

Raw Material and Energy Surcharges for 2011*--USD/lb

[*applicable at time of shipment]



If an alloy you purchase is not listed, call Carpenter within the U.S. at 800-654-6543. Outside the U.S., visit www.carttech.com and click "Contact Us" for a sales office near you.

STAINLESS STEELS												
Alloy Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
15-15HS® Stainless	\$0.89	\$0.92	\$0.95	\$0.96	\$0.93	\$0.90	\$0.88	\$0.83	\$0.83	\$0.83	\$0.78	\$0.75
15-15LC® Modified Stainless	\$0.89	\$0.92	\$0.95	\$0.96	\$0.93	\$0.90	\$0.88	\$0.83	\$0.83	\$0.83	\$0.79	\$0.76
20Cb-3® Stainless	\$4.42	\$4.74	\$5.28	\$4.98	\$4.88	\$4.44	\$4.06	\$4.30	\$3.96	\$3.62	\$3.28	\$3.06
20Mo-6® Stainless	\$4.92	\$5.28	\$5.85	\$5.53	\$5.43	\$4.98	\$4.56	\$4.73	\$4.40	\$4.05	\$3.66	\$3.45
302HQ-FM® Stainless	\$1.28	\$1.37	\$1.52	\$1.45	\$1.42	\$1.30	\$1.20	\$1.26	\$1.18	\$1.09	\$1.00	\$0.94
316L-SCQ® Stainless	\$1.96	\$2.10	\$2.31	\$2.20	\$2.16	\$1.99	\$1.85	\$1.89	\$1.78	\$1.66	\$1.51	\$1.42
Carpenter 13-8 Stainless	\$1.46	\$1.58	\$1.71	\$1.64	\$1.61	\$1.50	\$1.40	\$1.42	\$1.34	\$1.26	\$1.16	\$1.10
Carpenter 15Cr-5Ni	\$0.92	\$0.98	\$1.06	\$1.02	\$1.00	\$0.93	\$0.89	\$0.93	\$0.87	\$0.82	\$0.75	\$0.71
Carpenter 18Cr-2Ni-12Mn	\$0.66	\$0.68	\$0.73	\$0.72	\$0.70	\$0.68	\$0.67	\$0.66	\$0.63	\$0.63	\$0.61	\$0.58
Carpenter 18Cr-3Ni-12Mn	\$0.85	\$0.89	\$0.97	\$0.95	\$0.92	\$0.87	\$0.84	\$0.84	\$0.80	\$0.78	\$0.74	\$0.70
Carpenter 21Cr-6Ni-9Mn	\$1.16	\$1.21	\$1.32	\$1.29	\$1.25	\$1.15	\$1.09	\$1.13	\$1.06	\$1.01	\$0.93	\$0.88
Carpenter 22Cr-13Ni-5Mn	\$2.08	\$2.22	\$2.42	\$2.33	\$2.28	\$2.11	\$1.96	\$2.00	\$1.89	\$1.76	\$1.61	\$1.53
Carpenter 275 Stainless	\$1.63	\$1.74	\$1.92	\$1.81	\$1.78	\$1.65	\$1.53	\$1.60	\$1.50	\$1.39	\$1.28	\$1.19
Carpenter 302HQ-SFQ Stainless	\$1.28	\$1.37	\$1.52	\$1.45	\$1.42	\$1.30	\$1.20	\$1.26	\$1.18	\$1.09	\$1.00	\$0.94
Carpenter Custom 631 (17Cr-7Ni) AISI Type 631	\$1.06	\$1.12	\$1.23	\$1.18	\$1.15	\$1.06	\$0.99	\$1.04	\$0.97	\$0.90	\$0.82	\$0.77
Carpenter Stainless 15-7PH	\$1.40	\$1.50	\$1.63	\$1.56	\$1.53	\$1.43	\$1.33	\$1.36	\$1.27	\$1.20	\$1.11	\$1.06
Carpenter Stainless Custom 630 (17Cr-4Ni)	\$0.91	\$0.97	\$1.03	\$1.01	\$0.98	\$0.91	\$0.87	\$0.91	\$0.85	\$0.80	\$0.74	\$0.71
Carpenter Stainless No. 5-F (Type 416 Mod)	\$0.29	\$0.31	\$0.32	\$0.32	\$0.31	\$0.31	\$0.31	\$0.31	\$0.30	\$0.30	\$0.29	\$0.28
Carpenter Stainless Type 302	\$1.28	\$1.37	\$1.52	\$1.45	\$1.42	\$1.30	\$1.20	\$1.26	\$1.18	\$1.09	\$1.00	\$0.94
Carpenter Stainless Type 302/304/304L	\$1.28	\$1.37	\$1.52	\$1.45	\$1.42	\$1.30	\$1.20	\$1.26	\$1.18	\$1.09	\$1.00	\$0.94
Carpenter Stainless Type 303	\$1.28	\$1.37	\$1.52	\$1.45	\$1.42	\$1.30	\$1.20	\$1.26	\$1.18	\$1.09	\$1.00	\$0.94
Carpenter Stainless Type 303 Se	\$1.28	\$1.37	\$1.52	\$1.45	\$1.42	\$1.30	\$1.20	\$1.26	\$1.18	\$1.09	\$1.00	\$0.94
Carpenter Stainless Type 304/304L	\$1.32	\$1.41	\$1.56	\$1.49	\$1.46	\$1.34	\$1.24	\$1.30	\$1.20	\$1.12	\$1.03	\$0.96
Carpenter Stainless Type 305	\$1.57	\$1.68	\$1.86	\$1.78	\$1.74	\$1.58	\$1.46	\$1.54	\$1.43	\$1.32	\$1.20	\$1.12
Carpenter Stainless Type 309	\$1.81	\$1.94	\$2.14	\$2.04	\$1.99	\$1.82	\$1.67	\$1.77	\$1.63	\$1.50	\$1.37	\$1.29
Carpenter Stainless Type 310	\$2.57	\$2.75	\$3.06	\$2.90	\$2.83	\$2.58	\$2.36	\$2.50	\$2.31	\$2.11	\$1.92	\$1.79
Carpenter Stainless Type 316/316L	\$1.97	\$2.11	\$2.32	\$2.21	\$2.17	\$2.00	\$1.86	\$1.90	\$1.79	\$1.67	\$1.52	\$1.43
Carpenter Stainless Type 316L	\$1.97	\$2.11	\$2.32	\$2.21	\$2.17	\$2.00	\$1.86	\$1.90	\$1.79	\$1.67	\$1.52	\$1.43
