

Raw Material and Energy Surcharges 2015 - 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., visit www.carttech.com and click "Request Quote" to contact a sales office near you.

STAINLESS STEELS

| Alloy Description | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| CarTech® 15-15HS® Stainless | 0.56 | 0.58 | 0.50 | 0.50 | 0.47 | 0.47 | 0.45 | 0.41 | 0.39 | 0.39 | 0.35 | 0.32 |
| CarTech® 15-15LC® Modified Stainless | 0.56 | 0.57 | 0.49 | 0.49 | 0.47 | 0.47 | 0.45 | 0.40 | 0.38 | 0.38 | 0.34 | 0.32 |
| CarTech® 20Cb-3® Stainless | 2.64 | 2.39 | 2.30 | 2.15 | 1.93 | 2.08 | 1.90 | 1.59 | 1.37 | 1.28 | 1.32 | 1.08 |
| CarTech® 20Mo-6® Stainless | 2.86 | 2.65 | 2.52 | 2.36 | 2.13 | 2.26 | 2.07 | 1.69 | 1.47 | 1.37 | 1.38 | 1.15 |
| CarTech® 302HQ-FM® Stainless | 0.83 | 0.78 | 0.72 | 0.68 | 0.62 | 0.65 | 0.62 | 0.55 | 0.48 | 0.44 | 0.45 | 0.39 |
| CarTech® 316L-SCQ® Stainless | 1.19 | 1.11 | 1.04 | 0.98 | 0.89 | 0.94 | 0.86 | 0.74 | 0.65 | 0.61 | 0.59 | 0.50 |
| CarTech® 13-8 Stainless | 0.90 | 0.85 | 0.78 | 0.74 | 0.68 | 0.71 | 0.66 | 0.56 | 0.50 | 0.47 | 0.44 | 0.38 |
| CarTech® 15Cr-5Ni | 0.62 | 0.59 | 0.54 | 0.52 | 0.48 | 0.51 | 0.48 | 0.43 | 0.40 | 0.37 | 0.38 | 0.33 |
| CarTech® 18Cr-2Ni-12Mn | 0.47 | 0.46 | 0.41 | 0.41 | 0.39 | 0.38 | 0.38 | 0.36 | 0.34 | 0.32 | 0.31 | 0.28 |
| CarTech® 18Cr-3Ni-12Mn | 0.57 | 0.56 | 0.52 | 0.50 | 0.46 | 0.46 | 0.45 | 0.42 | 0.39 | 0.37 | 0.36 | 0.31 |
| CarTech® 21Cr-6Ni-9Mn | 0.76 | 0.73 | 0.67 | 0.64 | 0.59 | 0.61 | 0.58 | 0.54 | 0.49 | 0.45 | 0.46 | 0.39 |
| CarTech® 22Cr-13Ni-5Mn | 1.27 | 1.18 | 1.11 | 1.05 | 0.97 | 1.00 | 0.94 | 0.80 | 0.72 | 0.67 | 0.66 | 0.57 |
| CarTech® 275 Stainless | 1.02 | 0.93 | 0.88 | 0.83 | 0.75 | 0.78 | 0.74 | 0.64 | 0.56 | 0.51 | 0.52 | 0.43 |
| CarTech® 302HQ-SFQ Stainless | 0.83 | 0.78 | 0.72 | 0.68 | 0.62 | 0.65 | 0.62 | 0.55 | 0.48 | 0.44 | 0.45 | 0.39 |
| CarTech® Custom 631 (17Cr-7Ni) | 0.69 | 0.66 | 0.60 | 0.57 | 0.53 | 0.56 | 0.53 | 0.47 | 0.42 | 0.39 | 0.39 | 0.33 |
| CarTech® 15-7PH Stainless | 0.87 | 0.83 | 0.76 | 0.72 | 0.66 | 0.68 | 0.64 | 0.55 | 0.50 | 0.46 | 0.44 | 0.38 |
| CarTech® Custom 630 (17Cr-4Ni) Stainless | 0.62 | 0.58 | 0.54 | 0.52 | 0.49 | 0.51 | 0.48 | 0.44 | 0.40 | 0.38 | 0.38 | 0.33 |
| CarTech® No. 5-F Stainless (Type 416 Mod) | 0.26 | 0.27 | 0.21 | 0.21 | 0.20 | 0.20 | 0.20 | 0.20 | 0.19 | 0.18 | 0.16 | 0.15 |
| CarTech® 302 Stainless | 0.83 | 0.78 | 0.72 | 0.68 | 0.62 | 0.65 | 0.62 | 0.55 | 0.48 | 0.44 | 0.45 | 0.39 |
| CarTech® 302/304/304L Stainless | 0.83 | 0.78 | 0.72 | 0.68 | 0.62 | 0.65 | 0.62 | 0.55 | 0.48 | 0.44 | 0.45 | 0.39 |
| CarTech® 303 Stainless | 0.83 | 0.78 | 0.72 | 0.68 | 0.62 | 0.65 | 0.62 | 0.55 | 0.48 | 0.44 | 0.45 | 0.39 |
| CarTech® 303 Se Stainless | 0.83 | 0.78 | 0.72 | 0.68 | 0.62 | 0.65 | 0.62 | 0.55 | 0.48 | 0.44 | 0.45 | 0.39 |
| CarTech® 304/304L Stainless | 0.85 | 0.80 | 0.75 | 0.70 | 0.63 | 0.67 | 0.63 | 0.57 | 0.50 | 0.45 | 0.47 | 0.40 |
| CarTech® 305 Stainless | 1.00 | 0.93 | 0.87 | 0.82 | 0.74 | 0.78 | 0.74 | 0.65 | 0.56 | 0.51 | 0.53 | 0.46 |
| CarTech® 309 Stainless | 1.14 | 1.06 | 1.00 | 0.94 | 0.84 | 0.90 | 0.84 | 0.74 | 0.65 | 0.60 | 0.63 | 0.52 |
| CarTech® 310 Stainless | 1.59 | 1.46 | 1.38 | 1.29 | 1.16 | 1.25 | 1.16 | 1.00 | 0.86 | 0.80 | 0.84 | 0.70 |
| CarTech® 316/316L Stainless | 1.19 | 1.11 | 1.04 | 0.98 | 0.89 | 0.94 | 0.86 | 0.74 | 0.65 | 0.61 | 0.59 | 0.50 |
| CarTech® 316L Stainless | 1.19 | 1.11 | 1.04 | 0.98 | 0.89 | 0.94 | 0.86 | 0.74 | 0.65 | 0.61 | 0.59 | 0.50 |
| CarTech® 321 Stainless | 0.92 | 0.86 | 0.81 | 0.76 | 0.69 | 0.72 | 0.69 | 0.60 | 0.53 | 0.48 | 0.50 | 0.43 |
| CarTech® 347 Stainless | 0.95 | 0.89 | 0.83 | 0.78 | 0.71 | 0.75 | 0.71 | 0.62 | 0.54 | 0.49 | 0.51 | 0.44 |
| CarTech® 403 Stainless | 0.25 | 0.26 | 0.21 | 0.21 | 0.20 | 0.20 | 0.20 | 0.20 | 0.19 | 0.18 | 0.16 | 0.15 |
| CarTech® 410 Stainless | 0.25 | 0.26 | 0.21 | 0.21 | 0.20 | 0.20 | 0.20 | 0.20 | 0.19 | 0.18 | 0.16 | 0.15 |
| CarTech® 416 Stainless | 0.26 | 0.27 | 0.21 | 0.21 | 0.20 | 0.20 | 0.20 | 0.20 | 0.19 | 0.18 | 0.16 | 0.15 |

