

## 2012 SURCHARGES (US\$/Pound)



### STAINLESS STEEL GRADES

Grade	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
15-5	\$0.75	\$0.78	\$0.84	\$0.85	\$0.81	\$0.78	\$0.75	\$0.70	\$0.66	\$0.67	\$0.71	\$0.68
16-5	\$0.72	\$0.74	\$0.81	\$0.82	\$0.77	\$0.74	\$0.71	\$0.66	\$0.61	\$0.61	\$0.64	\$0.60
16-6	\$0.84	\$0.87	\$0.95	\$0.97	\$0.90	\$0.85	\$0.82	\$0.76	\$0.71	\$0.71	\$0.76	\$0.73
17-4	\$0.74	\$0.77	\$0.83	\$0.84	\$0.80	\$0.77	\$0.74	\$0.69	\$0.65	\$0.66	\$0.70	\$0.67
17-7	\$0.83	\$0.86	\$0.94	\$0.96	\$0.89	\$0.85	\$0.81	\$0.76	\$0.71	\$0.71	\$0.76	\$0.72
302	\$0.89	\$0.92	\$1.02	\$1.04	\$0.96	\$0.91	\$0.87	\$0.82	\$0.76	\$0.76	\$0.82	\$0.79
303	\$0.92	\$0.95	\$1.05	\$1.07	\$0.98	\$0.94	\$0.89	\$0.84	\$0.78	\$0.78	\$0.85	\$0.82
304/304L	\$0.92	\$0.95	\$1.05	\$1.07	\$0.98	\$0.94	\$0.89	\$0.84	\$0.79	\$0.78	\$0.85	\$0.82
309/309S/309L	\$1.32	\$1.36	\$1.51	\$1.55	\$1.41	\$1.34	\$1.27	\$1.20	\$1.14	\$1.11	\$1.23	\$1.20
310/310S	\$1.70	\$1.75	\$1.95	\$2.01	\$1.82	\$1.73	\$1.63	\$1.55	\$1.47	\$1.43	\$1.59	\$1.56
316/316L	\$1.31	\$1.35	\$1.48	\$1.53	\$1.41	\$1.35	\$1.29	\$1.21	\$1.13	\$1.09	\$1.19	\$1.13
317/317L	\$1.47	\$1.51	\$1.66	\$1.72	\$1.59	\$1.53	\$1.45	\$1.37	\$1.28	\$1.22	\$1.33	\$1.27
321	\$0.99	\$1.02	\$1.13	\$1.15	\$1.06	\$1.00	\$0.95	\$0.90	\$0.84	\$0.84	\$0.91	\$0.88
330/330Cb	\$2.86	\$2.93	\$3.30	\$3.44	\$3.06	\$2.89	\$2.70	\$2.58	\$2.47	\$2.37	\$2.69	\$2.67
347	\$1.13	\$1.16	\$1.27	\$1.29	\$1.19	\$1.14	\$1.09	\$1.04	\$0.98	\$0.98	\$1.05	\$1.02
405/410/410Cb/416	\$0.30	\$0.32	\$0.33	\$0.32	\$0.32	\$0.31	\$0.31	\$0.27	\$0.24	\$0.27	\$0.26	\$0.22
420	\$0.28	\$0.30	\$0.31	\$0.29	\$0.29	\$0.29	\$0.29	\$0.25	\$0.22	\$0.25	\$0.24	\$0.20
420F	\$0.32	\$0.35	\$0.36	\$0.35	\$0.35	\$0.34	\$0.34	\$0.31	\$0.26	\$0.29	\$0.28	\$0.24
422	\$0.51	\$0.53	\$0.56	\$0.57	\$0.56	\$0.55	\$0.54	\$0.52	\$0.48	\$0.45	\$0.44	\$0.39
