

# Raw Material and Energy Surcharges for 2009--USD/lb



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<b>STAINLESS STEELS</b>												
<u>Alloy Description</u>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
15-15HS® Stainless	\$0.50	\$0.46	\$0.43	\$0.39	\$0.32	\$0.38	\$0.45	\$0.52	\$0.69	\$0.65	\$0.59	\$0.53
15-15LC® Modified Stainless	\$0.49	\$0.45	\$0.43	\$0.38	\$0.32	\$0.38	\$0.45	\$0.52	\$0.69	\$0.65	\$0.59	\$0.53
20Cb-3® Stainless	\$1.25	\$1.51	\$1.31	\$1.17	\$1.42	\$1.75	\$2.23	\$2.53	\$3.38	\$2.92	\$3.05	\$2.72
20Mo-6® Stainless	\$1.54	\$1.79	\$1.57	\$1.37	\$1.60	\$2.00	\$2.53	\$2.90	\$3.94	\$3.36	\$3.43	\$3.03
302HQ-FM® Stainless	\$0.44	\$0.48	\$0.41	\$0.35	\$0.39	\$0.48	\$0.60	\$0.70	\$0.90	\$0.82	\$0.86	\$0.77
316L-SCQ® Stainless	\$0.70	\$0.75	\$0.66	\$0.57	\$0.64	\$0.78	\$0.97	\$1.14	\$1.53	\$1.33	\$1.33	\$1.18
Carpenter 13-8 Stainless	\$0.53	\$0.60	\$0.52	\$0.44	\$0.47	\$0.59	\$0.72	\$0.85	\$1.15	\$1.00	\$0.99	\$0.88
Carpenter 15Cr-5Ni	\$0.32	\$0.35	\$0.30	\$0.26	\$0.28	\$0.34	\$0.41	\$0.48	\$0.62	\$0.58	\$0.59	\$0.55
Carpenter 18Cr-2Ni-12Mn	\$0.35	\$0.33	\$0.30	\$0.26	\$0.22	\$0.25	\$0.29	\$0.35	\$0.43	\$0.43	\$0.41	\$0.38
Carpenter 18Cr-3Ni-12Mn	\$0.39	\$0.39	\$0.35	\$0.30	\$0.29	\$0.34	\$0.40	\$0.47	\$0.58	\$0.57	\$0.56	\$0.51
Carpenter 21Cr-6Ni-9Mn	\$0.46	\$0.47	\$0.43	\$0.36	\$0.38	\$0.45	\$0.55	\$0.64	\$0.81	\$0.74	\$0.76	\$0.69
Carpenter 22Cr-13Ni-5Mn	\$0.76	\$0.82	\$0.72	\$0.63	\$0.68	\$0.84	\$1.04	\$1.19	\$1.59	\$1.41	\$1.41	\$1.26
Carpenter 275 Stainless	\$0.50	\$0.59	\$0.52	\$0.43	\$0.49	\$0.61	\$0.78	\$0.91	\$1.19	\$1.04	\$1.07	\$0.96
Carpenter 302HQ-SFQ Stainless	\$0.44	\$0.48	\$0.41	\$0.35	\$0.39	\$0.48	\$0.60	\$0.70	\$0.90	\$0.82	\$0.86	\$0.77
Carpenter Custom 631 (17Cr-7Ni) AISI Type 631	\$0.37	\$0.40	\$0.35	\$0.29	\$0.32	\$0.39	\$0.49	\$0.58	\$0.73	\$0.66	\$0.69	\$0.62
Carpenter Stainless 15-7PH	\$0.52	\$0.57	\$0.50	\$0.43	\$0.44	\$0.55	\$0.68	\$0.81	\$1.09	\$0.95	\$0.94	\$0.83
Carpenter Stainless Custom 630 (17Cr-4Ni)	\$0.33	\$0.33	\$0.29	\$0.26	\$0.29	\$0.33	\$0.40	\$0.47	\$0.59	\$0.56	\$0.57	\$0.54
Carpenter Stainless No. 5-F (Type 416 Mod)	\$0.18	\$0.16	\$0.15	\$0.11	\$0.07	\$0.10	\$0.09	\$0.15	\$0.17	\$0.18	\$0.17	\$0.15
Carpenter Stainless Type 302	\$0.44	\$0.48	\$0.41	\$0.35	\$0.39	\$0.48	\$0.60	\$0.70	\$0.90	\$0.82	\$0.86	\$0.77
Carpenter Stainless Type 302/304/304L	\$0.44	\$0.48	\$0.41	\$0.35	\$0.39	\$0.48	\$0.60	\$0.70	\$0.90	\$0.82	\$0.86	\$0.77
Carpenter Stainless Type 303	\$0.44	\$0.48	\$0.41	\$0.35	\$0.39	\$0.48	\$0.60	\$0.70	\$0.90	\$0.82	\$0.86	\$0.77
Carpenter Stainless Type 303 Se	\$0.44	\$0.48	\$0.41	\$0.35	\$0.39	\$0.48	\$0.60	\$0.70	\$0.90	\$0.82	\$0.86	\$0.77
Carpenter Stainless Type 304/304L	\$0.45	\$0.50	\$0.42	\$0.35	\$0.41	\$0.50	\$0.62	\$0.72	\$0.93	\$0.84	\$0.88	\$0.79
Carpenter Stainless Type 305	\$0.50	\$0.57	\$0.49	\$0.41	\$0.49	\$0.59	\$0.75	\$0.87	\$1.12	\$1.00	\$1.06	\$0.94
Carpenter Stainless Type 309	\$0.58	\$0.66	\$0.56	\$0.48	\$0.56	\$0.68	\$0.87	\$1.00	\$1.29	\$1.15	\$1.22	\$1.09
Carpenter Stainless Type 310	\$0.78	\$0.90	\$0.77	\$0.66	\$0.80	\$0.98	\$1.26	\$1.43	\$1.87	\$1.63	\$1.75	\$1.57
Carpenter Stainless Type 316/316L	\$0.70	\$0.76	\$0.67	\$0.58	\$0.64	\$0.78	\$0.97	\$1.14	\$1.53	\$1.34	\$1.34	\$1.19
Carpenter Stainless Type 316L	\$0.70	\$0.76	\$0.67	\$0.58	\$0.64	\$0.78	\$0.97	\$1.14	\$1.53	\$1.34	\$1.34	\$1.19
