

Raw Material and Energy Powder Surcharges 2021 - USD/lb.
(applicable at time of shipment)



If an alloy you purchase is not listed, call Carpenter within the U.S. at 800-654-6543. Outside the U.S., call 1-610-208-2000, press 2 for Customer Service.

Chrome-based (powder products)

Alloy Description	Jan'21	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech Micro-Melt® NiCr49Nb1	3.92	4.11	4.36	3.92	3.90	4.20	4.57	5.11	5.41	5.63	5.64	6.08
UltraFine® 17Cr-4Ni MA 3X	2.14	2.05	2.14	2.14	2.16	2.31	2.55	2.88	3.11	3.27	3.29	3.59
CarTech UltraFine® 316 MA	4.11	4.15	4.44	4.11	4.03	4.43	5.15	5.69	6.03	6.28	6.22	6.63
CarTech UltraFine® 420 MA	0.90	0.77	0.79	0.90	0.90	0.91	1.18	1.45	1.66	1.79	1.78	2.05

Cobalt-based (powder products)

Alloy Description	Jan'21	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech Micro-Melt® 1	10.00	4.68	8.65	10.00	8.26	6.87	7.49	10.53	10.61	10.77	12.43	14.60
CarTech Micro-Melt® 12	10.54	4.45	8.97	10.54	8.54	6.95	7.67	11.11	11.19	11.37	13.29	15.77
CarTech Micro-Melt® 188	9.92	5.87	9.11	9.92	8.55	7.59	8.12	10.61	10.70	10.85	12.17	13.95
CarTech Micro-Melt® 188B	9.92	5.87	9.11	9.92	8.55	7.59	8.12	10.61	10.70	10.85	12.17	13.95
CarTech Micro-Melt® 1B	10.58	4.85	9.13	10.58	8.70	7.21	7.87	11.12	11.20	11.37	13.16	15.49
CarTech Micro-Melt® 21	10.50	3.88	8.82	10.50	8.27	6.66	7.67	11.43	11.54	11.74	13.76	16.42
CarTech Micro-Melt® 50Nb	9.84	3.83	8.36	9.84	7.81	6.34	7.23	10.70	10.80	10.99	12.86	15.32
CarTech Micro-Melt® 6	7.87	3.08	6.64	7.87	6.29	5.03	5.60	8.36	8.44	8.59	10.12	12.10
CarTech Micro-Melt® 6LF	10.80	4.02	9.07	10.80	8.56	6.76	7.51	11.35	11.41	11.59	13.73	16.47
CarTech Micro-Melt® 9810	10.73	4.07	9.04	10.73	8.52	6.76	7.50	11.29	11.35	11.52	13.63	16.33
CarTech Micro-Melt® A4783	9.73	4.47	8.56	9.73	7.96	6.65	7.26	10.38	10.44	10.61	12.48	14.78
CarTech Micro-Melt® BioDur® CCM®	16.28	9.32	14.53	16.28	13.95	12.23	13.17	17.21	17.24	17.45	19.94	22.57
CarTech Micro-Melt® CCM	10.37	3.73	8.66	10.37	8.14	6.52	7.56	11.31	11.41	11.61	13.65	16.30
CarTech Micro-Melt® CCM GADS	10.37	3.73	8.66	10.37	8.14	6.52	7.56	11.31	11.41	11.61	13.65	16.30
CarTech Micro-Melt® CCM PLUS®	10.37	3.73	8.66	10.37	8.14	6.52	7.56	11.31	11.41	11.61	13.65	16.30
CarTech Micro-Melt® F	8.96	5.42	8.27	8.96	7.76	6.94	7.45	9.69	9.82	9.99	11.13	12.74
CarTech Micro-Melt® F75	10.81	3.87	9.02	10.81	8.48	6.78	7.84	11.76	11.86	12.07	14.20	16.99
CarTech Micro-Melt® G155	12.26	5.31	10.50	12.26	9.83	8.67	10.79	14.53	14.72	15.00	16.85	19.40
CarTech Micro-Melt® G185	10.73	4.83	9.33	10.73	8.76	7.24	7.92	11.36	11.43	11.60	13.48	15.93
CarTech Micro-Melt® G190	10.92	4.97	9.41	10.92	8.84	7.95	10.02	13.25	13.49	13.78	15.32	17.53
CarTech Micro-Melt® G195	8.35	4.50	7.67	8.35	7.00	6.13	6.67	9.19	9.31	9.48	10.78	12.54
CarTech Micro-Melt® HS31	10.70	4.82	9.30	10.70	8.73	7.22	7.90	11.32	11.40	11.57	13.44	15.88
CarTech Micro-Melt® Merl72	10.39	5.40	9.14	10.39	8.84	7.78	8.58	11.57	11.71	11.96	13.47	15.54
CarTech Micro-Melt® Mo1	10.19	4.61	8.76	10.19	8.35	6.98	7.80	10.95	11.05	11.24	12.95	15.21
CarTech Micro-Melt® P1316	10.80	4.79	9.37	10.80	8.79	7.25	7.93	11.42	11.49	11.66	13.58	16.06
CarTech Micro-Melt® P1318	10.80	4.79	9.37	10.80	8.79	7.25	7.93	11.42	11.49	11.66	13.58	16.06
CarTech Micro-Melt® P694	10.98	5.90	9.74	10.98	9.32	8.04	8.64	11.54	11.63	11.78	13.33	15.41
CarTech Micro-Melt® R31233	10.14	4.04	8.70	10.14	8.05	6.58	7.41	10.82	10.83	10.95	12.86	15.23
CarTech Micro-Melt® TDCA	8.11	4.41	7.46	8.11	6.81	5.99	6.51	8.95	9.07	9.24	10.50	12.20
CarTech Micro-Melt® WearCorr™	10.00	4.22	8.60	10.00	8.04	6.67	7.59	10.93	11.04	11.23	13.01	15.37