430/430F	\$0.34	\$0.36	\$0.38	\$0.36	\$0.36	\$0.36	\$0.36	\$0.32	\$0.28	\$0.31	\$0.29	\$0.26
431	\$0.45	\$0.48	\$0.51	\$0.50	\$0.48	\$0.47	\$0.46	\$0.42	\$0.38	\$0.40	\$0.41	\$0.37
440A	\$0.31	\$0.33	\$0.35	\$0.33	\$0.33	\$0.32	\$0.32	\$0.29	\$0.26	\$0.28	\$0.27	\$0.23
440C	\$0.36	\$0.38	\$0.40	\$0.39	\$0.39	\$0.38	\$0.38	\$0.35	\$0.30	\$0.32	\$0.31	\$0.27
446	\$0.38	\$0.40	\$0.41	\$0.40	\$0.41	\$0.40	\$0.40	\$0.37	\$0.33	\$0.35	\$0.34	\$0.30
A-286	\$2.19	\$2.24	\$2.51	\$2.61	\$2.34	\$2.22	\$2.08	\$1.97	\$1.88	\$1.80	\$2.03	\$2.00
Alloy 450 (XM-25)	\$1.00	\$1.03	\$1.11	\$1.13	\$1.06	\$1.03	\$0.99	\$0.93	\$0.87	\$0.87	\$0.92	\$0.88
Duplex 2205 (F51)	\$1.04	\$1.07	\$1.15	\$1.19	\$1.13	\$1.10	\$1.07	\$1.00	\$0.91	\$0.87	\$0.91	\$0.85
F6NM (415)	\$0.59	\$0.62	\$0.67	\$0.67	\$0.63	\$0.61	\$0.58	\$0.54	\$0.49	\$0.50	\$0.53	\$0.49
F91	\$0.35	\$0.38	\$0.40	\$0.38	\$0.38	\$0.37	\$0.37	\$0.33	\$0.29	\$0.31	\$0.30	\$0.26
FV520	\$0.90	\$0.93	\$1.02	\$1.04	\$0.98	\$0.94	\$0.91	\$0.85	\$0.79	\$0.77	\$0.82	\$0.78
Greek Ascology (418)	\$0.61	\$0.64	\$0.68	\$0.71	\$0.69	\$0.67	\$0.67	\$0.69	\$0.65	\$0.56	\$0.56	\$0.51
H46/403Cb+	\$0.48	\$0.51	\$0.53	\$0.52	\$0.51	\$0.50	\$0.50	\$0.46	\$0.41	\$0.43	\$0.43	\$0.38
Jethete	\$0.61	\$0.64	\$0.68	\$0.69	\$0.66	\$0.64	\$0.62	\$0.57	\$0.52	\$0.52	\$0.53	\$0.48
N32 (XM-28)	\$0.44	\$0.45	\$0.48	\$0.47	\$0.47	\$0.46	\$0.46	\$0.42	\$0.38	\$0.39	\$0.39	\$0.36
N33 (XM-29)	\$0.57	\$0.59	\$0.63	\$0.63	\$0.61	\$0.59	\$0.58	\$0.54	\$0.49	\$0.50	\$0.52	\$0.48
N40 (XM-11)	\$0.81	\$0.84	\$0.91	\$0.93	\$0.87	\$0.84	\$0.80	\$0.76	\$0.70	\$0.70	\$0.75	\$0.72
N50 (XM-19)	\$1.43	\$1.46	\$1.60	\$1.66	\$1.53	\$1.47	\$1.41	\$1.33	\$1.24	\$1.19	\$1.30	\$1.25
N60 (Alloy 218)	\$0.89	\$0.91	\$1.00	\$1.03	\$0.95	\$0.91	\$0.87	\$0.82	\$0.76	\$0.76	\$0.82	\$0.79