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|---|------|------|------|------|------|------|------|------|------|------|------|------|
| CarTech® 416 (No. 5) Stainless | 0.26 | 0.27 | 0.21 | 0.21 | 0.20 | 0.20 | 0.20 | 0.20 | 0.19 | 0.18 | 0.16 | 0.15 |
| CarTech® 416 RS Stainless | 0.26 | 0.27 | 0.21 | 0.21 | 0.20 | 0.20 | 0.20 | 0.20 | 0.19 | 0.18 | 0.16 | 0.15 |
| CarTech® 416BQ Stainless (No. 5BQ) | 0.26 | 0.27 | 0.21 | 0.21 | 0.20 | 0.20 | 0.20 | 0.20 | 0.19 | 0.18 | 0.16 | 0.15 |
| CarTech® 420 Stainless | 0.26 | 0.27 | 0.21 | 0.21 | 0.20 | 0.20 | 0.20 | 0.20 | 0.19 | 0.18 | 0.16 | 0.15 |
| CarTech® 420 Mod Stainless | 0.26 | 0.27 | 0.21 | 0.21 | 0.20 | 0.20 | 0.20 | 0.20 | 0.19 | 0.18 | 0.16 | 0.15 |
| CarTech® 420F Stainless | 0.26 | 0.27 | 0.21 | 0.21 | 0.20 | 0.20 | 0.20 | 0.20 | 0.19 | 0.18 | 0.16 | 0.15 |
| CarTech® 430 Stainless | 0.28 | 0.29 | 0.24 | 0.24 | 0.23 | 0.23 | 0.23 | 0.23 | 0.21 | 0.21 | 0.18 | 0.18 |
| CarTech® 430F Stainless | 0.28 | 0.29 | 0.24 | 0.24 | 0.23 | 0.23 | 0.23 | 0.23 | 0.21 | 0.21 | 0.18 | 0.18 |
| CarTech® 430FR Stainless | 0.28 | 0.29 | 0.24 | 0.24 | 0.23 | 0.23 | 0.23 | 0.23 | 0.21 | 0.21 | 0.18 | 0.18 |
| CarTech® 431 Stainless | 0.39 | 0.39 | 0.33 | 0.32 | 0.30 | 0.31 | 0.30 | 0.29 | 0.26 | 0.25 | 0.24 | 0.21 |
| CarTech® 434 Stainless | 0.36 | 0.37 | 0.32 | 0.32 | 0.29 | 0.29 | 0.28 | 0.27 | 0.25 | 0.25 | 0.21 | 0.20 |
| CarTech® 440A Stainless | 0.28 | 0.29 | 0.24 | 0.24 | 0.23 | 0.23 | 0.23 | 0.23 | 0.21 | 0.21 | 0.18 | 0.18 |
| CarTech® 440C Stainless | 0.28 | 0.29 | 0.24 | 0.24 | 0.23 | 0.23 | 0.23 | 0.23 | 0.21 | 0.21 | 0.18 | 0.18 |
| CarTech® 440F-Se Stainless | 0.28 | 0.29 | 0.24 | 0.24 | 0.23 | 0.23 | 0.23 | 0.23 | 0.21 | 0.21 | 0.18 | 0.18 |
| CarTech® 446 Stainless | 0.33 | 0.34 | 0.29 | 0.29 | 0.27 | 0.27 | 0.27 | 0.27 | 0.26 | 0.25 | 0.23 | 0.23 |
| CarTech® 204-Cu Stainless | 0.62 | 0.60 | 0.53 | 0.52 | 0.49 | 0.50 | 0.48 | 0.45 | 0.41 | 0.40 | 0.39 | 0.34 |
| CarTech® Consumet® 304L-SCQ | 0.83 | 0.78 | 0.72 | 0.68 | 0.62 | 0.65 | 0.62 | 0.55 | 0.48 | 0.44 | 0.45 | 0.39 |
| CarTech® Custom 450® Stainless | 0.73 | 0.68 | 0.63 | 0.61 | 0.55 | 0.57 | 0.54 | 0.49 | 0.44 | 0.41 | 0.40 | 0.36 |
| CarTech® Custom 455® Stainless | 0.83 | 0.78 | 0.71 | 0.68 | 0.62 | 0.66 | 0.63 | 0.55 | 0.49 | 0.45 | 0.46 | 0.38 |
| CarTech® Custom 465® Stainless | 1.00 | 0.94 | 0.86 | 0.81 | 0.75 | 0.80 | 0.74 | 0.65 | 0.57 | 0.52 | 0.51 | 0.43 |
| CarTech® Custom 475™ Stainless | 1.05 | 1.02 | 0.93 | 0.88 | 0.82 | 0.83 | 0.76 | 0.63 | 0.57 | 0.53 | 0.49 | 0.43 |
| CarTech® Custom Flo 302HQ Stainless | 0.83 | 0.78 | 0.72 | 0.68 | 0.62 | 0.65 | 0.62 | 0.55 | 0.48 | 0.44 | 0.45 | 0.39 |
| CarTech® EnduraMet® 2205 Stainless | 0.87 | 0.85 | 0.76 | 0.74 | 0.69 | 0.70 | 0.66 | 0.57 | 0.53 | 0.49 | 0.47 | 0.40 |
| CarTech® Gall-Tough® PLUS Stainless | 0.94 | 0.88 | 0.82 | 0.77 | 0.71 | 0.74 | 0.69 | 0.59 | 0.53 | 0.51 | 0.51 | 0.44 |
| CarTech® Gall-Tough® Stainless | 0.61 | 0.59 | 0.53 | 0.51 | 0.47 | 0.49 | 0.46 | 0.43 | 0.38 | 0.36 | 0.36 | 0.32 |
| CarTech® 15Cr-5Ni Project 70+® Stainless | 0.62 | 0.59 | 0.54 | 0.52 | 0.48 | 0.51 | 0.48 | 0.43 | 0.40 | 0.37 | 0.38 | 0.33 |
| CarTech® Custom 630 Project 70+® Stainless | 0.62 | 0.58 | 0.54 | 0.52 | 0.49 | 0.51 | 0.48 | 0.44 | 0.40 | 0.38 | 0.38 | 0.33 |
| CarTech® 303 Project 70+® Escomatic Quality | 0.83 | 0.78 | 0.72 | 0.68 | 0.62 | 0.65 | 0.62 | 0.55 | 0.48 | 0.44 | 0.45 | 0.39 |
| CarTech® 303 Project 70+® Stainless | 0.83 | 0.78 | 0.72 | 0.68 | 0.62 | 0.65 | 0.62 | 0.55 | 0.48 | 0.44 | 0.45 | 0.39 |
| CarTech® 304/304L Project 70+® Stainless | 0.85 | 0.80 | 0.75 | 0.70 | 0.63 | 0.67 | 0.63 | 0.57 | 0.50 | 0.45 | 0.47 | 0.40 |
| CarTech® 316/316L Project 70+® Stainless | 1.19 | 1.11 | 1.04 | 0.98 | 0.89 | 0.94 | 0.86 | 0.74 | 0.65 | 0.61 | 0.59 | 0.50 |
| CarTech® 416 Project 70+® Stainless | 0.26 | 0.27 | 0.21 | 0.21 | 0.20 | 0.20 | 0.20 | 0.20 | 0.19 | 0.18 | 0.16 | 0.15 |
| CarTech® Pyrowear® 675 Stainless | 0.59 | 0.59 | 0.51 | 0.50 | 0.47 | 0.47 | 0.45 | 0.38 | 0.36 | 0.34 | 0.30 | 0.28 |
| CarTech® SCF 19® Alloy | 1.70 | 1.60 | 1.50 | 1.41 | 1.28 | 1.33 | 1.23 | 1.03 | 0.91 | 0.85 | 0.83 | 0.70 |
| CarTech® 304H Stainless | 0.85 | 0.80 | 0.75 | 0.70 | 0.63 | 0.67 | 0.63 | 0.57 | 0.50 | 0.45 | 0.47 | 0.40 |
| CarTech® 410 Mod Stainless | 0.25 | 0.26 | 0.21 | 0.21 | 0.20 | 0.20 | 0.20 | 0.20 | 0.19 | 0.18 | 0.16 | 0.15 |

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Raw Material and Energy Surcharges 2015 - USD/lb.

(applicable at time of shipment)



| Alloy Description | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| CarTech® TrimRite® Stainless | 0.35 | 0.35 | 0.29 | 0.29 | 0.28 | 0.28 | 0.27 | 0.26 | 0.24 | 0.23 | 0.21 | 0.18 |
| CarTech® 409Cb Stainless | 0.24 | 0.25 | 0.20 | 0.20 | 0.19 | 0.19 | 0.19 | 0.19 | 0.18 | 0.17 | 0.15 | 0.15 |
| CarTech® 409Cb High Nickel Stainless | 0.29 | 0.30 | 0.25 | 0.24 | 0.24 | 0.23 | 0.24 | 0.22 | 0.21 | 0.19 | 0.18 | 0.16 |

