

**STAINLESS BAR
RAW MATERIAL COMPOSITION
\$/LB**

NOVEMBER 2018 SURCHARGE TABLE

GRADE	Ni	Mo	Cr	Fe	Cu	ENERGY	TOTAL
302HQ	\$0.34	\$0.22	\$0.16	\$0.08	\$0.06	\$0.00	\$0.86
303	\$0.31	\$0.01	\$0.17	\$0.09	\$0.01	\$0.00	\$0.59
304/L	\$0.31	\$0.01	\$0.17	\$0.08	\$0.01	\$0.00	\$0.58
316/L	\$0.38	\$0.19	\$0.17	\$0.08	\$0.01	\$0.00	\$0.83
316Ti	\$0.38	\$0.19	\$0.17	\$0.08	\$0.01	\$0.00	\$0.83
305	\$0.42	\$0.00	\$0.18	\$0.08	\$0.00	\$0.00	\$0.68
310	\$0.75	\$0.00	\$0.25	\$0.06	\$0.00	\$0.00	\$1.06
314	\$0.77	\$0.00	\$0.25	\$0.06	\$0.00	\$0.00	\$1.08
321	\$0.34	\$0.00	\$0.18	\$0.08	\$0.00	\$0.00	\$0.60
347	\$0.35	\$0.00	\$0.18	\$0.08	\$0.00	\$0.00	\$0.61
410	\$0.00	\$0.00	\$0.12	\$0.11	\$0.00	\$0.00	\$0.23
416	\$0.01	\$0.00	\$0.13	\$0.11	\$0.00	\$0.00	\$0.25
420	\$0.01	\$0.00	\$0.13	\$0.11	\$0.00	\$0.00	\$0.25
430	\$0.01	\$0.00	\$0.17	\$0.11	\$0.00	\$0.00	\$0.29
430F	\$0.01	\$0.00	\$0.17	\$0.11	\$0.00	\$0.00	\$0.29
430FR	\$0.01	\$0.00	\$0.17	\$0.11	\$0.00	\$0.00	\$0.29
630 (17-4)	\$0.19	\$0.00	\$0.16	\$0.11	\$0.09	\$0.00	\$0.55
2205	\$0.22	\$0.23	\$0.22	\$0.09	\$0.00	\$0.00	\$0.76
ALLOY							
B7	\$0.00	\$0.01	\$0.01	\$0.13	\$0.00	\$0.00	\$0.15
B16	\$0.00	\$0.04	\$0.01	\$0.13	\$0.00	\$0.00	\$0.18

October 20, 2018

	<u>Base</u>	<u>Averages</u>
Molybdenum	\$5.00	\$11.92
Nickel	\$3.00	\$5.94
Nickel Premium		\$0.38
Chrome	\$0.40	\$1.24
Iron	\$0.0625	\$0.18
Copper	\$1.00	\$2.83
Natural Gas	\$6.00	\$3.15