



Surcharge List - May 2021 Data

Effective May 1, 2021 through May 31, 2021

Published April 13, 2021

(\$/CWT)

Scrap Surcharge:
\$22.584/CWT

Energy Surcharge:
Bars*: \$0/CWT Tubes*: \$0/CWT
*Not included in Total below

| Grade | Scrap | Alloy | Cr | Ni | Mo | V | Mn | Total |
|-------|--------|-------|-------|-------|-------|-------|-------|--------|
| 1010 | 22.584 | 0.211 | 0.000 | 0.000 | 0.000 | 0.000 | 0.211 | 22.795 |
| 1015 | 22.584 | 0.211 | 0.000 | 0.000 | 0.000 | 0.000 | 0.211 | 22.795 |
| 1018 | 22.584 | 0.351 | 0.000 | 0.000 | 0.000 | 0.000 | 0.351 | 22.935 |
| 1020 | 22.584 | 0.211 | 0.000 | 0.000 | 0.000 | 0.000 | 0.211 | 22.795 |
| 1022 | 22.584 | 0.398 | 0.000 | 0.000 | 0.000 | 0.000 | 0.398 | 22.982 |
| 1025 | 22.584 | 0.211 | 0.000 | 0.000 | 0.000 | 0.000 | 0.211 | 22.795 |
| 1026 | 22.584 | 0.351 | 0.000 | 0.000 | 0.000 | 0.000 | 0.351 | 22.935 |
| 1028 | 22.584 | 0.436 | 0.000 | 0.000 | 0.000 | 0.000 | 0.436 | 23.020 |
| 1029 | 22.584 | 0.351 | 0.000 | 0.000 | 0.000 | 0.000 | 0.351 | 22.935 |
| 1030 | 22.584 | 0.351 | 0.000 | 0.000 | 0.000 | 0.000 | 0.351 | 22.935 |
| 1035 | 22.584 | 0.351 | 0.000 | 0.000 | 0.000 | 0.000 | 0.351 | 22.935 |
| 1038 | 22.584 | 0.351 | 0.000 | 0.000 | 0.000 | 0.000 | 0.351 | 22.935 |
| 1040 | 22.584 | 0.351 | 0.000 | 0.000 | 0.000 | 0.000 | 0.351 | 22.935 |
| 1042 | 22.584 | 0.351 | 0.000 | 0.000 | 0.000 | 0.000 | 0.351 | 22.935 |
| 1043 | 22.584 | 0.398 | 0.000 | 0.000 | 0.000 | 0.000 | 0.398 | 22.982 |
| 1045 | 22.584 | 0.351 | 0.000 | 0.000 | 0.000 | 0.000 | 0.351 | 22.935 |
| 1050 | 22.584 | 0.351 | 0.000 | 0.000 | 0.000 | 0.000 | 0.351 | 22.935 |
| 1053 | 22.584 | 0.398 | 0.000 | 0.000 | 0.000 | 0.000 | 0.398 | 22.982 |
| 1055 | 22.584 | 0.351 | 0.000 | 0.000 | 0.000 | 0.000 | 0.351 | 22.935 |
| 1060 | 22.584 | 0.351 | 0.000 | 0.000 | 0.000 | 0.000 | 0.351 | 22.935 |
| 1080 | 22.584 | 0.351 | 0.000 | 0.000 | 0.000 | 0.000 | 0.351 | 22.935 |
| 1090 | 22.584 | 0.351 | 0.000 | 0.000 | 0.000 | 0.000 | 0.351 | 22.935 |
| 1117 | 22.584 | 0.539 | 0.000 | 0.000 | 0.000 | 0.000 | 0.539 | 23.123 |
| 1137 | 22.584 | 0.703 | 0.000 | 0.000 | 0.000 | 0.000 | 0.703 | 23.287 |
| 1141 | 22.584 | 0.703 | 0.000 | 0.000 | 0.000 | 0.000 | 0.703 | 23.287 |



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|-------|--------|--------|-------|--------|-------|-------|-------|--------|
| 1144 | 22.584 | 0.703 | 0.000 | 0.000 | 0.000 | 0.000 | 0.703 | 23.287 |
| 1340 | 22.584 | 0.820 | 0.000 | 0.000 | 0.000 | 0.000 | 0.820 | 23.404 |
| 1516 | 22.584 | 0.668 | 0.000 | 0.000 | 0.000 | 0.000 | 0.668 | 23.252 |
| 1522 | 22.584 | 0.586 | 0.000 | 0.000 | 0.000 | 0.000 | 0.586 | 23.170 |
| 1552 | 22.584 | 0.633 | 0.000 | 0.000 | 0.000 | 0.000 | 0.633 | 23.217 |
| 1566 | 22.584 | 0.469 | 0.000 | 0.000 | 0.000 | 0.000 | 0.469 | 23.053 |
| 3310 | 22.584 | 19.473 | 1.764 | 17.463 | 0.000 | 0.000 | 0.246 | 42.057 |
| 3311 | 22.584 | 19.274 | 1.624 | 17.463 | 0.000 | 0.000 | 0.187 | 41.858 |
| 4023 | 22.584 | 3.169 | 0.000 | 0.000 | 2.794 | 0.000 | 0.375 | 25.753 |
| 4027 | 22.584 | 3.169 | 0.000 | 0.000 | 2.794 | 0.000 | 0.375 | 25.753 |
| 4118 | 22.584 | 2.220 | 0.560 | 0.000 | 1.285 | 0.000 | 0.375 | 24.804 |
| 4120 | 22.584 | 2.896 | 0.560 | 0.000 | 1.844 | 0.000 | 0.492 | 25.480 |
| 4121 | 22.584 | 3.820 | 0.616 | 0.000 | 2.794 | 0.000 | 0.410 | 26.404 |
| 4130 | 22.584 | 3.534 | 1.064 | 0.000 | 2.235 | 0.000 | 0.234 | 26.118 |
| 4135 | 22.584 | 3.674 | 1.064 | 0.000 | 2.235 | 0.000 | 0.375 | 26.258 |
| 4140 | 22.584 | 3.709 | 1.064 | 0.000 | 2.235 | 0.000 | 0.410 | 26.293 |
| 4142 | 22.584 | 3.709 | 1.064 | 0.000 | 2.235 | 0.000 | 0.410 | 26.293 |
| 4145 | 22.584 | 3.709 | 1.064 | 0.000 | 2.235 | 0.000 | 0.410 | 26.293 |
| 4150 | 22.584 | 3.709 | 1.064 | 0.000 | 2.235 | 0.000 | 0.410 | 26.293 |
| 4319 | 22.584 | 12.491 | 0.560 | 8.856 | 2.794 | 0.000 | 0.281 | 35.075 |
| 4320 | 22.584 | 12.718 | 0.560 | 9.106 | 2.794 | 0.000 | 0.258 | 35.302 |
| 4340 | 22.584 | 13.136 | 0.896 | 9.106 | 2.794 | 0.000 | 0.340 | 35.720 |
| 4350 | 22.584 | 13.091 | 0.840 | 9.106 | 2.794 | 0.000 | 0.351 | 35.675 |
| 4619 | 22.584 | 12.494 | 0.336 | 9.106 | 2.794 | 0.000 | 0.258 | 35.078 |
| 4715 | 22.584 | 11.100 | 0.616 | 4.241 | 5.868 | 0.000 | 0.375 | 33.684 |