AEROSPACE AND HIGH TEMPERATURE ALLOYS

| Alloy Description | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| CarTech® A-286 Alloy | 1.97 | 1.79 | 1.71 | 1.60 | 1.44 | 1.55 | 1.43 | 1.21 | 1.03 | 0.95 | 1.00 | 0.81 |
| CarTech® Alloy 2 | 5.41 | 5.35 | 5.12 | 4.46 | 4.36 | 4.83 | 4.69 | 4.42 | 3.99 | 3.47 | 3.50 | 2.65 |
| CarTech® 636 | 0.47 | 0.47 | 0.41 | 0.40 | 0.36 | 0.37 | 0.35 | 0.35 | 0.32 | 0.28 | 0.25 | 0.23 |
| CarTech® Greek Ascology | 0.92 | 0.89 | 0.82 | 0.80 | 0.78 | 0.77 | 0.74 | 0.69 | 0.64 | 0.62 | 0.55 | 0.50 |
| CarTech® L-605 Alloy | 7.58 | 7.59 | 7.31 | 6.45 | 6.47 | 6.98 | 6.83 | 6.65 | 6.07 | 5.36 | 5.12 | 3.92 |
| CarTech® Waspaloy | 5.25 | 4.91 | 4.74 | 4.27 | 3.95 | 4.33 | 4.06 | 3.55 | 3.09 | 2.76 | 2.90 | 2.25 |
| CarTech® 350 (Pyromet® 350) | 0.75 | 0.73 | 0.65 | 0.63 | 0.58 | 0.59 | 0.55 | 0.48 | 0.45 | 0.41 | 0.39 | 0.34 |
| CarTech® 355 (Pyromet® 355) | 0.75 | 0.72 | 0.65 | 0.63 | 0.58 | 0.59 | 0.55 | 0.47 | 0.44 | 0.41 | 0.38 | 0.33 |
| CarTech® 41 (Pyromet® 41) | 5.45 | 5.14 | 4.93 | 4.51 | 4.18 | 4.51 | 4.21 | 3.65 | 3.23 | 2.93 | 3.06 | 2.49 |
| CarTech® 600 (Pyromet® 600) | 4.40 | 3.90 | 3.80 | 3.47 | 3.05 | 3.36 | 3.05 | 2.45 | 2.00 | 1.80 | 1.98 | 1.50 |
| CarTech® 625 (Pyromet® 625) | 5.63 | 5.23 | 5.07 | 4.77 | 4.38 | 4.59 | 4.27 | 3.65 | 3.24 | 3.06 | 3.22 | 2.82 |
| CarTech® 680 (Pyromet® 680) | 4.53 | 4.23 | 4.08 | 3.83 | 3.52 | 3.71 | 3.44 | 2.95 | 2.64 | 2.47 | 2.58 | 2.24 |
| CarTech® 706 (Pyromet® 706) | 3.44 | 3.16 | 3.10 | 2.91 | 2.65 | 2.82 | 2.65 | 2.31 | 2.04 | 1.91 | 2.02 | 1.74 |
| CarTech® 718 (Pyromet® 718) | 4.73 | 4.38 | 4.27 | 4.03 | 3.70 | 3.89 | 3.65 | 3.17 | 2.84 | 2.67 | 2.80 | 2.45 |
| CarTech® 720 (Pyromet® 720) | 5.24 | 4.91 | 4.73 | 4.24 | 3.93 | 4.34 | 4.06 | 3.55 | 3.08 | 2.74 | 2.84 | 2.18 |
| CarTech® 80A (Pyromet® 80A) | 4.77 | 4.26 | 4.16 | 3.82 | 3.39 | 3.71 | 3.40 | 2.79 | 2.32 | 2.11 | 2.30 | 1.81 |
| CarTech® 882 (Pyromet® 882) | 0.38 | 0.39 | 0.33 | 0.32 | 0.30 | 0.29 | 0.28 | 0.26 | 0.23 | 0.23 | 0.20 | 0.18 |
| CarTech® 901 (Pyromet® 901) | 3.45 | 3.18 | 3.05 | 2.84 | 2.58 | 2.74 | 2.53 | 2.10 | 1.84 | 1.71 | 1.82 | 1.52 |
| CarTech® CTX-1 (Pyromet® CTX-1) | 3.47 | 3.26 | 3.14 | 2.73 | 2.53 | 2.85 | 2.67 | 2.37 | 1.99 | 1.71 | 1.78 | 1.25 |
| CarTech® CTX-3 (Pyromet® CTX-3) | 3.65 | 3.43 | 3.30 | 2.92 | 2.73 | 3.01 | 2.86 | 2.55 | 2.19 | 1.92 | 2.00 | 1.47 |
| CarTech® CTX-909 (Pyromet® CTX-909) | 3.64 | 3.42 | 3.29 | 2.91 | 2.71 | 3.00 | 2.85 | 2.54 | 2.17 | 1.90 | 1.98 | 1.45 |
| CarTech® X-750 (Pyromet® X-750) | 4.35 | 3.87 | 3.77 | 3.45 | 3.04 | 3.36 | 3.05 | 2.47 | 2.03 | 1.82 | 2.01 | 1.55 |
| CarTech® Thermo-Span® Alloy | 4.49 | 4.42 | 4.25 | 3.71 | 3.61 | 4.00 | 3.88 | 3.71 | 3.31 | 2.88 | 2.92 | 2.21 |
| CarTech® 286-LNi Alloy | 1.55 | 1.43 | 1.35 | 1.26 | 1.15 | 1.22 | 1.15 | 0.98 | 0.85 | 0.78 | 0.80 | 0.66 |

MAGNETIC, CONTROLLED EXPANSION AND ELECTRICAL ALLOYS

| Alloy Description | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| CarTech® 485 Alloy | 3.11 | 2.79 | 2.70 | 2.48 | 2.21 | 2.41 | 2.21 | 1.82 | 1.52 | 1.38 | 1.50 | 1.19 |
| CarTech® 22-3 High Thermal Expansion | 1.55 | 1.40 | 1.33 | 1.23 | 1.09 | 1.18 | 1.09 | 0.91 | 0.76 | 0.70 | 0.74 | 0.59 |
| CarTech® Electrical Iron | 0.18 | 0.19 | 0.14 | 0.14 | 0.13 | 0.13 | 0.13 | 0.13 | 0.11 | 0.11 | 0.09 | 0.08 |

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| CarTech® Glass Sealing "42-6" | 2.82 | 2.53 | 2.44 | 2.25 | 1.99 | 2.18 | 1.99 | 1.65 | 1.37 | 1.26 | 1.36 | 1.08 |
| CarTech® Glass Sealing 42 | 2.68 | 2.41 | 2.33 | 2.14 | 1.90 | 2.07 | 1.90 | 1.56 | 1.30 | 1.19 | 1.29 | 1.01 |
| CarTech® Glass Sealing 52 | 3.26 | 2.92 | 2.83 | 2.60 | 2.31 | 2.53 | 2.31 | 1.90 | 1.57 | 1.44 | 1.56 | 1.22 |
| CarTech® High Permeability "49"® Alloy | 3.11 | 2.79 | 2.70 | 2.48 | 2.20 | 2.40 | 2.20 | 1.81 | 1.50 | 1.37 | 1.49 | 1.17 |
| CarTech® HyMu "80"® Alloy | 5.36 | 4.83 | 4.67 | 4.30 | 3.83 | 4.17 | 3.79 | 3.08 | 2.57 | 2.35 | 2.52 | 1.99 |
| CarTech® HyMu "80"® Mark II Alloy | 5.36 | 4.83 | 4.67 | 4.30 | 3.83 | 4.17 | 3.79 | 3.08 | 2.57 | 2.35 | 2.52 | 1.99 |
| CarTech® HyMu "80"® Mark III Alloy | 5.36 | 4.83 | 4.67 | 4.30 | 3.83 | 4.17 | 3.79 | 3.08 | 2.57 | 2.35 | 2.52 | 1.99 |
| CarTech® HyMu "800" | 5.41 | 4.88 | 4.72 | 4.35 | 3.88 | 4.21 | 3.82 | 3.11 | 2.60 | 2.38 | 2.54 | 2.01 |
| CarTech® Invar 36 Alloy | 2.38 | 2.13 | 2.05 | 1.89 | 1.68 | 1.84 | 1.68 | 1.38 | 1.14 | 1.05 | 1.13 | 0.90 |
| CarTech® Low Expansion "42"® Alloy | 2.68 | 2.41 | 2.33 | 2.14 | 1.90 | 2.07 | 1.90 | 1.56 | 1.30 | 1.19 | 1.29 | 1.01 |
| CarTech® Low Expansion "42"® Thermostat | 2.68 | 2.41 | 2.33 | 2.14 | 1.90 | 2.07 | 1.90 | 1.56 | 1.30 | 1.19 | 1.29 | 1.01 |
| CarTech® Low Expansion 43-PH | 2.84 | 2.55 | 2.47 | 2.28 | 2.02 | 2.21 | 2.03 | 1.69 | 1.41 | 1.30 | 1.40 | 1.11 |
| CarTech® Nickel 200 Alloy | 6.24 | 5.57 | 5.43 | 4.98 | 4.41 | 4.83 | 4.41 | 3.60 | 2.98 | 2.73 | 2.98 | 2.34 |
| CarTech® Nickel 201 Alloy | 6.24 | 5.57 | 5.43 | 4.98 | 4.41 | 4.83 | 4.41 | 3.60 | 2.98 | 2.73 | 2.98 | 2.34 |
| CarTech® Nickel 205 Alloy | 6.24 | 5.57 | 5.43 | 4.98 | 4.41 | 4.83 | 4.41 | 3.60 | 2.98 | 2.73 | 2.98 | 2.34 |
| CarTech® Silicon Core Iron "A-FM" | 0.17 | 0.18 | 0.13 | 0.13 | 0.12 | 0.12 | 0.12 | 0.12 | 0.10 | 0.10 | 0.08 | 0.07 |
| CarTech® Silicon Core Iron "B" | 0.17 | 0.18 | 0.13 | 0.13 | 0.12 | 0.12 | 0.12 | 0.12 | 0.10 | 0.10 | 0.08 | 0.07 |
| CarTech® Silicon Core Iron "B-FM" | 0.17 | 0.18 | 0.13 | 0.13 | 0.12 | 0.12 | 0.12 | 0.12 | 0.10 | 0.10 | 0.08 | 0.07 |
| CarTech® Temperature Compensator "30"® Type 2 | 2.01 | 1.81 | 1.73 | 1.60 | 1.42 | 1.54 | 1.42 | 1.17 | 0.97 | 0.90 | 0.95 | 0.76 |
| CarTech® Temperature Compensator "30"® Type 4 | 2.01 | 1.81 | 1.73 | 1.60 | 1.42 | 1.54 | 1.42 | 1.17 | 0.97 | 0.90 | 0.95 | 0.76 |
| CarTech® Temperature Compensator "32" | 2.16 | 1.95 | 1.86 | 1.71 | 1.53 | 1.67 | 1.53 | 1.26 | 1.05 | 0.95 | 1.03 | 0.82 |
| CarTech® Chrome Core® 8-FM Alloy | 0.25 | 0.27 | 0.20 | 0.20 | 0.19 | 0.19 | 0.19 | 0.18 | 0.16 | 0.16 | 0.14 | 0.14 |
| CarTech® Chrome Core® 12-FM Alloy | 0.27 | 0.29 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.20 | 0.19 | 0.19 | 0.17 | 0.15 |
| CarTech® Chrome Core® 13-FM | 0.28 | 0.30 | 0.23 | 0.23 | 0.22 | 0.22 | 0.22 | 0.21 | 0.20 | 0.19 | 0.17 | 0.16 |
| CarTech® Chrome Core® 13-XP | 0.39 | 0.40 | 0.34 | 0.33 | 0.31 | 0.31 | 0.31 | 0.29 | 0.27 | 0.27 | 0.22 | 0.20 |
| CarTech® Chrome Core® 18-FM Alloy | 0.42 | 0.42 | 0.36 | 0.36 | 0.34 | 0.34 | 0.33 | 0.30 | 0.28 | 0.28 | 0.24 | 0.22 |
| CarTech® Free-Cut Invar "36"® Alloy | 2.38 | 2.13 | 2.05 | 1.89 | 1.68 | 1.84 | 1.68 | 1.38 | 1.14 | 1.05 | 1.13 | 0.90 |
| CarTech® High Expansion 20Ni-6Mn | 1.45 | 1.32 | 1.25 | 1.15 | 1.03 | 1.12 | 1.03 | 0.87 | 0.72 | 0.67 | 0.71 | 0.56 |
| CarTech® High Expansion 72 | 2.13 | 2.00 | 1.97 | 1.93 | 1.88 | 1.92 | 1.80 | 1.65 | 1.56 | 1.55 | 1.57 | 1.40 |
| CarTech® Hiperc® 27 Alloy | 1.93 | 2.02 | 1.88 | 1.48 | 1.53 | 1.82 | 1.83 | 1.86 | 1.62 | 1.30 | 1.26 | 0.74 |
| CarTech® Hiperc® 50 Alloy | 3.50 | 3.67 | 3.45 | 2.71 | 2.77 | 3.30 | 3.31 | 3.36 | 2.95 | 2.34 | 2.27 | 1.31 |
| CarTech® Hiperc® 50 HS Alloy | 3.50 | 3.67 | 3.45 | 2.71 | 2.77 | 3.30 | 3.31 | 3.36 | 2.95 | 2.34 | 2.27 | 1.31 |
| CarTech® Hiperc® 50A Alloy | 3.50 | 3.67 | 3.45 | 2.71 | 2.77 | 3.30 | 3.31 | 3.36 | 2.95 | 2.34 | 2.27 | 1.31 |
| CarTech® Hy Mu 77 Alloy | 4.98 | 4.46 | 4.34 | 3.99 | 3.57 | 3.90 | 3.56 | 2.92 | 2.42 | 2.23 | 2.42 | 1.92 |
| CarTech® Hy-Ra "49"® Alloy | 3.11 | 2.79 | 2.70 | 2.48 | 2.20 | 2.40 | 2.20 | 1.81 | 1.50 | 1.37 | 1.49 | 1.17 |
| CarTech® Kovar® Alloy | 1.92 | 1.72 | 1.66 | 1.53 | 1.35 | 1.48 | 1.35 | 1.11 | 0.92 | 0.85 | 0.91 | 0.73 |

