

Raw Material and Energy Surcharges 2025 - 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.

4/1/2025

STAINLESS STEELS

Alloy Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech® 15-15HS® Stainless/SCF260	1.23	1.20	1.22	1.25								
CarTech® 15-15LC® Modified Stainless	1.05	1.01	1.04	1.06								
CarTech® 20Cb-3® Stainless	3.85	3.81	3.82	4.00								
CarTech® 20Mo-6® Stainless	4.62	4.55	4.53	4.69								
CarTech® 302HQ-FM® Stainless	1.15	1.13	1.16	1.23								
CarTech® 316L-SCQ® Stainless	2.05	2.02	2.03	2.10								
CarTech® 13-8 Stainless	1.54	1.52	1.54	1.59								
CarTech® 15Cr-5Ni	0.91	0.91	0.95	1.01								
CarTech® 18Cr-2Ni-12Mn	0.59	0.58	0.61	0.65								
CarTech® 18Cr-3Ni-12Mn	0.74	0.72	0.75	0.79								
CarTech® 21Cr-6Ni-9Mn	1.03	1.01	1.03	1.09								
CarTech® 22Cr-13Ni-5Mn	1.99	1.96	1.98	2.05								
CarTech® 302HQ-SFQ Stainless	1.15	1.13	1.16	1.23								
CarTech® Custom 631 (17Cr-7Ni)	0.97	0.97	1.00	1.05								
CarTech® 15-7PH Stainless	1.50	1.47	1.50	1.54								
CarTech® Custom 630 (17Cr-4Ni) Stainless	0.89	0.88	0.93	0.99								
CarTech® No. 5-F Stainless (Type 416 Mod)	0.38	0.38	0.41	0.43								
CarTech® 302 Stainless	1.15	1.13	1.16	1.23								
CarTech® 303 Stainless	1.15	1.13	1.16	1.23								
CarTech® 303 Se Stainless	1.15	1.13	1.16	1.23								
CarTech® 304/304L Stainless	1.15	1.13	1.16	1.23								
CarTech® 305 Stainless	1.36	1.34	1.37	1.45								
CarTech® 309 Stainless	1.55	1.53	1.56	1.65								
CarTech® 310 Stainless	2.05	2.02	2.04	2.16								
CarTech® 316/316L Stainless	1.78	1.75	1.77	1.83								
CarTech® 316L Stainless	1.78	1.75	1.77	1.83								
CarTech® 321 Stainless	1.30	1.29	1.31	1.39								
CarTech® 347 Stainless	1.30	1.29	1.31	1.39								
CarTech® 403 Stainless	0.38	0.37	0.41	0.43								
CarTech® 410 Stainless	0.38	0.37	0.41	0.43								
CarTech® 416 Stainless	0.38	0.38	0.41	0.43								
CarTech® 416 (No. 5) Stainless	0.38	0.38	0.41	0.43								
CarTech® 416 RS Stainless	0.38	0.38	0.41	0.43								