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| Grade | Scrap | Alloy | Cr | Ni | Mo | V | Mn | Total |
|-------|--------|--------|-------|--------|-------|-------|-------|--------|
| 4820 | 22.584 | 20.538 | 0.000 | 17.463 | 2.794 | 0.000 | 0.281 | 43.122 |
| 5046 | 22.584 | 0.718 | 0.308 | 0.000 | 0.000 | 0.000 | 0.410 | 23.302 |
| 5060 | 22.584 | 0.970 | 0.560 | 0.000 | 0.000 | 0.000 | 0.410 | 23.554 |
| 5120 | 22.584 | 1.271 | 0.896 | 0.000 | 0.000 | 0.000 | 0.375 | 23.855 |
| 5130 | 22.584 | 1.439 | 1.064 | 0.000 | 0.000 | 0.000 | 0.375 | 24.023 |
| 5135 | 22.584 | 1.364 | 1.036 | 0.000 | 0.000 | 0.000 | 0.328 | 23.948 |
| 5150 | 22.584 | 1.271 | 0.896 | 0.000 | 0.000 | 0.000 | 0.375 | 23.855 |
| 5160 | 22.584 | 1.306 | 0.896 | 0.000 | 0.000 | 0.000 | 0.410 | 23.890 |
| 5165 | 22.584 | 1.306 | 0.896 | 0.000 | 0.000 | 0.000 | 0.410 | 23.890 |
| 5219 | 22.584 | 1.337 | 0.728 | 0.000 | 0.000 | 0.000 | 0.609 | 23.921 |
| 6150 | 22.584 | 3.236 | 1.064 | 0.000 | 0.000 | 1.797 | 0.375 | 25.820 |
| 8019 | 22.584 | 2.192 | 0.644 | 0.000 | 1.174 | 0.000 | 0.375 | 24.776 |
| 8119 | 22.584 | 4.262 | 0.672 | 1.622 | 1.453 | 0.000 | 0.515 | 26.846 |
| 8219 | 22.584 | 4.432 | 0.672 | 1.622 | 1.565 | 0.000 | 0.574 | 27.016 |
| 8319 | 22.584 | 4.879 | 0.672 | 1.622 | 2.012 | 0.000 | 0.574 | 27.463 |
| 8617 | 22.584 | 5.914 | 0.560 | 2.744 | 2.235 | 0.000 | 0.375 | 28.498 |
| 8620 | 22.584 | 5.914 | 0.560 | 2.744 | 2.235 | 0.000 | 0.375 | 28.498 |
| 8625 | 22.584 | 5.914 | 0.560 | 2.744 | 2.235 | 0.000 | 0.375 | 28.498 |
| 8630 | 22.584 | 5.914 | 0.560 | 2.744 | 2.235 | 0.000 | 0.375 | 28.498 |
| 8640 | 22.584 | 5.949 | 0.560 | 2.744 | 2.235 | 0.000 | 0.410 | 28.533 |
| 8740 | 22.584 | 6.508 | 0.560 | 2.744 | 2.794 | 0.000 | 0.410 | 29.092 |
| 8822 | 22.584 | 7.626 | 0.560 | 2.744 | 3.912 | 0.000 | 0.410 | 30.210 |
| 9260 | 22.584 | 0.410 | 0.000 | 0.000 | 0.000 | 0.000 | 0.410 | 22.994 |
| 9310 | 22.584 | 19.103 | 1.344 | 16.216 | 1.285 | 0.000 | 0.258 | 41.687 |
| 9840 | 22.584 | 9.054 | 0.896 | 4.989 | 2.794 | 0.000 | 0.375 | 31.638 |