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Raw Material and Energy Surcharges 2015 - USD/lb.

(applicable at time of shipment)



| Alloy Description | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| CarTech® MagneDur® 20-4 Alloy | 1.67 | 1.55 | 1.45 | 1.36 | 1.22 | 1.29 | 1.18 | 0.96 | 0.82 | 0.76 | 0.76 | 0.62 |
| CarTech® No. 1 JR® Type 1 Alloy | 0.26 | 0.27 | 0.21 | 0.21 | 0.20 | 0.20 | 0.20 | 0.20 | 0.19 | 0.18 | 0.16 | 0.15 |
| CarTech® No. 1 JR® Type 2 Alloy | 0.26 | 0.27 | 0.21 | 0.21 | 0.20 | 0.20 | 0.20 | 0.20 | 0.19 | 0.18 | 0.16 | 0.15 |
| CarTech® Rotelloy 3 Alloy | 3.50 | 3.67 | 3.45 | 2.71 | 2.77 | 3.30 | 3.31 | 3.36 | 2.95 | 2.34 | 2.27 | 1.31 |
| CarTech® Rotelloy 8 Alloy | 3.50 | 3.67 | 3.45 | 2.71 | 2.77 | 3.30 | 3.31 | 3.36 | 2.95 | 2.34 | 2.27 | 1.31 |
| CarTech® Thermocouple Iron Type JP | 0.17 | 0.18 | 0.13 | 0.13 | 0.12 | 0.12 | 0.12 | 0.12 | 0.10 | 0.10 | 0.08 | 0.07 |
| CarTech® Mumetal | 5.26 | 4.73 | 4.58 | 4.22 | 3.79 | 4.11 | 3.74 | 3.05 | 2.56 | 2.35 | 2.51 | 1.99 |

MEDICAL ALLOYS

| Alloy Description | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| CarTech® BioDur® 108 Alloy | 0.52 | 0.52 | 0.46 | 0.46 | 0.46 | 0.44 | 0.43 | 0.41 | 0.40 | 0.38 | 0.35 | 0.33 |
| CarTech® BioDur® 22Cr-13Ni-5Mn Stainless | 1.27 | 1.18 | 1.11 | 1.05 | 0.97 | 1.00 | 0.94 | 0.80 | 0.72 | 0.67 | 0.66 | 0.57 |
| CarTech® BioDur® 316LS Stainless | 1.35 | 1.26 | 1.17 | 1.10 | 1.01 | 1.05 | 0.98 | 0.82 | 0.72 | 0.68 | 0.67 | 0.57 |
| CarTech® BioDur® 470/Custom 470 | 0.99 | 0.91 | 0.85 | 0.80 | 0.73 | 0.77 | 0.72 | 0.61 | 0.53 | 0.49 | 0.49 | 0.41 |
| CarTech® BioDur® Carpenter CCM® Alloy | 6.38 | 6.60 | 6.31 | 5.33 | 5.44 | 6.12 | 6.09 | 6.10 | 5.58 | 4.77 | 4.70 | 3.47 |
| CarTech® BioDur® TrimRite® Stainless | 0.35 | 0.35 | 0.29 | 0.29 | 0.28 | 0.28 | 0.27 | 0.26 | 0.24 | 0.23 | 0.21 | 0.18 |
| CarTech® Micro-Melt® BioDur® Carpenter CCM® Alloy | 6.38 | 6.60 | 6.31 | 5.33 | 5.44 | 6.12 | 6.09 | 6.10 | 5.58 | 4.77 | 4.70 | 3.47 |
| CarTech® Micro-Melt® BioDur® CCM Plus® | 6.16 | 6.36 | 6.09 | 5.16 | 5.27 | 5.91 | 5.88 | 5.89 | 5.39 | 4.62 | 4.56 | 3.39 |
| CarTech® Micro-Melt® BioDur® CCM LS Alloy | 6.38 | 6.60 | 6.31 | 5.33 | 5.44 | 6.12 | 6.09 | 6.10 | 5.58 | 4.77 | 4.70 | 3.47 |

CORROSION-RESISTANT ALLOYS

| Alloy Description | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------------------------------------|-------|-------|-------|------|------|-------|-------|------|------|------|------|------|
| CarTech® Alloy C-276 | 5.55 | 5.20 | 4.95 | 4.65 | 4.21 | 4.41 | 4.03 | 3.37 | 3.01 | 2.81 | 2.92 | 2.52 |
| CarTech® MP35N* Alloy | 5.98 | 5.87 | 5.61 | 4.95 | 4.77 | 5.25 | 5.04 | 4.67 | 4.18 | 3.67 | 3.73 | 2.86 |
| CarTech® MP35N* Alloy (Tubing) | 11.96 | 11.74 | 11.22 | 9.90 | 9.54 | 10.50 | 10.08 | 9.34 | 8.36 | 7.34 | 7.46 | 5.72 |
| CarTech® Ni-Cu 400 | 4.93 | 4.40 | 4.28 | 4.02 | 3.66 | 3.99 | 3.63 | 3.02 | 2.56 | 2.40 | 2.57 | 2.07 |
| CarTech® Ni-Cu 405 | 4.93 | 4.40 | 4.28 | 4.02 | 3.66 | 3.99 | 3.63 | 3.02 | 2.56 | 2.40 | 2.57 | 2.07 |
| CarTech® Custom Age 625 PLUS® Alloy | 5.48 | 5.08 | 4.91 | 4.62 | 4.23 | 4.46 | 4.13 | 3.52 | 3.14 | 2.95 | 3.11 | 2.71 |
| CarTech® 925 | 3.69 | 3.41 | 3.30 | 3.11 | 2.86 | 3.04 | 2.83 | 2.44 | 2.18 | 2.05 | 2.15 | 1.88 |

*MP35N is a trademark of SPS Technologies, Inc.