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CarTech® 416BQ Stainless (No. 5BQ)	0.38	0.38	0.41	0.43								
CarTech® 420 Stainless	0.39	0.38	0.42	0.44								
CarTech® 420 Mod Stainless	0.39	0.38	0.42	0.44								
CarTech® 420F Stainless	0.39	0.38	0.42	0.44								
CarTech® 430 Stainless	0.42	0.42	0.45	0.48								
CarTech® 430F Stainless	0.42	0.42	0.45	0.48								
CarTech® 430FR Stainless	0.42	0.42	0.45	0.48								
CarTech® 431 Stainless	0.59	0.58	0.62	0.65								
CarTech® 434 Stainless	0.67	0.66	0.69	0.71								
CarTech® 440A Stainless	0.42	0.42	0.45	0.48								
CarTech® 440C Stainless	0.42	0.42	0.45	0.48								
CarTech® 440F-Se Stainless	0.42	0.42	0.45	0.48								
CarTech® 446 Stainless	0.49	0.48	0.52	0.55								
CarTech® 204-Cu Stainless	0.99	0.97	0.96	1.09								
CarTech® Consumet® 304L-SCQ	1.15	1.13	1.16	1.23								
CarTech® Custom 450® Stainless	1.49	1.47	1.49	1.54								
CarTech® Custom 455® Stainless	1.31	1.30	1.33	1.41								
CarTech® Custom 465® Stainless	2.00	1.99	2.00	2.13								
CarTech® Custom 475™ Stainless	2.73	2.62	2.61	3.25								
CarTech® Custom Flo 302HQ Stainless	1.15	1.13	1.16	1.23								
CarTech® EnduraMet® 2205 Stainless	1.55	1.51	1.53	1.57								
CarTech® Gall-Tough® PLUS Stainless	1.11	1.09	1.12	1.18								
CarTech® Gall-Tough® Stainless	0.83	0.82	0.85	0.90								
CarTech® 15Cr-5Ni Project 70+® Stainless	0.91	0.91	0.95	1.01								
CarTech® Custom 630 Project 70+® Stainless	0.89	0.88	0.93	0.99								
CarTech® 303 Project 70+® Escomatic Quality	1.15	1.13	1.16	1.23								
CarTech® 303 Project 70+® Stainless	1.15	1.13	1.16	1.23								
CarTech® 304/304L Project 70+® Stainless	1.18	1.16	1.19	1.26								
CarTech® 316/316L Project 70+® Stainless	1.78	1.75	1.77	1.83								
CarTech® 416 Project 70+® Stainless	0.38	0.38	0.41	0.43								
CarTech® Pyrowear® 675 Stainless	1.13	1.07	1.08	1.46								
CarTech® SCF 19 Max® Alloy	3.00	2.94	2.94	3.02								
CarTech® 410 Mod Stainless	0.38	0.37	0.41	0.43								
CarTech® TrimRite® Stainless	0.61	0.60	0.63	0.65								
CarTech® 409Cb Stainless	0.39	0.39	0.43	0.45								
CarTech® 409Cb High Nickel Stainless	0.39	0.39	0.43	0.45								

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CarTech® 2507 Super Duplex Stainless	1.83	1.79	1.81	1.85								
CarTech® Ni-Cu K500	6.59	6.60	6.69	7.15								
CarTech® 330 Stainless	3.22	3.19	3.19	3.38								
CarTech® 317 Stainless	2.26	2.22	2.24	2.30								
CarTech® A-21®	0.72	0.71	0.74	0.77								

AEROSPACE AND HIGH TEMPERATURE ALLOYS

CarTech® A-286 Alloy	3.46	3.44	3.44	3.65	
CarTech® Alloy 2 (159 ALY / MP159)	12.63	11.87	11.55	16.41	
CarTech® Greek Ascology (418 SS)	1.30	1.29	1.32	1.37	
CarTech® L-605 Alloy	10.57	10.13	10.01	13.54	
CarTech® Waspaloy	8.24	8.06	7.98	9.23	
CarTech® 350 (Pyromet® 350)	1.43	1.40	1.42	1.45	
CarTech® 355 (Pyromet® 355)	1.44	1.41	1.43	1.46	
CarTech® 41 (Pyromet® 41)	9.49	9.29	9.22	10.25	
CarTech® 600 (Pyromet® 600)	6.50	6.45	6.42	6.87	
CarTech® 625 (Pyromet® 625)	9.40	9.30	9.25	9.62	
CarTech® 680 (Pyromet® 680)	7.83	7.72	7.68	8.10	
CarTech® 706 (Pyromet® 706)	4.77	4.74	4.73	5.03	
CarTech® 718 (Pyromet® 718)	7.05	6.99	6.96	7.31	
CarTech® 720 (Pyromet® 720)	8.11	7.92	7.85	9.16	
CarTech® 80A (Pyromet® 80A)	6.94	6.89	6.85	7.33	
CarTech® 825 (Pyromet® 825)	5.13	5.08	5.06	5.31	
CarTech® 882 (Pyromet® 882)	0.61	0.60	0.63	0.64	
CarTech® 901 (Pyromet® 901)	5.96	5.89	5.86	6.11	
CarTech® CTX-1 (Pyromet® CTX-1)	5.17	5.02	4.98	6.15	
CarTech® CTX-3 (Pyromet® CTX-3)	5.34	5.19	5.15	6.25	
CarTech® CTX-909 (Pyromet® CTX-909)	5.32	5.17	5.13	6.23	
CarTech® X-750 (Pyromet® X-750)	6.66	6.61	6.57	7.01	
CarTech® C-263	8.84	8.59	8.51	10.12	
CarTech® Thermo-Span® Alloy	6.29	6.03	5.96	8.01	