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| Grade | Scrap | Alloy | Cr | Ni | Mo | V | Mn | Total |
|------------|--------|-------|-------|-------|-------|-------|-------|--------|
| 52100 | 22.584 | 1.816 | 1.652 | 0.000 | 0.000 | 0.000 | 0.164 | 24.400 |
| 1010M+Ti | 22.584 | 0.351 | 0.000 | 0.000 | 0.000 | 0.000 | 0.351 | 22.935 |
| 1020V3 | 22.584 | 0.851 | 0.000 | 0.000 | 0.000 | 0.359 | 0.492 | 23.435 |
| 1022M | 22.584 | 0.457 | 0.000 | 0.000 | 0.000 | 0.000 | 0.457 | 23.041 |
| 1026HS | 22.584 | 1.130 | 0.000 | 0.000 | 0.000 | 0.779 | 0.351 | 23.714 |
| 1045H | 22.584 | 0.351 | 0.000 | 0.000 | 0.000 | 0.000 | 0.351 | 22.935 |
| 1050M1 | 22.584 | 0.504 | 0.000 | 0.000 | 0.000 | 0.000 | 0.504 | 23.088 |
| 1050M2 | 22.584 | 0.445 | 0.000 | 0.000 | 0.000 | 0.000 | 0.445 | 23.029 |
| 1050MV | 22.584 | 0.591 | 0.000 | 0.000 | 0.000 | 0.240 | 0.351 | 23.175 |
| 1060M | 22.584 | 0.328 | 0.000 | 0.000 | 0.000 | 0.000 | 0.328 | 22.912 |
| 1070M | 22.584 | 0.445 | 0.000 | 0.000 | 0.000 | 0.000 | 0.445 | 23.029 |
| 1080M | 22.584 | 0.349 | 0.000 | 0.000 | 0.000 | 0.000 | 0.349 | 22.933 |
| 10B36 | 22.584 | 0.586 | 0.000 | 0.000 | 0.000 | 0.000 | 0.586 | 23.170 |
| 10B41 | 22.584 | 0.445 | 0.000 | 0.000 | 0.000 | 0.000 | 0.445 | 23.029 |
| 10V40M | 22.584 | 1.259 | 0.000 | 0.000 | 0.000 | 0.779 | 0.480 | 23.843 |
| 10V45 | 22.584 | 1.669 | 0.000 | 0.000 | 0.000 | 1.318 | 0.351 | 24.253 |
| 1141V | 22.584 | 1.721 | 0.000 | 0.000 | 0.000 | 1.018 | 0.703 | 24.305 |
| 1516CbV1 | 22.584 | 1.519 | 0.000 | 0.000 | 0.000 | 0.899 | 0.621 | 24.103 |
| 1517VCbCa2 | 22.584 | 0.799 | 0.000 | 0.000 | 0.000 | 0.300 | 0.499 | 23.383 |
| 1518CbV | 22.584 | 1.308 | 0.140 | 0.000 | 0.000 | 0.599 | 0.569 | 23.892 |
| 1518VCa2 | 22.584 | 0.933 | 0.000 | 0.000 | 0.000 | 0.359 | 0.574 | 23.517 |
| 1519V | 22.584 | 0.686 | 0.000 | 0.000 | 0.000 | 0.180 | 0.506 | 23.270 |
| 1519VCbCa2 | 22.584 | 1.338 | 0.000 | 0.000 | 0.000 | 0.839 | 0.499 | 23.922 |
| 1520VNb | 22.584 | 1.249 | 0.000 | 0.000 | 0.000 | 0.659 | 0.590 | 23.833 |
| 1538M | 22.584 | 0.562 | 0.000 | 0.000 | 0.000 | 0.000 | 0.562 | 23.146 |



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|---------------|--------|--------|-------|-------|--------|--------|-------|--------|
| 1552M1 | 22.584 | 0.703 | 0.000 | 0.000 | 0.000 | 0.000 | 0.703 | 23.287 |
| 15B23MoV | 22.584 | 2.238 | 0.168 | 0.000 | 0.838 | 0.599 | 0.633 | 24.822 |
| 15B29 | 22.584 | 0.597 | 0.000 | 0.000 | 0.000 | 0.000 | 0.597 | 23.181 |
| 15B37H | 22.584 | 0.586 | 0.000 | 0.000 | 0.000 | 0.000 | 0.586 | 23.170 |
| 15B41H | 22.584 | 0.703 | 0.000 | 0.000 | 0.000 | 0.000 | 0.703 | 23.287 |
| 15CrMo5 | 22.584 | 4.527 | 1.288 | 0.000 | 2.794 | 0.000 | 0.445 | 27.111 |
| 15CrMoV6 | 22.584 | 15.039 | 1.540 | 0.000 | 10.059 | 2.995 | 0.445 | 37.623 |
| 15V10M | 22.584 | 2.451 | 0.000 | 0.000 | 0.838 | 0.899 | 0.715 | 25.035 |
| 15V20 | 22.584 | 2.682 | 0.000 | 0.000 | 0.000 | 2.097 | 0.586 | 25.266 |
| 17-22-AS | 22.584 | 10.241 | 1.400 | 0.000 | 5.588 | 2.995 | 0.258 | 32.825 |
| 17-22-AV | 22.584 | 17.523 | 1.400 | 0.000 | 5.588 | 10.183 | 0.351 | 40.107 |
| 17CrNiMo6 | 22.584 | 13.263 | 1.848 | 7.734 | 3.353 | 0.000 | 0.328 | 35.847 |
| 18CrNiMo7-6 | 22.584 | 13.263 | 1.848 | 7.734 | 3.353 | 0.000 | 0.328 | 35.847 |
| 2.25Cr1Mo | 22.584 | 13.907 | 2.520 | 0.000 | 11.176 | 0.000 | 0.211 | 36.491 |
| 20MnCr5 | 22.584 | 1.874 | 1.288 | 0.000 | 0.000 | 0.000 | 0.586 | 24.458 |
| 20MoCr4M | 22.584 | 5.925 | 0.532 | 0.000 | 5.029 | 0.000 | 0.363 | 28.509 |
| 23MnNiMoCr5-4 | 22.584 | 12.282 | 0.560 | 4.989 | 6.147 | 0.000 | 0.586 | 34.866 |
| 25MoCr4 | 22.584 | 6.072 | 0.924 | 0.000 | 4.750 | 0.000 | 0.398 | 28.656 |
| 31CrMoV9 | 22.584 | 7.090 | 2.800 | 0.000 | 2.235 | 1.797 | 0.258 | 29.674 |
| 34CrNiMo6V | 22.584 | 13.199 | 1.848 | 8.233 | 2.515 | 0.300 | 0.305 | 35.783 |
| 36CrNiMo4 | 22.584 | 9.234 | 1.176 | 5.239 | 2.515 | 0.000 | 0.305 | 31.818 |
| 38MnS6BY | 22.584 | 0.847 | 0.168 | 0.000 | 0.000 | 0.000 | 0.679 | 23.431 |
| 38MnS6ICI | 22.584 | 0.836 | 0.168 | 0.000 | 0.000 | 0.000 | 0.668 | 23.420 |
| 38MnS6MOD | 22.584 | 0.824 | 0.168 | 0.000 | 0.000 | 0.000 | 0.656 | 23.408 |