BEARING AND GEAR STEELS

| Alloy Description | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| CarTech® 52100 | 0.30 | 0.30 | 0.28 | 0.26 | 0.24 | 0.22 | 0.21 | 0.19 | 0.18 | 0.16 | 0.15 | 0.13 |
| CarTech® 52100T2 | 0.29 | 0.29 | 0.28 | 0.26 | 0.24 | 0.22 | 0.20 | 0.19 | 0.17 | 0.16 | 0.15 | 0.13 |

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Raw Material and Energy Surcharges 2015 - USD/lb.

(applicable at time of shipment)



| Alloy Description | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| CarTech® Aero-A6 | 0.34 | 0.34 | 0.32 | 0.30 | 0.27 | 0.25 | 0.24 | 0.22 | 0.20 | 0.18 | 0.17 | 0.15 |
| CarTech® BG-42 | 1.18 | 1.14 | 1.08 | 1.02 | 0.95 | 0.89 | 0.84 | 0.79 | 0.75 | 0.69 | 0.64 | 0.60 |
| CarTech® CBS 223 | 0.64 | 0.63 | 0.59 | 0.55 | 0.52 | 0.48 | 0.45 | 0.42 | 0.39 | 0.37 | 0.34 | 0.31 |
| CarTech® CBS 600 | 0.48 | 0.47 | 0.45 | 0.42 | 0.39 | 0.36 | 0.33 | 0.31 | 0.29 | 0.27 | 0.24 | 0.23 |
| CarTech® CBS50Nil | 1.36 | 1.31 | 1.24 | 1.15 | 1.07 | 1.01 | 0.94 | 0.88 | 0.81 | 0.75 | 0.69 | 0.63 |
| CarTech® CSS-42L | 1.71 | 1.69 | 1.58 | 1.37 | 1.26 | 1.35 | 1.29 | 1.25 | 1.09 | 0.90 | 0.81 | 0.64 |
| CarTech® Dynaflex | 0.55 | 0.54 | 0.51 | 0.48 | 0.44 | 0.41 | 0.38 | 0.36 | 0.34 | 0.31 | 0.29 | 0.26 |
| CarTech® L-6490 | 0.97 | 0.94 | 0.89 | 0.82 | 0.76 | 0.71 | 0.66 | 0.61 | 0.57 | 0.52 | 0.48 | 0.44 |
| CarTech® Lesco® 53 | 0.95 | 0.92 | 0.86 | 0.80 | 0.74 | 0.70 | 0.65 | 0.60 | 0.56 | 0.51 | 0.47 | 0.43 |
| CarTech® Pyrowear® Alloy 53 | 0.95 | 0.92 | 0.86 | 0.80 | 0.74 | 0.70 | 0.65 | 0.60 | 0.56 | 0.51 | 0.47 | 0.43 |
| CarTech® M-50 | 1.08 | 1.05 | 0.99 | 0.92 | 0.86 | 0.79 | 0.74 | 0.69 | 0.64 | 0.59 | 0.54 | 0.50 |
| CarTech® QC61 | 1.77 | 1.77 | 1.64 | 1.36 | 1.25 | 1.45 | 1.38 | 1.34 | 1.13 | 0.89 | 0.78 | 0.55 |
| CarTech® QC64 | 1.68 | 1.67 | 1.55 | 1.30 | 1.19 | 1.36 | 1.30 | 1.26 | 1.06 | 0.84 | 0.74 | 0.53 |

ALLOY STEELS

| Alloy Description | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| CarTech® 16NCD13 | 0.53 | 0.52 | 0.49 | 0.45 | 0.42 | 0.41 | 0.38 | 0.35 | 0.32 | 0.29 | 0.27 | 0.24 |
| CarTech® 300M | 0.45 | 0.45 | 0.42 | 0.39 | 0.36 | 0.34 | 0.32 | 0.30 | 0.27 | 0.25 | 0.23 | 0.21 |
| CarTech® 3311 | 0.52 | 0.51 | 0.48 | 0.44 | 0.41 | 0.40 | 0.37 | 0.34 | 0.32 | 0.29 | 0.27 | 0.24 |
| CarTech® 35NCD16 | 0.56 | 0.54 | 0.51 | 0.48 | 0.44 | 0.43 | 0.40 | 0.37 | 0.34 | 0.32 | 0.29 | 0.26 |
| CarTech® 4130 , 4140, 4150 | 0.29 | 0.30 | 0.28 | 0.26 | 0.24 | 0.22 | 0.21 | 0.19 | 0.18 | 0.16 | 0.15 | 0.14 |
| CarTech® 4319, 4320, 4343 | 0.43 | 0.43 | 0.40 | 0.37 | 0.34 | 0.33 | 0.30 | 0.28 | 0.26 | 0.24 | 0.22 | 0.20 |
| CarTech® 4330+V, 4335+V | 0.46 | 0.46 | 0.43 | 0.40 | 0.37 | 0.35 | 0.33 | 0.30 | 0.28 | 0.26 | 0.23 | 0.21 |
| CarTech® 4340 VV | 0.46 | 0.44 | 0.42 | 0.39 | 0.36 | 0.35 | 0.32 | 0.30 | 0.28 | 0.25 | 0.23 | 0.21 |
| CarTech® 4340 | 0.43 | 0.42 | 0.40 | 0.37 | 0.34 | 0.33 | 0.30 | 0.28 | 0.26 | 0.24 | 0.22 | 0.20 |
| CarTech® 4340L | 0.47 | 0.46 | 0.44 | 0.41 | 0.37 | 0.36 | 0.33 | 0.31 | 0.29 | 0.26 | 0.24 | 0.22 |
| CarTech® 4340L+ | 0.52 | 0.50 | 0.48 | 0.44 | 0.41 | 0.40 | 0.36 | 0.34 | 0.31 | 0.29 | 0.26 | 0.24 |
| CarTech® 6150 | 0.29 | 0.30 | 0.28 | 0.26 | 0.24 | 0.23 | 0.21 | 0.20 | 0.18 | 0.17 | 0.15 | 0.14 |
| CarTech® 8620 | 0.33 | 0.33 | 0.31 | 0.29 | 0.27 | 0.25 | 0.23 | 0.21 | 0.20 | 0.18 | 0.16 | 0.15 |
| CarTech® 9310 V V | 0.54 | 0.53 | 0.50 | 0.47 | 0.43 | 0.42 | 0.39 | 0.36 | 0.33 | 0.31 | 0.28 | 0.25 |
| CarTech® 9310, 9315 | 0.51 | 0.50 | 0.47 | 0.44 | 0.41 | 0.40 | 0.37 | 0.34 | 0.31 | 0.29 | 0.26 | 0.24 |
| CarTech® AerMet® 100 Alloy | 1.80 | 1.77 | 1.67 | 1.41 | 1.36 | 1.55 | 1.49 | 1.41 | 1.22 | 1.03 | 1.03 | 0.72 |
| CarTech® AerMet® 310 Alloy | 1.90 | 1.88 | 1.77 | 1.48 | 1.45 | 1.66 | 1.60 | 1.51 | 1.31 | 1.09 | 1.09 | 0.74 |
| CarTech® AerMet® 340 Alloy | 2.03 | 1.99 | 1.88 | 1.58 | 1.54 | 1.74 | 1.69 | 1.47 | 1.38 | 1.15 | 1.16 | 0.78 |
| CarTech® AF1410 | 1.59 | 1.58 | 1.46 | 1.24 | 1.14 | 1.29 | 1.23 | 1.18 | 1.01 | 0.81 | 0.72 | 0.54 |
| CarTech® No. 158® Alloy | 0.56 | 0.55 | 0.51 | 0.48 | 0.45 | 0.44 | 0.41 | 0.38 | 0.35 | 0.32 | 0.30 | 0.27 |

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Raw Material and Energy Surcharges 2015 - USD/lb.