MAGNETIC, CONTROLLED EXPANSION AND ELECTRICAL ALLOYS

CarTech® 22-3 High Thermal Expansion	2.02	2.00	2.02	2.14
CarTech® Electrical Iron	0.25	0.25	0.29	0.30

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CarTech® Glass Sealing 42	3.50	3.47	3.47	3.67								
CarTech® Glass Sealing 52	4.17	4.14	4.13	4.38								
CarTech® High Permeability "49"® Alloy	3.97	3.94	3.93	4.17								
CarTech® HyMu "80"® Alloy	7.48	7.40	7.35	7.71								
CarTech® HyMu "80"® Mark II Alloy	7.48	7.40	7.35	7.71								
CarTech® HyMu "800"	7.74	7.65	7.60	7.95								
CarTech® Super Invar 32-5	2.84	2.77	2.76	3.28								
CarTech® Invar 36 Alloy	3.10	3.07	3.08	3.26								
CarTech® Low Expansion "42"® Alloy / Thermostat	3.50	3.47	3.47	3.67								
CarTech® Low Expansion 43-PH	3.70	3.67	3.66	3.88								
CarTech® Nickel 200 Alloy	8.06	7.99	7.94	8.42								
CarTech® Nickel 201 Alloy, Nickel 205 Alloy	8.01	7.94	7.88	8.36								
CarTech® Silicon Core Iron "A-FM"	0.18	0.18	0.22	0.23								
CarTech® Silicon Core Iron "B"	0.25	0.25	0.29	0.30								
CarTech® Silicon Core Iron "B-FM"	0.25	0.25	0.29	0.30								
CarTech® Temperature Compensator "30"® Type 2	2.55	2.53	2.54	2.70								
CarTech® Temperature Compensator "30"® Type 4	2.55	2.53	2.54	2.70								
CarTech® Temperature Compensator "32"	2.75	2.73	2.73	2.90								
CarTech® Chrome Core® 8-FM Alloy	0.41	0.41	0.44	0.46								
CarTech® Chrome Core® 12-FM Alloy	0.45	0.45	0.48	0.50								
CarTech® Chrome Core® 13-FM	0.46	0.46	0.49	0.51								
CarTech® Chrome Core® 13-XP	0.65	0.64	0.68	0.70								
CarTech® Chrome Core® 18-FM Alloy	0.85	0.83	0.86	0.88								
CarTech® Free-Cut Invar "36"® Alloy	3.10	3.07	3.08	3.26								
CarTech® Hiperc® 27 Alloy	2.81	2.58	2.54	4.32								
CarTech® Hiperc® 50 Alloy	5.04	4.63	4.53	7.74								
CarTech® Hiperc® 50 HS Alloy	4.94	4.52	4.43	7.62								
CarTech® Hiperc® 50A Alloy	5.04	4.63	4.53	7.74								
CarTech® Hy Mu 77 Alloy	6.46	6.42	6.40	6.80								
CarTech® Hy-Ra "49"® Alloy	3.97	3.94	3.93	4.17								
CarTech® Kovar® Alloy	2.72	2.55	2.52	3.78								
CarTech® MagneDur® 20-4 Alloy	2.76	2.72	2.73	2.81								
CarTech® No. 1 JR® Type 1 Alloy	0.47	0.47	0.52	0.55								
CarTech® No. 1 JR® Type 2 Alloy	0.42	0.42	0.46	0.48								
CarTech® Rotelloy 3 Alloy	5.07	4.65	4.55	7.79								
CarTech® Rotelloy 8 Alloy	5.00	4.58	4.48	7.72								