Carpenter Stainless Type 321	\$0.48	\$0.53	\$0.46	\$0.39	\$0.44	\$0.54	\$0.68	\$0.79	\$1.02	\$0.92	\$0.97	\$0.87
Carpenter Stainless Type 347	\$0.49	\$0.54	\$0.46	\$0.39	\$0.46	\$0.56	\$0.71	\$0.82	\$1.06	\$0.94	\$1.00	\$0.89
Carpenter Stainless Type 403	\$0.19	\$0.15	\$0.14	\$0.11	\$0.08	\$0.09	\$0.09	\$0.14	\$0.17	\$0.17	\$0.16	\$0.15
Carpenter Stainless Type 410	\$0.19	\$0.15	\$0.14	\$0.11	\$0.08	\$0.09	\$0.09	\$0.14	\$0.17	\$0.17	\$0.16	\$0.15
Carpenter Stainless Type 416	\$0.18	\$0.16	\$0.15	\$0.11	\$0.07	\$0.10	\$0.09	\$0.15	\$0.17	\$0.18	\$0.17	\$0.15
Carpenter Stainless Type 416 (No. 5)	\$0.18	\$0.16	\$0.15	\$0.11	\$0.07	\$0.10	\$0.09	\$0.15	\$0.17	\$0.18	\$0.17	\$0.15
Carpenter Stainless Type 416 RS	\$0.18	\$0.16	\$0.15	\$0.11	\$0.07	\$0.10	\$0.09	\$0.15	\$0.17	\$0.18	\$0.17	\$0.15
Carpenter Stainless Type 416BQ (No. 5BQ)	\$0.18	\$0.16	\$0.15	\$0.11	\$0.07	\$0.10	\$0.09	\$0.15	\$0.17	\$0.18	\$0.17	\$0.15
Carpenter Stainless Type 420	\$0.18	\$0.16	\$0.15	\$0.11	\$0.07	\$0.10	\$0.09	\$0.15	\$0.17	\$0.18	\$0.17	\$0.15
Carpenter Stainless Type 420 Mod	\$0.18	\$0.16	\$0.15	\$0.11	\$0.07	\$0.10	\$0.09	\$0.15	\$0.17	\$0.18	\$0.17	\$0.15
Carpenter Stainless Type 420F	\$0.18	\$0.16	\$0.15	\$0.11	\$0.07	\$0.10	\$0.09	\$0.15	\$0.17	\$0.18	\$0.17	\$0.15
Carpenter Stainless Type 430	\$0.21	\$0.17	\$0.15	\$0.12	\$0.09	\$0.11	\$0.11	\$0.17	\$0.18	\$0.19	\$0.18	\$0.16
Carpenter Stainless Type 430F	\$0.21	\$0.17	\$0.15	\$0.12	\$0.09	\$0.11	\$0.11	\$0.17	\$0.18	\$0.19	\$0.18	\$0.16
Carpenter Stainless Type 430FR	\$0.21	\$0.17	\$0.15	\$0.12	\$0.09	\$0.11	\$0.11	\$0.17	\$0.18	\$0.19	\$0.18	\$0.16
Carpenter Stainless Type 431	\$0.25	\$0.22	\$0.19	\$0.16	\$0.15	\$0.18	\$0.21	\$0.26	\$0.32	\$0.31	\$0.31	\$0.28
Carpenter Stainless Type 434	\$0.29	\$0.25	\$0.22	\$0.19	\$0.15	\$0.17	\$0.20	\$0.27	\$0.35	\$0.33	\$0.29	\$0.27
Carpenter Stainless Type 440A	\$0.21	\$0.17	\$0.15	\$0.12	\$0.09	\$0.11	\$0.11	\$0.17	\$0.18	\$0.19	\$0.18	\$0.16
Carpenter Stainless Type 440C	\$0.21	\$0.17	\$0.15	\$0.12	\$0.09	\$0.11	\$0.11	\$0.17	\$0.18	\$0.19	\$0.18	\$0.16
Carpenter Stainless Type 440F-Se	\$0.21	\$0.17	\$0.15	\$0.12	\$0.09	\$0.11	\$0.11	\$0.17	\$0.18	\$0.19	\$0.18	\$0.16
Carpenter Stainless Type 446	\$0.26	\$0.20	\$0.18	\$0.14	\$0.11	\$0.13	\$0.14	\$0.19	\$0.21	\$0.23	\$0.21	\$0.20
Carpenter Type 204-Cu Stainless	\$0.40	\$0.39	\$0.34	\$0.31	\$0.31	\$0.38	\$0.43	\$0.50	\$0.65	\$0.61	\$0.59	\$0.54
Consumet Type 304L-SCQ	\$0.44	\$0.48	\$0.41	\$0.35	\$0.39	\$0.48	\$0.60	\$0.70	\$0.90	\$0.82	\$0.86	\$0.77
Custom 450® Stainless	\$0.41	\$0.44	\$0.38	\$0.33	\$0.34	\$0.41	\$0.52	\$0.63	\$0.81	\$0.74	\$0.73	\$0.66
Custom 455® Stainless	\$0.38	\$0.45	\$0.39	\$0.34	\$0.39	\$0.47	\$0.60	\$0.69	\$0.88	\$0.80	\$0.83	\$0.76
Custom 465® Stainless	\$0.50	\$0.58	\$0.51	\$0.44	\$0.50	\$0.61	\$0.78	\$0.90	\$1.20	\$1.04	\$1.08	\$0.95
Custom 475™ Stainless	\$0.72	\$1.11	\$0.69	\$0.59	\$0.73	\$0.87	\$0.94	\$1.54	\$2.15	\$1.89	\$1.62	\$1.97
Custom Flo 302HQ Stainless	\$0.44	\$0.48	\$0.41	\$0.35	\$0.39	\$0.48	\$0.60	\$0.70	\$0.90	\$0.82	\$0.86	\$0.77
Enduramet 2205 Stainless	\$0.62	\$0.60	\$0.54	\$0.48	\$0.48	\$0.57	\$0.69	\$0.83	\$1.12	\$0.99	\$0.93	\$0.83
Gall-Tough® PLUS Stainless / UNS S21800	\$0.57	\$0.62	\$0.55	\$0.46	\$0.50	\$0.61	\$0.73	\$0.86	\$1.14	\$1.01	\$0.99	\$0.90