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CarTech UltraFine CCM®	10.37	3.73	8.66	10.37	8.14	6.52	7.56	11.31	11.41	11.61	13.65	16.30
CarTech UltraFine® CCM PLUS®	10.37	3.73	8.66	10.37	8.14	6.52	7.56	11.31	11.41	11.61	13.65	16.30
CarTech UltraFine® CoCr	11.01	3.93	9.19	11.01	8.63	6.89	7.97	11.96	12.06	12.27	14.42	17.24
CarTech UltraFine® F-75HP	10.81	3.87	9.03	10.81	8.48	6.78	7.85	11.77	11.87	12.08	14.20	16.97
CarTech UltraFine® H25	11.27	5.66	9.95	11.27	9.41	7.98	8.60	11.82	11.88	12.03	13.81	16.09
Micro-Melt® Maraging 509B	10.68	5.11	9.21	10.68	8.97	7.76	8.65	11.94	12.10	12.37	14.04	16.33
CarTech Micro-Melt® CTS	10.35	3.44	8.56	10.35	8.05	6.23	6.99	10.91	10.97	11.15	13.34	16.12
Micro-Melt Biodur CCM® LS	10.89	3.87	9.08	10.89	8.53	6.80	7.85	11.80	11.91	12.11	14.28	17.09
Micro-Melt CCM® A764 Mod	10.96	3.89	9.14	10.96	8.59	6.84	7.89	11.87	11.97	12.18	14.36	17.19
CarTech Micro-Melt® CoWCr	11.95	3.99	9.94	11.95	9.29	7.18	8.04	12.52	12.55	12.72	15.27	18.46
CarTech UltraFine® FeCo50	7.69	2.43	6.35	7.69	5.93	4.52	5.01	7.90	7.85	7.91	9.59	11.62
CarTech Micro-Melt® CCM MC	10.60	3.68	8.84	10.60	8.28	6.59	7.52	11.28	11.35	11.50	13.69	16.35
Cobalt/Nickel-based (powder products)												
Alloy Description	Jan'21	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech UltraFine® MP35N®	8.81	5.18	8.24	8.81	7.48	6.92	7.84	10.13	10.29	10.47	11.61	13.18
Copper-based (powder products)												
Alloy Description	Jan'21	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech Micro-Melt® C18200	4.15	3.57	3.85	4.15	4.34	4.83	4.54	4.50	4.41	4.42	4.64	4.54
CarTech Micro-Melt® CuNiSiCr	4.25	3.78	4.07	4.25	4.42	4.92	4.67	4.67	4.61	4.63	4.87	4.83
CarTech Micro-Melt® G72	4.86	4.82	5.14	4.86	4.97	5.51	5.40	5.57	5.59	5.64	5.77	5.83
CarTech UltraFine® CuNiSnP	5.27	4.44	5.04	5.27	5.53	6.25	6.04	6.13	6.41	6.40	6.78	6.80
CarTech UltraFine® C621	4.77	4.13	4.59	4.77	4.99	5.60	5.39	5.44	5.58	5.58	5.88	5.87
CarTech UltraFine® Cu15SnP	5.25	4.37	4.94	5.25	5.52	6.23	5.98	6.04	6.26	6.25	6.63	6.62
CarTech UltraFine® Cu-Electr.	4.15	3.57	3.86	4.15	4.34	4.84	4.54	4.49	4.40	4.40	4.63	4.53
CarTech UltraFine® Copper-MIM	4.18	3.59	3.88	4.18	4.36	4.86	4.56	4.51	4.43	4.43	4.65	4.55
UltraFine® C18000	4.17	3.62	3.90	4.17	4.35	4.85	4.57	4.53	4.45	4.46	4.69	4.61
Iron-based (powder products)												
Alloy Description	Jan'21	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech Micro-Melt® 5506	2.14	2.09	2.25	2.14	2.09	2.29	2.72	3.00	3.19	3.31	3.30	3.54
CarTech Micro-Melt® 654SMO	2.35	2.26	2.49	2.35	2.27	2.52	2.95	3.13	3.29	3.37	3.38	3.51
CarTech Micro-Melt® 904L	2.52	2.55	2.76	2.52	2.48	2.74	3.04	3.23	3.37	3.44	3.47	3.60
CarTech Micro-Melt® BS2766	1.18	0.71	1.03	1.18	1.03	0.98	1.18	1.42	1.45	1.44	1.54	1.70
CarTech Micro-Melt® Fe LC	0.25	0.22	0.22	0.25	0.25	0.25	0.29	0.30	0.30	0.26	0.26	0.27
CarTech Micro-Melt® Fe Powder	0.26	0.22	0.22	0.26	0.26	0.26	0.29	0.31	0.31	0.28	0.28	0.30
CarTech Micro-Melt® LAW 100X	0.25	0.22	0.22	0.25	0.25	0.25	0.29	0.30	0.30	0.27	0.27	0.28
CarTech Micro-Melt® Sanicro 28	2.79	2.88	3.10	2.79	2.75	3.03	3.28	3.50	3.66	3.75	3.80	3.97
CarTech Micro-Melt® 28	2.79	2.88	3.10	2.79	2.75	3.03	3.28	3.50	3.66	3.75	3.80	3.97
CarTech Micro-Melt NCORR®	1.84	1.83	1.94	1.84	1.82	1.97	2.28	2.55	2.79	2.92	2.95	3.23
CarTech Micro-Melt® FeCoTa	11.71	8.11	9.11	11.71	12.29	13.78	16.95	19.52	20.49	21.82	21.79	23.03
CarTech Micro-Melt® FeCoCrNi	6.16	3.48	5.70	6.16	5.22	4.62	5.05	6.86	6.98	7.12	8.02	9.32
CarTech Micro-Melt® FeCoTaMo	12.46	7.35	10.14	12.46	11.80	12.29	15.23	18.35	19.03	19.97	20.67	22.45

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CarTech Micro-Melt® AFA25	2.70	2.76	2.98	2.70	2.69	2.93	3.29	3.52	3.67	3.72	3.69	3.86
CarTech Micromelt® AFA25	2.70	2.76	2.98	2.70	2.69	2.93	3.29	3.52	3.67	3.72	3.69	3.86
CarTech Micro-Melt Ferrium® M4	9.03	7.15	8.58	9.03	8.07	9.65	14.13	14.82	15.46	15.93	15.31	15.44
CarTech Micro-Melt® 2507 SDplx	5.43	5.87	6.23	5.43	5.40	5.94	6.40	6.93	7.20	7.40	7.38	7.75
CarTech Micro-Melt® VeKo25Cr	1.61	1.27	1.43	1.61	1.56	1.61	1.81	1.92	2.07	2.08	2.07	2.17
CarTech Micro-Melt® 1.4313	0.73	0.70	0.73	0.73	0.73	0.77	0.90	1.00	1.08	1.10	1.10	1.20
Micro-Melt Aermet-for-tooling®	3.03	1.70	2.78	3.03	2.56	2.29	2.52	3.36	3.39	3.42	3.85	4.43
CarTech Micro-Melt® A-286	2.34	2.44	2.59	2.34	2.33	2.52	2.73	2.97	3.10	3.16	3.13	3.30

Iron/Cobalt-based (powder products)

Alloy Description	JAN	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech Micro-Melt Hiperco® 50	7.79	2.61	6.45	7.79	6.07	4.69	5.18	8.02	7.98	8.02	9.61	11.59
CarTech UltraFine Hiperco® 50	7.72	2.59	6.39	7.72	6.02	4.65	5.14	7.94	7.90	7.94	9.52	11.48
Micro-Melt Hiperco® 50 HS	8.41	3.09	6.99	8.41	6.67	5.28	5.78	8.66	8.63	8.65	10.17	12.14

Iron/Nickel (powder products)

Alloy Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech UltraFine® GHS 4	3.69	3.80	4.10	3.69	3.63	4.00	4.41	4.69	4.85	4.94	4.91	5.07

Nickel-based (powder products)

Alloy Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech IN100	5.38	5.55	5.98	5.38	5.27	5.86	6.67	7.21	7.51	7.74	7.72	8.09
CarTech Micro-Melt® 230	6.88	6.60	7.32	6.88	6.69	6.93	7.29	7.98	8.19	8.34	8.51	9.00
CarTech Micro-Melt® 247LC	7.79	7.13	8.11	7.79	7.58	7.92	8.43	9.44	9.67	9.91	10.17	10.79
CarTech Micro-Melt®247LC Mod 1	7.80	7.14	8.13	7.80	7.59	7.94	8.41	9.39	9.61	9.84	10.11	10.71
CarTech Micro-Melt® 282	6.57	5.70	6.91	6.57	6.11	6.35	7.11	8.19	8.43	8.63	8.93	9.64
CarTech Micro-Melt® 50/50	4.09	4.40	4.62	4.09	4.09	4.44	4.77	5.29	5.59	5.80	5.79	6.21
CarTech Micro-Melt® 600	5.27	5.84	6.16	5.27	5.27	5.78	6.00	6.48	6.69	6.85	6.85	7.17
CarTech Micro-Melt® 622	5.95	6.07	6.55	5.95	5.81	6.44	7.34	7.86	8.16	8.38	8.28	8.59
CarTech Micro-Melt® 622 AWS	5.99	6.10	6.57	5.99	5.85	6.47	7.38	7.91	8.22	8.44	8.34	8.67
CarTech Micro-Melt® 625	4.70	4.83	5.28	4.70	4.61	5.16	5.96	6.41	6.66	6.81	6.70	6.99
CarTech Micro-Melt® 625+W	5.69	5.91	6.42	5.69	5.61	6.23	7.03	7.53	7.81	7.96	7.85	8.18
CarTech Micro-Melt® 625AM	6.07	6.32	6.85	6.07	5.99	6.65	7.51	8.04	8.33	8.49	8.38	8.71
CarTech Micro-Melt® 625Ar	6.07	6.32	6.85	6.07	5.99	6.65	7.51	8.04	8.33	8.49	8.38	8.71
CarTech Micro-Melt® 625LF	6.05	6.29	6.82	6.05	5.96	6.62	7.48	8.01	8.30	8.46	8.35	8.68
CarTech Micro-Melt® 625M	6.15	6.38	6.95	6.15	6.08	6.75	7.65	8.18	8.45	8.60	8.47	8.80
CarTech Micro-Melt® 713C	5.57	6.03	6.42	5.57	5.53	6.11	6.56	7.05	7.29	7.46	7.44	7.73
CarTech Micro-Melt® 718	4.74	4.99	5.41	4.74	4.73	5.21	5.79	6.20	6.40	6.48	6.39	6.67
CarTech Micro-Melt® 80/20	5.51	6.11	6.44	5.51	5.52	6.04	6.29	6.81	7.04	7.21	7.22	7.57
CarTech Micro-Melt® 825	3.92	4.17	4.46	3.92	3.89	4.28	4.54	4.84	5.01	5.12	5.16	5.36
CarTech Micro-Melt® A4777	5.59	6.24	6.59	5.59	5.61	6.16	6.36	6.82	7.01	7.16	7.26	7.60
CarTech Micro-Melt® A4778	6.12	6.86	7.25	6.12	6.14	6.75	6.93	7.41	7.59	7.73	7.84	8.18
CarTech Micro-Melt® A4779	6.25	7.00	7.40	6.25	6.26	6.89	7.07	7.56	7.74	7.89	7.97	8.31
CarTech Micro-Melt® A4782	5.00	5.52	5.83	5.00	5.03	5.51	5.74	6.21	6.43	6.61	6.82	7.26