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CarTech® Mumetal	7.38	7.31	7.28	7.66								
CarTech® Hypocore	0.31	0.26	0.29	0.63								
CarTech® High Expansion 25-8	2.30	2.28	2.29	2.43								
CarTech® Low Expansion 50	4.22	4.18	4.17	4.42								
CarTech® Low Expansion 40	3.41	3.38	3.38	3.59								
CarTech® Low Expansion 45	3.75	3.71	3.71	3.94								
CarTech® High Expansion 19-7	1.81	1.80	1.81	1.92								
CarTech® High Expansion 19-2	1.81	1.79	1.81	1.92								
CarTech® Low Expansion 38-7	3.30	3.27	3.28	3.47								
CarTech® High Expansion 72	2.22	2.23	2.33	2.58								
MEDICAL ALLOYS												
CarTech® BioDur® 108 Alloy	0.75	0.72	0.74	0.77								
CarTech® BioDur® 22Cr-13Ni-5Mn Stainless	1.99	1.96	1.98	2.05								
CarTech® BioDur® 316LS Stainless	2.22	2.18	2.19	2.26								
CarTech® BioDur® 470/Custom 470	1.46	1.44	1.46	1.53								
CarTech® BioDur® 734 Alloy	1.84	1.81	1.82	1.88								
CarTech® BioDur® Carpenter CCM® Alloy	9.51	8.91	8.75	13.16								
CarTech® BioDur® TrimRite® Stainless	0.61	0.60	0.63	0.65								
CarTech® Micro-Melt® BioDur® Carpenter CCM® Alloy	9.55	8.96	8.80	13.16								
CarTech® Micro-Melt® BioDur® CCM Plus®	9.40	8.83	8.68	12.83								
CarTech® Conichrome Alloy	8.38	7.98	7.87	10.64								
CORROSION-RESISTANT ALLOYS												
CarTech® Alloy 22	10.35	10.22	10.17	10.51								
CarTech® Alloy C-276	10.58	10.42	10.36	10.69								
CarTech® MP35N* Alloy	15.11	14.33	13.99	18.71								
CarTech® Ni-Cu 400	6.77	6.78	6.88	7.35								
CarTech® Ni-Cu 405	6.77	6.78	6.88	7.35								
CarTech® Custom Age 625 PLUS® / 725	9.03	8.93	8.89	9.26								
CarTech® 925	5.61	5.56	5.55	5.88								
*MP35N is a trademark of SPS Technologies, Inc.												
BEARING AND GEAR STEELS												
CarTech® 52100	0.25	0.25	0.29	0.31								
CarTech® 52100T2	0.25	0.25	0.29	0.31								