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Alloy Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Gall-Tough® Stainless	\$0.37	\$0.37	\$0.33	\$0.29	\$0.30	\$0.35	\$0.44	\$0.51	\$0.64	\$0.59	\$0.60	\$0.53
Project 70+® 15Cr-5Ni Stainless	\$0.32	\$0.35	\$0.30	\$0.26	\$0.28	\$0.34	\$0.41	\$0.48	\$0.62	\$0.58	\$0.59	\$0.55
Project 70+® Custom 630 Stainless	\$0.33	\$0.33	\$0.29	\$0.26	\$0.29	\$0.33	\$0.40	\$0.47	\$0.59	\$0.56	\$0.57	\$0.54
Project 70+® Type 303 Escomatic Quality	\$0.44	\$0.48	\$0.41	\$0.35	\$0.39	\$0.48	\$0.60	\$0.70	\$0.90	\$0.82	\$0.86	\$0.77
Project 70+® Type 303 Stainless	\$0.44	\$0.48	\$0.41	\$0.35	\$0.39	\$0.48	\$0.60	\$0.70	\$0.90	\$0.82	\$0.86	\$0.77
Project 70+® Type 304/304L Stainless	\$0.45	\$0.50	\$0.42	\$0.35	\$0.41	\$0.50	\$0.62	\$0.72	\$0.93	\$0.84	\$0.88	\$0.79
Project 70+® Type 316/316L Stainless	\$0.70	\$0.76	\$0.67	\$0.58	\$0.64	\$0.78	\$0.97	\$1.14	\$1.53	\$1.34	\$1.34	\$1.19
Project 70+® Type 416 Stainless	\$0.18	\$0.16	\$0.15	\$0.11	\$0.07	\$0.10	\$0.09	\$0.15	\$0.17	\$0.18	\$0.17	\$0.15
Pyrowear® 675 Stainless	\$0.45	\$0.64	\$0.38	\$0.32	\$0.35	\$0.42	\$0.42	\$0.80	\$1.07	\$0.99	\$0.81	\$1.06
Stainless Type 304H	\$0.45	\$0.50	\$0.42	\$0.35	\$0.41	\$0.50	\$0.62	\$0.72	\$0.93	\$0.84	\$0.88	\$0.79
Stainless Type 410 Mod	\$0.19	\$0.15	\$0.14	\$0.11	\$0.08	\$0.09	\$0.09	\$0.14	\$0.17	\$0.17	\$0.16	\$0.15
TrimRite® Stainless	\$0.25	\$0.22	\$0.20	\$0.17	\$0.14	\$0.18	\$0.19	\$0.26	\$0.32	\$0.30	\$0.30	\$0.25
Type 409Cb Stainless	\$0.17	\$0.15	\$0.13	\$0.10	\$0.08	\$0.09	\$0.09	\$0.14	\$0.16	\$0.16	\$0.15	\$0.14
Type 409Cb High Nickel Stainless	\$0.19	\$0.18	\$0.16	\$0.12	\$0.11	\$0.13	\$0.14	\$0.19	\$0.23	\$0.23	\$0.22	\$0.20

