

Hollow Section - Circular - Hot Formed

Stahlbauhohlprofile - Hohlprofile - Runder Querschnitt - Warmgefertigt

Tube de structure - Rond - Formé à chaud

CHS-H



| Product Size Diameter O/D mm | Thickness mm | | | | | | | | | | | |
|------------------------------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| | 1.50 | 2.00 | 2.30 | 2.50 | 2.90 | 3.00 | 3.20 | 3.60 | 4.00 | 5.00 | 6.00 | 6.30 |
| | Kg/m | | | | | | | | | | | |
| 17.2 | 0.581 | 0.750 | 0.845 | 0.906 | | | | | | | | |
| 21.3 | 0.732 | 0.952 | 1.078 | 1.159 | 1.316 | 1.354 | 1.428 | | | | | |
| 25.0 | 0.869 | 1.134 | 1.288 | 1.387 | 1.581 | 1.628 | | | | | | |
| 26.9 | 0.940 | 1.228 | 1.395 | 1.504 | 1.716 | 1.768 | 1.870 | | | | | |
| 28.0 | 0.980 | 1.282 | 1.458 | 1.572 | 1.795 | 1.850 | 1.957 | | | | | |
| 30.0 | 1.054 | 1.381 | 1.571 | 1.695 | 1.938 | 1.998 | | | | | | |
| 32.0 | 1.128 | 1.480 | 1.685 | 1.819 | 2.081 | 2.416 | | | | | | |
| 33.7 | 1.191 | 1.564 | 1.781 | 1.924 | 2.203 | 2.271 | 2.407 | 2.672 | 2.930 | | | |
| 35.0 | 1.239 | 1.628 | 1.855 | 2.004 | 2.296 | 2.368 | 2.510 | 2.788 | 3.058 | | | |
| 37.5 | 1.332 | 1.751 | 1.997 | 2.158 | 2.475 | 2.552 | 2.707 | 3.010 | 3.305 | | | |
| 38.0 | 1.350 | 1.776 | 2.025 | 2.189 | 2.510 | 2.589 | 2.746 | 3.054 | 3.354 | 4.069 | | |
| 39.0 | 1.387 | 1.825 | 2.082 | 2.250 | 2.582 | 2.663 | 2.825 | 3.143 | 3.453 | | | |
| 40.0 | 1.424 | 1.874 | 2.138 | 2.312 | 2.653 | 2.737 | 2.904 | 3.232 | 3.551 | | | |
| 41.5 | 1.480 | 1.948 | 2.223 | 2.404 | 2.761 | 2.848 | 3.023 | 3.365 | 3.699 | | | |
| 42.0 | 1.498 | 1.973 | 2.252 | 2.435 | 2.796 | 2.885 | 3.062 | 3.409 | 3.749 | | | |
| 42.4 | 1.513 | 1.993 | 2.275 | 2.460 | 2.825 | 2.915 | 3.094 | 3.445 | 3.788 | 4.612 | 5.386 | 5.609 |
| 44.5 | 1.591 | 2.096 | 2.394 | 2.589 | 2.975 | 3.070 | 3.259 | 3.631 | 3.995 | | | |
| 45.0 | 1.609 | 2.121 | 2.422 | 2.620 | 3.011 | 3.107 | 3.299 | 3.676 | 4.044 | 4.932 | 5.771 | 6.013 |
| 48.0 | 1.720 | 2.269 | 2.592 | 2.805 | 3.225 | 3.329 | 3.535 | 3.942 | 4.340 | | | |
| 48.3 | 1.731 | 2.284 | 2.609 | 2.824 | 3.247 | 3.351 | 3.559 | 3.969 | 4.370 | 5.339 | 6.259 | 6.525 |
| 48.6 | 1.742 | 2.298 | 2.626 | 2.842 | 3.268 | 3.374 | 3.583 | 3.995 | 4.400 | | | |
| 49.4 | 1.772 | 2.338 | 2.672 | 2.892 | 3.326 | 3.433 | 3.646 | 4.066 | 4.479 | 5.475 | | |
| 50.0 | 1.794 | 2.368 | 2.706 | 2.929 | 3.369 | 3.477 | 3.693 | 4.119 | 4.538 | 5.549 | 6.511 | 6.790 |
| 51.0 | 1.831 | 2.417 | 2.762 | 2.990 | 3.440 | 3.551 | 3.772 | 4.208 | 4.636 | 5.672 | 6.659 | 6.945 |
| 52.0 | 1.868 | 2.466 | 2.819 | 3.052 | 3.512 | 3.625 | 3.851 | 4.297 | 4.735 | 5.795 | 6.807 | 7.100 |
| 55.0 | 1.979 | 2.614 | 2.989 | 3.237 | 3.726 | 3.847 | 4.088 | 4.563 | 5.031 | 6.165 | 7.250 | 7.566 |
| 57.0 | 2.053 | 2.713 | 3.103 | 3.360 | 3.869 | 3.995 | 4.246 | 4.741 | 5.228 | 6.412 | 7.546 | 7.877 |
| 58.0 | | 2.762 | 3.159 | 3.422 | 2.941 | 4.069 | 4.325 | 4.830 | 5.327 | 6.535 | 7.694 | 8.032 |
| 60.0 | 2.164 | 2.861 | 3.273 | 3.545 | 4.084 | 4.217 | 4.482 | 5.007 | 5.524 | 6.782 | 7.990 | 8.343 |
| 60.3 | 2.175 | 2.876 | 3.290 | 3.564 | 4.105 | 4.239 | 4.506 | 5.034 | 5.554 | 6.819 | 8.035 | 8.390 |
| 61.5 | | 2.935 | 3.358 | 3.638 | 4.191 | 4.328 | 4.601 | 5.140 | 5.672 | 6.967 | 8.212 | 8.576 |
| 62.0 | 2.238 | 2.959 | 3.386 | 3.668 | 4.227 | 4.365 | 4.640 | 5.185 | 5.721 | | | |
| 62.2 | | 2.969 | 3.398 | 3.681 | 4.241 | 4.380 | 4.656 | 5.203 | 5.741 | 7.053 | 8.316 | 8.685 |
| 63.0 | 2.275 | 3.009 | 3.443 | 3.730 | 4.298 | 4.439 | 4.719 | 5.274 | 5.820 | 7.152 | 8.434 | 8.809 |
| 63.5 | 2.294 | 3.033 | 3.471 | 3.761 | 4.334 | 4.476 | 4.759 | 5.318 | 5.869 | 7.213 | 8.508 | 8.887 |
| 66.0 | | 3.157 | 3.613 | 3.915 | 4.513 | 4.661 | 4.956 | 5.540 | 6.116 | 7.522 | 8.878 | 9.275 |
| 70.0 | 2.534 | 3.354 | 3.840 | 4.162 | 4.799 | 4.957 | 5.272 | 5.895 | 6.511 | 8.015 | 9.470 | 9.897 |
| 71.5 | | 3.428 | 3.925 | 4.254 | 4.906 | 5.068 | 5.390 | 6.028 | 6.659 | 8.200 | 9.692 | 10.130 |
| 72.0 | | 3.453 | 3.953 | 4.285 | 4.942 | 5.105 | 5.429 | 6.073 | 6.708 | 8.262 | 9.766 | 10.208 |
| 75.5 | | 3.625 | 4.152 | 4.501 | 5.192 | 5.364 | 5.706 | 6.383 | 7.053 | 8.693 | 10.284 | 10.751 |
| 76.0 | 2.756 | 3.650 | 4.180 | 4.532 | 5.228 | 5.401 | 5.745 | 6.428 | 7.103 | 8.755 | 10.358 | 10.829 |
| 76.1 | 2.760 | 3.655 | 4.186 | 4.538 | 5.235 | 5.408 | 5.753 | 6.437 | 7.112 | 8.767 | 10.373 | 10.845 |
| 80.0 | 2.904 | 3.847 | 4.407 | 4.778 | 5.514 | 5.697 | 6.061 | 6.783 | 7.497 | 9.248 | 10.950 | 11.451 |
| 82.5 | 2.996 | 3.971 | 4.549 | 4.932 | 5.693 | 5.882 | 6.258 | 7.005 | 7.744 | 9.556 | 11.320 | 11.839 |
| 83.0 | 3.015 | 3.995 | 4.577 | 4.963 | 5.729 | 5.919 | 6.298 | 7.049 | 7.793 | 9.618 | 11.394 | 11.917 |