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CarTech Micro-Melt® B27	6.29	7.06	7.45	6.29	6.31	6.94	7.12	7.62	7.80	7.94	8.03	8.37
CarTech Micro-Melt® B40	5.65	6.30	6.65	5.65	5.66	6.22	6.42	6.90	7.10	7.25	7.33	7.67
CarTech Micro-Melt® B56	5.26	5.84	6.16	5.26	5.27	5.78	5.99	6.46	6.66	6.81	6.90	7.25
CarTech Micro-Melt® B60+	5.10	5.66	5.97	5.10	5.12	5.61	5.82	6.29	6.49	6.64	6.74	7.10
CarTech Micro-Melt® C-276	6.43	6.50	7.04	6.43	6.25	6.95	7.98	8.51	8.80	9.02	8.90	9.19
CarTech Micro-Melt® C-901	5.62	5.81	6.27	5.62	5.49	6.12	6.96	7.48	7.77	7.97	7.89	8.20
CarTech Micro-Melt® G142	5.16	5.70	6.02	5.16	5.18	5.68	5.91	6.38	6.60	6.78	6.97	7.40
CarTech Micro-Melt® G173	6.79	6.14	7.12	6.79	6.57	6.91	7.47	8.57	8.84	9.11	9.38	10.09
CarTech Micro-Melt® G183	6.66	6.02	7.10	6.66	6.29	6.50	6.98	7.95	8.15	8.31	8.60	9.26
CarTech Micro-Melt® G186	6.81	5.58	7.07	6.81	6.24	6.29	6.84	8.13	8.32	8.50	8.98	9.84
CarTech Micro-Melt® G192	4.93	5.43	5.72	4.93	4.94	5.42	5.65	6.13	6.36	6.53	6.54	6.85
CarTech Micro-Melt® G202	4.73	4.98	5.41	4.73	4.72	5.20	5.78	6.18	6.39	6.47	6.38	6.65
CarTech Micro-Melt® G207	5.60	6.23	6.57	5.60	5.61	6.15	6.38	6.88	7.10	7.26	7.27	7.60
CarTech Micro-Melt® G81	5.00	5.52	5.83	5.00	5.03	5.51	5.74	6.21	6.43	6.61	6.82	7.26
CarTech Micro-Melt® GHS-4	3.77	3.88	4.17	3.77	3.70	4.07	4.55	4.88	5.07	5.18	5.13	5.34
CarTech Micro-Melt® HX	4.51	4.64	4.99	4.51	4.42	4.90	5.58	6.01	6.26	6.43	6.37	6.64
CarTech Micro-Melt® HyMu 800	5.87	6.41	6.83	5.87	5.83	6.45	6.88	7.33	7.53	7.67	7.65	7.91
CarTech Micro-Melt® IN738	6.56	5.92	6.91	6.56	6.29	6.55	7.05	8.06	8.29	8.51	8.78	9.44
CarTech Micro-Melt® MAR-M-247	8.00	7.24	8.27	8.00	7.77	8.10	8.65	9.71	9.95	10.20	10.47	11.12
CarTech Micro-Melt® N5A	6.27	5.08	6.50	6.27	5.75	5.71	6.06	7.32	7.51	7.68	8.19	9.05
CarTech Micro-Melt® N5A/N5B	6.19	4.99	6.41	6.19	5.67	5.63	5.98	7.23	7.41	7.59	8.15	9.05
CarTech Micro-Melt® N5B	6.02	4.79	6.20	6.02	5.51	5.45	5.79	7.04	7.21	7.39	8.06	9.01
CarTech Micro-Melt® NFM 24	6.74	5.34	6.95	6.74	6.13	6.07	6.52	7.87	8.04	8.19	8.79	9.75
CarTech Micro-Melt® NiCoCrMo	7.07	5.58	7.24	7.07	6.42	6.41	7.02	8.41	8.62	8.80	9.33	10.27
CarTech Micro-Melt® NiCrMoAl	5.67	6.13	6.53	5.67	5.62	6.23	6.69	7.18	7.41	7.57	7.54	7.82
CarTech Micro-Melt® NiCrMoB	6.30	6.52	7.05	6.30	6.15	6.87	7.81	8.35	8.64	8.86	8.80	9.13
CarTech Micro-Melt® TDCA/TDCB	7.61	4.38	7.11	7.61	6.47	5.79	6.28	8.47	8.61	8.78	9.96	11.53
CarTech Micro-Melt® TDCB	6.67	4.36	6.45	6.67	5.83	5.42	5.84	7.57	7.72	7.90	8.93	10.26
CarTech UltraFine® 713C	5.55	6.01	6.40	5.55	5.51	6.10	6.54	7.03	7.27	7.44	7.42	7.71
CarTech UltraFine® 718	4.74	4.99	5.41	4.74	4.73	5.21	5.79	6.19	6.40	6.48	6.39	6.66
CarTech UltraFine® Alloy X	4.28	4.26	4.74	4.28	4.13	4.58	5.28	5.81	6.06	6.24	6.22	6.57
CarTech UltraFine® HX	4.88	4.86	5.34	4.88	4.73	5.18	5.88	6.41	6.66	6.84	6.82	7.17
CarTech UltraFine® K500	7.77	7.91	9.06	7.77	7.87	8.71	10.12	10.45	10.58	10.30	9.94	10.13
CarTech UltraFine® NiCoCrAlY	6.77	4.70	6.71	6.77	5.97	5.65	5.97	7.57	7.67	7.80	8.60	9.65
CarTech Micro-Melt® BRB	6.36	5.91	6.95	6.36	6.04	6.25	6.54	7.53	7.72	7.88	8.21	8.88
CarTech Micro-Melt® G204	5.62	6.28	6.63	5.62	5.64	6.19	6.39	6.86	7.05	7.20	7.30	7.64
CarTech Micro-Melt® Waspaloy	6.68	5.60	6.98	6.68	6.17	6.25	6.81	8.04	8.26	8.44	8.87	9.70
CarTech Micro-Melt® A914	7.87	6.35	8.23	7.87	7.18	7.10	7.43	8.96	9.09	9.23	10.01	11.09
CarTech Micro-Melt® 5 Fe	8.82	5.01	8.27	8.82	7.45	6.61	7.11	9.64	9.73	9.88	11.24	13.04
CarTech Micro-Melt® 725	5.71	5.97	6.47	5.71	5.64	6.25	7.01	7.50	7.76	7.90	7.80	8.11
CarTech UltraFine® 625	6.07	6.32	6.85	6.07	5.99	6.65	7.51	8.04	8.33	8.49	8.38	8.71

