2023 RAW MATERIAL SURCHARGES (US\$/Pound)



STAINLESS STEEL GRADES

Grade	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
13-8 VV	\$2.25	\$2.65	\$2.76	\$2.83	\$2.64	\$2.43	\$2.25	\$2.21	\$2.14	\$2.31	\$2.23	\$2.15
15-5	\$1.50	\$1.59	\$1.73	\$1.56	\$1.54	\$1.51	\$1.48	\$1.44	\$1.38	\$1.37	\$1.30	\$1.24
16-6	\$1.88	\$2.08	\$2.20	\$2.06	\$1.97	\$1.88	\$1.82	\$1.77	\$1.68	\$1.68	\$1.59	\$1.52
17-4 (630)	\$1.48	\$1.57	\$1.70	\$1.54	\$1.53	\$1.50	\$1.47	\$1.43	\$1.37	\$1.35	\$1.29	\$1.23
17-7 (631)	\$1.86	\$2.06	\$2.18	\$2.05	\$1.96	\$1.88	\$1.81	\$1.76	\$1.67	\$1.67	\$1.59	\$1.51
303/303Se	\$2.02	\$2.21	\$2.32	\$2.15	\$2.06	\$1.99	\$1.94	\$1.89	\$1.79	\$1.78	\$1.68	\$1.60
304/304L	\$2.02	\$2.21	\$2.32	\$2.15	\$2.06	\$1.99	\$1.93	\$1.89	\$1.79	\$1.78	\$1.68	\$1.60
309/309S/309L	\$2.88	\$3.18	\$3.26	\$3.06	\$2.90	\$2.79	\$2.71	\$2.66	\$2.51	\$2.50	\$2.36	\$2.25
310/310S	\$3.57	\$3.95	\$4.00	\$3.77	\$3.53	\$3.40	\$3.31	\$3.26	\$3.07	\$3.05	\$2.87	\$2.75
316/316L	\$2.69	\$3.17	\$3.33	\$3.32	\$3.06	\$2.82	\$2.61	\$2.57	\$2.46	\$2.51	\$2.39	\$2.29
316/316L VV	\$3.15	\$3.62	\$3.71	\$3.80	\$3.56	\$3.31	\$3.09	\$3.03	\$2.95	\$3.16	\$3.04	\$2.93
317/317L	\$3.15	\$3.77	\$3.94	\$3.99	\$3.65	\$3.33	\$3.05	\$3.01	\$2.89	\$2.97	\$2.83	\$2.71
321	\$2.10	\$2.29	\$2.39	\$2.20	\$2.11	\$2.05	\$2.00	\$1.95	\$1.84	\$1.83	\$1.73	\$1.65
330/330Cb	\$5.65	\$6.40	\$6.40	\$6.08	\$5.56	\$5.32	\$5.15	\$5.11	\$4.79	\$4.78	\$4.49	\$4.32
347	\$2.23	\$2.41	\$2.52	\$2.33	\$2.24	\$2.17	\$2.13	\$2.09	\$1.99	\$1.97	\$1.87	\$1.79
405/410/410Cb/416	\$0.70	\$0.69	\$0.83	\$0.68	\$0.74	\$0.74	\$0.74	\$0.69	\$0.66	\$0.65	\$0.62	\$0.58
420	\$0.65	\$0.64	\$0.78	\$0.64	\$0.70	\$0.70	\$0.70	\$0.65	\$0.63	\$0.62	\$0.59	\$0.55
420F	\$0.80	\$0.83	\$0.99	\$0.87	\$0.91	\$0.88	\$0.85	\$0.80	\$0.78	\$0.78	\$0.74	\$0.70
422	\$1.01	\$1.13	\$1.31	\$1.25	\$1.23	\$1.16	\$1.08	\$1.05	\$1.02	\$1.04	\$1.01	\$0.96
430/430F	\$0.87	\$0.88	\$1.02	\$0.90	\$0.95	\$0.93	\$0.91	\$0.86	\$0.83	\$0.82	\$0.78	\$0.73
431	\$1.05	\$1.08	\$1.21	\$1.06	\$1.09	\$1.07	\$1.06	\$1.02	\$0.97	\$0.95	\$0.90	\$0.85
440A/440C/440FSe	\$0.80	\$0.79	\$0.92	\$0.78	\$0.84	\$0.84	\$0.84	\$0.79	\$0.76	\$0.74	\$0.71	\$0.66
446	\$1.19	\$1.18	\$1.30	\$1.15	\$1.22	\$1.22	\$1.22	\$1.16	\$1.11	\$1.08	\$1.03	\$0.96
450 (XM-25)	\$1.98	\$2.23	\$2.39	\$2.30	\$2.18	\$2.06	\$1.95	\$1.92	\$1.85	\$1.86	\$1.78	\$1.70
455 VV	\$1.89	\$2.07	\$2.16	\$2.08	\$2.04	\$1.98	\$1.94	\$1.88	\$1.79	\$1.89	\$1.80	\$1.74
A-286	\$4.39	\$5.08	\$5.17	\$5.04	\$4.61	\$4.32	\$4.09	\$4.03	\$3.81	\$3.85	\$3.64	\$3.49
Duplex 2205 (F51)	\$2.29	\$2.79	\$3.01	\$3.12	\$2.89	\$2.60	\$2.33	\$2.28	\$2.22	\$2.30	\$2.22	\$2.11
Greek Ascoloy (418)	\$1.13	\$1.15	\$1.32	\$1.18	\$1.19	\$1.21	\$1.20	\$1.17	\$1.13	\$1.13	\$1.09	\$1.05
H46/403Cb+	\$1.00	\$1.11	\$1.29	\$1.22	\$1.21	\$1.13	\$1.06	\$1.02	\$0.99	\$1.01	\$0.97	\$0.93
Jethete (M152)	\$1.27	\$1.51	\$1.69	\$1.68	\$1.59	\$1.45	\$1.31	\$1.27	\$1.23	\$1.27	\$1.22	\$1.16
N32 (XM-28)	\$1.13	\$1.12	\$1.25	\$1.09	\$1.12	\$1.11	\$1.10	\$1.05	\$1.00	\$0.98	\$0.93	\$0.87
N33 (XM-29)	\$1.36	\$1.40	\$1.52	\$1.35	\$1.35	\$1.33	\$1.31	\$1.26	\$1.20	\$1.18	\$1.11	\$1.05
N40 (XM-11)	\$1.89	\$2.02	\$2.14	\$1.97	\$1.91	\$1.85	\$1.80	\$1.75	\$1.66	\$1.65	\$1.56	\$1.48
N50 (XM-19)	\$3.07	\$3.59	\$3.76	\$3.75	\$3.47	\$3.19	\$2.96	\$2.92	\$2.79	\$2.84	\$2.72	\$2.59
N60 (Alloy 218)	\$1.98	\$2.13	\$2.23	\$2.04	\$1.96	\$1.90	\$1.86	\$1.81	\$1.71	\$1.70	\$1.60	\$1.52