## AEROSPACE AND HIGH-TEMPERATURE ALLOYS

Alloy Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A-286 Alloy	\$0.96	\$1.17	\$0.99	\$0.85	\$1.02	\$1.26	\$1.62	\$1.84	\$2.45	\$2.11	\$2.22	\$1.97
AMS 5842 Alloy	\$4.68	\$6.27	\$4.55	\$3.83	\$4.98	\$5.25	\$5.08	\$7.33	\$8.95	\$8.34	\$7.50	\$9.27
Carpenter 636	\$0.43	\$0.38	\$0.31	\$0.25	\$0.21	\$0.25	\$0.28	\$0.39	\$0.48	\$0.44	\$0.42	\$0.37
Carpenter Greek Ascoloy	\$0.69	\$0.62	\$0.56	\$0.54	\$0.54	\$0.57	\$0.59	\$0.65	\$0.71	\$0.70	\$0.69	\$0.63
Carpenter L-605 Alloy	\$7.28	\$9.01	\$6.65	\$5.85	\$7.46	\$7.47	\$6.72	\$9.53	\$10.75	\$10.47	\$9.35	\$12.12
Carpenter Waspaloy	\$3.20	\$4.13	\$3.20	\$2.72	\$3.46	\$3.99	\$4.59	\$5.76	\$7.47	\$6.59	\$6.52	\$6.75
Pyromet® Alloy 350	\$0.52	\$0.52	\$0.47	\$0.40	\$0.41	\$0.50	\$0.60	\$0.72	\$1.00	\$0.86	\$0.82	\$0.72
Pyromet® Alloy 355	\$0.51	\$0.53	\$0.47	\$0.40	\$0.40	\$0.50	\$0.59	\$0.72	\$0.99	\$0.85	\$0.81	\$0.71
Pyromet® Alloy 41	\$3.51	\$4.32	\$3.49	\$3.03	\$3.62	\$4.20	\$4.86	\$6.00	\$7.89	\$6.90	\$6.75	\$6.76
Pyromet® Alloy 600	\$1.72	\$2.28	\$1.87	\$1.57	\$2.05	\$2.65	\$3.62	\$4.08	\$5.60	\$4.70	\$5.13	\$4.50
Pyromet® Alloy 625	\$2.83	\$3.23	\$2.83	\$2.53	\$2.82	\$3.46	\$4.40	\$4.98	\$6.76	\$5.73	\$5.91	\$5.22
Pyromet® Alloy 680	\$2.87	\$3.18	\$2.79	\$2.50	\$2.70	\$3.22	\$3.94	\$4.53	\$6.04	\$5.19	\$5.24	\$4.77
Pyromet® Alloy 706	\$1.43	\$1.71	\$1.45	\$1.28	\$1.47	\$1.83	\$2.38	\$2.66	\$3.53	\$3.02	\$3.26	\$2.89
Pyromet® Alloy 718	\$2.00	\$2.34	\$2.03	\$1.79	\$2.05	\$2.52	\$3.26	\$3.66	\$4.92	\$4.19	\$4.44	\$3.92
Pyromet® Alloy 720	\$3.12	\$4.10	\$3.14	\$2.65	\$3.47	\$3.96	\$4.51	\$5.71	\$7.36	\$6.52	\$6.45	\$6.76
Pyromet® Alloy 80A	\$1.98	\$2.52	\$2.11	\$1.81	\$2.27	\$2.88	\$3.87	\$4.33	\$5.88	\$4.97	\$5.41	\$4.76
Pyromet® Alloy 882	\$0.31	\$0.31	\$0.25	\$0.22	\$0.20	\$0.23	\$0.24	\$0.32	\$0.42	\$0.37	\$0.34	\$0.30
Pyromet® Alloy 901	\$1.83	\$2.12	\$1.84	\$1.63	\$1.83	\$2.28	\$2.92	\$3.31	\$4.53	\$3.84	\$3.95	\$3.49
Pyromet® Alloy CTX-1	\$1.61	\$2.61	\$1.73	\$1.32	\$2.14	\$2.44	\$2.70	\$3.75	\$4.87	\$4.35	\$4.22	\$4.77
Pyromet® Alloy CTX-3	\$1.49	\$2.46	\$1.62	\$1.24	\$2.01	\$2.30	\$2.57	\$3.57	\$4.64	\$4.13	\$4.03	\$4.52
Pyromet® Alloy CTX-909	\$1.49	\$2.46	\$1.62	\$1.24	\$2.01	\$2.30	\$2.57	\$3.57	\$4.64	\$4.13	\$4.03	\$4.52
Pyromet® Alloy X-750	\$1.69	\$2.24	\$1.83	\$1.55	\$2.01	\$2.60	\$3.54	\$3.98	\$5.46	\$4.59	\$5.01	\$4.39
Pyrowear® Alloy 53	\$0.41	\$0.45	\$0.37	\$0.32	\$0.31	\$0.37	\$0.44	\$0.56	\$0.79	\$0.68	\$0.62	\$0.53
Thermo-Span® Alloy	\$2.75	\$4.19	\$2.77	\$2.19	\$3.28	\$3.45	\$3.30	\$5.03	\$6.13	\$5.74	\$5.20	\$6.70