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CarTech UltraFine® Fe-50Ni	3.44	3.83	4.04	3.44	3.45	3.78	3.89	4.16	4.26	4.31	4.32	4.48
CarTech Micro-Melt® L1	6.13	6.33	6.85	6.13	6.06	6.67	7.47	7.98	8.25	8.40	8.31	8.64
CarTech Micro-Melt® Ni-24.5Cr	6.62	7.44	7.86	6.62	6.64	7.30	7.49	8.01	8.21	8.35	8.36	8.68
CarTech Micro-Melt® HX-1LC	4.93	4.85	5.37	4.93	4.76	5.20	5.90	6.45	6.70	6.88	6.88	7.24
CarTech Micro-Melt® R95	6.89	6.38	7.46	6.89	6.59	6.90	7.49	8.38	8.58	8.70	8.91	9.49
CarTech Micro-Melt® R125-1	7.69	6.89	7.92	7.69	7.45	7.81	8.46	9.53	9.80	10.06	10.31	10.97
CarTech Micro-Melt® C263	7.36	5.54	7.40	7.36	6.61	6.50	7.20	8.76	8.98	9.17	9.79	10.86
CarTech Micro-Melt® 718 AM	4.72	4.97	5.39	4.72	4.71	5.18	5.75	6.16	6.36	6.44	6.36	6.63
CarTech Micro-Melt® 690	4.49	4.91	5.17	4.49	4.50	4.90	5.17	5.65	5.89	6.06	6.07	6.42
CarTech Micro-Melt® 82	5.56	6.09	6.48	5.56	5.58	6.11	6.47	6.97	7.23	7.38	7.37	7.74
Micro-Melt® STAL18SILAY	6.71	6.48	7.09	6.71	6.69	7.24	7.88	8.75	9.07	9.38	9.48	10.01
CarTech Micro-Melt® 738 LC	6.70	6.14	7.11	6.70	6.45	6.76	7.30	8.27	8.52	8.72	8.95	9.59
CarTech Micro-Melt® 263	7.55	5.62	7.56	7.55	6.77	6.63	7.33	8.93	9.18	9.37	9.99	11.08
CarTech Micro-Melt® HX LC	4.88	4.86	5.34	4.88	4.73	5.18	5.88	6.41	6.66	6.84	6.82	7.17
CarTech Micro-Melt® HX-4	4.86	4.85	5.32	4.86	4.72	5.16	5.85	6.38	6.63	6.80	6.79	7.14
CarTech Micro-Melt® R77	6.87	5.63	7.13	6.87	6.30	6.35	6.90	8.19	8.39	8.57	9.04	9.91
CarTech Micro-Melt® 109 Mod	7.19	5.47	7.19	7.19	6.57	6.44	6.96	8.47	8.68	8.88	9.48	10.53
CarTech Micro-Melt® Ni60H	5.13	5.69	6.01	5.13	5.15	5.64	5.86	6.33	6.53	6.69	6.79	7.15
CarTech Micro-Melt® 625F-1	5.84	6.05	6.57	5.84	5.75	6.39	7.25	7.76	8.04	8.19	8.08	8.40
CarTech Micro-Melt® 792	7.25	6.56	7.50	7.25	7.06	7.47	8.14	9.19	9.48	9.76	9.97	10.62
CarTech Micro-Melt® NiCrAlY	4.82	5.30	5.59	4.82	4.83	5.30	5.53	5.99	6.22	6.39	6.40	6.69
CarTech Micro-Melt® 720	6.80	5.54	7.03	6.80	6.25	6.24	6.74	8.02	8.22	8.39	8.88	9.75
CarTech UltraFine® Ni20Cr	5.64	6.25	6.59	5.64	5.65	6.18	6.44	6.96	7.20	7.37	7.38	7.73
CarTech UltraFine® NiCrMo	4.01	3.96	4.37	4.01	3.88	4.23	4.78	5.24	5.46	5.60	5.62	5.94
CarTech UltraFine® 90	6.94	5.47	7.14	6.94	6.31	6.19	6.57	8.02	8.21	8.37	8.98	10.00
CarTech UltraFine® M400	5.79	6.16	6.53	5.79	5.85	6.46	6.50	6.84	6.95	7.05	7.15	7.34
CarTech UltraFine® R77	6.85	5.61	7.11	6.85	6.28	6.33	6.88	8.17	8.37	8.54	9.02	9.89
UltraFine® Maraging 247	7.87	7.12	8.17	7.87	7.63	7.93	8.45	9.49	9.72	9.95	10.23	10.88
CarTech UltraFine® HyMu 800	5.87	6.41	6.83	5.87	5.83	6.45	6.88	7.33	7.53	7.67	7.65	7.92
CarTech Micro-Melt® 75	5.44	6.03	6.38	5.44	5.45	5.97	6.12	6.55	6.76	6.90	6.97	7.27
Tool Steel (powder products)												
Alloy Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech Micro-Melt Custom 470®	1.14	1.15	1.23	1.14	1.13	1.22	1.32	1.40	1.46	1.47	1.49	1.56
CarTech Micro-Melt® 100	1.25	1.13	1.25	1.25	1.22	1.32	1.52	1.61	1.72	1.76	1.80	1.88
CarTech Micro-Melt® 100Cr6	0.26	0.22	0.23	0.26	0.26	0.26	0.30	0.31	0.32	0.28	0.29	0.30
CarTech Micro-Melt® 1045	0.25	0.22	0.22	0.25	0.25	0.25	0.29	0.30	0.30	0.27	0.27	0.28
CarTech Micro-Melt® 15Cr-5Ni	0.85	0.80	0.83	0.85	0.86	0.91	1.00	1.11	1.18	1.20	1.21	1.30
CarTech Micro-Melt® 16MnCr5	0.26	0.22	0.22	0.26	0.26	0.26	0.30	0.31	0.31	0.28	0.28	0.30
CarTech Micro-Melt® 17Cr-4Ni	0.78	0.72	0.77	0.78	0.79	0.84	0.86	0.91	0.95	0.96	1.01	1.06
CarTech Micro-Melt® 20-4	1.17	0.92	1.04	1.17	1.14	1.14	1.23	1.32	1.39	1.38	1.36	1.42
CarTech Micro-Melt®2205 Duplex	1.05	0.93	1.04	1.05	1.01	1.11	1.31	1.39	1.49	1.52	1.55	1.63