Carpenter Stainless Type 321	\$1.44	\$1.55	\$1.71	\$1.63	\$1.60	\$1.46	\$1.35	\$1.42	\$1.33	\$1.23	\$1.12	\$1.04
Carpenter Stainless Type 347	\$1.49	\$1.59	\$1.77	\$1.69	\$1.65	\$1.50	\$1.39	\$1.46	\$1.36	\$1.26	\$1.14	\$1.07
Carpenter Stainless Type 403	\$0.29	\$0.31	\$0.31	\$0.32	\$0.31	\$0.30	\$0.31	\$0.31	\$0.30	\$0.31	\$0.30	\$0.28
Carpenter Stainless Type 410	\$0.29	\$0.31	\$0.31	\$0.32	\$0.31	\$0.30	\$0.31	\$0.31	\$0.30	\$0.31	\$0.30	\$0.28
Carpenter Stainless Type 416	\$0.29	\$0.31	\$0.32	\$0.32	\$0.31	\$0.31	\$0.31	\$0.31	\$0.30	\$0.30	\$0.29	\$0.28
Carpenter Stainless Type 416 (No. 5)	\$0.29	\$0.31	\$0.32	\$0.32	\$0.31	\$0.31	\$0.31	\$0.31	\$0.30	\$0.30	\$0.29	\$0.28
Carpenter Stainless Type 416 RS	\$0.29	\$0.31	\$0.32	\$0.32	\$0.31	\$0.31	\$0.31	\$0.31	\$0.30	\$0.30	\$0.29	\$0.28
Carpenter Stainless Type 416BQ (No. 5BQ)	\$0.29	\$0.31	\$0.32	\$0.32	\$0.31	\$0.31	\$0.31	\$0.31	\$0.30	\$0.30	\$0.29	\$0.28
Carpenter Stainless Type 420	\$0.29	\$0.31	\$0.32	\$0.32	\$0.31	\$0.31	\$0.31	\$0.31	\$0.30	\$0.30	\$0.29	\$0.28
Carpenter Stainless Type 420 Mod	\$0.29	\$0.31	\$0.32	\$0.32	\$0.31	\$0.31	\$0.31	\$0.31	\$0.30	\$0.30	\$0.29	\$0.28
Carpenter Stainless Type 420F	\$0.29	\$0.31	\$0.32	\$0.32	\$0.31	\$0.31	\$0.31	\$0.31	\$0.30	\$0.30	\$0.29	\$0.28
Carpenter Stainless Type 430	\$0.33	\$0.34	\$0.35	\$0.36	\$0.35	\$0.34	\$0.34	\$0.34	\$0.33	\$0.33	\$0.31	\$0.30
Carpenter Stainless Type 430F	\$0.33	\$0.34	\$0.35	\$0.36	\$0.35	\$0.34	\$0.34	\$0.34	\$0.33	\$0.33	\$0.31	\$0.30
Carpenter Stainless Type 430FR	\$0.33	\$0.34	\$0.35	\$0.36	\$0.35	\$0.34	\$0.34	\$0.34	\$0.33	\$0.33	\$0.31	\$0.30
Carpenter Stainless Type 431	\$0.52	\$0.55	\$0.58	\$0.57	\$0.56	\$0.53	\$0.51	\$0.52	\$0.50	\$0.48	\$0.45	\$0.43
Carpenter Stainless Type 434	\$0.49	\$0.52	\$0.52	\$0.53	\$0.52	\$0.50	\$0.51	\$0.47	\$0.47	\$0.47	\$0.44	\$0.43
Carpenter Stainless Type 440A	\$0.33	\$0.34	\$0.35	\$0.36	\$0.35	\$0.34	\$0.34	\$0.34	\$0.33	\$0.33	\$0.31	\$0.30
Carpenter Stainless Type 440C	\$0.33	\$0.34	\$0.35	\$0.36	\$0.35	\$0.34	\$0.34	\$0.34	\$0.33	\$0.33	\$0.31	\$0.30
Carpenter Stainless Type 440F-Se	\$0.33	\$0.34	\$0.35	\$0.36	\$0.35	\$0.34	\$0.34	\$0.34	\$0.33	\$0.33	\$0.31	\$0.30
Carpenter Stainless Type 446	\$0.39	\$0.41	\$0.41	\$0.42	\$0.41	\$0.40	\$0.40	\$0.38	\$0.38	\$0.38	\$0.36	\$0.35
Carpenter Type 204-Cu Stainless	\$0.92	\$0.97	\$1.02	\$1.01	\$0.99	\$0.93	\$0.90	\$0.90	\$0.87	\$0.84	\$0.77	\$0.74
Consumet Type 304L-SCQ	\$1.28	\$1.37	\$1.52	\$1.45	\$1.42	\$1.30	\$1.20	\$1.26	\$1.18	\$1.09	\$1.00	\$0.94
Custom 450® Stainless	\$1.11	\$1.19	\$1.29	\$1.24	\$1.23	\$1.14	\$1.06	\$1.10	\$1.03	\$0.97	\$0.90	\$0.85
Custom 455® Stainless	\$1.27	\$1.37	\$1.50	\$1.44	\$1.41	\$1.29	\$1.22	\$1.28	\$1.19	\$1.10	\$1.01	\$0.96
Custom 465® Stainless	\$1.63	\$1.73	\$1.91	\$1.82	\$1.78	\$1.65	\$1.53	\$1.59	\$1.49	\$1.39	\$1.27	\$1.19
Custom 475™ Stainless	\$2.17	\$2.61	\$2.78	\$2.66	\$2.36	\$2.44	\$2.18	\$1.96	\$1.96	\$1.92	\$1.55	\$1.39
Custom Flo 302HQ Stainless	\$1.28	\$1.37	\$1.52	\$1.45	\$1.42	\$1.30	\$1.20	\$1.26	\$1.18	\$1.09	\$1.00	\$0.94
EnduraMet® 2205 Stainless	\$1.41	\$1.49	\$1.61	\$1.55	\$1.53	\$1.44	\$1.36	\$1.34	\$1.29	\$1.22	\$1.12	\$1.07
Gall-Tough® PLUS Stainless / UNS S21800	\$1.49	\$1.59	\$1.73	\$1.66	\$1.62	\$1.51	\$1.42	\$1.44	\$1.37	\$1.29	\$1.19	\$1.13
Gall-Tough® Stainless	\$0.92	\$0.97	\$1.05	\$1.02	\$1.00	\$0.93	\$0.89	\$0.89	\$0.85	\$0.81	\$0.76	\$0.71

