

## Sandvik Surcharge Calculation

### One Month Prior Element Average

(\$/lb.)

	1/16/20 - 2/15/20	2/16/20 - 3/15/20	3/16/20 - 4/15/20	4/16/20 - 5/15/20	5/16/20 - 6/15/20	6/16/20 - 7/15/20
<b>Cr</b>	\$1.010	\$1.010	\$1.072	\$1.140	\$1.140	\$1.140
<b>Ni</b>	\$5.950	\$5.690	\$5.150	\$5.470	\$5.670	\$5.880
<b>Mo</b>	\$11.310	\$10.620	\$9.360	\$9.470	\$8.820	\$8.240
<b>Fe</b>	\$0.113	\$0.113	\$0.094	\$0.104	\$0.108	\$0.110

### Monthly Surcharges

(\$/lb.)

	Jun-20		Jul-20		Aug-20	
	HF	CF	HF	CF	HF	CF
<b>303</b>	\$0.26	\$0.31	\$0.29	\$0.34	\$0.32	\$0.38
<b>304L</b>	\$0.26	\$0.31	\$0.29	\$0.34	\$0.32	\$0.38
<b>321</b>	\$0.26	\$0.31	\$0.29	\$0.34	\$0.32	\$0.38
<b>347</b>	\$0.26	\$0.31	\$0.29	\$0.34	\$0.32	\$0.38
<b>2507</b>	\$0.55	\$0.64	\$0.53	\$0.63	\$0.53	\$0.62
<b>316L</b>	\$0.44	\$0.52	\$0.45	\$0.53	\$0.47	\$0.55
<b>3R60</b>	\$0.45	\$0.52	\$0.46	\$0.54	\$0.48	\$0.56
<b>310</b>	\$0.39	\$0.46	\$0.44	\$0.52	\$0.50	\$0.59
<b>2205</b>	\$0.46	\$0.54	\$0.45	\$0.53	\$0.45	\$0.53
<b>317L</b>	\$0.52	\$0.61	\$0.53	\$0.62	\$0.54	\$0.63
<b>600</b>	\$0.58	\$0.69	\$0.78	\$0.91	\$0.98	\$1.15
<b>800</b>	\$0.38	\$0.45	\$0.47	\$0.56	\$0.56	\$0.66
<b>825</b>	\$0.65	\$0.76	\$0.73	\$0.86	\$0.82	\$0.96
<b>Alloy 20</b>	\$0.58	\$0.68	\$0.65	\$0.76	\$0.73	\$0.86
<b>400</b>	\$0.45	\$0.52	\$0.63	\$0.74	\$0.81	\$0.96
<b>625</b>	\$1.21	\$1.42	\$1.30	\$1.53	\$1.40	\$1.65
<b>904L</b>	\$0.67	\$0.79	\$0.70	\$0.82	\$0.74	\$0.87
<b>2304</b>	\$0.27	\$0.32	\$0.29	\$0.34	\$0.30	\$0.35
<b>253MA</b>	\$0.27	\$0.32	\$0.31	\$0.36	\$0.34	\$0.40
<b>28//</b>	\$0.67	\$0.79	\$0.72	\$0.85	\$0.78	\$0.92
<b>2RE10</b>	\$0.36	\$0.42	\$0.41	\$0.49	\$0.47	\$0.56
<b>2RE69</b>	\$0.51	\$0.60	\$0.55	\$0.65	\$0.60	\$0.70
<b>3RE60</b>	\$0.41	\$0.48	\$0.41	\$0.48	\$0.40	\$0.47
<b>601</b>	\$0.56	\$0.66	\$0.72	\$0.85	\$0.89	\$1.04
<b>HP160</b>	\$0.44	\$0.52	\$0.45	\$0.53	\$0.46	\$0.54
<b>71</b>	\$0.59	\$0.69	\$0.78	\$0.92	\$0.99	\$1.17
<b>80</b>	\$0.43	\$0.51	\$0.44	\$0.52	\$0.45	\$0.53
<b>200</b>	\$0.62	\$0.73	\$0.88	\$1.04	\$1.16	\$1.37
<b>309</b>	\$0.30	\$0.36	\$0.34	\$0.40	\$0.38	\$0.45
<b>330</b>	\$0.39	\$0.46	\$0.49	\$0.57	\$0.59	\$0.69
<b>446</b>	\$0.25	\$0.30	\$0.26	\$0.30	\$0.26	\$0.30
<b>690</b>	\$0.60	\$0.71	\$0.76	\$0.90	\$0.93	\$1.10
<b>702</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>2707</b>	\$0.62	\$0.73	\$0.60	\$0.71	\$0.58	\$0.69
<b>2906</b>	\$0.44	\$0.52	\$0.45	\$0.53	\$0.45	\$0.53
<b>21.6.9</b>	\$0.29	\$0.34	\$0.31	\$0.36	\$0.32	\$0.38
<b>254SMO</b>	\$0.73	\$0.86	\$0.73	\$0.86	\$0.73	\$0.86
<b>316LVAR</b>	\$0.46	\$0.54	\$0.48	\$0.56	\$0.50	\$0.59
<b>353MA</b>	\$0.43	\$0.51	\$0.53	\$0.62	\$0.63	\$0.74
<b>HAST C276</b>	\$1.59	\$1.87	\$1.60	\$1.88	\$1.63	\$1.92
<b>NANOFLEX</b>	\$0.48	\$0.57	\$0.47	\$0.56	\$0.47	\$0.55
<b>SAFUREX</b>	\$0.44	\$0.52	\$0.45	\$0.53	\$0.45	\$0.53
<b>316Ti</b>	\$0.40	\$0.47	\$0.41	\$0.49	\$0.43	\$0.51
<b>410</b>	\$0.16	\$0.19	\$0.17	\$0.20	\$0.17	\$0.20
<b>SA29</b>	\$0.73	\$0.86	\$0.78	\$0.92	\$0.84	\$0.99
<b>SAN23</b>	\$0.77	\$0.90	\$0.78	\$0.92	\$0.79	\$0.93
<b>Nitronic 50</b>	\$0.44	\$0.52	\$0.46	\$0.54	\$0.48	\$0.56
<b>316LVM</b>		\$0.00		\$0.00		\$0.00