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CarTech Micro-Melt®2505 SDplx	1.12	1.00	1.11	1.12	1.09	1.19	1.37	1.45	1.56	1.59	1.64	1.72
CarTech Micro-Melt® 2205M	1.06	0.94	1.05	1.06	1.02	1.12	1.32	1.40	1.50	1.54	1.58	1.66
CarTech Micro-Melt® 23	2.01	1.75	1.90	2.01	1.95	2.03	2.32	2.40	2.46	2.45	2.37	2.39
CarTech Micro-Melt® 2357	1.40	1.36	1.48	1.40	1.37	1.49	1.68	1.79	1.88	1.91	1.94	2.03
CarTech Micro-Melt® 23S	2.01	1.74	1.89	2.01	1.94	2.02	2.31	2.39	2.45	2.44	2.36	2.38
CarTech Micro-Melt® 25-10-10	2.13	1.81	2.01	2.13	2.02	2.22	2.92	3.15	3.45	3.61	3.60	3.85
CarTech Micro-Melt® 253	0.93	0.92	0.98	0.93	0.93	0.99	1.03	1.11	1.18	1.20	1.27	1.35
CarTech Micro-Melt® 254SMO	1.99	1.91	2.10	1.99	1.93	2.15	2.50	2.66	2.79	2.85	2.86	2.97
CarTech Micro-Melt® 25-7-4	1.30	1.17	1.30	1.30	1.25	1.38	1.63	1.74	1.85	1.89	1.93	2.02
CarTech Micro-Melt® 2739	3.31	2.46	3.04	3.31	3.08	2.95	3.15	3.54	3.58	3.55	3.65	3.89
CarTech Micro-Melt® 2888	2.84	1.66	2.52	2.84	2.46	2.22	2.44	3.05	3.09	3.10	3.44	3.88
CarTech Micro-Melt® 2906	1.14	1.05	1.15	1.14	1.12	1.21	1.36	1.45	1.57	1.60	1.66	1.75
CarTech Micro-Melt® 30	2.87	2.00	2.61	2.87	2.60	2.52	2.86	3.27	3.32	3.33	3.44	3.70
CarTech Micro-Melt® 304	0.92	0.91	0.97	0.92	0.92	0.97	1.01	1.08	1.15	1.17	1.22	1.29
CarTech Micro-Melt® 304B4	1.37	1.42	1.48	1.37	1.37	1.47	1.62	1.80	1.93	1.99	2.00	2.17
CarTech Micro-Melt® 304B6	1.37	1.41	1.47	1.37	1.37	1.46	1.61	1.79	1.91	1.97	1.98	2.14
CarTech Micro-Melt® 304B7	1.38	1.43	1.49	1.38	1.38	1.48	1.63	1.82	1.95	2.01	2.03	2.20
CarTech Micro-Melt® 304L	1.11	1.12	1.16	1.11	1.11	1.18	1.32	1.48	1.59	1.64	1.66	1.81
CarTech Micro-Melt® 308L Mod	1.04	1.04	1.12	1.04	1.05	1.11	1.16	1.24	1.32	1.34	1.39	1.48
CarTech Micro-Melt® 309L	1.44	1.46	1.53	1.44	1.44	1.54	1.74	1.94	2.09	2.16	2.17	2.36
CarTech Micro-Melt® 30LS	3.44	2.28	3.10	3.44	3.08	2.92	3.31	3.88	3.93	3.93	4.13	4.50
CarTech Micro-Melt® 30Nb	3.45	2.27	3.11	3.45	3.08	2.92	3.28	3.87	3.92	3.91	4.12	4.50
CarTech Micro-Melt® 312	1.07	1.04	1.12	1.07	1.07	1.13	1.17	1.25	1.36	1.39	1.47	1.57
CarTech Micro-Melt® 316L	1.14	1.10	1.19	1.14	1.12	1.22	1.36	1.45	1.53	1.55	1.59	1.67
CarTech Micro-Melt® 316L AWS	1.27	1.24	1.34	1.27	1.25	1.36	1.52	1.62	1.70	1.73	1.75	1.83
CarTech Micro-Melt® 316L+S	1.27	1.24	1.34	1.27	1.25	1.36	1.52	1.62	1.70	1.73	1.75	1.83
CarTech Micro-Melt® 316LHSi	1.55	1.52	1.62	1.55	1.52	1.66	1.94	2.14	2.26	2.34	2.33	2.49
CarTech Micro-Melt® 316LN	1.54	1.52	1.62	1.54	1.51	1.64	1.91	2.10	2.22	2.28	2.27	2.42
CarTech Micro-Melt® 316Lx1.5	1.71	1.68	1.82	1.71	1.68	1.84	2.05	2.18	2.30	2.35	2.39	2.50
CarTech Micro-Melt® 347H	1.07	1.08	1.15	1.07	1.07	1.14	1.19	1.27	1.35	1.36	1.41	1.49
CarTech Micro-Melt® 410	0.34	0.30	0.31	0.34	0.35	0.35	0.42	0.44	0.60	0.62	0.72	0.85
CarTech Micro-Melt® 410L	0.42	0.36	0.36	0.42	0.42	0.42	0.51	0.59	0.64	0.65	0.65	0.73
CarTech Micro-Melt® 4112	0.50	0.39	0.43	0.50	0.48	0.50	0.59	0.63	0.68	0.68	0.73	0.78
CarTech Micro-Melt® 4130	0.31	0.26	0.27	0.31	0.30	0.31	0.37	0.39	0.40	0.37	0.36	0.38
CarTech Micro-Melt® 4140	0.27	0.23	0.23	0.27	0.27	0.27	0.31	0.33	0.35	0.32	0.32	0.35
CarTech Micro-Melt® 416R	0.41	0.34	0.36	0.41	0.40	0.41	0.45	0.48	0.52	0.51	0.54	0.58
CarTech Micro-Melt® 420	0.43	0.37	0.37	0.43	0.43	0.43	0.53	0.62	0.67	0.68	0.69	0.77
CarTech Micro-Melt® 420 LCM	0.44	0.38	0.38	0.44	0.44	0.44	0.54	0.63	0.70	0.71	0.73	0.82
CarTech Micro-Melt® 420-CW	1.66	1.33	1.46	1.66	1.63	1.62	1.73	1.83	1.90	1.85	1.74	1.78
CarTech Micro-Melt® 420LC	0.43	0.37	0.37	0.43	0.43	0.43	0.53	0.62	0.67	0.68	0.69	0.77
CarTech Micro-Melt® 422	0.75	0.67	0.70	0.75	0.73	0.76	0.90	0.99	1.05	1.06	1.06	1.14

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CarTech Micro-Melt® 431	0.60	0.55	0.56	0.60	0.60	0.62	0.73	0.84	0.92	0.95	0.96	1.07
CarTech Micro-Melt® 4340	0.38	0.35	0.36	0.38	0.38	0.39	0.42	0.45	0.45	0.42	0.43	0.45
CarTech Micro-Melt® 4370	1.04	1.04	1.08	1.04	1.04	1.10	1.25	1.40	1.57	1.63	1.68	1.88
CarTech Micro-Melt® 440	1.30	1.04	1.14	1.30	1.28	1.27	1.35	1.44	1.51	1.47	1.40	1.45
CarTech Micro-Melt® 440C	0.53	0.46	0.47	0.53	0.53	0.54	0.69	0.79	0.87	0.90	0.89	1.00
CarTech Micro-Melt® 440-XH	0.66	0.56	0.59	0.66	0.65	0.67	0.83	0.94	1.03	1.06	1.04	1.15
CarTech Micro-Melt® 4848	1.90	1.99	2.08	1.90	1.90	2.05	2.23	2.49	2.64	2.74	2.78	3.02
CarTech Micro-Melt® 53	2.23	1.87	2.04	2.23	2.17	2.20	2.42	2.52	2.58	2.54	2.38	2.40
CarTech Micro-Melt® 5499	0.61	0.50	0.55	0.61	0.58	0.63	0.78	0.82	0.86	0.84	0.82	0.85
CarTech Micro-Melt® 60	3.79	2.63	3.42	3.79	3.44	3.34	3.81	4.35	4.42	4.42	4.51	4.82
CarTech Micro-Melt®6126Ni-free	0.85	0.71	0.77	0.85	0.82	0.89	1.18	1.32	1.52	1.60	1.65	1.84
CarTech Micro-Melt® 7339	0.32	0.27	0.28	0.32	0.32	0.33	0.39	0.41	0.42	0.39	0.40	0.43
CarTech Micro-Melt® 736A	0.94	0.89	0.92	0.94	0.93	0.98	1.16	1.33	1.46	1.53	1.54	1.71
CarTech Micro-Melt® 80	5.78	3.70	5.18	5.78	5.14	4.76	5.22	6.26	6.31	6.31	6.70	7.37
CarTech Micro-Melt® 800	2.71	2.18	2.38	2.71	2.66	2.63	2.77	3.00	3.11	3.06	2.78	2.83
CarTech Micro-Melt® 9038	1.20	1.00	1.10	1.20	1.16	1.21	1.40	1.46	1.50	1.48	1.43	1.45
CarTech Micro-Melt® 9040	1.79	1.49	1.66	1.79	1.71	1.81	2.15	2.25	2.32	2.31	2.22	2.24
CarTech Micro-Melt® 9055	2.86	1.99	2.60	2.86	2.59	2.52	2.87	3.28	3.33	3.34	3.45	3.70
CarTech Micro-Melt® 9078	1.81	1.43	1.61	1.81	1.74	1.77	1.98	2.12	2.20	2.16	2.03	2.06
CarTech Micro-Melt® 9098	1.05	0.83	0.92	1.05	1.03	1.03	1.13	1.20	1.27	1.26	1.22	1.27
CarTech Micro-Melt® 9655	1.72	1.61	1.78	1.72	1.66	1.84	2.16	2.30	2.43	2.49	2.52	2.63
CarTech Micro-Melt® 9659	1.86	1.75	1.89	1.86	1.80	1.97	2.42	2.69	2.88	3.00	2.97	3.19
CarTech Micro-Melt® 9660	1.86	1.75	1.89	1.86	1.80	1.97	2.42	2.69	2.88	3.00	2.97	3.19
CarTech Micro-Melt® A11	1.74	1.39	1.53	1.74	1.69	1.69	1.82	1.93	1.98	1.92	1.76	1.77
CarTech Micro-Melt® A11HC	2.26	1.81	2.02	2.26	2.17	2.24	2.55	2.70	2.78	2.74	2.53	2.54
CarTech Micro-Melt® A11LVC	1.68	1.35	1.48	1.68	1.64	1.64	1.77	1.87	1.93	1.87	1.71	1.73
CarTech Micro-Melt® A11-VP	1.84	1.48	1.62	1.84	1.80	1.80	1.93	2.05	2.10	2.04	1.86	1.88
CarTech Micro-Melt® Aermet®100	3.12	1.74	2.86	3.12	2.63	2.35	2.60	3.47	3.50	3.52	3.96	4.57
CarTech Micro-Melt® AISI8740	0.32	0.28	0.29	0.32	0.32	0.33	0.38	0.40	0.41	0.38	0.37	0.39
CarTech Micro-Melt® AM400Plus	1.15	1.14	1.20	1.15	1.14	1.23	1.41	1.54	1.62	1.65	1.64	1.74
CarTech Micro-Melt® APM 2370	1.16	1.04	1.15	1.16	1.12	1.22	1.43	1.53	1.63	1.67	1.71	1.79
CarTech Micro-Melt® CD#1	0.65	0.55	0.60	0.65	0.63	0.66	0.77	0.81	0.85	0.84	0.83	0.86
CarTech Micro-Melt® D2	0.63	0.47	0.55	0.63	0.60	0.60	0.68	0.74	0.78	0.76	0.78	0.84
CarTech Micro-Melt® D7	1.00	0.80	0.88	1.00	0.98	0.99	1.08	1.15	1.20	1.17	1.13	1.16
CarTech Micro-Melt® Duplex 22	1.07	0.96	1.06	1.07	1.04	1.13	1.32	1.41	1.51	1.54	1.57	1.66
CarTech Micro-Melt® F22	0.42	0.36	0.38	0.42	0.41	0.43	0.53	0.57	0.59	0.58	0.58	0.61
CarTech Micro-Melt® FeSi	0.28	0.24	0.24	0.28	0.29	0.29	0.34	0.36	0.37	0.36	0.43	0.46
CarTech Micro-Melt® FeSi 600	0.28	0.24	0.24	0.28	0.29	0.29	0.34	0.36	0.38	0.37	0.44	0.46
CarTech Micro-Melt® Grade 92	0.62	0.55	0.58	0.62	0.62	0.63	0.68	0.71	0.74	0.72	0.74	0.77
CarTech Micro-Melt® H13	0.72	0.59	0.64	0.72	0.70	0.72	0.86	0.93	0.97	0.95	0.90	0.94
CarTech Micro-Melt® H163	2.11	1.82	1.98	2.11	2.04	2.12	2.41	2.50	2.56	2.54	2.44	2.47

