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

High Speed Steel		Cold Work Die Steels		eels	Hot Work Die Steels		
Tatmo	\$1.60	A2	Select-B	\$0.45	A8+	MGR-MQ	\$0.67
Double 6	\$2.16	A6	Lesco A6	\$0.37	H10	Dart	\$0.58
Double 6-XL	\$2.16	A7	BR-3	\$1.68	H11	Dycast	\$0.55
HS29	\$2.08	A7	Brickmold	\$1.71	H11+	Dycast-VAR	\$0.55
HS29-XL	\$2.08	A8	MGR	\$0.67	H12	LPD	\$0.69
Corsair	\$2.20	A9	Mazeman	\$0.81	H13	VDC	\$0.71
Crusader	\$2.37	A10	Graph-Air	\$0.50	H13+	VDC-MQ	\$0.71
Stark	\$2.46	A18	Whitebear	\$1.08	H13++	VDC-RF	\$0.68
Tatmo-VN	\$1.88	D2	Olympic	\$0.66	H13-FM	Viscount	\$0.71
Vancomo	\$1.68	D3	GSN	\$0.40	H14	Lumdie	\$0.82
Kelvan	\$2.32	D4	GSN+Mo	\$0.55	H19	Lesco19	\$1.76
HS 105	\$2.41	D5	Riptide	\$0.60	H21	CLW	\$1.56
Dynamax	\$2.28	D7	BR-4	\$1.59	H26	H26 Mod	\$2.93
CM-50	\$0.99	L6	Montana	\$0.89	H43	Lesco 43	\$1.70
M51	\$3.41	O1	Badger	\$0.32	P20	Bruno	\$0.30
CM52	\$1.75	O6	Graph-Mo	\$0.28	P21	Cascade	\$0.52
Dynavan	\$3.57	O7	Lesco O7	\$0.45	S7+	S7-MQ	\$0.42
Abscido	\$1.56	S1	XL-Chisel	\$0.59	420SS	Saxman6R	\$0.44
Supersaw	\$1.70	S2	Trident	\$0.36	420-FM	Saxman-FM	\$0.44
		S4	Damascus	\$0.24		CAT H10	\$0.61
		S5	Lanark	\$0.45		Chromo-N	\$0.72
		S7	Bearcat	\$0.42		HC-H13	\$0.76
		4140H	Brake Die	\$0.28		HW-108	\$1.00
			Chipper	\$0.56		LSC2367	\$0.76
			Koncor	\$1.52		Magnadie	\$0.53
			Lescowear	\$1.29		Mandrel	\$0.43
			Staminal	\$0.47		PS-55	\$0.42
			Typlex	\$0.60			
			Vertex	\$0.65			
	Tatmo Double 6 Double 6-XL HS29 HS29-XL Corsair Crusader Stark Tatmo-VN Vancomo Kelvan HS 105 Dynamax CM-50 M51 CM52 Dynavan Abscido	Tatmo \$1.60 Double 6 \$2.16 Double 6-XL \$2.16 HS29 \$2.08 HS29-XL \$2.08 Corsair \$2.20 Crusader \$2.37 Stark \$2.46 Tatmo-VN \$1.88 Vancomo \$1.68 Kelvan \$2.32 HS 105 \$2.41 Dynamax \$2.28 CM-50 \$0.99 M51 \$3.41 CM52 \$1.75 Dynavan \$3.57 Abscido \$1.56	Tatmo \$1.60 A2 Double 6 \$2.16 A6 Double 6-XL \$2.16 A7 HS29 \$2.08 A7 HS29-XL \$2.08 A8 Corsair \$2.20 A9 Crusader \$2.37 A10 Stark \$2.46 A18 Tatmo-VN \$1.88 D2 Vancomo \$1.68 D3 Kelvan \$2.32 D4 HS 105 \$2.41 D5 Dynamax \$2.28 D7 CM-50 \$0.99 L6 M51 \$3.41 O1 CM52 \$1.75 O6 Dynavan \$3.57 O7 Abscido \$1.56 S1 Supersaw \$1.70 S2 S4 S5 S7	Tatmo \$1.60 A2 Select-B  Double 6 \$2.16 A6 Lesco A6  Double 6-XL \$2.16 A7 BR-3  HS29 \$2.08 A7 Brickmold  HS29-XL \$2.08 A8 MGR  Corsair \$2.20 A9 Mazeman  Crusader \$2.37 A10 Graph-Air  Stark \$2.46 A18 Whitebear  Tatmo-VN \$1.88 D2 Olympic  Vancomo \$1.68 D3 GSN  Kelvan \$2.32 D4 GSN+Mo  HS 105 \$2.41 D5 Riptide  Dynamax \$2.28 D7 BR-4  CM-50 \$0.99 L6 Montana  M51 \$3.41 O1 Badger  CM52 \$1.75 O6 Graph-Mo  Dynavan \$3.57 O7 Lesco O7  Abscido \$1.56 S1 XL-Chisel  Supersaw \$1.70 S2 Trident  S4 Damascus  S5 Lanark  S7 Bearcat  4140H