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CarTech® Aero-A6	0.54	0.53	0.57	0.61								
CarTech® BG-42	1.79	1.75	1.77	1.78								
CarTech® CBS 223	1.61	1.56	1.56	1.70								
CarTech® CBS 600	1.41	1.38	1.41	1.44								
CarTech® CBS50Nil	3.08	3.00	3.00	3.13								
CarTech® CSS-42L	2.85	2.70	2.69	3.46								
CarTech® Dynaflex	0.74	0.72	0.76	0.78								
CarTech® L-6490	1.68	1.64	1.66	1.66								
CarTech® Lesco® 53	2.00	1.97	2.00	2.03								
CarTech® Pyrowear® Alloy 53	2.00	1.97	2.00	2.03								
CarTech® M-50	2.20	2.13	2.13	2.23								
CarTech® QC61	2.48	2.32	2.30	3.46								
CarTech® QC64	2.43	2.28	2.26	3.30								
ALLOY STEELS												
CarTech® 300M	0.52	0.51	0.55	0.57								
CarTech® 35NCD16	0.56	0.56	0.59	0.63								
CarTech® 4130 , 4140, 4150	0.31	0.30	0.34	0.35								
CarTech® 4319, 4320, 4343	0.46	0.46	0.49	0.51								
CarTech® 4330+V, 4335+V	0.54	0.53	0.56	0.58								
CarTech® 4340, 4340 VV	0.46	0.46	0.49	0.51								
CarTech® 6150	0.30	0.30	0.34	0.36								
CarTech® 8620	0.34	0.34	0.37	0.39								
CarTech® 9310, 9315	0.53	0.53	0.56	0.59								
CarTech® AerMet® 100 Alloy	2.82	2.69	2.68	3.60								
CarTech® AerMet® 310 Alloy	3.02	2.88	2.86	3.91								
CarTech® AerMet® 340 Alloy	3.28	3.12	3.10	4.19								
CarTech® AF1410	2.20	2.07	2.06	2.98								
CarTech® No. 158® Alloy	0.54	0.54	0.57	0.60								
CarTech® D6AC	0.60	0.59	0.62	0.63								
CarTech® GNB100	0.84	0.83	0.86	0.89								
CarTech® HP-9-4-20	1.52	1.47	1.48	1.81								
CarTech® HP-9-4-30	1.39	1.34	1.36	1.68								
CarTech® HY180	1.83	1.75	1.75	2.31								
CarTech® HYTUF	0.57	0.57	0.60	0.63								
CarTech® L-6305	0.43	0.43	0.46	0.48								

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CarTech® NiMark® Alloy 250	3.80	3.69	3.68	4.24								
CarTech® NiMark+A273 Alloy 250-LR	3.80	3.69	3.68	4.24								
CarTech® NiMark® Alloy 300	3.94	3.82	3.80	4.44								
CarTech® Nitralloy 135	0.33	0.32	0.36	0.38								
CarTech® Nitralloy N	0.59	0.58	0.62	0.65								
CarTech® PremoMax® Alloy	0.45	0.45	0.49	0.51								
CarTech® PremoMet® Alloy	0.76	0.75	0.79	0.82								
CarTech® QM54	1.78	1.71	1.71	2.15								
CarTech® UT-18	0.60	0.59	0.62	0.63								
SPECIALTY ALLOYS												
CarTech® AEREX	15.47	15.04	14.76	18.86								
CarTech® JETHETE	1.40	1.39	1.42	1.51								
CarTech® QS53	2.63	2.49	2.48	3.38								
CarTech® XM-27	2.42	2.25	2.11	2.71								
SPECIAL PURPOSE ALLOYS												
CarTech® CBX Cupron® Alloy	5.99	6.06	6.25	6.73								
CarTech® Evanohm® Alloy R	7.15	7.10	7.07	7.55								
CarTech® Manganin 13	4.28	4.42	4.78	5.22								
CarTech® NIAL Alloy	7.78	7.72	7.67	8.13								
CarTech® NIAL Alloy / Low Resistivity NIAL	7.78	7.72	7.67	8.13								
VALVE STEELS												
CarTech® 31V (Pyromet® 31V)	6.37	6.32	6.29	6.69								
CarTech® 751 (Pyromet® 751)	6.43	6.38	6.34	6.78								
CarTech® 80A (Pyromet® 80A) Valve	6.94	6.89	6.85	7.33								
HIGH SPEED STEELS (not applicable to powder products)												
CarTech® M1 - Tatmo	2.98	2.92	2.93	2.91								
CarTech® M2 - Double 6	3.67	3.62	3.64	3.68								
CarTech® M2 - Double 6-XL	3.55	3.50	3.52	3.56								
CarTech® M4 - Stark	3.41	3.37	3.38	3.46								
CarTech® M7 - Tatmo-VN	3.18	3.11	3.11	3.11								
CarTech® M11 - Vancomo	2.90	2.82	2.83	2.90								
CarTech® M35 - HS 105	3.81	3.74	3.75	4.05								