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CarTech Micro-Melt® HS-30	2.84	1.96	2.58	2.84	2.57	2.48	2.83	3.25	3.29	3.30	3.42	3.68
CarTech Micro-Melt® M300	3.75	2.79	3.67	3.75	3.37	3.31	3.72	4.39	4.46	4.50	4.77	5.22
CarTech Micro-Melt® M4	2.05	1.76	1.92	2.05	1.98	2.06	2.34	2.42	2.48	2.46	2.37	2.39
CarTech Micro-Melt® M4 HCS	2.21	1.92	2.08	2.21	2.14	2.23	2.56	2.67	2.74	2.74	2.64	2.68
CarTech Micro-Melt® M42	2.37	1.51	2.12	2.37	2.07	2.07	2.63	3.05	3.12	3.15	3.26	3.51
CarTech Micro-Melt® M48	3.41	2.48	3.14	3.41	3.13	3.03	3.38	3.82	3.88	3.88	4.01	4.28
CarTech Micro-Melt® M48 LS	3.43	2.49	3.16	3.43	3.14	3.05	3.41	3.85	3.90	3.90	4.03	4.31
CarTech Micro-Melt® Maxamet®	3.84	2.84	3.52	3.84	3.58	3.37	3.48	3.95	3.98	3.94	4.09	4.38
CarTech Micro-Melt® MV 11K	1.05	0.83	0.92	1.05	1.03	1.04	1.13	1.20	1.29	1.29	1.27	1.33
CarTech Micro-Melt® NOREM 02	0.54	0.52	0.56	0.54	0.53	0.57	0.65	0.69	0.71	0.71	0.70	0.72
CarTech Micro-Melt® O6	0.26	0.22	0.22	0.26	0.26	0.26	0.29	0.31	0.31	0.28	0.29	0.31
CarTech Micro-Melt® P-28	1.85	1.74	1.88	1.85	1.79	1.97	2.41	2.67	2.86	2.98	2.97	3.20
CarTech Micro-Melt® PD#1	0.92	0.76	0.83	0.92	0.89	0.92	1.03	1.09	1.12	1.10	1.07	1.09
CarTech Micro-Melt® PD#5	1.31	1.11	1.19	1.31	1.28	1.30	1.45	1.55	1.60	1.58	1.50	1.55
CarTech Micro-Melt® SA508	0.36	0.32	0.33	0.36	0.35	0.37	0.43	0.46	0.46	0.43	0.43	0.45
Micro-Melt® Sanicro 15-5PH	0.77	0.71	0.76	0.77	0.78	0.82	0.85	0.89	0.94	0.93	0.98	1.03
CarTech Micro-Melt® 15-5PH	0.77	0.71	0.76	0.77	0.78	0.82	0.85	0.89	0.94	0.93	0.98	1.03
CarTech Micro-Melt® T15	3.11	2.50	2.90	3.11	2.97	2.86	2.94	3.19	3.22	3.18	3.22	3.37
CarTech Micro-Melt® T15 Plus	3.36	2.50	3.09	3.36	3.13	2.99	3.19	3.58	3.62	3.60	3.69	3.93
CarTech Micro-Melt® TD#1	0.96	0.79	0.88	0.96	0.91	0.95	1.13	1.18	1.22	1.21	1.21	1.25
CarTech Micro-Melt® TF1	1.03	0.67	0.91	1.03	0.92	0.91	1.12	1.28	1.33	1.32	1.36	1.47
CarTech Micro-Melt® TF6	4.61	3.78	4.35	4.61	4.40	4.35	4.67	5.01	5.07	5.06	5.06	5.24
CarTech Micro-Melt® TMM	0.74	0.63	0.69	0.74	0.71	0.76	0.89	0.94	0.98	0.97	0.98	1.02
CarTech Micro-Melt® VA176	2.08	1.68	1.84	2.08	2.03	2.04	2.23	2.42	2.51	2.48	2.29	2.37
CarTech Micro-Melt® W4841Nb	1.72	1.79	1.91	1.72	1.72	1.86	1.92	2.06	2.17	2.22	2.30	2.43
CarTech Micro-Melt® X245	1.79	1.44	1.58	1.79	1.75	1.75	1.88	1.99	2.04	1.98	1.81	1.83
Micro-Melt® X4CrNiMo 16-5-1	0.63	0.60	0.64	0.63	0.63	0.66	0.69	0.74	0.79	0.79	0.83	0.89
CarTech UltraFine® 1.2709	3.31	2.36	3.25	3.31	2.93	2.88	3.29	3.97	4.03	4.07	4.35	4.79
CarTech UltraFine® 1.4435	1.91	1.84	1.98	1.91	1.86	2.04	2.44	2.70	2.89	2.99	2.97	3.18
CarTech UltraFine® 17Cr-4Ni	0.88	0.82	0.86	0.88	0.89	0.94	1.04	1.16	1.23	1.26	1.28	1.39
CarTech UltraFine® 304L	0.89	0.88	0.93	0.89	0.89	0.94	0.98	1.05	1.12	1.13	1.18	1.25
CarTech UltraFine® 316L	1.27	1.24	1.34	1.27	1.25	1.36	1.52	1.62	1.71	1.73	1.76	1.85
CarTech UltraFine® 410L	0.34	0.28	0.29	0.34	0.34	0.34	0.38	0.40	0.43	0.42	0.45	0.49
CarTech UltraFine® 430L	0.47	0.41	0.41	0.47	0.47	0.48	0.59	0.69	0.76	0.78	0.78	0.88
CarTech UltraFine® 4340	0.38	0.35	0.36	0.38	0.38	0.39	0.43	0.45	0.45	0.42	0.43	0.45
CarTech UltraFine® 4340 MA 3X	0.38	0.35	0.36	0.38	0.38	0.39	0.43	0.45	0.45	0.42	0.43	0.45
CarTech UltraFine® 440C+1.5Nb	0.64	0.56	0.60	0.64	0.65	0.67	0.85	0.95	1.02	1.02	1.00	1.10
CarTech UltraFine® D2	0.58	0.44	0.50	0.58	0.55	0.55	0.62	0.68	0.72	0.70	0.72	0.77
CarTech UltraFine® Fe14MnC	0.29	0.24	0.26	0.29	0.29	0.29	0.33	0.35	0.37	0.36	0.36	0.38
UltraFine® Fe17Cr11Mn3Mo	0.85	0.70	0.77	0.85	0.82	0.88	1.17	1.31	1.42	1.48	1.46	1.57
CarTech UltraFine® FeCrMnMo	0.85	0.70	0.77	0.85	0.82	0.88	1.17	1.31	1.42	1.48	1.46	1.57