**NOTE:** Customer specifications which require melt aims differing from standard AISI ranges may carry higher or lower surcharges than shown above.

Surcharges are based on a two month lag with the Applied Rates and Bases for the strategic elements listed below:

Element	Base	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12
Chromium	\$0.40	\$1.11	\$1.12	\$1.14	\$1.16	\$1.18	\$1.19	\$1.19	\$1.18	\$1.12	\$1.08	\$1.05	\$1.02
Cobalt	\$7.00	\$15.19	\$15.13	\$15.77	\$16.24	\$15.13	\$15.75	\$16.00	\$15.33	\$14.03	\$13.68	\$14.63	\$14.20
Columbium	\$7.00	\$23.75	\$23.75	\$23.75	\$23.75	\$23.75	\$23.75	\$23.75	\$23.75	\$23.75	\$23.75	\$23.75	\$23.75
Copper	\$1.00	\$3.43	\$3.43	\$3.65	\$3.82	\$3.84	\$3.75	\$3.59	\$3.37	\$3.44	\$3.40	\$3.66	\$3.66
Iron	\$0.054	\$0.205	\$0.225	\$0.235	\$0.214	\$0.212	\$0.203	\$0.203	\$0.176	\$0.151	\$0.188	\$0.180	\$0.151
Manganese	\$0.27	\$0.59	\$0.54	\$0.50	\$0.54	\$0.62	\$0.63	\$0.64	\$0.61	\$0.57	\$0.55	\$0.55	\$0.54
Molybdenum	\$5.00	\$13.35	\$13.38	\$13.88	\$14.61	\$14.18	\$14.19	\$13.97	\$13.32	\$12.55	\$11.36	\$11.71	\$10.96
Nickel	\$3.00	\$8.49	\$8.61	\$9.37	\$9.66	\$8.87	\$8.50	\$8.10	\$7.88	\$7.71	\$7.48	\$8.19	\$8.20
Titanium	\$3.50	\$3.66	\$3.51	\$3.51	\$3.75	\$3.68	\$3.65	\$3.62	\$3.43	\$3.33	\$3.21	\$3.23	\$3.21
Tungsten	\$16.50	\$22.00	\$22.94	\$23.12	\$24.50	\$24.50	\$24.50	\$24.63	\$26.30	\$26.50	\$22.90	\$22.63	\$22.00
Vanadium	\$16.50	\$14.13	\$13.77	\$13.73	\$13.83	\$14.78	\$15.47	\$14.84	\$14.93	\$14.50	\$14.30	\$13.63	\$12.96
Natural Gas	\$6.00	\$3.60	\$3.36	\$3.08	\$2.68	\$2.45	\$2.19	\$2.04	\$2.43	\$2.77	\$3.01	\$2.63	\$3.02

## 2012 SURCHARGES (US\$/Pound)



### LOW ALLOY GRADES

Grade	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
300M	\$0.48	\$0.52	\$0.56	\$0.54	\$0.51	\$0.49	\$0.47	\$0.42	\$0.37	\$0.41	\$0.42	\$0.37
4330	\$0.48	\$0.52	\$0.56	\$0.54	\$0.51	\$0.49	\$0.47	\$0.42	\$0.37	\$0.41	\$0.42	\$0.37
4340	\$0.46	\$0.50	\$0.54	\$0.52	\$0.49	\$0.46	\$0.45	\$0.40	\$0.35	\$0.39	\$0.40	\$0.35
4620	\$0.44	\$0.48	\$0.52	\$0.50	\$0.47	\$0.45	\$0.43	\$0.38	\$0.33	\$0.38	\$0.39	\$0.34
6150	\$0.26	\$0.29	\$0.31	\$0.28	\$0.28	\$0.26	\$0.26	\$0.22	\$0.18	\$0.23	\$0.22	\$0.17
9310	\$0.55	\$0.59	\$0.65	\$0.63	\$0.59	\$0.55	\$0.53	\$0.48	\$0.43	\$0.47	\$0.50	\$0.45
9430	\$1.67	\$1.71	\$1.87	\$1.93	\$1.74	\$1.72	\$1.69	\$1.56	\$1.39	\$1.37	\$1.52	\$1.44
52-100	\$0.27	\$0.30	\$0.32	\$0.29	\$0.28	\$0.27	\$0.27	\$0.22	\$0.18	\$0.24	\$0.23	\$0.18
D6AC	\$0.45	\$0.48	\$0.51	\$0.50	\$0.48	\$0.46	\$0.46	\$0.40	\$0.34	\$0.38	\$0.38	\$0.32
HyTuf	\$0.48	\$0.51	\$0.55	\$0.54	\$0.51	\$0.48	\$0.47	\$0.42	\$0.36	\$0.41	\$0.42	\$0.37
Nitriding 135	\$0.32	\$0.35	\$0.37	\$0.34	\$0.34	\$0.32	\$0.32	\$0.27	\$0.23	\$0.28	\$0.27	\$0.21

**NOTE:** Customer specifications which require melt aims differing from standard AISI ranges may carry higher or lower surcharges than shown above.