## MAGNETIC, CONTROLLED EXPANSION, ELECTRICAL AND ELECTRONIC ALLOYS

Alloy Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
485 Alloy	\$1.30	\$1.74	\$1.46	\$1.25	\$1.63	\$2.03	\$2.65	\$2.95	\$3.94	\$3.36	\$3.64	\$3.22
Carpenter 22-3 High Thermal Expansion Alloy	\$0.66	\$0.89	\$0.73	\$0.62	\$0.78	\$0.97	\$1.27	\$1.43	\$1.90	\$1.63	\$1.76	\$1.56
Carpenter Electrical Iron	\$0.12	\$0.14	\$0.10	\$0.07	\$0.05	\$0.06	\$0.06	\$0.10	\$0.12	\$0.12	\$0.11	\$0.10
Carpenter Glass Sealing "42-6"	\$1.18	\$1.58	\$1.33	\$1.13	\$1.47	\$1.84	\$2.40	\$2.67	\$3.56	\$3.04	\$3.28	\$2.92
Carpenter Glass Sealing 42	\$1.11	\$1.50	\$1.25	\$1.08	\$1.40	\$1.75	\$2.30	\$2.55	\$3.41	\$2.92	\$3.15	\$2.79
Carpenter Glass Sealing 52	\$1.34	\$1.82	\$1.52	\$1.31	\$1.72	\$2.15	\$2.81	\$3.12	\$4.18	\$3.56	\$3.86	\$3.41
Carpenter High Permeability "49"® Alloy	\$1.27	\$1.74	\$1.46	\$1.25	\$1.64	\$2.05	\$2.68	\$2.98	\$3.98	\$3.40	\$3.67	\$3.25
Carpenter HyMu "80"® Alloy	\$2.36	\$3.11	\$2.65	\$2.30	\$2.95	\$3.67	\$4.78	\$5.33	\$7.21	\$6.12	\$6.49	\$5.73
Carpenter HyMu "80"® Mark II Alloy	\$2.36	\$3.11	\$2.65	\$2.30	\$2.95	\$3.67	\$4.78	\$5.33	\$7.21	\$6.12	\$6.49	\$5.73
Carpenter HyMu "80"® Mark III Alloy	\$2.36	\$3.11	\$2.65	\$2.30	\$2.95	\$3.67	\$4.78	\$5.33	\$7.21	\$6.12	\$6.49	\$5.73
Carpenter HyMu "800"	\$2.42	\$3.17	\$2.70	\$2.35	\$3.00	\$3.73	\$4.85	\$5.41	\$7.34	\$6.23	\$6.58	\$5.81
Carpenter Invar 36 Alloy	\$0.98	\$1.33	\$1.12	\$0.95	\$1.25	\$1.54	\$2.02	\$2.26	\$3.01	\$2.57	\$2.78	\$2.46

