2018 RAW MATERIAL SURCHARGES (US$/Pound)

UNIVERSAL STAINLESS

STAINLESS STEEL GRADES

Grade	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
13-8 VV	$0.77	$0.77	$0.89									
15-5	$0.66	$0.65	$0.70									
16-6	$0.67	$0.65	$0.73									
17-4 (630)	$0.67	$0.65	$0.70									
17-7 (631)	$0.68	$0.66	$0.74									
303/303Se	$0.74	$0.71	$0.79									
304/304L	$0.75	$0.72	$0.80									
309/309S/309L	$0.98	$0.93	$1.06									
310/310S	$1.20	$1.12	$1.30									
316/316L	$0.91	$0.89	$1.07									
316/316L VV	$1.14	$1.13	$1.31									
317/317L	$0.99	$0.99	$1.19									
321	$0.77	$0.74	$0.83									
330/330Cb	$1.73	$1.60	$1.93									
347	$0.85	$0.82	$0.91									
405/410/410Cb/416	$0.38	$0.37	$0.39									
420	$0.36	$0.36	$0.37									
420F	$0.40	$0.40	$0.42									
422	$0.51	$0.52	$0.59									
430/430F	$0.44	$0.44	$0.46									
431	$0.49	$0.48	$0.51									
440A/440C/440FSe	$0.42	$0.42	$0.43									
446	$0.53	$0.52	$0.54									
450 (XM-25)	$0.76	$0.75	$0.85									
455 VV	$0.82	$0.81	$0.92									
A-286	$1.33	$1.26	$1.55									
Duplex 2205 (F51)	$0.81	$0.83	$0.99									
Greek Ascoloy (418)	$0.62	$0.62	$0.66									
H46/403Cb+	$0.46	$0.47	$0.52									
Jethete (M152)	$0.52	$0.53	$0.64									
N32 (XM-28)	$0.53	$0.51	$0.54									
N33 (XM-29)	$0.59	$0.57	$0.61									
N40 (XM-11)	$0.73	$0.70	$0.77									
N50 (XM-19)	$1.02	$1.00	$1.19									
N60 (Alloy 218)	$0.73	$0.70	$0.78									

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	$0.00	$0.00	$0.00									

2018 RAW MATERIAL SURCHARGES (US$/Pound)

UNIVERSAL STAINLESS

LOW ALLOY STEEL & GEAR STEEL GRADES

Grade	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
300M	$0.39	$0.39	$0.45									
4330	$0.41	$0.43	$0.55									
4340	$0.39	$0.38	$0.44									
4340/4343 VV	$0.41	$0.40	$0.44									
4620	$0.36	$0.36	$0.40									
6150	$0.29	$0.30	$0.33									
9310	$0.44	$0.42	$0.47									
9310 VV	$0.45	$0.44	$0.49									
D6AC	$0.37	$0.39	$0.46									
HP-9-4-30	$2.45	$2.81	$3.05									
HyTuf	$0.39	$0.38	$0.43									
Maraging 250 VV	$3.57	$4.04	$4.42									
Maraging 300 VV	$4.00	$4.56	$4.96									
Nitriding 135 Modified	$0.32	$0.32	$0.35									
Nitriding N	$0.47	$0.45	$0.52									
X53 VV	$0.68	$0.70	$0.80									

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

TOOL STEEL & BEARING STEEL GRADES

Grade	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
52-100	$0.30	$0.30	$0.32									
A2	$0.43	$0.46	$0.55									
A6	$0.36	$0.38	$0.44									
A8	$0.60	$0.64	$0.78									
A9	$0.53	$0.58	$0.76									
Chipper	$0.50	$0.53	$0.64									
D2	$0.53	$0.57	$0.69									
H11	$0.44	$0.47	$0.59									
H13	$0.48	$0.54	$0.73									
L6	$0.38	$0.38	$0.42									
M2	$1.27	$1.43	$1.84									
M50	$0.59	$0.69	$0.96									
M50 VV	$0.70	$0.76	$0.92									
M50NiL VV	$0.83	$0.88	$1.09									
O1	$0.34	$0.34	$0.38									
O6	$0.28	$0.29	$0.31									
O7	$0.42	$0.43	$0.47									
S7	$0.43	$0.47	$0.58									

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

ELECTRODE SURCHARGE (contained within the AOD electric arc melted grades above)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Electrode Surcharge	$0.04	$0.04	$0.04									