### TOOL STEEL GRADES

Grade	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A2	\$0.46	\$0.49	\$0.51	\$0.50	\$0.49	\$0.48	\$0.47	\$0.42	\$0.36	\$0.39	\$0.38	\$0.32
A6	\$0.42	\$0.46	\$0.48	\$0.46	\$0.45	\$0.44	\$0.44	\$0.38	\$0.32	\$0.36	\$0.35	\$0.29
A7	\$0.48	\$0.51	\$0.53	\$0.52	\$0.51	\$0.50	\$0.50	\$0.45	\$0.39	\$0.41	\$0.40	\$0.34
A9	\$0.64	\$0.67	\$0.72	\$0.71	\$0.68	\$0.66	\$0.65	\$0.58	\$0.52	\$0.53	\$0.54	\$0.48
Chipper	\$0.53	\$0.56	\$0.59	\$0.58	\$0.57	\$0.56	\$0.55	\$0.50	\$0.43	\$0.45	\$0.44	\$0.38
D2	\$0.48	\$0.51	\$0.53	\$0.52	\$0.51	\$0.50	\$0.50	\$0.45	\$0.39	\$0.42	\$0.41	\$0.35
H11	\$0.48	\$0.51	\$0.54	\$0.52	\$0.51	\$0.50	\$0.49	\$0.44	\$0.38	\$0.40	\$0.40	\$0.33
H13	\$0.48	\$0.51	\$0.54	\$0.52	\$0.51	\$0.50	\$0.49	\$0.44	\$0.38	\$0.40	\$0.40	\$0.33
L6	\$0.46	\$0.49	\$0.54	\$0.51	\$0.49	\$0.46	\$0.45	\$0.40	\$0.35	\$0.39	\$0.40	\$0.35
M2	\$1.60	\$1.63	\$1.70	\$1.87	\$1.84	\$1.83	\$1.82	\$1.90	\$1.81	\$1.40	\$1.39	\$1.22
M50	\$0.85	\$0.88	\$0.93	\$0.95	\$0.92	\$0.91	\$0.89	\$0.81	\$0.71	\$0.68	\$0.69	\$0.60
O1	\$0.31	\$0.34	\$0.36	\$0.34	\$0.34	\$0.32	\$0.32	\$0.29	\$0.25	\$0.28	\$0.27	\$0.21
O6	\$0.29	\$0.32	\$0.34	\$0.31	\$0.30	\$0.29	\$0.29	\$0.24	\$0.20	\$0.25	\$0.24	\$0.19
S5	\$0.32	\$0.35	\$0.37	\$0.34	\$0.34	\$0.32	\$0.32	\$0.27	\$0.22	\$0.27	\$0.26	\$0.21
S7	\$0.49	\$0.53	\$0.56	\$0.54	\$0.53	\$0.52	\$0.51	\$0.45	\$0.39	\$0.41	\$0.41	\$0.34

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### CONVERSION SERVICES

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Energy	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Surcharges are based on a two month lag with the Applied Rates and Bases for the strategic elements listed below:

Element	Base	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12
Chromium	\$0.40	\$1.11	\$1.12	\$1.14	\$1.16	\$1.18	\$1.19	\$1.19	\$1.18	\$1.12	\$1.08	\$1.05	\$1.02
Cobalt	\$7.00	\$15.19	\$15.13	\$15.77	\$16.24	\$15.13	\$15.75	\$16.00	\$15.33	\$14.03	\$13.68	\$14.63	\$14.20
Columbium	\$7.00	\$23.75	\$23.75	\$23.75	\$23.75	\$23.75	\$23.75	\$23.75	\$23.75	\$23.75	\$23.75	\$23.75	\$23.75
Copper	\$1.00	\$3.43	\$3.43	\$3.65	\$3.82	\$3.84	\$3.75	\$3.59	\$3.37	\$3.44	\$3.40	\$3.66	\$3.66
Iron	\$0.054	\$0.205	\$0.225	\$0.235	\$0.214	\$0.212	\$0.203	\$0.203	\$0.176	\$0.151	\$0.188	\$0.180	\$0.151
Manganese	\$0.27	\$0.59	\$0.54	\$0.50	\$0.54	\$0.62	\$0.63	\$0.64	\$0.61	\$0.57	\$0.55	\$0.55	\$0.54
Molybdenum	\$5.00	\$13.35	\$13.38	\$13.88	\$14.61	\$14.18	\$14.19	\$13.97	\$13.32	\$12.55	\$11.36	\$11.71	\$10.96
Nickel	\$3.00	\$8.49	\$8.61	\$9.37	\$9.66	\$8.87	\$8.50	\$8.10	\$7.88	\$7.71	\$7.48	\$8.19	\$8.20
Titanium	\$3.50	\$3.66	\$3.51	\$3.51	\$3.75	\$3.68	\$3.65	\$3.62	\$3.43	\$3.33	\$3.21	\$3.23	\$3.21
Tungsten	\$16.50	\$22.00	\$22.94	\$23.12	\$24.50	\$24.50	\$24.50	\$24.63	\$26.30	\$26.50	\$22.90	\$22.63	\$22.00
Vanadium	\$16.50	\$14.13	\$13.77	\$13.73	\$13.83	\$14.78	\$15.47	\$14.84	\$14.93	\$14.50	\$14.30	\$13.63	\$12.96
Natural Gas	\$6.00	\$3.60	\$3.36	\$3.08	\$2.68	\$2.45	\$2.19	\$2.04	\$2.43	\$2.77	\$3.01	\$2.63	\$3.02