(applicable at time of shipment)



| Alloy Description | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| CarTech® D6AC | 0.44 | 0.44 | 0.41 | 0.38 | 0.36 | 0.33 | 0.31 | 0.29 | 0.26 | 0.24 | 0.22 | 0.20 |
| CarTech® GNB100 | 0.68 | 0.66 | 0.62 | 0.58 | 0.54 | 0.52 | 0.48 | 0.45 | 0.41 | 0.38 | 0.34 | 0.31 |
| CarTech® HP-9-4-20 | 1.15 | 1.12 | 1.05 | 0.93 | 0.86 | 0.91 | 0.85 | 0.79 | 0.71 | 0.61 | 0.55 | 0.47 |
| CarTech® HP-9-4-30 | 1.04 | 1.01 | 0.94 | 0.84 | 0.77 | 0.82 | 0.76 | 0.72 | 0.64 | 0.55 | 0.49 | 0.41 |
| CarTech® HTC | 0.31 | 0.32 | 0.30 | 0.28 | 0.26 | 0.24 | 0.22 | 0.21 | 0.19 | 0.18 | 0.16 | 0.15 |
| CarTech® HY180 | 1.44 | 1.41 | 1.31 | 1.15 | 1.06 | 1.15 | 1.08 | 1.03 | 0.90 | 0.76 | 0.68 | 0.56 |
| CarTech® HYTUF | 0.44 | 0.44 | 0.41 | 0.38 | 0.35 | 0.34 | 0.31 | 0.29 | 0.26 | 0.24 | 0.22 | 0.20 |
| CarTech® L-6305 | 0.36 | 0.37 | 0.34 | 0.32 | 0.30 | 0.27 | 0.25 | 0.24 | 0.22 | 0.20 | 0.18 | 0.17 |
| CarTech® NiMark® Alloy 250 | 1.97 | 1.90 | 1.76 | 1.57 | 1.44 | 1.59 | 1.47 | 1.28 | 1.10 | 0.95 | 0.99 | 0.72 |
| CarTech® NiMark+A273 Alloy 250-LR | 1.97 | 1.90 | 1.76 | 1.57 | 1.44 | 1.59 | 1.47 | 1.28 | 1.10 | 0.95 | 0.99 | 0.72 |
| CarTech® NiMark® Alloy 300 | 2.07 | 1.99 | 1.85 | 1.63 | 1.53 | 1.68 | 1.57 | 1.37 | 1.18 | 1.02 | 1.05 | 0.76 |
| CarTech® Nitralloy 135 | 0.30 | 0.31 | 0.29 | 0.27 | 0.25 | 0.23 | 0.21 | 0.20 | 0.18 | 0.17 | 0.16 | 0.14 |
| CarTech® Nitralloy N | 0.55 | 0.54 | 0.51 | 0.47 | 0.43 | 0.43 | 0.39 | 0.36 | 0.33 | 0.31 | 0.28 | 0.26 |
| CarTech® PremoMet® Alloy | 0.65 | 0.63 | 0.59 | 0.55 | 0.51 | 0.51 | 0.47 | 0.44 | 0.40 | 0.37 | 0.34 | 0.31 |
| CarTech® QM54 | 1.88 | 1.81 | 1.70 | 1.52 | 0.51 | 1.48 | 1.39 | 1.31 | 1.17 | 1.03 | 0.94 | 0.81 |
| CarTech® UT-18 | 0.43 | 0.43 | 0.41 | 0.38 | 0.35 | 0.33 | 0.31 | 0.29 | 0.27 | 0.24 | 0.22 | 0.21 |
| CarTech® UT-19 | 0.60 | 0.58 | 0.55 | 0.51 | 0.47 | 0.46 | 0.43 | 0.40 | 0.37 | 0.33 | 0.31 | 0.28 |

SPECIALTY ALLOYS

| Alloy Description | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| CarTech® AEREX | 15.00 | 14.54 | 13.96 | 12.95 | 12.37 | 12.99 | 12.53 | 12.13 | 11.32 | 10.47 | 9.98 | 8.68 |
| CarTech® JETHETE | 1.29 | 1.22 | 1.15 | 1.07 | 0.99 | 1.01 | 0.94 | 0.87 | 0.80 | 0.73 | 0.67 | 0.61 |
| CarTech® QS53 | 1.58 | 1.55 | 1.45 | 1.27 | 1.18 | 1.27 | 1.21 | 1.16 | 1.03 | 0.88 | 0.80 | 0.66 |
| CarTech® XM-27 | 0.70 | 0.69 | 0.65 | 0.63 | 0.60 | 0.58 | 0.56 | 0.54 | 0.53 | 0.50 | 0.48 | 0.45 |

SPECIAL PURPOSE ALLOYS

| Alloy Description | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--|------|------|------|------|------|------|------|------|------|------|------|------|
| CarTech® 180 Alloy | 3.45 | 3.07 | 2.98 | 2.98 | 2.88 | 3.11 | 2.81 | 2.44 | 2.14 | 2.12 | 2.18 | 1.83 |
| CarTech® CBX Cupron® Alloy | 4.26 | 3.80 | 3.70 | 3.56 | 3.33 | 3.62 | 3.28 | 2.78 | 2.40 | 2.31 | 2.43 | 1.98 |
| CarTech® Cupron® Alloy | 4.26 | 3.80 | 3.70 | 3.56 | 3.33 | 3.62 | 3.28 | 2.78 | 2.40 | 2.31 | 2.43 | 1.98 |
| CarTech® Evanohm® Alloy R | 4.80 | 4.29 | 4.19 | 3.85 | 3.42 | 3.74 | 3.42 | 2.82 | 2.36 | 2.17 | 2.35 | 1.88 |
| CarTech® Manganin 13 | 2.60 | 2.32 | 2.25 | 2.33 | 2.34 | 2.52 | 2.26 | 2.00 | 1.82 | 1.85 | 1.87 | 1.60 |
| CarTech® NIAL Alloy | 5.99 | 5.35 | 5.22 | 4.78 | 4.23 | 4.64 | 4.23 | 3.45 | 2.86 | 2.62 | 2.86 | 2.25 |
| CarTech® NIAL Alloy / Low Resistivity NIAL | 5.99 | 5.35 | 5.22 | 4.78 | 4.23 | 4.64 | 4.23 | 3.45 | 2.86 | 2.62 | 2.86 | 2.25 |
| CarTech® PCLW-SNX Alloy | 2.62 | 2.34 | 2.26 | 2.38 | 2.42 | 2.60 | 2.33 | 2.09 | 1.89 | 1.94 | 1.94 | 1.67 |
| CarTech® Tophel® Alloy | 5.75 | 5.14 | 5.01 | 4.60 | 4.09 | 4.46 | 4.09 | 3.35 | 2.79 | 2.55 | 2.78 | 2.20 |
| CarTech® Tophet® Alloy A | 5.21 | 4.66 | 4.54 | 4.18 | 3.71 | 4.06 | 3.71 | 3.06 | 2.56 | 2.35 | 2.55 | 2.03 |

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Raw Material and Energy Surcharges 2015 - USD/lb.

(applicable at time of shipment)



| Alloy Description | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| CarTech® Tophet® Alloy C | 3.95 | 3.54 | 3.44 | 3.17 | 2.82 | 3.08 | 2.82 | 2.33 | 1.95 | 1.79 | 1.95 | 1.55 |

VALVE STEELS

| Alloy Description | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| CarTech® 31V (Pyromet® 31V) | 4.27 | 3.90 | 3.80 | 3.54 | 3.19 | 3.43 | 3.18 | 2.69 | 2.34 | 2.16 | 2.31 | 1.93 |
| CarTech® 751 (Pyromet® 751) | 4.32 | 3.84 | 3.74 | 3.42 | 3.02 | 3.32 | 3.03 | 2.45 | 2.00 | 1.80 | 1.98 | 1.51 |
| CarTech® 80A (Pyromet® 80A) Valve | 4.77 | 4.26 | 4.16 | 3.82 | 3.39 | 3.71 | 3.40 | 2.79 | 2.32 | 2.11 | 2.30 | 1.81 |

HIGH SPEED STEELS (not applicable to powder products)

| Alloy Description | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| CarTech® M1 - Tatmo | 1.65 | 1.57 | 1.48 | 1.38 | 1.29 | 1.21 | 1.13 | 1.05 | 0.98 | 0.91 | 0.83 | 0.77 |
| CarTech® M2 - Double 6 | 2.53 | 2.41 | 2.28 | 2.14 | 2.00 | 1.93 | 1.82 | 1.71 | 1.61 | 1.53 | 1.43 | 1.33 |
| CarTech® M2 - Double 6-XL | 2.53 | 2.41 | 2.28 | 2.14 | 2.00 | 1.93 | 1.82 | 1.71 | 1.61 | 1.53 | 1.43 | 1.33 |
| CarTech® M2 - HS29 | 2.44 | 2.33 | 2.20 | 2.06 | 1.93 | 1.86 | 1.76 | 1.65 | 1.56 | 1.48 | 1.38 | 1.29 |
| CarTech® M2 - HS29-XL | 2.44 | 2.33 | 2.20 | 2.06 | 1.93 | 1.86 | 1.76 | 1.65 | 1.56 | 1.48 | 1.38 | 1.29 |
| CarTech® M3I - Corsair | 2.45 | 2.34 | 2.21 | 2.07 | 1.94 | 1.87 | 1.76 | 1.65 | 1.56 | 1.48 | 1.38 | 1.28 |
| CarTech® M3II - Crusader | 2.52 | 2.41 | 2.27 | 2.13 | 2.00 | 1.92 | 1.81 | 1.70 | 1.60 | 1.52 | 1.42 | 1.32 |
| CarTech® M4 - Stark | 2.40 | 2.30 | 2.17 | 2.04 | 1.91 | 1.83 | 1.72 | 1.62 | 1.53 | 1.45 | 1.35 | 1.25 |
| CarTech® M7 - Tatmo-VN | 1.81 | 1.72 | 1.63 | 1.52 | 1.41 | 1.32 | 1.24 | 1.15 | 1.07 | 1.00 | 0.92 | 0.85 |
| CarTech® M11 - Vancomo | 1.55 | 1.48 | 1.40 | 1.29 | 1.20 | 1.14 | 1.06 | 1.00 | 0.92 | 0.84 | 0.77 | 0.69 |
| CarTech® M33 - Kelvan | 2.05 | 1.98 | 1.85 | 1.67 | 1.55 | 1.54 | 1.45 | 1.37 | 1.23 | 1.09 | 0.99 | 0.85 |
| CarTech® M35 - HS 105 | 2.56 | 2.46 | 2.31 | 2.14 | 2.00 | 1.97 | 1.87 | 1.76 | 1.64 | 1.52 | 1.41 | 1.28 |
| CarTech® M42 - Dynamax | 1.99 | 1.92 | 1.80 | 1.62 | 1.50 | 1.49 | 1.40 | 1.32 | 1.19 | 1.05 | 0.95 | 0.82 |
| CarTech® M50 - CM-50 | 0.87 | 0.84 | 0.79 | 0.74 | 0.68 | 0.63 | 0.59 | 0.55 | 0.51 | 0.47 | 0.43 | 0.39 |
| CarTech® M51 | 3.40 | 3.28 | 3.08 | 2.82 | 2.64 | 2.66 | 2.53 | 2.40 | 2.22 | 2.05 | 1.90 | 1.70 |
| CarTech® M52 - CM52 | 1.90 | 1.82 | 1.72 | 1.61 | 1.50 | 1.44 | 1.36 | 1.27 | 1.20 | 1.13 | 1.05 | 0.98 |
| CarTech® T15 - Dynavan | 3.72 | 3.58 | 3.37 | 3.14 | 2.94 | 2.92 | 2.78 | 2.63 | 2.47 | 2.34 | 2.18 | 2.01 |
| CarTech® Abscido | 1.49 | 1.44 | 1.36 | 1.27 | 1.19 | 1.13 | 1.07 | 1.00 | 0.95 | 0.89 | 0.83 | 0.77 |
| CarTech® Supersaw | 1.35 | 1.32 | 1.23 | 1.09 | 1.01 | 1.03 | 0.97 | 0.93 | 0.82 | 0.71 | 0.64 | 0.53 |