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| 38MnS6VBYMod | 22.584 | 1.259 | 0.112 | 0.000 | 0.000 | 0.479 | 0.668 | 23.843 |
| 38MNVMod | 22.584 | 1.831 | 0.000 | 0.000 | 0.000 | 1.198 | 0.633 | 24.415 |
| 38MnVS6MOD | 22.584 | 3.344 | 0.000 | 0.000 | 0.000 | 2.875 | 0.469 | 25.928 |
| 40CrNiMoA | 22.584 | 11.305 | 0.896 | 7.734 | 2.347 | 0.000 | 0.328 | 33.889 |
| 4118H | 22.584 | 2.220 | 0.560 | 0.000 | 1.285 | 0.000 | 0.375 | 24.804 |
| 4121M | 22.584 | 4.319 | 0.812 | 0.000 | 3.074 | 0.000 | 0.433 | 26.903 |
| 4121M1 | 22.584 | 5.102 | 1.036 | 0.000 | 3.632 | 0.000 | 0.433 | 27.686 |
| 4121M2 | 22.584 | 5.102 | 1.036 | 0.000 | 3.632 | 0.000 | 0.433 | 27.686 |
| 4121M2.5 | 22.584 | 4.177 | 1.008 | 0.000 | 2.794 | 0.000 | 0.375 | 26.761 |
| 4128VMTi | 22.584 | 7.347 | 2.016 | 0.000 | 3.912 | 1.138 | 0.281 | 29.931 |
| 4130H | 22.584 | 3.562 | 1.092 | 0.000 | 2.235 | 0.000 | 0.234 | 26.146 |
| 4130HW | 22.584 | 5.157 | 1.176 | 0.873 | 2.515 | 0.335 | 0.258 | 27.741 |
| 4130M7Ca4 | 22.584 | 9.687 | 1.512 | 0.000 | 7.824 | 0.000 | 0.351 | 32.271 |
| 4130MNi4V | 22.584 | 6.615 | 1.288 | 2.245 | 2.515 | 0.216 | 0.351 | 29.199 |
| 4130MODSS | 22.584 | 9.926 | 1.120 | 0.000 | 8.103 | 0.515 | 0.187 | 32.510 |
| 4130MVCbTi | 22.584 | 6.123 | 1.204 | 0.000 | 3.632 | 0.958 | 0.328 | 28.707 |
| 4130Ni | 22.584 | 4.534 | 1.148 | 0.748 | 2.403 | 0.000 | 0.234 | 27.118 |
| 4130NiNb | 22.584 | 5.126 | 1.176 | 0.998 | 2.515 | 0.180 | 0.258 | 27.710 |
| 4130NiV | 22.584 | 5.162 | 1.176 | 0.998 | 2.515 | 0.216 | 0.258 | 27.746 |
| 4130NiVCa4 | 22.584 | 4.926 | 1.232 | 0.998 | 2.235 | 0.180 | 0.281 | 27.510 |
| 4130V | 22.584 | 4.176 | 1.204 | 0.000 | 2.235 | 0.455 | 0.281 | 26.760 |
| 4130V2 | 22.584 | 5.817 | 1.204 | 0.000 | 2.235 | 2.097 | 0.281 | 28.401 |
| 4135H | 22.584 | 3.702 | 1.092 | 0.000 | 2.235 | 0.000 | 0.375 | 26.286 |
| 4137MCbCa4 | 22.584 | 5.018 | 1.176 | 0.000 | 3.409 | 0.000 | 0.433 | 27.602 |



