g	-	-	0.0001	-	-	-
B2622	copper pin standard 1g	100g	0.002	-	-	0.032	0.001
B2621	copper pin standard 1g	100g	-	-	-	0.049	0.001
B2620	copper pin standard 1g	100g	0.002	-	-	0.001	0.001



C,H,N,O,S in its Steels

STANDARD METALS FOR CARBON-SULFUR ANALYZES (Cast iron-divided)							
CRM	Name of the CRM	QTY	C (%)	H (%)	N (%)	O (%)	S (%)
B2715	Wrought iron	454g	0.001	-	-	-	0.001
B2700	Cast iron standard	150g	0.970	-	-	-	0.010
B2716	Ore standard	30g	1.380	-	-	-	1.440
B2701	Cast iron standard	150g	2.020	-	-	-	0.012
B2709	Malleable iron standard	150g	2.790	-	-	-	0.012
B2711	Cast iron	150g	3.080	-	-	-	0.037
B2703	Cast iron standard	150g	3.090	-	-	-	0.111
B2710	Cast iron	150g	3.260	-	-	-	0.021
B2712	Cast iron	150g	3.280	-	-	-	0.055
B2704	Gray iron standard	150g	3.310	-	-	-	0.036



C,H,N,O,S in its Steels

STANDARD METALS FOR CARBON-SULFUR ANALYZER (steels-divided)							
CRM	Name of the CRM	QTY	C (%)	H (%)	N (%)	O (%)	S (%)
B2752	Chip standard	150g	0.005	-	0.004	-	0.008
B2755	steel chip	150g	0.014	-	0.086	-	0.027
B2762	steel chip	150g	0.015	-	0.068	0.012	0.023
B2765	steel chip	150g	0.019	-	0.045	-	0.016
B2763	steel chip	150g	0.019	-	0.074	-	0.027
B2756	steel chip	150g	0.054	-	0.006	-	0.01
B2764	steel chip	150g	0.121	-	0.036	-	0.022
B2761	steel chip	150g	0.154	-	0.003	-	0.112
B2750	standard chip	150g	0.176	-	0.009	-	0.024
B2759	steel chip	150g	0.204	-	0.009	-	0.028
B2753	steel chip	150g	0.389	-	0.121	-	0.094
B2758	steel chip	150g	0.424	-	0.008	-	0.031
B2751	Chip standard	150g	0.470	-	0.01	-	0.021
B2760	steel chip	150g	0.474	-	0.007	-	0.288
B2754	steel chip	150g	0.509	-	0.009	-	0.084
B2757	steel chip	150g	0.927	-	0.006	-	0.011
B2800	Tungsten carbide standard	100g	6.150	-	-	-	0.004