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

CONVERSION SERVICES

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Energy	\$0.01	\$0.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00



LOW ALLOY STEEL & GEAR STEEL GRADES

Grade	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
300M	\$0.73	\$0.81	\$0.98	\$0.86	\$0.86	\$0.81	\$0.77	\$0.73	\$0.71	\$0.72	\$0.69	\$0.67
4330	\$0.75	\$0.83	\$1.00	\$0.89	\$0.88	\$0.82	\$0.78	\$0.75	\$0.72	\$0.74	\$0.70	\$0.68
4340	\$0.69	\$0.76	\$0.91	\$0.79	\$0.79	\$0.75	\$0.72	\$0.69	\$0.66	\$0.68	\$0.64	\$0.62
4340/4343 VV	\$0.74	\$0.83	\$0.95	\$0.92	\$0.96	\$0.92	\$0.89	\$0.84	\$0.80	\$0.83	\$0.79	\$0.76
4620	\$0.62	\$0.67	\$0.83	\$0.70	\$0.71	\$0.68	\$0.66	\$0.62	\$0.60	\$0.61	\$0.58	\$0.57
6150	\$0.35	\$0.34	\$0.50	\$0.36	\$0.41	\$0.41	\$0.41	\$0.38	\$0.36	\$0.37	\$0.35	\$0.34
9310	\$0.88	\$0.95	\$1.10	\$0.96	\$0.94	\$0.91	\$0.88	\$0.85	\$0.81	\$0.82	\$0.78	\$0.75
9310 VV	\$0.99	\$1.10	\$1.20	\$1.15	\$1.17	\$1.13	\$1.10	\$1.05	\$1.00	\$1.03	\$0.98	\$0.94
D6AC	\$0.65	\$0.76	\$0.95	\$0.89	\$0.87	\$0.79	\$0.71	\$0.68	\$0.67	\$0.70	\$0.67	\$0.65
HP-9-4-30	\$2.90	\$2.95	\$2.92	\$2.83	\$2.65	\$2.46	\$2.29	\$2.21	\$2.35	\$2.39	\$2.26	\$2.19
HyTuf	\$0.70	\$0.77	\$0.93	\$0.81	\$0.81	\$0.76	\$0.73	\$0.70	\$0.67	\$0.69	\$0.65	\$0.63
Maraging 250 VV	\$5.94	\$6.53	\$6.46	\$6.75	\$6.17	\$5.59	\$5.06	\$4.94	\$5.15	\$5.33	\$5.10	\$4.95
Maraging 300 VV	\$6.26	\$6.80	\$6.68	\$6.99	\$6.40	\$5.79	\$5.23	\$5.10	\$5.37	\$5.56	\$5.32	\$5.16
Nitriding 135 Modified	\$0.47	\$0.50	\$0.66	\$0.55	\$0.58	\$0.56	\$0.53	\$0.50	\$0.48	\$0.50	\$0.48	\$0.46
Nitriding N	\$1.03	\$1.14	\$1.28	\$1.15	\$1.11	\$1.06	\$1.02	\$0.99	\$0.94	\$0.96	\$0.91	\$0.88
X53 VV	\$1.58	\$2.02	\$2.23	\$2.43	\$2.28	\$2.02	\$1.77	\$1.73	\$1.70	\$1.82	\$1.77	\$1.71