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| 4137MVCa4 | 22.584 | 5.721 | 1.176 | 0.000 | 3.632 | 0.479 | 0.433 | 28.305 |
| 4140Ca1 | 22.584 | 3.709 | 1.064 | 0.000 | 2.235 | 0.000 | 0.410 | 26.293 |
| 4140Ca2 | 22.584 | 3.709 | 1.064 | 0.000 | 2.235 | 0.000 | 0.410 | 26.293 |
| 4140Ca4 | 22.584 | 3.709 | 1.064 | 0.000 | 2.235 | 0.000 | 0.410 | 26.293 |
| 4140H | 22.584 | 3.737 | 1.092 | 0.000 | 2.235 | 0.000 | 0.410 | 26.321 |
| 4140HW | 22.584 | 5.308 | 1.176 | 0.873 | 2.515 | 0.300 | 0.445 | 27.892 |
| 4140MV | 22.584 | 6.620 | 1.120 | 0.000 | 4.191 | 0.899 | 0.410 | 29.204 |
| 4140Nb | 22.584 | 3.709 | 1.064 | 0.000 | 2.235 | 0.000 | 0.410 | 26.293 |
| 4140Se | 22.584 | 3.709 | 1.064 | 0.000 | 2.235 | 0.000 | 0.410 | 26.293 |
| 4140V | 22.584 | 4.188 | 1.064 | 0.000 | 2.235 | 0.479 | 0.410 | 26.772 |
| 4140VNb | 22.584 | 4.882 | 1.064 | 0.873 | 2.235 | 0.300 | 0.410 | 27.466 |
| 4140VNb | 22.584 | 4.882 | 1.064 | 0.873 | 2.235 | 0.300 | 0.410 | 27.466 |
| 4142H | 22.584 | 3.737 | 1.092 | 0.000 | 2.235 | 0.000 | 0.410 | 26.321 |
| 4143V | 22.584 | 4.381 | 1.120 | 0.000 | 2.515 | 0.359 | 0.387 | 26.965 |
| 4145H | 22.584 | 3.737 | 1.092 | 0.000 | 2.235 | 0.000 | 0.410 | 26.321 |
| 4145HS | 22.584 | 5.414 | 1.148 | 0.000 | 3.353 | 0.479 | 0.433 | 27.998 |
| 4145HSX | 22.584 | 6.529 | 1.232 | 0.000 | 4.471 | 0.300 | 0.527 | 29.113 |
| 4145M | 22.584 | 4.376 | 1.148 | 0.000 | 2.794 | 0.000 | 0.433 | 26.960 |
| 4145M3CbTiCa4 | 22.584 | 5.249 | 1.148 | 0.000 | 3.632 | 0.000 | 0.469 | 27.833 |
| 4145M3VCb | 22.584 | 5.396 | 1.204 | 0.000 | 3.353 | 0.335 | 0.504 | 27.980 |
| 4145M4 | 22.584 | 6.101 | 1.092 | 0.000 | 4.471 | 0.000 | 0.539 | 28.685 |
| 4145M4CA4 | 22.584 | 6.101 | 1.092 | 0.000 | 4.471 | 0.000 | 0.539 | 28.685 |
| 4145M4VCb | 22.584 | 6.529 | 1.232 | 0.000 | 4.471 | 0.300 | 0.527 | 29.113 |
| 4145MCA2 | 22.584 | 4.376 | 1.148 | 0.000 | 2.794 | 0.000 | 0.433 | 26.960 |
| 4145MCA4 | 22.584 | 4.899 | 1.148 | 0.000 | 3.353 | 0.000 | 0.398 | 27.483 |



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|---------------|--------|--------|-------|--------|--------|-------|-------|--------|
| 4150Ca1 | 22.584 | 3.709 | 1.064 | 0.000 | 2.235 | 0.000 | 0.410 | 26.293 |
| 4150H | 22.584 | 3.737 | 1.092 | 0.000 | 2.235 | 0.000 | 0.410 | 26.321 |
| 4150HTe | 22.584 | 3.737 | 1.092 | 0.000 | 2.235 | 0.000 | 0.410 | 26.321 |
| 4150MR | 22.584 | 3.535 | 0.784 | 0.000 | 2.235 | 0.000 | 0.515 | 26.119 |
| 4150R | 22.584 | 3.709 | 1.064 | 0.000 | 2.235 | 0.000 | 0.410 | 26.293 |
| 4161H | 22.584 | 4.659 | 0.896 | 0.000 | 3.353 | 0.000 | 0.410 | 27.243 |
| 41B17M | 22.584 | 2.792 | 0.588 | 0.000 | 1.676 | 0.000 | 0.527 | 25.376 |
| 41B27 | 22.584 | 3.578 | 1.064 | 0.000 | 2.291 | 0.000 | 0.223 | 26.162 |
| 41B28M4NBCA4 | 22.584 | 6.719 | 1.120 | 0.000 | 5.029 | 0.335 | 0.234 | 29.303 |
| 41B30M1 | 22.584 | 2.971 | 0.588 | 0.000 | 1.844 | 0.000 | 0.539 | 25.555 |
| 41B45M | 22.584 | 2.831 | 0.560 | 0.000 | 1.732 | 0.000 | 0.539 | 25.415 |
| 42CrMo4 | 22.584 | 4.042 | 1.176 | 0.000 | 2.515 | 0.000 | 0.351 | 26.626 |
| 42CrMo4+Ni+V | 22.584 | 7.511 | 1.232 | 1.996 | 2.794 | 1.138 | 0.351 | 30.095 |
| 4320H | 22.584 | 12.468 | 0.560 | 8.856 | 2.794 | 0.000 | 0.258 | 35.052 |
| 4320M9 | 22.584 | 21.100 | 0.560 | 9.106 | 11.176 | 0.000 | 0.258 | 43.684 |
| 4320MCr | 22.584 | 12.898 | 0.896 | 8.856 | 2.794 | 0.000 | 0.351 | 35.482 |
| 4330NiMo5VCa4 | 22.584 | 19.686 | 1.064 | 11.725 | 5.588 | 0.899 | 0.410 | 42.270 |
| 4330VCb | 22.584 | 17.138 | 1.036 | 9.605 | 5.309 | 0.755 | 0.433 | 39.722 |
| 4332CR12 | 22.584 | 12.183 | 1.344 | 7.484 | 3.074 | 0.000 | 0.281 | 34.767 |
| 4332MVCa2 | 22.584 | 21.279 | 1.232 | 13.471 | 4.750 | 1.498 | 0.328 | 43.863 |
| 4340Ca2 | 22.584 | 13.147 | 0.896 | 9.106 | 2.794 | 0.000 | 0.351 | 35.731 |
| 4340Ca4 | 22.584 | 13.147 | 0.896 | 9.106 | 2.794 | 0.000 | 0.351 | 35.731 |
| 4340CAR | 22.584 | 13.147 | 0.896 | 9.106 | 2.794 | 0.000 | 0.351 | 35.731 |
| 4340H | 22.584 | 12.898 | 0.896 | 8.856 | 2.794 | 0.000 | 0.351 | 35.482 |
| 4340V | 22.584 | 13.686 | 0.896 | 9.106 | 2.794 | 0.539 | 0.351 | 36.270 |



