### For Orders and Contracts Prior to March 1, 2013 only! Please refer to the Carpenter Website for current values!

# Latrobe Specialty Metals High Speed, Cold Work & Hot Work Steels Raw Material Surcharges (\$/lb) for May 2020

High Speed Steel			Cold Work Die Steels			<b>Hot Work Die Steels</b>		
M1	Tatmo	\$1.50	A2	Select-B	\$0.43	A8+	MGR-MQ	\$0.64
M2	Double 6	\$2.03	A6	Lesco A6	\$0.35	H10	Dart	\$0.55
M2	Double 6-XL	\$2.03	A7	BR-3	\$1.59	H11	Dycast	\$0.52
M2	HS29	\$1.96	A7	Brickmold	\$1.62	H11+	Dycast-VAR	\$0.52
M2	HS29-XL	\$1.96	A8	MGR	\$0.64	H12	LPD	\$0.65
M3I	Corsair	\$2.08	A9	Mazeman	\$0.76	H13	VDC	\$0.67
M3II	Crusader	\$2.23	A10	Graph-Air	\$0.47	H13+	VDC-MQ	\$0.67
M4	Stark	\$2.32	A18	Whitebear	\$1.02	H13++	VDC-RF	\$0.64
M7	Tatmo-VN	\$1.77	D2	Olympic	\$0.63	H13-FM	Viscount	\$0.67
M11	Vancomo	\$1.57	D3	GSN	\$0.39	H14	Lumdie	\$0.78
M33	Kelvan	\$2.12	D4	GSN+Mo	\$0.53	H19	Lesco19	\$1.64
M35	HS 105	\$2.24	D5	Riptide	\$0.56	H21	CLW	\$1.48
M42	Dynamax	\$2.09	D7	BR-4	\$1.51	H26	H26 Mod	\$2.77
M50	CM-50	\$0.93	L6	Montana	\$0.84	H43	Lesco 43	\$1.60
M51	M51	\$3.15	O1	Badger	\$0.30	P20	Bruno	\$0.29
M52	CM52	\$1.65	O6	Graph-Mo	\$0.27	P21	Cascade	\$0.49
T15	Dynavan	\$3.34	07	Lesco O7	\$0.43	S7+	S7-MQ	\$0.40
	Abscido	\$1.48	S1	XL-Chisel	\$0.56	420SS	Saxman6R	\$0.42
	Supersaw	\$1.54	S2	Trident	\$0.34	420-FM	Saxman-FM	\$0.42
			S4	Damascus	\$0.24		CAT H10	\$0.58
			S5	Lanark	\$0.43		Chromo-N	\$0.69
			S7	Bearcat	\$0.40		HC-H13	\$0.72
			4140H	Brake Die	\$0.26		HW-108	\$0.92
				Chipper	\$0.54		LSC2367	\$0.72
				Koncor	\$1.44		Magnadie	\$0.51
				Lescowear	\$1.22		Mandrel	\$0.40
				Staminal	\$0.45		PS-55	\$0.39
				Typlex	\$0.57			
				Vertex	\$0.62			

Raw Material Surcharges have been historically calulated based upon a 3 month rolling average for each of the raw material components. However, due to the volatility of raw material costs, Latrobe Specialty Metals reserves the right to modify the surcharge calculation based upon current market conditions.

Refer to Customer Service for applicable surcharges for grades not listed.

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# Latrobe Specialty Metals Aerospace Alloys Raw Material Surcharges (\$/lb) for May 2020

Structural Alloys		Corrosion (R	Remelted)	Bearing Steels	
3311	\$0.44	15-5PH	\$0.75	440C	\$0.43
4130 , 4140, 4150	\$0.28	17-4PH	\$0.73	440C AM	\$0.44
4319, 4320, 4343	\$0.38	316L	\$1.26	440N-DUR	\$0.37
4340 VV	\$0.40	403 SS	\$0.37	52100	\$0.26
4340	\$0.38	422 SS	\$0.56	52100T2	\$0.27
4340L	\$0.42	Jethete	\$1.00	Aero-A6	\$0.34
4340L+	\$0.46	L410Cb	\$0.41	BG-42	\$1.30
4350, 4619, 4620	\$0.38	PH13-8Mo	\$1.01	CBS 223	\$0.68
6150	\$0.32	QS53	\$1.68	CBS 600	\$0.47
8620	\$0.30	XM-27	\$0.60	CBS50Nil	\$1.41
9310 VV	\$0.47		+	CSS-42L	\$2.17
9310, 9315	\$0.44			Dynaflex	\$0.58
16NCD13	\$0.45	Air Melt S	tainless	L-6490	\$1.03
300M	\$0.41			Lesco 53	\$0.87
35NCD16	\$0.48	303	\$0.90	M-50	\$1.18
4330+V, 4335+V	\$0.42	304	\$0.88	QC61	\$2.30
A-286	\$1.79	304HN	\$0.84	QC64	\$2.19
AF1410	\$1.92	309	\$1.51		
D6AC	\$0.43	310	\$1.51		
GNB100	\$0.64	316	\$1.26	High Temper	rature
HP-9-4-20	\$1.13	321	\$0.93		
HP-9-4-30	\$1.03	347	\$1.26	MP159 Bar	\$8.24
HTC	\$0.33	403	\$0.37		
HY180	\$1.53	405	\$0.37	MP35N Bar	\$9.50
HYTUF	\$0.40	410	\$0.35	MP35N Billet	\$7.60
L-6305	\$0.40	416	\$0.41	MP35N Coil	\$9.50
LSC100	\$1.98	418	\$0.41	MP35N Tubing	\$19.00
MarCast	\$2.24	420	\$0.35	Λ ο πο ν	<b>640.70</b>
Marvac 250	\$2.34 \$2.51	422 431	\$0.56	Aerex	\$13.72
Marvac 300 Marvac 350	\$2.51 \$2.80	440	\$0.57 \$0.46	LS-A286	\$1.79
Nitralloy 135	\$2.60 \$0.29	17-4PH	\$0.46 \$0.73	LSS-718	\$3.83
Nitralloy N	\$0.23 \$0.47	TLS33SS	\$0.73 \$0.53	LSS-625	\$4.92
QM54	\$1.77	TLS40SS	\$0.73	LSS-HX	\$0.00
UT-18	\$0.44	TLS50SS	\$1.34	WELD6	\$4.92
UT-19	\$0.51	TLS60SS	\$0.87		·

Raw Material Surcharges have been historically calulated based upon a 3 month rolling average for each of the raw material components. However, due to the volatility of raw material costs, Latrobe Specialty Metals reserves the right to modify the surcharge calculation based upon current market conditions.

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#### Latrobe Specialty Metals Conversion Sales Raw Material Surcharges (\$/lb) for May 2020

Conversion						
Non-Ti Air Cool	\$0.01					
Non-Ti Fce Cool	\$0.01					
General Ti	\$0.01					
Special Processing	\$0.01					
Machining Only	\$0.00					
Remelt Only	\$0.00					

Raw Material Surcharges have been historically calulated based upon a 3 month rolling average for each of the raw material components. However, due to the volatility of raw material costs, Latrobe Specialty Metals reserves the right to modify the surcharge calculation based upon current market conditions.

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