TOOL STEELS (not applicable to powder products)

| Alloy Description | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| CarTech® A2 - Select-B | 0.44 | 0.43 | 0.41 | 0.38 | 0.36 | 0.33 | 0.31 | 0.29 | 0.27 | 0.25 | 0.23 | 0.21 |
| CarTech® A6 - Lesco A6 | 0.39 | 0.39 | 0.36 | 0.34 | 0.31 | 0.59 | 0.27 | 0.25 | 0.23 | 0.21 | 0.19 | 0.17 |
| CarTech® A7 - BR-3 | 0.94 | 0.94 | 0.89 | 0.83 | 0.77 | 0.71 | 0.67 | 0.63 | 0.60 | 0.55 | 0.50 | 0.46 |
| CarTech® A7 - Brickmold | 0.98 | 0.98 | 0.92 | 0.86 | 0.80 | 0.74 | 0.70 | 0.66 | 0.63 | 0.58 | 0.53 | 0.49 |

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Raw Material and Energy Surcharges 2015 - USD/lb.

(applicable at time of shipment)



| Alloy Description | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| CarTech® A8 - MGR | 0.76 | 0.73 | 0.69 | 0.65 | 0.61 | 0.58 | 0.54 | 0.51 | 0.48 | 0.45 | 0.42 | 0.39 |
| CarTech® A8+ - MGR-MQ | 0.75 | 0.73 | 0.69 | 0.65 | 0.61 | 0.58 | 0.54 | 0.51 | 0.48 | 0.45 | 0.42 | 0.39 |
| CarTech® A9 - Mazeman | 0.69 | 0.68 | 0.64 | 0.59 | 0.55 | 0.52 | 0.49 | 0.46 | 0.42 | 0.39 | 0.36 | 0.33 |
| CarTech® A10 - Graph-Air | 0.55 | 0.54 | 0.50 | 0.47 | 0.43 | 0.41 | 0.38 | 0.35 | 0.32 | 0.29 | 0.27 | 0.24 |
| CarTech® A18 - Whitebear | 0.75 | 0.74 | 0.70 | 0.65 | 0.60 | 0.56 | 0.53 | 0.50 | 0.47 | 0.43 | 0.40 | 0.37 |
| CarTech® D2 - Olympic | 0.55 | 0.55 | 0.52 | 0.49 | 0.45 | 0.43 | 0.40 | 0.38 | 0.36 | 0.34 | 0.31 | 0.29 |
| CarTech® D3 - GSN | 0.38 | 0.39 | 0.36 | 0.34 | 0.32 | 0.31 | 0.29 | 0.28 | 0.27 | 0.25 | 0.23 | 0.22 |
| CarTech® D4 - GSN+Mo | 0.50 | 0.50 | 0.47 | 0.45 | 0.42 | 0.39 | 0.37 | 0.36 | 0.34 | 0.31 | 0.29 | 0.27 |
| CarTech® D5 - Riptide | 0.51 | 0.52 | 0.48 | 0.43 | 0.40 | 0.41 | 0.39 | 0.38 | 0.34 | 0.30 | 0.28 | 0.24 |
| CarTech® D7 - BR-4 | 0.94 | 0.94 | 0.89 | 0.83 | 0.77 | 0.72 | 0.69 | 0.65 | 0.61 | 0.57 | 0.53 | 0.48 |
| CarTech® H10 - Dart | 0.56 | 0.55 | 0.52 | 0.48 | 0.45 | 0.41 | 0.38 | 0.36 | 0.33 | 0.30 | 0.28 | 0.25 |
| CarTech® H11 - Dycast | 0.49 | 0.49 | 0.46 | 0.43 | 0.40 | 0.37 | 0.34 | 0.32 | 0.30 | 0.28 | 0.26 | 0.23 |
| CarTech® H11+ - Dycast-VAR | 0.49 | 0.49 | 0.46 | 0.43 | 0.40 | 0.37 | 0.34 | 0.32 | 0.30 | 0.28 | 0.26 | 0.23 |
| CarTech® H12 - L.P.D.® | 0.80 | 0.78 | 0.73 | 0.69 | 0.64 | 0.61 | 0.57 | 0.54 | 0.51 | 0.48 | 0.44 | 0.41 |
| CarTech® H13 - VDC® | 0.57 | 0.56 | 0.53 | 0.49 | 0.46 | 0.43 | 0.40 | 0.37 | 0.35 | 0.32 | 0.30 | 0.27 |
| CarTech® H13+ - VDC-MQ | 0.57 | 0.56 | 0.53 | 0.49 | 0.46 | 0.43 | 0.40 | 0.37 | 0.35 | 0.32 | 0.30 | 0.27 |
| CarTech® H13++ - VDC-RF | 0.55 | 0.55 | 0.52 | 0.48 | 0.45 | 0.42 | 0.39 | 0.37 | 0.34 | 0.32 | 0.29 | 0.27 |
| CarTech® H13-FM - Viscount | 0.57 | 0.56 | 0.53 | 0.49 | 0.46 | 0.43 | 0.40 | 0.37 | 0.35 | 0.32 | 0.30 | 0.27 |
| CarTech® H14 - Lumdie | 1.25 | 1.20 | 1.13 | 1.07 | 1.01 | 0.98 | 0.93 | 0.88 | 0.83 | 0.80 | 0.75 | 0.71 |
| CarTech® H19 - Lesco19 | 1.65 | 1.61 | 1.51 | 1.39 | 1.30 | 1.30 | 1.23 | 1.17 | 1.09 | 1.01 | 0.93 | 0.84 |
| CarTech® H21 - CLW | 2.38 | 2.27 | 2.15 | 2.02 | 1.90 | 1.87 | 1.77 | 1.67 | 1.59 | 1.53 | 1.44 | 1.35 |
| CarTech® H26 - H26 Mod | 4.52 | 4.29 | 4.05 | 3.82 | 3.60 | 3.55 | 3.37 | 3.18 | 3.02 | 2.92 | 2.75 | 2.58 |
| CarTech® H43 - Lesco 43 | 1.45 | 1.39 | 1.31 | 1.22 | 1.13 | 1.04 | 0.97 | 0.90 | 0.84 | 0.77 | 0.70 | 0.64 |
| CarTech® L6 - Montana | 1.32 | 1.27 | 1.20 | 1.12 | 1.05 | 1.03 | 0.97 | 0.91 | 0.86 | 0.82 | 0.77 | 0.72 |
| CarTech® O1 - Badger | 0.37 | 0.37 | 0.35 | 0.33 | 0.30 | 0.29 | 0.27 | 0.25 | 0.23 | 0.21 | 0.20 | 0.18 |
| CarTech® O6 - Graph-Mo | 0.29 | 0.29 | 0.28 | 0.26 | 0.24 | 0.22 | 0.20 | 0.19 | 0.17 | 0.15 | 0.14 | 0.13 |
| CarTech® O7 - Lesco O7 | 0.60 | 0.59 | 0.55 | 0.52 | 0.49 | 0.47 | 0.44 | 0.41 | 0.38 | 0.37 | 0.34 | 0.32 |
| CarTech® S1 - XL®-Chisel | 0.76 | 0.74 | 0.69 | 0.65 | 0.61 | 0.59 | 0.55 | 0.52 | 0.49 | 0.47 | 0.43 | 0.40 |
| CarTech® S2 - Trident | 0.33 | 0.33 | 0.31 | 0.29 | 0.27 | 0.25 | 0.23 | 0.21 | 0.19 | 0.18 | 0.16 | 0.14 |
| CarTech® S4 - Damascus | 0.25 | 0.26 | 0.24 | 0.22 | 0.21 | 0.19 | 0.17 | 0.16 | 0.15 | 0.13 | 0.12 | 0.11 |
| CarTech® S5 - Lanark | 0.43 | 0.42 | 0.40 | 0.37 | 0.34 | 0.31 | 0.29 | 0.27 | 0.25 | 0.22 | 0.20 | 0.19 |
| CarTech® S7 - Bearcat | 0.45 | 0.44 | 0.41 | 0.38 | 0.36 | 0.33 | 0.31 | 0.29 | 0.26 | 0.24 | 0.22 | 0.20 |
| CarTech® S7+ - S7-MQ | 0.44 | 0.44 | 0.41 | 0.38 | 0.36 | 0.33 | 0.31 | 0.29 | 0.26 | 0.24 | 0.22 | 0.20 |
| CarTech® CAT4039 | 0.56 | 0.55 | 0.52 | 0.48 | 0.44 | 0.41 | 0.38 | 0.35 | 0.33 | 0.30 | 0.27 | 0.25 |
| CarTech® Chipper | 0.52 | 0.52 | 0.49 | 0.46 | 0.42 | 0.40 | 0.37 | 0.35 | 0.33 | 0.31 | 0.28 | 0.26 |
| CarTech® HC-H13 | 0.61 | 0.60 | 0.56 | 0.53 | 0.49 | 0.45 | 0.43 | 0.40 | 0.37 | 0.34 | 0.32 | 0.29 |