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TOOL STEEL & BEARING STEEL GRADES

Grade	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
52-100	\$0.33	\$0.32	\$0.47	\$0.33	\$0.38	\$0.38	\$0.38	\$0.35	\$0.34	\$0.34	\$0.32	\$0.32
A2	\$0.77	\$0.92	\$1.11	\$1.08	\$1.05	\$0.94	\$0.84	\$0.80	\$0.79	\$0.83	\$0.80	\$0.77
A6	\$0.64	\$0.79	\$0.99	\$0.96	\$0.92	\$0.81	\$0.71	\$0.69	\$0.68	\$0.72	\$0.70	\$0.67
A8	\$1.02	\$1.20	\$1.40	\$1.39	\$1.34	\$1.23	\$1.12	\$1.09	\$1.07	\$1.12	\$1.09	\$1.05
A9	\$1.08	\$1.30	\$1.49	\$1.48	\$1.41	\$1.26	\$1.12	\$1.08	\$1.05	\$1.10	\$1.06	\$1.02
Chipper	\$0.93	\$1.13	\$1.32	\$1.33	\$1.28	\$1.14	\$1.01	\$0.97	\$0.95	\$1.00	\$0.97	\$0.92
D2	\$0.94	\$1.06	\$1.22	\$1.17	\$1.17	\$1.07	\$0.99	\$0.94	\$0.91	\$0.93	\$0.90	\$0.85
H11	\$0.80	\$0.96	\$1.14	\$1.12	\$1.08	\$0.97	\$0.87	\$0.83	\$0.81	\$0.85	\$0.82	\$0.79
H13	\$0.90	\$1.11	\$1.30	\$1.32	\$1.26	\$1.11	\$0.96	\$0.92	\$0.90	\$0.95	\$0.93	\$0.88
L6	\$0.68	\$0.75	\$0.91	\$0.78	\$0.78	\$0.74	\$0.71	\$0.68	\$0.65	\$0.67	\$0.63	\$0.61
M2	\$2.47	\$3.22	\$3.63	\$4.06	\$3.68	\$3.24	\$2.77	\$2.78	\$2.77	\$3.00	\$2.97	\$2.87
M50	\$1.54	\$2.11	\$2.39	\$2.67	\$2.41	\$2.02	\$1.65	\$1.61	\$1.62	\$1.77	\$1.74	\$1.66
M50 VV	\$1.61	\$2.10	\$2.31	\$2.59	\$2.43	\$2.12	\$1.82	\$1.77	\$1.76	\$1.92	\$1.89	\$1.82
M50NiL VV	\$2.02	\$2.56	\$2.76	\$3.03	\$2.82	\$2.48	\$2.17	\$2.12	\$2.09	\$2.25	\$2.19	\$2.12
01	\$0.39	\$0.38	\$0.54	\$0.41	\$0.45	\$0.55	\$0.46	\$0.42	\$0.41	\$0.42	\$0.40	\$0.39
O6	\$0.37	\$0.39	\$0.56	\$0.44	\$0.47	\$1.20	\$0.44	\$0.40	\$0.39	\$0.41	\$0.39	\$0.38
07	\$0.47	\$0.45	\$0.63	\$0.49	\$0.54	\$0.55	\$0.55	\$0.52	\$0.51	\$0.52	\$0.50	\$0.49
S7	\$0.94	\$1.20	\$1.42	\$1.47	\$1.38	\$1.20	\$1.03	\$1.00	\$0.98	\$1.05	\$1.02	\$0.98

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