Brake Die  Chipper  Koncor  Lescowear  Staminal  Typlex	Tatmo \$1.60 A2 Select-B \$0.45 Double 6 \$2.16 A6 Lesco A6 \$0.37 Double 6-XL \$2.16 A7 BR-3 \$1.68 HS29 \$2.08 A7 Brickmold \$1.71 HS29-XL \$2.08 A8 MGR \$0.67 Corsair \$2.20 A9 Mazeman \$0.81 Crusader \$2.37 A10 Graph-Air \$0.50 Stark \$2.46 A18 Whitebear \$1.08 Tatmo-VN \$1.88 D2 Olympic \$0.66 Vancomo \$1.68 D3 GSN \$0.40 Kelvan \$2.32 D4 GSN+Mo \$0.55 HS 105 \$2.41 D5 Riptide \$0.60 Dynamax \$2.28 D7 BR-4 \$1.59 CM-50 \$0.99 L6 Montana \$0.89 M51 \$3.41 O1 Badger \$0.32 CM52 \$1.75 O6 Graph-Mo \$0.28 Dynavan \$3.57 O7 Lesco O7 \$0.45 Abscido \$1.56 S1 XL-Chisel \$0.59 Supersaw \$1.70 S2 Trident \$0.36 S4 Damascus \$0.24 S5 Lanark \$0.45 S7 Bearcat \$0.42 4140H Brake Die \$0.56 Koncor \$1.52 Lescowear \$1.29 Staminal \$0.47 Typlex \$0.60	Tatmo \$1.60 A2 Select-B \$0.45 A8+ Double 6 \$2.16 A6 Lesco A6 \$0.37 H10 Double 6-XL \$2.16 A7 BR-3 \$1.68 H11 HS29 \$2.08 A7 Brickmold \$1.71 H11+ HS29-XL \$2.08 A8 MGR \$0.67 H12 Corsair \$2.20 A9 Mazeman \$0.81 H13 Crusader \$2.37 A10 Graph-Air \$0.50 H13+ Stark \$2.46 A18 Whitebear \$1.08 H13++ Tatmo-VN \$1.88 D2 Olympic \$0.66 H13-FM Vancomo \$1.68 D3 GSN \$0.40 H14 Kelvan \$2.32 D4 GSN+Mo \$0.55 H19 HS 105 \$2.41 D5 Riptide \$0.60 H21 Dynamax \$2.28 D7 BR-4 \$1.59 H26 CM-50 \$0.99 L6 Montana \$0.89 H43 M51 \$3.41 O1 Badger \$0.32 P20 CM52 \$1.75 O6 Graph-Mo \$0.28 P21 Dynavan \$3.57 O7 Lesco O7 \$0.45 S7+ Abscido \$1.56 S1 XL-Chisel \$0.59 \$228 Chipper \$0.56 Koncor \$1.52 Lescowear \$1.29 Staminal \$0.47 Typlex \$0.60	Tatmo         \$1.60         A2         Select-B         \$0.45         A8+         MGR-MQ           Double 6         \$2.16         A6         Lesco A6         \$0.37         H10         Dart           Double 6-XL         \$2.16         A7         BR-3         \$1.68         H11         Dycast           HS29         \$2.08         A7         Brickmold         \$1.71         H11+         Dycast-VAR           HS29-XL         \$2.08         A8         MGR         \$0.67         H12         LPD           Corsair         \$2.20         A9         Mazeman         \$0.81         H13         VDC           Crusader         \$2.37         A10         Graph-Air         \$0.50         H13+         VDC-MQ           Stark         \$2.46         A18         Whitebear         \$1.08         H13++         VDC-RF           Tatmo-VN         \$1.88         D2         Olympic         \$0.66         H13-FM         Viscount           Vancomo         \$1.68         D3         GSN         \$0.40         H14         Lumdie           Kelvan         \$2.32         D4         GSN+Mo         \$0.55         H19         Lesco19           HS 105         \$2.41