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Raw Material and Energy Surcharges 2015 - USD/lb.

(applicable at time of shipment)



| Alloy Description | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| CarTech® Lescowear | 1.03 | 1.00 | 0.95 | 0.89 | 0.83 | 0.78 | 0.74 | 0.7 | 0.66 | 0.62 | 0.57 | 0.53 |
| CarTech® LSC2367 | 0.71 | 0.69 | 0.65 | 0.6 | 0.56 | 0.52 | 0.48 | 0.45 | 0.42 | 0.39 | 0.36 | 0.33 |
| CarTech® Mandrel | 0.48 | 0.47 | 0.46 | 0.41 | 0.38 | 0.37 | 0.34 | 0.31 | 0.29 | 0.26 | 0.24 | 0.22 |
| CarTech® Staminol® | 0.50 | 0.49 | 0.46 | 0.43 | 0.40 | 0.38 | 0.35 | 0.33 | 0.30 | 0.27 | 0.25 | 0.23 |
| CarTech® Typlex | 0.65 | 0.63 | 0.59 | 0.55 | 0.51 | 0.49 | 0.46 | 0.42 | 0.39 | 0.36 | 0.32 | 0.30 |
| CarTech® 420-FM - Saxman-FM | 0.42 | 0.42 | 0.40 | 0.38 | 0.35 | 0.33 | 0.32 | 0.31 | 0.29 | 0.28 | 0.26 | 0.24 |
| CarTech® 420SS - Saxman6R | 0.42 | 0.42 | 0.39 | 0.38 | 0.35 | 0.33 | 0.32 | 0.31 | 0.29 | 0.28 | 0.26 | 0.24 |

Micro-Melt® High Speed Steels (powder products)

| Alloy Description | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| CarTech® Micro-Melt® 23 | 2.66 | 2.56 | 2.39 | 2.27 | 2.13 | 2.05 | 1.95 | 1.83 | 1.73 | 1.65 | 1.53 | 1.43 |
| CarTech® Micro-Melt® 30 | 2.76 | 2.68 | 2.50 | 2.33 | 2.18 | 2.18 | 2.08 | 1.97 | 1.82 | 1.66 | 1.54 | 1.37 |
| CarTech® Micro-Melt® 60 | 3.41 | 3.33 | 3.11 | 2.88 | 2.70 | 2.69 | 2.56 | 2.43 | 2.25 | 2.05 | 1.88 | 1.67 |
| CarTech® Micro-Melt® HS30 | 2.70 | 2.62 | 2.44 | 2.27 | 2.12 | 2.13 | 2.03 | 1.92 | 1.78 | 1.63 | 1.50 | 1.34 |
| CarTech® Micro-Melt® M4 | 2.56 | 2.46 | 2.31 | 2.19 | 2.06 | 1.97 | 1.87 | 1.76 | 1.66 | 1.58 | 1.46 | 1.36 |
| CarTech® Micro-Melt® M4T2 Plus | 2.60 | 2.51 | 2.35 | 2.19 | 2.06 | 2.02 | 1.92 | 1.82 | 1.70 | 1.57 | 1.44 | 1.31 |
| CarTech® Micro-Melt® M11 | 1.79 | 1.71 | 1.59 | 1.49 | 1.39 | 1.33 | 1.25 | 1.17 | 1.09 | 0.99 | 0.92 | 0.83 |
| CarTech® Micro-Melt® M48LS | 3.55 | 3.43 | 3.22 | 3.00 | 2.82 | 2.84 | 2.70 | 2.57 | 2.38 | 2.22 | 2.06 | 1.85 |
| CarTech® Micro-Melt® M48HS | 3.55 | 3.43 | 3.22 | 3.00 | 2.82 | 2.84 | 2.70 | 2.57 | 2.38 | 2.22 | 2.06 | 1.85 |
| CarTech® Micro-Melt® M62 | 3.07 | 2.92 | 2.74 | 2.59 | 2.43 | 2.33 | 2.19 | 2.06 | 1.93 | 1.83 | 1.70 | 1.57 |
| CarTech® Micro-Melt® Maxamet® | 4.01 | 3.89 | 3.66 | 3.41 | 3.21 | 3.23 | 3.10 | 2.96 | 2.77 | 2.59 | 2.40 | 2.18 |
| CarTech® Micro-Melt® T5 | 4.48 | 4.31 | 4.06 | 3.80 | 3.60 | 3.65 | 3.49 | 3.34 | 3.13 | 2.97 | 2.78 | 2.54 |
| CarTech® Micro-Melt® T15 | 3.66 | 3.55 | 3.33 | 3.15 | 2.96 | 2.94 | 2.80 | 2.67 | 2.51 | 2.38 | 2.22 | 2.04 |
| CarTech® Micro-Melt® T15 Plus | 3.55 | 3.45 | 3.23 | 3.02 | 2.84 | 2.84 | 2.73 | 2.59 | 2.43 | 2.26 | 2.11 | 1.90 |

Micro-Melt® Cold Work Tool Steels (powder products)

| Alloy Description | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| CarTech® Micro-Melt® CD#1 | 0.85 | 0.84 | 0.78 | 0.74 | 0.69 | 0.66 | 0.61 | 0.57 | 0.53 | 0.50 | 0.46 | 0.43 |
| CarTech® Micro-Melt® PD#1 | 1.15 | 1.13 | 1.05 | 1.00 | 0.93 | 0.89 | 0.83 | 0.79 | 0.74 | 0.70 | 0.64 | 0.60 |
| CarTech® Micro-Melt® PD#5 | 1.42 | 1.39 | 1.30 | 1.23 | 1.16 | 1.09 | 1.04 | 0.98 | 0.93 | 0.87 | 0.81 | 0.75 |
| CarTech® Micro-Melt® A11LVC | 1.67 | 1.66 | 1.55 | 1.47 | 1.37 | 1.27 | 1.19 | 1.13 | 1.07 | 0.98 | 0.90 | 0.83 |
| CarTech® Micro-Melt® A11 | 1.71 | 1.70 | 1.59 | 1.50 | 1.39 | 1.29 | 1.21 | 1.15 | 1.09 | 1.01 | 0.92 | 0.84 |
| CarTech® Micro-Melt® Thermowear | 0.84 | 0.82 | 0.76 | 0.72 | 0.67 | 0.62 | 0.58 | 0.53 | 0.50 | 0.46 | 0.43 | 0.39 |
| CarTech® Micro-Melt® MCV12 | 1.94 | 1.94 | 1.81 | 1.70 | 1.58 | 1.46 | 1.39 | 1.31 | 1.25 | 1.15 | 1.05 | 0.96 |
| CarTech® Micro-Melt® 420CW | 1.78 | 1.77 | 1.65 | 1.56 | 1.45 | 1.35 | 1.29 | 1.22 | 1.16 | 1.07 | 0.98 | 0.90 |

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Raw Material and Energy Surcharges 2015 - USD/lb.
 (applicable at time of shipment)



| Alloy Description | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| Conversion Services (Natural Gas Surcharges) | | | | | | | | | | | | |
| Process 1 - Non-Ti Air Cool | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| Process 2 - Non Ti Fce Cool | 0.05 | 0.05 | 0.04 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 |
| Process 3 - General Ti | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| Process 4 Special Processing | 0.05 | 0.05 | 0.04 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 |
| Process 5 - Machining Only | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Process 6 - Remelt Only | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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