Raw Material and Energy Surcharges for 2011*--USD/lb
 [*applicable at time of shipment]



Alloy Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Project 70+® 15Cr-5Ni Stainless	\$0.92	\$ 0.98	\$1.06	\$1.02	\$1.00	\$0.93	\$0.89	\$0.93	\$0.87	\$0.82	\$0.75	\$0.71
Project 70+® Custom 630 Stainless	\$0.91	\$ 0.97	\$1.03	\$1.01	\$0.98	\$0.91	\$0.87	\$0.91	\$0.85	\$0.80	\$0.74	\$0.71
Project 70+® Type 303 Escomatic Quality	\$1.28	\$ 1.37	\$1.52	\$1.45	\$1.42	\$1.30	\$1.20	\$1.26	\$1.18	\$1.09	\$1.00	\$0.94
Project 70+® Type 303 Stainless	\$1.28	\$ 1.37	\$1.52	\$1.45	\$1.42	\$1.30	\$1.20	\$1.26	\$1.18	\$1.09	\$1.00	\$0.94
Project 70+® Type 304/304L Stainless	\$1.32	\$ 1.41	\$1.56	\$1.49	\$1.46	\$1.34	\$1.24	\$1.30	\$1.20	\$1.12	\$1.03	\$0.96
Project 70+® Type 316/316L Stainless	\$1.97	\$ 2.11	\$2.32	\$2.21	\$2.17	\$2.00	\$1.86	\$1.90	\$1.79	\$1.67	\$1.52	\$1.43
Project 70+® Type 416 Stainless	\$0.29	\$ 0.31	\$0.32	\$0.32	\$0.31	\$0.31	\$0.31	\$0.31	\$0.30	\$0.30	\$0.29	\$0.28
Pyrowear® 675 Stainless	\$1.11	\$ 1.35	\$1.42	\$1.39	\$1.20	\$1.28	\$1.15	\$0.99	\$1.03	\$1.02	\$0.82	\$0.73
SCF 19® Alloy	\$2.90	\$ 3.10	\$3.39	\$3.23	\$3.16	\$2.95	\$2.73	\$2.77	\$2.61	\$2.43	\$2.21	\$2.10
Stainless Type 304H	\$1.32	\$ 1.41	\$1.56	\$1.49	\$1.46	\$1.34	\$1.24	\$1.30	\$1.20	\$1.12	\$1.03	\$0.96
Stainless Type 410 Mod	\$0.29	\$ 0.31	\$0.31	\$0.32	\$0.31	\$0.30	\$0.31	\$0.31	\$0.30	\$0.31	\$0.30	\$0.28
TrimRite® Stainless	\$0.47	\$ 0.50	\$0.52	\$0.52	\$0.50	\$0.49	\$0.47	\$0.48	\$0.46	\$0.45	\$0.43	\$0.41
Type 409Cb Stainless	\$0.28	\$ 0.30	\$0.31	\$0.31	\$0.31	\$0.30	\$0.30	\$0.30	\$0.30	\$0.30	\$0.29	\$0.28
Type 409Cb High Nickel Stainless	\$0.37	\$ 0.40	\$0.41	\$0.41	\$0.40	\$0.38	\$0.38	\$0.39	\$0.37	\$0.37	\$0.36	\$0.33