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CarTech® M42 - Dynamax	3.72	3.59	3.58	3.98								
CarTech® M50 - CM-50	1.68	1.64	1.66	1.66								
CarTech® Abscido	2.35	2.32	2.34	2.39								
CarTech® Supersaw	2.41	2.31	2.31	2.74								
TOOL STEELS (not applicable to powder products)												
CarTech® A2 - Select-B	0.62	0.61	0.65	0.67								
CarTech® A6 - Lesco A6	0.58	0.57	0.61	0.61								
CarTech® A7 - Brickmold	1.31	1.29	1.32	1.41								
CarTech® A8 - MGR	1.05	1.04	1.08	1.10								
CarTech® A9 - Mazeman	0.98	0.96	1.00	1.03								
CarTech® A10 - Graph-Air	0.79	0.78	0.82	0.83								
CarTech® A18 - Whitebear	1.07	1.05	1.08	1.13								
CarTech® D3 - GSN	0.45	0.45	0.49	0.52								
CarTech® D4 - GSN+Mo	0.34	0.34	0.38	0.40								
CarTech® D7 - BR-4	1.26	1.24	1.27	1.35								
CarTech® H11 - Dycast	0.71	0.70	0.73	0.75								
CarTech® H12 - L.P.D.®	1.11	1.10	1.14	1.16								
CarTech® H13++ - VDC-RF	0.81	0.79	0.83	0.85								
CarTech® H13-FM - Viscount	0.82	0.81	0.84	0.87								
CarTech® H19 - Lesco19	2.15	2.11	2.13	2.43								
CarTech® H21 - CLW	2.89	2.89	2.93	2.99								
CarTech® H26 - H26 Mod	5.53	5.52	5.55	5.71								
CarTech® H43 - Lesco 43	2.06	2.02	2.05	2.36								
CarTech® L6 - Montana	1.59	1.59	1.63	1.67								
CarTech® O1 - Badger	0.41	0.41	0.46	0.47								
CarTech® O6 - Graph-Mo	0.34	0.34	0.38	0.40								
CarTech® O7 - Lesco O7	0.70	0.70	0.74	0.76								
CarTech® S1 - XL®-Chisel	0.88	0.88	0.93	0.96								
CarTech® S4 - Damascus	0.27	0.27	0.31	0.33								
CarTech® S5 - Lanark	0.63	0.62	0.66	0.67								
CarTech® S7 - Bearcat	0.68	0.67	0.71	0.71								
CarTech® CAT4039	0.92	0.90	0.92	0.93								
CarTech® Lescowear	1.42	1.39	1.43	1.48								
CarTech® Mandrel	0.53	0.52	0.57	0.60								
CarTech® 420-FM - Saxman-FM	0.51	0.50	0.54	0.56								

Carpenter reserves the right to change base values and/or add producer premiums to accurately reflect the changes in raw material markets and prices.

Raw Material and Energy Surcharges 2025 - USD/lb.
(applicable at time of shipment)



Alloy Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech® 420SS - Saxman6R	0.51	0.50	0.54	0.56								
Conversion Services (Natural Gas Surcharges)												
Process 1 - Non-Ti Air Cool	0.01	0.04	0.04	0.04								
Process 2 - Non Ti Fce Cool	0.02	0.05	0.06	0.06								
Process 3 - General Ti	0.01	0.04	0.04	0.04								
Process 4 Special Processing	0.02	0.05	0.06	0.06								
Process 5 - Machining Only	0.00	0.00	0.00	0.00								
Process 6 - Remelt Only	0.00	0.00	0.00	0.00								