# Raw Material and Energy Surcharges for 2009--USD/lb



<u>Alloy Description</u>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Carpenter Low Expansion "42"® Alloy	\$1.11	\$1.50	\$1.25	\$1.08	\$1.40	\$1.75	\$2.30	\$2.55	\$3.41	\$2.92	\$3.15	\$2.79
Carpenter Low Expansion "42"® Thermostat Alloy	\$1.11	\$1.50	\$1.25	\$1.08	\$1.40	\$1.75	\$2.30	\$2.55	\$3.41	\$2.92	\$3.15	\$2.79
Carpenter Low Expansion 43-PH	\$1.17	\$1.58	\$1.32	\$1.13	\$1.47	\$1.84	\$2.40	\$2.67	\$3.56	\$3.04	\$3.28	\$2.92
Carpenter Nickel 200 Alloy	\$2.52	\$3.45	\$2.91	\$2.51	\$3.34	\$4.16	\$5.47	\$6.04	\$8.09	\$6.88	\$7.46	\$6.61
Carpenter Nickel 201 Alloy	\$2.52	\$3.45	\$2.91	\$2.51	\$3.34	\$4.16	\$5.47	\$6.04	\$8.09	\$6.88	\$7.46	\$6.61
Carpenter Nickel 205 Alloy	\$2.52	\$3.45	\$2.91	\$2.51	\$3.34	\$4.16	\$5.47	\$6.04	\$8.09	\$6.88	\$7.46	\$6.61
Carpenter Silicon Core Iron "A-FM"	\$0.11	\$0.13	\$0.09	\$0.06	\$0.04	\$0.05	\$0.05	\$0.09	\$0.11	\$0.11	\$0.10	\$0.09
Carpenter Silicon Core Iron "B"	\$0.11	\$0.13	\$0.09	\$0.06	\$0.04	\$0.05	\$0.05	\$0.09	\$0.11	\$0.11	\$0.10	\$0.09
Carpenter Silicon Core Iron "B-FM"	\$0.11	\$0.13	\$0.09	\$0.06	\$0.04	\$0.05	\$0.05	\$0.09	\$0.11	\$0.11	\$0.10	\$0.09
Carpenter Temperature Compensator "30"® Type 2	\$0.84	\$1.14	\$0.94	\$0.80	\$1.04	\$1.30	\$1.69	\$1.89	\$2.53	\$2.17	\$2.33	\$2.06
Carpenter Temperature Compensator "30"® Type 4	\$0.84	\$1.14	\$0.94	\$0.80	\$1.04	\$1.30	\$1.69	\$1.89	\$2.53	\$2.17	\$2.33	\$2.06
Carpenter Temperature Compensator "32"	\$0.90	\$1.22	\$1.01	\$0.86	\$1.13	\$1.41	\$1.83	\$2.04	\$2.73	\$2.33	\$2.52	\$2.23
Chrome Core® 8-FM Alloy	\$0.17	\$0.16	\$0.14	\$0.11	\$0.09	\$0.10	\$0.11	\$0.16	\$0.20	\$0.20	\$0.18	\$0.15
Chrome Core® 12-FM Alloy	\$0.21	\$0.18	\$0.15	\$0.13	\$0.10	\$0.11	\$0.12	\$0.18	\$0.22	\$0.22	\$0.20	\$0.18
Chrome Core® 13-FM	\$0.20	\$0.19	\$0.16	\$0.13	\$0.09	\$0.12	\$0.12	\$0.19	\$0.23	\$0.23	\$0.20	\$0.18
Chrome Core® 13-XP	\$0.34	\$0.30	\$0.25	\$0.21	\$0.16	\$0.19	\$0.20	\$0.29	\$0.37	\$0.35	\$0.31	\$0.29
Chrome Core® 18-FM Alloy	\$0.35	\$0.31	\$0.28	\$0.24	\$0.20	\$0.23	\$0.27	\$0.35	\$0.48	\$0.43	\$0.39	\$0.34
Free-Cut Invar "36"® Alloy	\$0.98	\$1.33	\$1.12	\$0.95	\$1.25	\$1.54	\$2.02	\$2.26	\$3.01	\$2.57	\$2.78	\$2.46
High Expansion 20Ni-6Mn	\$0.64	\$0.86	\$0.71	\$0.61	\$0.75	\$0.94	\$1.21	\$1.36	\$1.80	\$1.56	\$1.66	\$1.47
High Expansion 72	\$1.03	\$1.21	\$1.12	\$1.06	\$1.10	\$1.27	\$1.48	\$1.56	\$2.04	\$1.99	\$1.95	\$1.86
Hiperco® 27 Alloy	\$2.08	\$3.25	\$2.05	\$1.59	\$2.44	\$2.42	\$1.97	\$3.47	\$4.02	\$3.94	\$3.29	\$4.89
Hiperco® 50 Alloy	\$3.89	\$5.93	\$3.75	\$2.90	\$4.45	\$4.40	\$3.62	\$6.31	\$7.35	\$7.19	\$6.02	\$8.92
Hiperco® 50 HS Alloy	\$3.89	\$5.93	\$3.75	\$2.90	\$4.45	\$4.40	\$3.62	\$6.31	\$7.35	\$7.19	\$6.02	\$8.92
Hiperco® 50A Alloy	\$3.89	\$5.93	\$3.75	\$2.90	\$4.45	\$4.40	\$3.62	\$6.31	\$7.35	\$7.19	\$6.02	\$8.92
Hy Mu 77 Alloy	\$2.01	\$2.73	\$2.31	\$2.01	\$2.67	\$3.31	\$4.34	\$4.78	\$6.40	\$5.48	\$5.91	\$5.26
Hy-Ra "49"® Alloy	\$1.27	\$1.74	\$1.46	\$1.25	\$1.64	\$2.05	\$2.68	\$2.98	\$3.98	\$3.40	\$3.67	\$3.25
Kovar® Alloy	\$0.79	\$1.73	\$0.90	\$0.77	\$1.20	\$1.43	\$1.63	\$2.63	\$3.59	\$3.18	\$2.94	\$3.70
MagneDur® 20-4 Alloy	\$0.90	\$1.09	\$0.93	\$0.81	\$0.94	\$1.16	\$1.48	\$1.70	\$2.35	\$2.00	\$2.02	\$1.77
No. 1 JR® Type 1 Alloy	\$0.19	\$0.19	\$0.14	\$0.11	\$0.07	\$0.10	\$0.09	\$0.15	\$0.17	\$0.18	\$0.16	\$0.15
No. 1 JR® Type 2 Alloy	\$0.19	\$0.19	\$0.14	\$0.11	\$0.07	\$0.10	\$0.09	\$0.15	\$0.17	\$0.18	\$0.16	\$0.15
Thermocouple Iron Type JP	\$0.11	\$0.13	\$0.09	\$0.06	\$0.04	\$0.05	\$0.05	\$0.09	\$0.11	\$0.11	\$0.10	\$0.09