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CarTech UltraFine® Fe-30Cr	0.64	0.55	0.56	0.64	0.64	0.65	0.82	0.99	1.12	1.18	1.17	1.35
CarTech UltraFine® Fe30Ni	2.16	2.38	2.51	2.16	2.17	2.37	2.45	2.61	2.67	2.69	2.69	2.80
CarTech UltraFine® Fe8Ni	0.76	0.79	0.83	0.76	0.76	0.82	0.86	0.92	0.93	0.91	0.91	0.95
CarTech UltraFine® FeCrAlY	0.44	0.34	0.38	0.44	0.44	0.45	0.48	0.51	0.58	0.59	0.65	0.69
CarTech UltraFine® FeSiAl	0.33	0.26	0.28	0.33	0.33	0.35	0.41	0.44	0.47	0.49	0.61	0.63
CarTech UltraFine® H13	0.59	0.48	0.52	0.59	0.57	0.59	0.70	0.74	0.77	0.75	0.73	0.75
CarTech UltraFine® M2	1.80	1.55	1.70	1.80	1.74	1.82	2.13	2.22	2.28	2.28	2.20	2.23
CarTech UltraFine® Mod FeSiAl	0.33	0.27	0.28	0.33	0.34	0.36	0.41	0.45	0.48	0.50	0.62	0.65
CarTech UltraFine® S7	0.45	0.37	0.40	0.45	0.43	0.46	0.58	0.62	0.66	0.64	0.64	0.67
CarTech UltraFine® SCM415	0.26	0.22	0.22	0.26	0.26	0.26	0.30	0.31	0.31	0.28	0.28	0.30
UltraFine® X2NiCoMo 18-9-5	3.24	2.31	3.18	3.24	2.87	2.83	3.23	3.89	3.95	3.99	4.26	4.70
CarTech UltraFine® X65Cr13	0.44	0.38	0.38	0.44	0.44	0.44	0.54	0.63	0.70	0.71	0.73	0.83
CarTech Micro-Melt® 65Fe35Co	5.46	1.77	4.51	5.46	4.23	3.24	3.60	5.62	5.59	5.61	6.79	8.21
CarTech Micro-Melt® 255N	1.35	1.25	1.33	1.35	1.33	1.44	1.75	1.95	2.09	2.17	2.15	2.32
CarTech Micro-Melt® 431 FM	0.61	0.56	0.58	0.61	0.61	0.63	0.74	0.85	0.93	0.96	0.97	1.08
CarTech Micro-Melt® 21-6-9	0.99	0.97	1.01	0.99	1.00	1.05	1.21	1.37	1.58	1.66	1.72	1.95
CarTech Micro-Melt® 9310	0.49	0.48	0.49	0.49	0.49	0.52	0.57	0.61	0.63	0.60	0.61	0.65
CarTech UltraFine® Fe-3Si	0.26	0.22	0.22	0.26	0.26	0.26	0.30	0.31	0.31	0.28	0.35	0.39
CarTech UltraFine® SKH57	4.16	2.83	3.78	4.16	3.75	3.53	3.87	4.53	4.58	4.58	4.83	5.26
CarTech UltraFine® Fe-6Si	0.26	0.21	0.22	0.26	0.27	0.28	0.31	0.32	0.32	0.31	0.44	0.53
CarTech UltraFine® F15	4.63	3.06	4.52	4.63	4.04	3.75	3.98	5.12	5.16	5.21	5.78	6.57
CarTech UltraFine® 347	1.19	1.21	1.26	1.19	1.19	1.27	1.40	1.57	1.66	1.70	1.70	1.84
CarTech UltraFine® Fe-18Cr	0.49	0.42	0.42	0.49	0.49	0.49	0.61	0.72	0.79	0.81	0.81	0.92
CarTech UltraFine® 4140	0.29	0.25	0.25	0.29	0.29	0.30	0.35	0.37	0.38	0.36	0.37	0.39
CarTech UltraFine® VeKo25Cr	2.11	1.83	2.00	2.11	2.07	2.12	2.37	2.45	2.49	2.45	2.34	2.36
CarTech UltraFine® 4140 MA	0.37	0.31	0.33	0.37	0.36	0.38	0.46	0.50	0.55	0.54	0.57	0.63
CarTech UltraFine® HK30	2.04	2.11	2.24	2.04	2.04	2.21	2.44	2.69	2.84	2.91	2.91	3.12
CarTech UltraFine® Fe-42Ni	2.94	3.27	3.44	2.94	2.95	3.23	3.33	3.56	3.64	3.68	3.68	3.82
CarTech UltraFine® 218	1.62	1.59	1.69	1.62	1.60	1.74	2.03	2.24	2.44	2.53	2.54	2.75
CarTech Micro-Melt® 7570	2.45	2.13	2.34	2.45	2.34	2.54	3.19	3.38	3.56	3.66	3.63	3.79
CarTech Micro-Melt Invar 36®	2.54	2.81	2.96	2.54	2.55	2.79	2.88	3.07	3.15	3.18	3.19	3.31
CarTech Micro-Melt® Alloy 1	1.15	1.14	1.20	1.15	1.14	1.23	1.41	1.54	1.63	1.66	1.65	1.75
CarTech Micro-Melt® EN25	0.49	0.46	0.48	0.49	0.48	0.51	0.58	0.62	0.64	0.62	0.63	0.67
CarTech Micro-Melt® PWC7	2.79	2.32	2.59	2.79	2.73	2.81	3.19	3.42	3.55	3.50	3.26	3.36
CarTech Micro-Melt® 4304-2	1.17	1.19	1.24	1.17	1.17	1.24	1.38	1.55	1.65	1.69	1.69	1.84
CarTech Micro-Melt® BSEC510	0.37	0.33	0.34	0.37	0.36	0.38	0.44	0.47	0.49	0.46	0.47	0.49
CarTech Micro-Melt® P21 Mod	0.55	0.54	0.56	0.55	0.55	0.58	0.63	0.67	0.68	0.66	0.66	0.69
CarTech Micro-Melt® 177-1	0.93	0.92	0.96	0.93	0.93	0.99	1.11	1.25	1.34	1.37	1.37	1.49
CarTech Micro-Melt® FeCoMo	4.48	2.67	4.11	4.48	3.80	3.69	4.56	5.59	5.69	5.78	6.18	6.85
CarTech Micro-Melt® 13Cr-8Ni	1.16	1.12	1.20	1.16	1.14	1.24	1.46	1.60	1.69	1.72	1.70	1.80
CarTech Micro-Melt® FeCrWTi	0.85	0.78	0.80	0.85	0.85	0.85	0.94	1.01	1.06	1.06	1.06	1.13