AEROSPACE AND HIGH-TEMPERATURE ALLOYS

Alloy Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A-286 Alloy	\$3.25	\$ 3.49	\$3.89	\$3.68	\$3.60	\$3.30	\$3.02	\$3.19	\$2.95	\$2.70	\$2.47	\$2.31
AMS 5842 Alloy	\$9.10	\$ 10.61	\$11.11	\$10.73	\$9.58	\$10.03	\$9.13	\$8.34	\$8.49	\$8.43	\$7.12	\$6.38
Carpenter 636	\$0.62	\$ 0.67	\$0.69	\$0.69	\$0.69	\$0.67	\$0.66	\$0.66	\$0.64	\$0.63	\$0.60	\$0.57
Carpenter Greek Ascoloy	\$1.17	\$ 1.27	\$1.29	\$1.32	\$1.33	\$1.34	\$1.35	\$1.32	\$1.27	\$1.23	\$1.20	\$1.15
Carpenter L-605 Alloy	\$11.54	\$ 13.67	\$13.80	\$13.78	\$12.36	\$13.45	\$12.71	\$11.33	\$11.69	\$11.73	\$10.18	\$9.22
Carpenter Waspaloy	\$9.07	\$ 10.07	\$10.99	\$10.44	\$9.88	\$9.47	\$8.61	\$8.65	\$8.28	\$7.79	\$6.85	\$6.28
Pyromet® Alloy 350	\$1.22	\$ 1.30	\$1.39	\$1.34	\$1.32	\$1.24	\$1.19	\$1.17	\$1.11	\$1.07	\$0.98	\$0.94
Pyromet® Alloy 355	\$1.21	\$ 1.30	\$1.39	\$1.34	\$1.32	\$1.24	\$1.18	\$1.17	\$1.10	\$1.07	\$0.98	\$0.94
Pyromet® Alloy 41	\$9.41	\$ 10.35	\$11.26	\$10.70	\$10.23	\$9.80	\$8.98	\$8.97	\$8.58	\$8.10	\$7.19	\$6.68
Pyromet® Alloy 600	\$7.81	\$ 8.44	\$9.52	\$8.92	\$8.73	\$7.86	\$7.09	\$7.65	\$6.98	\$6.28	\$5.64	\$5.22
Pyromet® Alloy 625	\$8.74	\$ 9.37	\$11.10	\$10.52	\$10.36	\$9.60	\$8.88	\$9.20	\$8.61	\$8.00	\$7.33	\$6.97
Pyromet® Alloy 680	\$7.61	\$ 8.17	\$8.94	\$8.50	\$8.32	\$7.76	\$7.19	\$7.38	\$6.94	\$6.48	\$5.91	\$5.61
Pyromet® Alloy 706	\$5.03	\$ 5.39	\$6.58	\$6.24	\$6.15	\$5.65	\$5.22	\$5.54	\$5.15	\$4.76	\$4.38	\$4.13
Pyromet® Alloy 718	\$6.69	\$ 7.19	\$9.01	\$8.55	\$8.45	\$7.81	\$7.24	\$7.56	\$7.08	\$6.57	\$6.06	\$5.76
Pyromet® Alloy 720	\$9.00	\$ 10.06	\$10.93	\$10.42	\$9.84	\$9.47	\$8.64	\$8.67	\$8.30	\$7.83	\$6.87	\$6.28
Pyromet® Alloy 80A	\$8.32	\$ 8.95	\$10.06	\$9.45	\$9.25	\$8.35	\$7.58	\$8.16	\$7.48	\$6.76	\$6.10	\$5.66
Pyromet® Alloy 882	\$0.53	\$ 0.58	\$0.59	\$0.58	\$0.59	\$0.58	\$0.58	\$0.56	\$0.55	\$0.54	\$0.52	\$0.51
Pyromet® Alloy 901	\$5.95	\$ 6.38	\$7.06	\$6.66	\$6.54	\$6.03	\$5.55	\$5.78	\$5.38	\$4.97	\$4.52	\$4.27
Pyromet® Alloy CTX-1	\$5.54	\$ 6.40	\$7.60	\$7.23	\$6.68	\$6.54	\$5.88	\$5.80	\$5.61	\$5.30	\$4.56	\$4.09
Pyromet® Alloy CTX-3	\$5.29	\$ 6.12	\$7.71	\$7.35	\$6.84	\$6.68	\$6.05	\$5.97	\$5.79	\$5.49	\$4.78	\$4.32
Pyromet® Alloy CTX-909	\$5.29	\$ 6.12	\$7.69	\$7.33	\$6.82	\$6.66	\$6.03	\$5.95	\$5.77	\$5.47	\$4.76	\$4.30
Pyromet® Alloy X-750	\$7.69	\$ 8.31	\$9.35	\$8.77	\$8.58	\$7.74	\$6.99	\$7.54	\$6.90	\$6.22	\$5.59	\$5.17
Pyrowear® Alloy 53	\$0.88	\$ 0.95	\$1.01	\$0.97	\$0.96	\$0.94	\$0.90	\$0.87	\$0.84	\$0.81	\$0.76	\$0.73
Thermo-Span® Alloy	\$6.12	\$ 7.35	\$9.06	\$8.76	\$7.84	\$8.17	\$7.44	\$6.87	\$6.97	\$6.88	\$5.87	\$5.25
Carpenter 286-LNi	\$2.52	\$ 2.69	\$2.98	\$2.84	\$2.78	\$2.53	\$2.35	\$2.48	\$2.31	\$2.12	\$1.92	\$1.80