## MEDICAL ALLOYS

<u>Alloy Description</u>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
BioDur® 108 Alloy	\$0.49	\$0.46	\$0.43	\$0.37	\$0.30	\$0.35	\$0.39	\$0.45	\$0.57	\$0.58	\$0.52	\$0.47
BioDur® 22Cr-13Ni-5Mn Stainless	\$0.76	\$0.82	\$0.72	\$0.63	\$0.68	\$0.84	\$1.04	\$1.19	\$1.59	\$1.41	\$1.41	\$1.26
BioDur® 316LS Stainless	\$0.77	\$0.85	\$0.76	\$0.66	\$0.73	\$0.89	\$1.11	\$1.30	\$1.76	\$1.52	\$1.55	\$1.36
BioDur® 470/Custom 470	\$0.50	\$0.59	\$0.51	\$0.43	\$0.49	\$0.61	\$0.78	\$0.90	\$1.19	\$1.04	\$1.07	\$0.96
BioDur® Carpenter CCM® Alloy	\$6.95	\$9.45	\$6.61	\$5.51	\$7.34	\$7.35	\$6.36	\$10.02	\$11.66	\$11.29	\$9.64	\$13.38
BioDur® TrimRite® Stainless	\$0.25	\$0.22	\$0.20	\$0.17	\$0.14	\$0.18	\$0.19	\$0.26	\$0.32	\$0.30	\$0.30	\$0.25
Micro-Melt® BioDur® Carpenter CCM® Alloy	\$6.95	\$9.45	\$6.61	\$5.51	\$7.34	\$7.35	\$6.36	\$10.02	\$11.66	\$11.29	\$9.64	\$13.38
Micro-Melt® BioDur® CCM Plus® Alloy	\$6.70	\$9.06	\$6.36	\$5.32	\$7.05	\$7.06	\$6.12	\$9.61	\$11.18	\$10.82	\$9.24	\$12.79
Micro-Melt® BioDur® CCM LS® Alloy	\$6.95	\$9.45	\$6.61	\$5.51	\$7.34	\$7.35	\$6.36	\$10.02	\$11.66	\$11.29	\$9.64	\$13.38

## ALLOY STEELS

<u>Alloy Description</u>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
9310	\$0.19	\$0.25	\$0.20	\$0.15	\$0.15	\$0.19	\$0.24	\$0.30	\$0.39	\$0.35	\$0.35	\$0.32
AerMet® 100 Alloy	\$1.45	\$2.10	\$1.43	\$1.15	\$1.62	\$1.72	\$1.66	\$2.48	\$3.05	\$2.85	\$2.58	\$3.22
AerMet® 310 Alloy	\$1.58	\$2.31	\$1.57	\$1.24	\$1.80	\$1.89	\$1.79	\$2.73	\$3.34	\$3.14	\$2.80	\$3.57
Carpenter No. 158® Alloy	\$0.20	\$0.26	\$0.19	\$0.16	\$0.17	\$0.21	\$0.25	\$0.31	\$0.41	\$0.36	\$0.37	\$0.32
M-50	\$0.60	\$0.57	\$0.49	\$0.43	\$0.36	\$0.43	\$0.50	\$0.66	\$0.93	\$0.80	\$0.68	\$0.60
NiMark® Alloy 250	\$1.33	\$1.83	\$1.33	\$1.10	\$1.45	\$1.68	\$1.85	\$2.50	\$3.30	\$2.91	\$2.73	\$2.92
NiMark® Alloy 250-LR	\$1.33	\$1.83	\$1.33	\$1.10	\$1.45	\$1.68	\$1.85	\$2.50	\$3.30	\$2.91	\$2.73	\$2.92
NiMark® Alloy 300	\$1.42	\$1.97	\$1.43	\$1.17	\$1.56	\$1.79	\$1.94	\$2.65	\$3.49	\$3.09	\$2.89	\$3.15