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CarTech Micro-Melt® 316L Mod-1	1.39	1.44	1.50	1.39	1.39	1.49	1.64	1.82	1.94	1.99	2.00	2.16
CarTech Micro-Melt® 316L Mod-2	1.39	1.44	1.50	1.39	1.39	1.49	1.63	1.81	1.93	1.98	1.99	2.16
CarTech Micro-Melt® 316L Mod-3	1.90	1.99	2.08	1.90	1.90	2.04	2.23	2.48	2.64	2.73	2.74	2.96
CarTech Micro-Melt® C300	3.25	2.32	3.18	3.25	2.88	2.83	3.23	3.89	3.96	4.00	4.27	4.70
CarTech Micro-Melt® 420-CW Mod	1.90	1.54	1.68	1.90	1.86	1.86	2.05	2.23	2.33	2.31	2.14	2.23
Micro-Melt Ferrium® PH48S	2.23	1.44	2.09	2.23	1.95	1.84	2.09	2.64	2.71	2.75	2.99	3.38
CarTech Micro-Melt® Fe-10Ni	0.92	0.96	1.01	0.92	0.92	0.98	1.04	1.10	1.13	1.12	1.13	1.18
Micro-Melt Ferrium® C64	7.43	6.24	7.85	7.43	6.84	6.88	7.29	8.63	8.78	8.92	9.46	10.36
CarTech Micro-Melt® SA508 Gr4N	0.58	0.55	0.58	0.58	0.57	0.60	0.68	0.73	0.75	0.73	0.73	0.77
CarTech UltraFine® 17Cr-4Ni Ar	0.97	0.90	0.95	0.97	0.97	1.04	1.18	1.30	1.39	1.42	1.43	1.55
CarTech Micro-Melt® HTMO	0.93	0.87	0.91	0.93	0.94	1.00	1.13	1.25	1.33	1.37	1.38	1.50
CarTech Micro-Melt® 1.2709	3.30	2.37	3.24	3.30	2.93	2.88	3.29	3.96	4.03	4.07	4.34	4.78
CarTech Micro-Melt® NitroMaxx	1.09	1.00	1.06	1.09	1.08	1.15	1.42	1.61	1.79	1.88	1.96	2.20
CarTech Micro-Melt® M152	0.80	0.72	0.76	0.80	0.78	0.83	1.02	1.13	1.20	1.22	1.20	1.30
CarTech Micro-Melt® FeCrAlTi	0.54	0.46	0.47	0.54	0.54	0.55	0.68	0.80	0.89	0.93	0.93	1.03
CarTech Micro-Melt® SHS8000	1.25	1.07	1.24	1.25	1.23	1.34	1.79	1.93	2.03	2.03	1.96	2.07
CarTech UltraFine® 13Cr-8Ni	1.17	1.12	1.20	1.17	1.14	1.24	1.47	1.61	1.69	1.73	1.71	1.81
CarTech UltraFine® 42CrMo4	0.29	0.25	0.25	0.29	0.29	0.30	0.35	0.37	0.38	0.36	0.37	0.39
UltraFine® BioDur 108 low Ni	0.78	0.69	0.71	0.78	0.78	0.82	1.06	1.21	1.59	1.73	1.88	2.22
CarTech UltraFine® 420	0.59	0.51	0.56	0.59	0.60	0.62	0.78	0.86	0.91	0.90	0.88	0.96
CarTech UltraFine BioDur® 108	0.78	0.69	0.71	0.78	0.78	0.82	1.06	1.21	1.59	1.73	1.88	2.22
CarTech UltraFine Custom 465®	1.22	1.23	1.30	1.22	1.21	1.30	1.46	1.60	1.68	1.71	1.70	1.81
CarTech UltraFine® Fe10Mn3Si	0.33	0.28	0.29	0.33	0.34	0.34	0.41	0.42	0.55	0.57	0.70	0.85
CarTech UltraFine® 440A	0.47	0.41	0.41	0.47	0.47	0.48	0.59	0.69	0.76	0.78	0.78	0.88
CarTech UltraFine® 15Cr-5Ni	0.90	0.86	0.90	0.90	0.91	0.97	1.08	1.19	1.25	1.27	1.27	1.37
CarTech UltraFine® X20Cr13	0.44	0.37	0.38	0.44	0.44	0.44	0.54	0.63	0.69	0.71	0.73	0.83
CarTech UltraFine® S5	0.34	0.28	0.30	0.34	0.33	0.35	0.43	0.45	0.46	0.44	0.48	0.53
CarTech UltraFine® FeCoSiNbBCu	5.41	2.14	4.67	5.41	4.38	3.62	4.16	5.90	5.87	5.85	6.97	8.30
CarTech UltraFine® 18Ni300	3.27	2.33	3.20	3.27	2.90	2.85	3.26	3.92	3.98	4.02	4.29	4.73
CarTech UltraFine® Fe6.5Si5Cr	0.33	0.27	0.28	0.33	0.34	0.34	0.40	0.44	0.46	0.46	0.60	0.71
CarTech UltraFine Custom 455®	1.07	1.06	1.12	1.07	1.07	1.14	1.25	1.37	1.44	1.45	1.45	1.54
CarTech UltraFine Custom 475®	2.69	1.71	2.50	2.69	2.34	2.25	2.69	3.33	3.42	3.48	3.73	4.17
CarTech UltraFine® FeSiNbCuB	0.94	0.81	0.99	0.94	0.98	1.07	1.33	1.34	1.34	1.26	1.38	1.49
UltraFine Hi Permeability 49®	3.31	3.69	3.88	3.31	3.32	3.64	3.75	4.00	4.10	4.15	4.15	4.31
CarTech UltraFine® X25CrMo14	0.55	0.47	0.49	0.55	0.54	0.56	0.72	0.82	0.89	0.91	0.92	1.02
CarTech UltraFine® A2	0.50	0.41	0.44	0.50	0.48	0.51	0.63	0.68	0.72	0.72	0.72	0.77
CarTech UltraFine® 303	1.14	1.13	1.19	1.14	1.14	1.21	1.38	1.54	1.66	1.72	1.74	1.91
CarTech UltraFine® FeCo35	5.46	1.77	4.51	5.46	4.23	3.24	3.60	5.62	5.59	5.62	6.80	8.22
CarTech UltraFine® 440C	0.47	0.41	0.41	0.47	0.47	0.48	0.59	0.69	0.76	0.78	0.78	0.88
CarTech UltraFine® 420Mod	1.80	1.46	1.57	1.80	1.76	1.75	1.88	2.05	2.15	2.12	1.96	2.05
CarTech Micro-Melt® 9043	2.03	1.76	1.91	2.03	1.96	2.04	2.33	2.41	2.47	2.46	2.38	2.40

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CarTech Micro-Melt® AF9628	0.44	0.38	0.41	0.44	0.43	0.45	0.54	0.57	0.59	0.56	0.58	0.62
MS-1(N)	3.29	2.36	3.23	3.29	2.92	2.88	3.28	3.95	4.01	4.06	4.33	4.76
CarTech Micro-Melt NiMark® 350	3.71	2.47	3.58	3.71	3.24	3.11	3.54	4.37	4.43	4.48	4.85	5.41
CarTech UltraFine® 316L Mod	1.57	1.54	1.67	1.57	1.54	1.69	1.89	2.02	2.12	2.15	2.19	2.29
CarTech Micro-Melt® 416	0.48	0.42	0.43	0.48	0.48	0.49	0.60	0.68	0.74	0.75	0.75	0.83
CarTech Micro-Melt® 30CD12	0.34	0.28	0.30	0.34	0.33	0.35	0.41	0.43	0.45	0.42	0.43	0.45
CarTech Micro-Melt® Wear 26	0.83	0.65	0.73	0.83	0.81	0.83	0.92	0.98	1.07	1.07	1.08	1.14
CarTech Micro-Melt® Wear 20	1.08	0.85	0.95	1.08	1.05	1.07	1.18	1.25	1.33	1.32	1.28	1.32

Tungsten/Nickel-based (powder products)

Alloy Description	Jan'21	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech Micro-Melt® Amega NM	9.79	9.69	10.22	9.79	9.71	10.12	10.65	10.96	11.13	11.25	11.22	11.41
CarTech Micro-Melt® NT-60	11.38	11.37	11.87	11.38	11.38	11.65	11.73	11.93	12.01	12.07	12.11	12.25
CarTech Micro-Melt® NT-60KS	10.96	10.97	11.44	10.96	10.96	11.22	11.30	11.51	11.58	11.64	11.68	11.82
CarTech Micro-Melt® NT-60SP	11.18	11.17	11.65	11.18	11.19	11.44	11.51	11.71	11.79	11.84	11.88	12.01
CarTech Micro-Melt® NT-70SP	11.96	11.80	12.29	11.96	11.97	12.15	12.20	12.34	12.39	12.43	12.46	12.56
CarTech Micro-Melt® NT-65	11.69	11.61	12.10	11.69	11.69	11.92	11.98	12.15	12.22	12.27	12.30	12.42
CarTech Micro-Melt® NT-50 SPH	10.60	10.68	11.15	10.60	10.60	10.91	11.00	11.23	11.32	11.39	11.44	11.60

Other (powder products)

Alloy Description	Jan'21	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech Micro-Melt® Pyrowear 53	0.81	0.70	0.77	0.81	0.77	0.86	1.06	1.11	1.14	1.13	1.13	1.17
Micro-Melt® Glass Sealing 18	0.39	0.31	0.33	0.39	0.39	0.39	0.42	0.45	0.50	0.49	0.55	0.60
CarTech UltraFine® 1.4923	1.00	0.83	0.89	1.00	0.98	0.99	1.15	1.26	1.33	1.32	1.26	1.33
CarTech Micro-Melt® 901	3.55	3.75	4.03	3.55	3.49	3.88	4.29	4.56	4.69	4.76	4.72	4.87
CarTech Micro-Melt® 5120	0.27	0.23	0.23	0.27	0.27	0.27	0.31	0.33	0.34	0.31	0.32	0.35
CarTech UltraFine® 1.4848	1.87	1.95	2.04	1.87	1.87	2.01	2.20	2.44	2.59	2.68	2.71	2.94

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