MAGNETIC, CONTROLLED EXPANSION, AND ELECTRICAL ALLOYS

Alloy Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
485 Alloy	\$5.20	\$5.63	\$6.33	\$5.95	\$5.81	\$5.25	\$4.75	\$5.11	\$4.67	\$4.21	\$3.81	\$3.54
Carpenter 22-3 High Thermal Expansion Alloy	\$2.53	\$2.74	\$3.06	\$2.88	\$2.82	\$2.56	\$2.33	\$2.51	\$2.29	\$2.09	\$1.90	\$1.76
Carpenter Electrical Iron	\$0.19	\$0.22	\$0.22	\$0.22	\$0.22	\$0.22	\$0.23	\$0.24	\$0.23	\$0.23	\$0.23	\$0.22
Carpenter Glass Sealing "42-6"	\$4.70	\$5.09	\$5.72	\$5.37	\$5.25	\$4.74	\$4.29	\$4.63	\$4.22	\$3.82	\$3.45	\$3.21
Carpenter Glass Sealing 42	\$4.51	\$4.88	\$5.48	\$5.14	\$5.02	\$4.54	\$4.12	\$4.44	\$4.06	\$3.67	\$3.32	\$3.07
Carpenter Glass Sealing 52	\$5.50	\$5.95	\$6.70	\$6.28	\$6.14	\$5.54	\$5.00	\$5.41	\$4.93	\$4.44	\$4.01	\$3.72
Carpenter High Permeability "49"® Alloy	\$5.23	\$5.67	\$6.38	\$5.98	\$5.85	\$5.28	\$4.77	\$5.15	\$4.70	\$4.24	\$3.83	\$3.55
Carpenter HyMu "80"® Alloy	\$9.21	\$9.95	\$11.18	\$10.49	\$10.27	\$9.30	\$8.43	\$8.98	\$8.23	\$7.46	\$6.73	\$6.27
Carpenter HyMu "80"® Mark II Alloy	\$9.21	\$9.95	\$11.18	\$10.49	\$10.27	\$9.30	\$8.43	\$8.98	\$8.23	\$7.46	\$6.73	\$6.27
Carpenter HyMu "80"® Mark III Alloy	\$9.21	\$9.95	\$11.18	\$10.49	\$10.27	\$9.30	\$8.43	\$8.98	\$8.23	\$7.46	\$6.73	\$6.27
Carpenter HyMu "800"	\$9.33	\$10.08	\$11.31	\$10.61	\$10.39	\$9.42	\$8.55	\$9.09	\$8.34	\$7.56	\$6.82	\$6.36
Carpenter Invar 36 Alloy	\$3.98	\$4.30	\$4.83	\$4.54	\$4.44	\$4.00	\$3.64	\$3.92	\$3.58	\$3.24	\$2.93	\$2.71

Raw Material and Energy Surcharges for 2011*--USD/lb
 [*applicable at time of shipment]