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Bars*: \$0/CWT Tubes*: \$0/CWT
*Not included in Total below

| Grade | Scrap | Alloy | Cr | Ni | Mo | V | Mn | Total |
|-----------|--------|--------|-------|--------|-------|-------|-------|--------|
| 4350M1 | 22.584 | 11.313 | 0.896 | 6.736 | 3.353 | 0.000 | 0.328 | 33.897 |
| 43B17 | 22.584 | 12.729 | 0.560 | 9.106 | 2.794 | 0.000 | 0.269 | 35.313 |
| 44MnSiVS6 | 22.584 | 2.816 | 0.280 | 0.000 | 0.000 | 1.857 | 0.679 | 25.400 |
| 4715Ca2 | 22.584 | 11.100 | 0.616 | 4.241 | 5.868 | 0.000 | 0.375 | 33.684 |
| 4715Ca4 | 22.584 | 11.149 | 0.616 | 4.291 | 5.868 | 0.000 | 0.375 | 33.733 |
| 4715VCa2 | 22.584 | 11.579 | 0.616 | 4.241 | 5.868 | 0.479 | 0.375 | 34.163 |
| 4815Ca4 | 22.584 | 20.491 | 0.000 | 17.463 | 2.794 | 0.000 | 0.234 | 43.075 |
| 4815MCA2 | 22.584 | 21.773 | 0.000 | 17.463 | 3.912 | 0.000 | 0.398 | 44.357 |
| 4815MCA2 | 22.584 | 21.773 | 0.000 | 17.463 | 3.912 | 0.000 | 0.398 | 44.357 |
| 4817H | 22.584 | 20.491 | 0.000 | 17.463 | 2.794 | 0.000 | 0.234 | 43.075 |
| 4820H | 22.584 | 20.538 | 0.000 | 17.463 | 2.794 | 0.000 | 0.281 | 43.122 |
| 5016NiV | 22.584 | 2.976 | 0.224 | 1.397 | 0.000 | 0.887 | 0.469 | 25.560 |
| 5046H | 22.584 | 0.724 | 0.314 | 0.000 | 0.000 | 0.000 | 0.410 | 23.308 |
| 5046M | 22.584 | 1.520 | 0.308 | 0.000 | 0.000 | 0.779 | 0.433 | 24.104 |
| 5059Ni | 22.584 | 2.156 | 0.280 | 0.998 | 0.503 | 0.000 | 0.375 | 24.740 |
| 50B25 | 22.584 | 0.851 | 0.336 | 0.000 | 0.000 | 0.000 | 0.515 | 23.435 |
| 50B32M | 22.584 | 1.732 | 0.420 | 0.000 | 0.726 | 0.000 | 0.586 | 24.316 |
| 5120H | 22.584 | 1.271 | 0.896 | 0.000 | 0.000 | 0.000 | 0.375 | 23.855 |
| 5120M | 22.584 | 1.691 | 1.176 | 0.000 | 0.000 | 0.000 | 0.515 | 24.275 |
| 5130H | 22.584 | 1.467 | 1.092 | 0.000 | 0.000 | 0.000 | 0.375 | 24.051 |
| 5132RM | 22.584 | 2.567 | 1.176 | 0.000 | 0.000 | 0.899 | 0.492 | 25.151 |
| 5160H | 22.584 | 1.306 | 0.896 | 0.000 | 0.000 | 0.000 | 0.410 | 23.890 |
| 5160Te | 22.584 | 1.477 | 1.008 | 0.000 | 0.000 | 0.000 | 0.469 | 24.061 |
| 8617H | 22.584 | 5.903 | 0.560 | 2.744 | 2.235 | 0.000 | 0.363 | 28.487 |
| 8620Ca1 | 22.584 | 5.914 | 0.560 | 2.744 | 2.235 | 0.000 | 0.375 | 28.498 |



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| Grade | Scrap | Alloy | Cr | Ni | Mo | V | Mn | Total |
|---------------|--------|--------|--------|--------|--------|-------|-------|--------|
| 8620H | 22.584 | 5.903 | 0.560 | 2.744 | 2.235 | 0.000 | 0.363 | 28.487 |
| 8620M7 | 22.584 | 5.903 | 0.560 | 2.744 | 2.235 | 0.000 | 0.363 | 28.487 |
| 8620Te | 22.584 | 6.545 | 0.638 | 2.994 | 2.515 | 0.000 | 0.398 | 29.129 |
| 8622H | 22.584 | 5.903 | 0.560 | 2.744 | 2.235 | 0.000 | 0.363 | 28.487 |
| 8627H | 22.584 | 5.903 | 0.560 | 2.744 | 2.235 | 0.000 | 0.363 | 28.487 |
| 8630H | 22.584 | 5.903 | 0.560 | 2.744 | 2.235 | 0.000 | 0.363 | 28.487 |
| 8630Mca2 | 22.584 | 8.925 | 0.896 | 3.742 | 3.912 | 0.000 | 0.375 | 31.509 |
| 8630Mca4 | 22.584 | 8.925 | 0.896 | 3.742 | 3.912 | 0.000 | 0.375 | 31.509 |
| 8630MVCA2 | 22.584 | 10.776 | 1.064 | 4.241 | 4.750 | 0.300 | 0.422 | 33.360 |
| 8630MVCAR | 22.584 | 10.776 | 1.064 | 4.241 | 4.750 | 0.300 | 0.422 | 33.360 |
| 8640H | 22.584 | 5.949 | 0.560 | 2.744 | 2.235 | 0.000 | 0.410 | 28.533 |
| 86B20H | 22.584 | 6.182 | 0.560 | 2.744 | 2.515 | 0.000 | 0.363 | 28.766 |
| 8719M | 22.584 | 6.716 | 0.560 | 3.243 | 2.515 | 0.000 | 0.398 | 29.300 |
| 8720Ca4 | 22.584 | 6.473 | 0.560 | 2.744 | 2.794 | 0.000 | 0.375 | 29.057 |
| 8720M2 | 22.584 | 6.118 | 0.616 | 2.869 | 2.235 | 0.000 | 0.398 | 28.702 |
| 8740H | 22.584 | 6.508 | 0.560 | 2.744 | 2.794 | 0.000 | 0.410 | 29.092 |
| 8822H | 22.584 | 7.626 | 0.560 | 2.744 | 3.912 | 0.000 | 0.410 | 30.210 |
| 8829M7CbTiCa4 | 22.584 | 14.809 | 0.896 | 3.992 | 9.500 | 0.000 | 0.422 | 37.393 |
| 9310H | 22.584 | 19.131 | 1.372 | 16.216 | 1.285 | 0.000 | 0.258 | 41.715 |
| 9313Mca4 | 22.584 | 19.509 | 1.624 | 16.216 | 1.341 | 0.000 | 0.328 | 42.093 |
| 9323M | 22.584 | 24.071 | 1.400 | 18.710 | 3.632 | 0.000 | 0.328 | 46.655 |
| 9325M1 | 22.584 | 23.335 | 1.120 | 17.463 | 4.471 | 0.000 | 0.281 | 45.919 |
| 9Cr1Mo | 22.584 | 21.467 | 10.080 | 0.000 | 11.176 | 0.000 | 0.211 | 44.051 |
| A485-1 | 22.584 | 1.680 | 1.176 | 0.000 | 0.000 | 0.000 | 0.504 | 24.264 |
| A485-2 | 22.584 | 2.518 | 1.792 | 0.000 | 0.000 | 0.000 | 0.726 | 25.102 |