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 April 2020

Structural Alloys		Corrosion (I	Remelted)	<b>Bearing Steels</b>	
3311	\$0.46	15-5PH	\$0.79	440C	\$0.45
4130 , 4140, 4150	\$0.29	17-4PH	\$0.76	440C AM	\$0.45
4319, 4320, 4343	\$0.40	316L	\$1.34	440N-DUR	\$0.38
4340 VV	\$0.42	403 SS	\$0.38	52100	\$0.27
4340	\$0.40	422 SS	\$0.58	52100T2	\$0.28
4340L	\$0.44	Jethete	\$1.07	Aero-A6	\$0.36
4340L+	\$0.48	L410Cb	\$0.43	BG-42	\$1.37
4350, 4619, 4620	\$0.40	PH13-8Mo	\$1.07	CBS 223	\$0.72
6150	\$0.34	QS53	\$1.86	CBS 600	\$0.49
8620	\$0.32	XM-27	\$0.61	CBS50Nil	\$1.50
9310 VV	\$0.49			CSS-42L	\$2.41
9310, 9315	\$0.46			Dynaflex	\$0.61
16NCD13	\$0.48	Air Melt S	tainless	L-6490	\$1.09
300M	\$0.44			Lesco 53	\$0.92
35NCD16	\$0.50	303	\$0.95	M-50	\$1.25
4330+V, 4335+V	\$0.45	304	\$0.93	QC61	\$2.60
A-286	\$1.92	304HN	\$0.88	QC64	\$2.47
AF1410	\$2.16	309	\$1.61		
D6AC	\$0.45	310	\$1.61		
GNB100	\$0.68	316	\$1.34	High Temper	rature
HP-9-4-20	\$1.25	321	\$0.98		
HP-9-4-30	\$1.13	347	\$1.33	MP159 Bar	\$9.26
HTC	\$0.34	403	\$0.38		
HY180	\$1.69	405	\$0.37	MP35N Bar	\$10.59
HYTUF	\$0.42	410	\$0.35	MP35N Billet	\$8.47
L-6305	\$0.42	416	\$0.42	MP35N Coil	\$10.59
LSC100	\$2.23	418	\$0.42	MP35N Tubing	\$21.18
MarCast	\$2.49	420	\$0.36		
Marvac 250	\$2.58	422	\$0.58	Aerex	\$14.63
Marvac 300	\$2.77	431	\$0.59		
Marvac 350	\$3.09	440	\$0.47	LS-A286	\$1.92
Nitralloy 135	\$0.31	17-4PH	\$0.76	LSS-718	\$4.10
Nitralloy N	\$0.50	TLS33SS	\$0.55	LSS-625	\$5.28
QM54	\$1.94	TLS40SS	\$0.77	LSS-HX	\$0.00
UT-18	\$0.46	TLS50SS	\$1.42	WELD6	\$5.28
UT-19	\$0.54	TLS60SS	\$0.92		

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

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