Alloy Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Carpenter Low Expansion "42"® Alloy	\$4.51	\$4.88	\$5.48	\$5.14	\$5.02	\$4.54	\$4.12	\$4.44	\$4.06	\$3.67	\$3.32	\$3.07
Carpenter Low Expansion "42"® Thermostat Alloy	\$4.51	\$4.88	\$5.48	\$5.14	\$5.02	\$4.54	\$4.12	\$4.44	\$4.06	\$3.67	\$3.32	\$3.07
Carpenter Low Expansion 43-PH	\$4.75	\$5.13	\$5.76	\$5.42	\$5.29	\$4.78	\$4.35	\$4.69	\$4.29	\$3.89	\$3.51	\$3.26
Carpenter Nickel 200 Alloy	\$10.61	\$11.46	\$12.93	\$12.12	\$11.84	\$10.65	\$9.62	\$10.38	\$9.47	\$8.51	\$7.67	\$7.10
Carpenter Nickel 201 Alloy	\$10.61	\$11.46	\$12.93	\$12.12	\$11.84	\$10.65	\$9.62	\$10.38	\$9.47	\$8.51	\$7.67	\$7.10
Carpenter Nickel 205 Alloy	\$10.61	\$11.46	\$12.93	\$12.12	\$11.84	\$10.65	\$9.62	\$10.38	\$9.47	\$8.51	\$7.67	\$7.10
Carpenter Silicon Core Iron "A-FM"	\$0.18	\$0.21	\$0.21	\$0.21	\$0.21	\$0.21	\$0.22	\$0.23	\$0.22	\$0.22	\$0.22	\$0.21
Carpenter Silicon Core Iron "B"	\$0.18	\$0.21	\$0.21	\$0.21	\$0.21	\$0.21	\$0.22	\$0.23	\$0.22	\$0.22	\$0.22	\$0.21
Carpenter Silicon Core Iron "B-FM"	\$0.18	\$0.21	\$0.21	\$0.21	\$0.21	\$0.21	\$0.22	\$0.23	\$0.22	\$0.22	\$0.22	\$0.21
Carpenter Temperature Compensator "30"® Type 2	\$3.34	\$3.62	\$4.07	\$3.82	\$3.74	\$3.38	\$3.06	\$3.31	\$3.02	\$2.73	\$2.48	\$2.30
Carpenter Temperature Compensator "30"® Type 4	\$3.34	\$3.62	\$4.07	\$3.82	\$3.74	\$3.38	\$3.06	\$3.31	\$3.02	\$2.73	\$2.48	\$2.30
Carpenter Temperature Compensator "32"	\$3.60	\$3.90	\$4.39	\$4.12	\$4.03	\$3.64	\$3.30	\$3.56	\$3.25	\$2.95	\$2.67	\$2.47
Chrome Core® 8-FM Alloy	\$0.30	\$0.33	\$0.33	\$0.34	\$0.33	\$0.32	\$0.33	\$0.33	\$0.32	\$0.32	\$0.30	\$0.29
Chrome Core® 12-FM Alloy	\$0.33	\$0.36	\$0.37	\$0.37	\$0.36	\$0.35	\$0.35	\$0.36	\$0.34	\$0.35	\$0.33	\$0.31
Chrome Core® 13-FM	\$0.34	\$0.37	\$0.38	\$0.38	\$0.37	\$0.36	\$0.36	\$0.36	\$0.35	\$0.35	\$0.33	\$0.32
Chrome Core® 13-XP	\$0.48	\$0.52	\$0.53	\$0.54	\$0.53	\$0.53	\$0.52	\$0.51	\$0.50	\$0.51	\$0.48	\$0.46
Chrome Core® 18-FM Alloy	\$0.61	\$0.65	\$0.67	\$0.66	\$0.65	\$0.63	\$0.63	\$0.58	\$0.58	\$0.58	\$0.55	\$0.53
Free-Cut Invar "36"® Alloy	\$3.98	\$4.30	\$4.83	\$4.54	\$4.44	\$4.00	\$3.64	\$3.92	\$3.58	\$3.24	\$2.93	\$2.71
High Expansion 20Ni-6Mn	\$2.39	\$2.57	\$2.88	\$2.72	\$2.65	\$2.41	\$2.21	\$2.36	\$2.18	\$1.98	\$1.81	\$1.68
High Expansion 72	\$3.36	\$3.43	\$3.66	\$3.61	\$3.51	\$3.32	\$3.22	\$3.35	\$3.18	\$3.05	\$2.87	\$2.80
Hiperco® 27 Alloy	\$3.33	\$4.29	\$4.34	\$4.25	\$3.43	\$4.00	\$3.57	\$2.90	\$3.20	\$3.34	\$2.60	\$2.15
Hiperco® 50 Alloy	\$6.04	\$7.77	\$7.86	\$7.71	\$6.23	\$7.28	\$6.48	\$5.27	\$5.81	\$6.06	\$4.71	\$3.90
Hiperco® 50 HS Alloy	\$6.04	\$7.77	\$7.86	\$7.71	\$6.23	\$7.28	\$6.48	\$5.27	\$5.81	\$6.06	\$4.71	\$3.90
Hiperco® 50A Alloy	\$6.04	\$7.77	\$7.86	\$7.71	\$6.23	\$7.28	\$6.48	\$5.27	\$5.81	\$6.06	\$4.71	\$3.90
Hy Mu 77 Alloy	\$8.46	\$9.12	\$10.27	\$9.63	\$9.42	\$8.48	\$7.68	\$8.28	\$7.57	\$6.81	\$6.13	\$5.70
Hy-Ra "49"® Alloy	\$5.23	\$5.67	\$6.38	\$5.98	\$5.85	\$5.28	\$4.77	\$5.15	\$4.70	\$4.24	\$3.83	\$3.55
Kovar® Alloy	\$3.89	\$4.75	\$5.21	\$4.91	\$4.31	\$4.32	\$3.75	\$3.55	\$3.47	\$3.28	\$2.57	\$2.19
MagneDur® 20-4 Alloy	\$2.87	\$3.11	\$3.44	\$3.25	\$3.18	\$2.94	\$2.71	\$2.80	\$2.61	\$2.41	\$2.19	\$2.07
No. 1 JR® Type 1 Alloy	\$0.29	\$0.31	\$0.32	\$0.32	\$0.31	\$0.31	\$0.31	\$0.31	\$0.30	\$0.30	\$0.29	\$0.28
No. 1 JR® Type 2 Alloy	\$0.29	\$0.31	\$0.32	\$0.32	\$0.31	\$0.31	\$0.31	\$0.31	\$0.30	\$0.30	\$0.29	\$0.28
ROTELLOY 3	\$6.04	\$7.77	\$7.86	\$7.71	\$6.23	\$7.28	\$6.48	\$5.27	\$5.81	\$6.06	\$4.71	\$3.90
ROTELLOY 8	\$6.04	\$7.77	\$7.86	\$7.71	\$6.23	\$7.28	\$6.48	\$5.27	\$5.81	\$6.06	\$4.71	\$3.90
Thermocouple Iron Type JP	\$0.18	\$0.21	\$0.21	\$0.21	\$0.21	\$0.21	\$0.22	\$0.23	\$0.22	\$0.22	\$0.22	\$0.21
Mumetal	\$9.02	\$9.73	\$10.91	\$10.24	\$10.03	\$9.08	\$8.26	\$8.80	\$8.07	\$7.31	\$6.58	\$6.15