## CORROSION-RESISTANT ALLOYS

<u>Alloy Description</u>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Carpenter Alloy C-276	\$3.63	\$3.91	\$3.43	\$3.05	\$3.24	\$3.95	\$4.95	\$5.69	\$7.80	\$6.63	\$6.58	\$5.82
Carpenter MP35N Alloy	\$4.99	\$6.57	\$4.87	\$4.12	\$5.27	\$5.66	\$5.69	\$7.94	\$9.88	\$9.06	\$8.26	\$9.78

# Raw Material and Energy Surcharges for 2009--USD/lb



<u>Alloy Description</u>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Carpenter Nickel-Copper 400	\$1.87	\$2.52	\$2.18	\$2.01	\$2.69	\$3.25	\$4.18	\$4.59	\$6.12	\$5.32	\$5.72	\$5.23
Custom Age 625 PLUS® Alloy	\$2.72	\$3.10	\$2.72	\$2.44	\$2.72	\$3.33	\$4.24	\$4.80	\$6.52	\$5.53	\$5.72	\$5.05
Carpenter Alloy 925	\$2.08	\$2.30	\$2.02	\$1.84	\$1.99	\$2.39	\$2.99	\$3.34	\$4.40	\$3.80	\$3.98	\$3.56

## SPECIAL PURPOSE ALLOYS

<u>Alloy Description</u>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
180 Alloy	\$1.15	\$1.46	\$1.33	\$1.45	\$1.96	\$2.21	\$2.68	\$2.90	\$3.80	\$3.52	\$3.68	\$3.67
CBX Cupron® Alloy	\$1.56	\$2.03	\$1.79	\$1.76	\$2.37	\$2.78	\$3.49	\$3.82	\$5.05	\$4.50	\$4.79	\$4.52
Cupron® Alloy	\$1.56	\$2.03	\$1.79	\$1.76	\$2.37	\$2.78	\$3.49	\$3.82	\$5.05	\$4.50	\$4.79	\$4.52
Evanohm® Alloy R	\$2.05	\$2.67	\$2.25	\$1.95	\$2.55	\$3.16	\$4.14	\$4.58	\$6.11	\$5.23	\$5.65	\$5.02
Manganin 13	\$0.83	\$0.99	\$0.95	\$1.16	\$1.54	\$1.66	\$1.90	\$2.03	\$2.62	\$2.57	\$2.62	\$2.78
Nial Alloy	\$2.43	\$3.32	\$2.80	\$2.42	\$3.22	\$3.99	\$5.25	\$5.80	\$7.78	\$6.61	\$7.17	\$6.35
Nial Alloy / Low Resistivity Nial Alloy	\$2.43	\$3.32	\$2.80	\$2.42	\$3.22	\$3.99	\$5.25	\$5.80	\$7.78	\$6.61	\$7.17	\$6.35
PCLW-SNX Alloy	\$0.75	\$0.87	\$0.87	\$1.14	\$1.55	\$1.63	\$1.86	\$1.98	\$2.53	\$2.52	\$2.58	\$2.80
Tophel® Alloy	\$2.37	\$3.19	\$2.68	\$2.32	\$3.07	\$3.82	\$5.01	\$5.54	\$7.41	\$6.32	\$6.83	\$6.06
Tophet® Alloy A	\$2.20	\$2.89	\$2.44	\$2.11	\$2.77	\$3.43	\$4.50	\$4.98	\$6.64	\$5.68	\$6.14	\$5.45
Tophet® Alloy C	\$1.69	\$2.20	\$1.85	\$1.59	\$2.10	\$2.59	\$3.40	\$3.76	\$5.01	\$4.29	\$4.63	\$4.12

## VALVE STEELS

<u>Alloy Description</u>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Pyromet® Alloy 31V	\$2.15	\$2.50	\$2.17	\$1.93	\$2.19	\$2.70	\$3.48	\$3.89	\$5.18	\$4.43	\$4.72	\$4.19
Pyromet® Alloy 751 Alloy	\$1.67	\$2.21	\$1.82	\$1.54	\$1.99	\$2.57	\$3.51	\$3.96	\$5.43	\$4.56	\$4.98	\$4.37
Pyromet® Alloy 80A Valve	\$1.98	\$2.52	\$2.11	\$1.81	\$2.27	\$2.88	\$3.87	\$4.33	\$5.88	\$4.97	\$5.41	\$4.76