## 2012 SURCHARGES (US\$/Pound)



### VIM MELTED GRADES

Grade	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
13-8	\$1.68	\$1.70	\$1.77	\$1.78	\$1.69	\$1.64	\$1.59	\$1.52	\$1.47	\$1.49	\$1.49	\$1.44
4340	\$0.57	\$0.62	\$0.66	\$0.62	\$0.59	\$0.56	\$0.55	\$0.48	\$0.42	\$0.50	\$0.49	\$0.42
9310	\$0.66	\$0.71	\$0.76	\$0.72	\$0.69	\$0.65	\$0.63	\$0.56	\$0.49	\$0.57	\$0.57	\$0.50
M50	\$1.26	\$1.28	\$1.30	\$1.28	\$1.27	\$1.25	\$1.23	\$1.15	\$1.09	\$1.17	\$1.09	\$1.00

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Surcharges are based on a two month lag with the Applied Rates and Bases for the strategic elements listed below:

Element	Base	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12
Chromium	\$2.75	\$6.53	\$6.50	\$6.38	\$6.30	\$6.28	\$6.28	\$6.23	\$6.20	\$6.10	\$6.16	\$5.95	\$5.83
Cobalt	\$7.00	\$15.19	\$15.10	\$15.66	\$16.24	\$15.13	\$15.75	\$16.00	\$15.33	\$14.03	\$13.68	\$14.63	\$14.20
Columbium	\$29.00	\$60.00	\$60.00	\$60.00	\$60.00	\$60.00	\$60.00	\$60.00	\$60.00	\$60.00	\$60.00	\$60.00	\$60.00
Copper	\$1.60	\$3.44	\$3.43	\$3.67	\$3.85	\$3.84	\$3.71	\$3.57	\$3.35	\$3.43	\$3.42	\$3.72	\$3.68
Iron	\$0.054	\$0.205	\$0.226	\$0.235	\$0.214	\$0.212	\$0.203	\$0.203	\$0.176	\$0.151	\$0.188	\$0.180	\$0.151
Manganese	\$1.50	\$1.86	\$1.80	\$1.70	\$1.62	\$1.61	\$1.62	\$1.63	\$1.58	\$1.58	\$1.56	\$1.54	\$1.49
Molybdenum	\$5.00	\$19.00	\$18.50	\$18.63	\$19.13	\$19.00	\$19.00	\$18.75	\$18.38	\$18.38	\$18.38	\$17.38	\$17.00
Nickel	\$3.00	\$8.49	\$8.61	\$9.37	\$9.66	\$8.87	\$8.50	\$8.10	\$7.88	\$7.71	\$7.48	\$8.19	\$8.20
Titanium	\$9.00	\$5.33	\$5.33	\$5.56	\$5.58	\$5.76	\$6.20	\$5.84	\$5.58	\$5.44	\$5.40	\$4.99	\$5.02
Tungsten	\$12.00	\$30.13	\$30.13	\$30.00	\$29.50	\$28.75	\$28.50	\$28.00	\$28.00	\$27.50	\$27.15	\$25.50	\$25.00
Vanadium	\$16.50	\$14.13	\$13.80	\$13.69	\$13.88	\$14.78	\$15.47	\$14.84	\$14.93	\$14.50	\$14.30	\$13.63	\$12.96
Natural Gas	\$6.00	\$3.86	\$3.76	\$3.08	\$2.68	\$2.45	\$2.19	\$2.04	\$2.43	\$2.77	\$3.01	\$2.63	\$3.02