MEDICAL ALLOYS

Alloy Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
BioDur® 108 Alloy	\$0.80	\$ 0.80	\$0.83	\$0.86	\$0.82	\$0.81	\$0.79	\$0.74	\$0.74	\$0.75	\$0.73	\$0.72
BioDur® 22Cr-13Ni-5Mn Stainless	\$2.08	\$ 2.22	\$2.42	\$2.33	\$2.28	\$2.11	\$1.96	\$2.00	\$1.89	\$1.76	\$1.61	\$1.53
BioDur® 316LS Stainless	\$2.25	\$ 2.40	\$2.64	\$2.51	\$2.46	\$2.28	\$2.11	\$2.17	\$2.03	\$1.89	\$1.72	\$1.62
BioDur® 470/Custom 470	\$1.58	\$ 1.71	\$1.88	\$1.79	\$1.75	\$1.61	\$1.48	\$1.56	\$1.44	\$1.34	\$1.22	\$1.15
BioDur® Carpenter CCM® Alloy	\$10.43	\$ 12.75	\$12.91	\$12.65	\$10.69	\$12.06	\$10.96	\$9.25	\$9.96	\$10.28	\$8.41	\$7.37
BioDur® TrimRite® Stainless	\$0.47	\$ 0.50	\$0.52	\$0.52	\$0.50	\$0.49	\$0.47	\$0.48	\$0.46	\$0.45	\$0.43	\$0.41
Micro-Melt® BioDur® Carpenter CCM® Alloy	\$10.43	\$ 12.75	\$12.91	\$12.65	\$10.69	\$12.06	\$10.96	\$9.25	\$9.96	\$10.28	\$8.41	\$7.37
Micro-Melt® BioDur® CCM Plus® Alloy	\$10.03	\$ 12.24	\$12.39	\$12.15	\$10.28	\$11.59	\$10.55	\$8.91	\$9.59	\$9.89	\$8.11	\$7.12
Micro-Melt® BioDur® CCM LS® Alloy	\$10.43	\$ 12.75	\$12.91	\$12.65	\$10.69	\$12.06	\$10.96	\$9.25	\$9.96	\$10.28	\$8.41	\$7.37

CORROSION-RESISTANT ALLOYS

Alloy Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Carpenter Alloy C-276	\$9.48	\$ 10.13	\$11.14	\$10.57	\$10.44	\$9.73	\$9.05	\$9.22	\$8.66	\$8.10	\$7.35	\$7.01
Carpenter MP35N® Alloy	\$10.23	\$ 11.79	\$12.46	\$11.98	\$10.86	\$11.14	\$10.16	\$9.44	\$9.47	\$9.29	\$7.94	\$7.20
Carpenter Nickel-Copper 400	\$8.31	\$ 8.93	\$9.97	\$9.37	\$9.18	\$8.30	\$7.62	\$8.25	\$7.52	\$6.76	\$6.05	\$5.71
Carpenter Nickel-Copper 405	\$8.31	\$ 8.93	\$9.97	\$9.37	\$9.18	\$8.30	\$7.62	\$8.25	\$7.52	\$6.76	\$6.05	\$5.71
Custom Age 625 PLUS® Alloy	\$8.50	\$ 9.11	\$10.09	\$9.52	\$9.37	\$8.62	\$7.92	\$8.27	\$7.70	\$7.09	\$6.45	\$6.09
Carpenter Alloy 925	\$6.06	\$ 6.47	\$7.10	\$6.74	\$6.63	\$6.12	\$5.66	\$5.95	\$5.55	\$5.14	\$4.71	\$4.46

*MP35N is a trademark of SPS Technologies, Inc.