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| Grade | Scrap | Alloy | Cr | Ni | Mo | V | Mn | Total |
|-------------|--------|--------|-------|--------|--------|-------|-------|--------|
| A485-3 | 22.584 | 4.613 | 1.456 | 0.000 | 2.794 | 0.000 | 0.363 | 27.197 |
| A485-B6 | 22.584 | 5.418 | 2.016 | 0.000 | 3.074 | 0.000 | 0.328 | 28.002 |
| A485-B7 | 22.584 | 7.373 | 2.016 | 0.000 | 5.029 | 0.000 | 0.328 | 29.957 |
| AF9628 | 22.584 | 20.327 | 2.968 | 5.239 | 10.618 | 1.198 | 0.305 | 42.911 |
| C38+N2 | 22.584 | 0.836 | 0.168 | 0.000 | 0.000 | 0.000 | 0.668 | 23.420 |
| C38Mod | 22.584 | 2.010 | 0.168 | 0.000 | 0.000 | 1.198 | 0.644 | 24.594 |
| CrMo | 22.584 | 7.749 | 1.400 | 0.000 | 6.091 | 0.000 | 0.258 | 30.333 |
| CrMoV4 | 22.584 | 12.013 | 1.232 | 0.000 | 7.376 | 2.995 | 0.410 | 34.597 |
| CrMoV6 | 22.584 | 8.397 | 1.092 | 0.000 | 3.912 | 2.995 | 0.398 | 30.981 |
| CTC4162-130 | 22.584 | 4.733 | 1.148 | 0.998 | 2.235 | 0.000 | 0.351 | 27.317 |
| CTC4162-140 | 22.584 | 4.733 | 1.148 | 0.998 | 2.235 | 0.000 | 0.351 | 27.317 |
| EN27 | 22.584 | 18.497 | 1.428 | 13.970 | 2.794 | 0.000 | 0.305 | 41.081 |
| EN30B | 22.584 | 25.444 | 1.400 | 20.457 | 3.353 | 0.000 | 0.234 | 48.028 |
| EN30BMod | 22.584 | 28.004 | 1.540 | 20.581 | 4.750 | 0.899 | 0.234 | 50.588 |
| En355 | 22.584 | 14.208 | 1.736 | 9.979 | 2.235 | 0.000 | 0.258 | 36.792 |
| EN40B | 22.584 | 9.474 | 3.640 | 0.000 | 5.588 | 0.000 | 0.246 | 32.058 |
| EX25 | 22.584 | 3.820 | 0.616 | 0.000 | 2.794 | 0.000 | 0.410 | 26.404 |
| EX4 | 22.584 | 1.864 | 0.616 | 0.000 | 0.838 | 0.000 | 0.410 | 24.448 |
| HF1 | 22.584 | 0.820 | 0.000 | 0.000 | 0.000 | 0.000 | 0.820 | 23.404 |
| HS220-18 | 22.584 | 14.545 | 0.336 | 9.106 | 4.471 | 0.000 | 0.633 | 37.129 |
| HS220-18S | 22.584 | 14.545 | 0.336 | 9.106 | 4.471 | 0.000 | 0.633 | 37.129 |
| HS220-27 | 22.584 | 16.144 | 0.980 | 9.106 | 4.750 | 0.899 | 0.410 | 38.728 |
| HS220-27Ca2 | 22.584 | 16.144 | 0.980 | 9.106 | 4.750 | 0.899 | 0.410 | 38.728 |
| HS220-27CA4 | 22.584 | 16.144 | 0.980 | 9.106 | 4.750 | 0.899 | 0.410 | 38.728 |
| HS220-27Ca4 | 22.584 | 16.144 | 0.980 | 9.106 | 4.750 | 0.899 | 0.410 | 38.728 |