ALLOY STEELS

Alloy Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
9310	\$0.54	\$ 0.59	\$0.63	\$0.61	\$0.60	\$0.56	\$0.54	\$0.57	\$0.53	\$0.50	\$0.47	\$0.44
AerMet® 100 Alloy	\$3.08	\$ 3.67	\$3.86	\$3.72	\$3.29	\$3.44	\$3.10	\$2.85	\$2.88	\$2.85	\$2.38	\$2.10

Raw Material and Energy Surcharges for 2011*--USD/lb
 [*applicable at time of shipment]



<u>Alloy Description</u>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AerMet® 310 Alloy	\$3.29	\$ 3.95	\$4.15	\$4.00	\$3.52	\$3.70	\$3.33	\$3.03	\$3.10	\$3.06	\$2.53	\$2.21
Carpenter No. 158® Alloy	\$0.57	\$ 0.63	\$0.68	\$0.65	\$0.64	\$0.60	\$0.56	\$0.59	\$0.55	\$0.52	\$0.49	\$0.46
M-50	\$0.99	\$ 1.05	\$1.10	\$1.07	\$1.07	\$1.07	\$1.05	\$0.98	\$0.96	\$0.96	\$0.89	\$0.87
NiMark® Alloy 250	\$3.57	\$ 4.06	\$4.39	\$4.17	\$3.89	\$3.82	\$3.49	\$3.36	\$3.27	\$3.12	\$2.69	\$2.46
NiMark® Alloy 250-LR	\$3.57	\$ 4.06	\$4.39	\$4.17	\$3.89	\$3.82	\$3.49	\$3.36	\$3.27	\$3.12	\$2.69	\$2.46
NiMark® Alloy 300	\$3.73	\$ 4.27	\$4.60	\$4.38	\$4.06	\$4.02	\$3.65	\$3.50	\$3.41	\$3.29	\$2.82	\$2.57
PremoMet™ Alloy	\$0.70	\$ 0.76	\$0.83	\$0.80	\$0.78	\$0.74	\$0.70	\$0.74	\$0.69	\$0.66	\$0.61	\$0.58
300M	\$0.46	\$ 0.50	\$0.53	\$0.51	\$0.51	\$0.48	\$0.47	\$0.48	\$0.45	\$0.44	\$0.41	\$0.39
AISI 4340 Alloy	\$0.43	\$ 0.48	\$0.51	\$0.49	\$0.49	\$0.46	\$0.45	\$0.47	\$0.44	\$0.43	\$0.41	\$0.39

SPECIAL PURPOSE ALLOYS

<u>Alloy Description</u>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
180 Alloy	\$5.68	\$ 6.05	\$6.53	\$6.18	\$6.11	\$5.60	\$5.40	\$5.86	\$5.34	\$4.79	\$4.21	\$4.17
CBX Cupron® Alloy	\$7.12	\$ 7.63	\$8.40	\$7.92	\$7.78	\$7.07	\$6.63	\$7.18	\$6.54	\$5.88	\$5.22	\$5.03
Cupron® Alloy	\$7.12	\$ 7.63	\$8.40	\$7.92	\$7.78	\$7.07	\$6.63	\$7.18	\$6.54	\$5.88	\$5.22	\$5.03
Evanohm® Alloy R	\$8.08	\$ 8.71	\$9.81	\$9.21	\$9.00	\$8.11	\$7.33	\$7.89	\$7.20	\$6.49	\$5.86	\$5.43
Manganin 13	\$4.22	\$ 4.43	\$4.68	\$4.46	\$4.43	\$4.10	\$4.12	\$4.46	\$4.07	\$3.67	\$3.20	\$3.28
Nial Alloy	\$10.19	\$ 11.01	\$12.42	\$11.64	\$11.37	\$10.23	\$9.24	\$9.97	\$9.09	\$8.18	\$7.37	\$6.83
Nial Alloy / Low Resistivity Nial Alloy	\$10.19	\$ 11.01	\$12.42	\$11.64	\$11.37	\$10.23	\$9.24	\$9.97	\$9.09	\$8.18	\$7.37	\$6.83
PCLW-SNX Alloy	\$4.24	\$ 4.46	\$4.65	\$4.43	\$4.42	\$4.10	\$4.15	\$4.51	\$4.12	\$3.69	\$3.19	\$3.30
Tophel® Alloy	\$9.74	\$ 10.52	\$11.86	\$11.12	\$10.87	\$9.79	\$8.83	\$9.53	\$8.70	\$7.83	\$7.06	\$6.54
Tophet® Alloy A	\$8.78	\$ 9.46	\$10.66	\$10.01	\$9.78	\$8.81	\$7.96	\$8.57	\$7.82	\$7.05	\$6.36	\$5.90
Tophet® Alloy C	\$6.64	\$ 7.16	\$8.06	\$7.56	\$7.40	\$6.67	\$6.03	\$6.48	\$5.93	\$5.35	\$4.83	\$4.49

VALVE STEELS

<u>Alloy Description</u>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Pyromet® Alloy 31V	\$7.20	\$ 7.72	\$8.58	\$8.10	\$7.96	\$7.27	\$6.67	\$7.08	\$6.56	\$6.01	\$5.47	\$5.13
Pyromet® Alloy 751 Alloy	\$7.66	\$ 8.26	\$9.31	\$8.73	\$8.54	\$7.70	\$6.96	\$7.51	\$6.86	\$6.18	\$5.56	\$5.14
Pyromet® Alloy 80A Valve	\$8.32	\$ 8.95	\$10.06	\$9.45	\$9.25	\$8.35	\$7.58	\$8.16	\$7.48	\$6.76	\$6.10	\$5.66