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|---------------|--------|--------|-------|--------|-------|-------|-------|--------|
| HS220-27CAR | 22.584 | 16.144 | 0.980 | 9.106 | 4.750 | 0.899 | 0.410 | 38.728 |
| HY-80 | 22.584 | 21.255 | 1.764 | 14.345 | 5.029 | 0.000 | 0.117 | 43.839 |
| IMPACT7 | 22.584 | 9.687 | 1.512 | 0.000 | 7.824 | 0.000 | 0.351 | 32.271 |
| MicroTec2W65 | 22.584 | 1.568 | 0.000 | 0.000 | 0.000 | 0.958 | 0.609 | 24.152 |
| MicroTec2W70 | 22.584 | 1.781 | 0.000 | 0.000 | 0.000 | 1.078 | 0.703 | 24.365 |
| MicroTec2W75 | 22.584 | 2.500 | 0.000 | 0.000 | 0.000 | 1.797 | 0.703 | 25.084 |
| MicroTec3M80C | 22.584 | 1.782 | 0.168 | 0.000 | 0.000 | 0.958 | 0.656 | 24.366 |
| MicroTec3M80H | 22.584 | 2.237 | 0.000 | 0.000 | 0.000 | 1.557 | 0.679 | 24.821 |
| MicroTec3M80T | 22.584 | 2.237 | 0.000 | 0.000 | 0.000 | 1.557 | 0.679 | 24.821 |
| MicroTec3M85 | 22.584 | 2.094 | 0.000 | 0.000 | 0.000 | 1.438 | 0.656 | 24.678 |
| MicroTec3W75 | 22.584 | 2.695 | 0.000 | 0.000 | 0.000 | 2.156 | 0.539 | 25.279 |
| MicroTec4M95 | 22.584 | 2.022 | 0.168 | 0.000 | 0.000 | 1.198 | 0.656 | 24.606 |
| MicroTec4M95A | 22.584 | 2.022 | 0.168 | 0.000 | 0.000 | 1.198 | 0.656 | 24.606 |
| MicroTec5H85 | 22.584 | 1.561 | 0.000 | 0.000 | 0.000 | 1.198 | 0.363 | 24.145 |
| Nit3 | 22.584 | 5.985 | 1.792 | 0.000 | 3.912 | 0.000 | 0.281 | 28.569 |
| PS16 | 22.584 | 2.896 | 0.560 | 0.000 | 1.844 | 0.000 | 0.492 | 25.480 |
| PS16M | 22.584 | 2.992 | 0.644 | 0.000 | 1.844 | 0.000 | 0.504 | 25.576 |
| PS55 | 22.584 | 18.223 | 0.616 | 9.106 | 8.103 | 0.000 | 0.398 | 40.807 |
| PS55Ca2 | 22.584 | 18.223 | 0.616 | 9.106 | 8.103 | 0.000 | 0.398 | 40.807 |
| PS55M | 22.584 | 18.374 | 0.644 | 9.106 | 8.215 | 0.000 | 0.410 | 40.958 |
| PS55M2 | 22.584 | 18.223 | 0.616 | 9.106 | 8.103 | 0.000 | 0.398 | 40.807 |
| S30CDY7A | 22.584 | 0.422 | 0.000 | 0.000 | 0.000 | 0.000 | 0.422 | 23.006 |
| S38CX | 22.584 | 2.231 | 0.000 | 0.000 | 1.844 | 0.000 | 0.387 | 24.815 |
| S38MS1V | 22.584 | 2.430 | 0.168 | 0.000 | 0.000 | 1.617 | 0.644 | 25.014 |
| S38MS1VA | 22.584 | 2.759 | 0.190 | 0.000 | 0.000 | 1.917 | 0.651 | 25.343 |



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|-----------|--------|--------|-------|-------|-------|-------|-------|--------|
| S38MS1V-L | 22.584 | 2.430 | 0.168 | 0.000 | 0.000 | 1.617 | 0.644 | 25.014 |
| S38MS1V-T | 22.584 | 2.058 | 0.168 | 0.000 | 0.000 | 1.258 | 0.633 | 24.642 |
| S40C-M | 22.584 | 0.351 | 0.000 | 0.000 | 0.000 | 0.000 | 0.351 | 22.935 |
| S40VCSS1 | 22.584 | 1.747 | 0.151 | 0.000 | 0.000 | 1.198 | 0.398 | 24.331 |
| S45CVMn | 22.584 | 2.251 | 0.168 | 0.000 | 0.000 | 1.498 | 0.586 | 24.835 |
| S53CG | 22.584 | 0.351 | 0.000 | 0.000 | 0.000 | 0.000 | 0.351 | 22.935 |
| SCM420H | 22.584 | 4.310 | 1.176 | 0.000 | 2.794 | 0.000 | 0.340 | 26.894 |
| SCR15 | 22.584 | 1.516 | 1.176 | 0.000 | 0.000 | 0.000 | 0.340 | 24.100 |
| SCR440H | 22.584 | 1.516 | 1.176 | 0.000 | 0.000 | 0.000 | 0.340 | 24.100 |
| SPG21CF | 22.584 | 6.429 | 0.560 | 0.000 | 5.588 | 0.000 | 0.281 | 29.013 |
| SV40CL1 | 22.584 | 1.742 | 0.168 | 0.000 | 0.000 | 1.258 | 0.316 | 24.326 |
| SVh40C | 22.584 | 1.070 | 0.000 | 0.000 | 0.000 | 0.719 | 0.351 | 23.654 |
| SW85 | 22.584 | 2.094 | 0.000 | 0.000 | 0.000 | 1.438 | 0.656 | 24.678 |
| TIM6V | 22.584 | 2.021 | 0.000 | 0.000 | 0.000 | 1.318 | 0.703 | 24.605 |
| VacTec400 | 22.584 | 6.496 | 0.924 | 1.622 | 3.353 | 0.000 | 0.597 | 29.080 |
| WHS100 | 22.584 | 7.045 | 0.868 | 2.744 | 2.235 | 0.659 | 0.539 | 29.629 |
| WHS130 | 22.584 | 12.874 | 0.896 | 8.856 | 2.794 | 0.000 | 0.328 | 35.458 |
| ZF7B | 22.584 | 1.953 | 1.344 | 0.000 | 0.000 | 0.000 | 0.609 | 24.537 |