Hollow Section - Circular - Hot Formed

Stahlbauhohlprofile - Hohlprofile - Runder Querschnitt - Warmgefertigt

Tube de structure - Rond - Formé à chaud

CHS-H



| Product Size Diameter O/D mm | Thickness mm | | | | | | | | | | |
|------------------------------------|--------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|---------|
| | 1.50 | 2.00 | 2.30 | 2.50 | 2.90 | 3.00 | 3.20 | 3.60 | 4.00 | 5.00 | 6.00 |
| | Kg/m | | | | | | | | | | |
| 84.0 | 3.052 | 4.044 | 4.634 | 5.025 | 5.800 | 5.993 | 6.376 | 7.138 | 7.892 | 9.741 | 11.542 |
| 88.9 | 3.233 | 4.286 | 4.912 | 5.327 | 6.151 | 6.355 | 6.763 | 7.573 | 8.375 | 10.346 | 12.267 |
| 89.0 | 3.237 | 4.291 | 4.918 | 5.333 | 6.158 | 6.363 | 6.771 | 7.582 | 8.385 | 10.358 | 12.281 |
| 90.0 | 3.274 | 4.340 | 4.974 | 5.395 | 6.229 | 6.437 | 6.850 | 7.671 | 8.484 | | |
| 95.0 | 3.459 | 4.587 | 5.258 | 5.703 | 6.587 | 6.807 | 7.245 | 8.115 | 8.977 | 11.098 | 13.169 |
| 96.0 | | 4.636 | 5.315 | 5.765 | 6.658 | 6.881 | 7.323 | 8.203 | 9.075 | 11.221 | 13.317 |
| 100.0 | 3.644 | 4.834 | 5.542 | 6.011 | 6.944 | 7.176 | 7.639 | 8.559 | 9.470 | 11.714 | 13.909 |
| 101.6 | 3.703 | 4.913 | 5.632 | 6.110 | 7.059 | 7.295 | 7.765 | 8.701 | 9.628 | 11.912 | 14.146 |
| 108.0 | 3.940 | 5.228 | 5.995 | 6.504 | 7.517 | 7.768 | 8.270 | 9.269 | 10.259 | 12.701 | 15.093 |
| 110.0 | | 5.327 | 6.109 | 6.628 | 7.660 | 7.916 | 8.428 | 9.446 | 10.456 | | |
| 113.0 | 4.125 | 5.475 | 6.279 | 6.813 | 7.874 | 8.138 | 8.665 | 9.713 | 10.752 | 13.317 | 15.833 |
| 114.0 | 4.162 | 5.524 | 6.336 | 6.874 | 7.946 | 8.212 | 8.744 | 9.801 | 10.851 | 13.441 | 15.981 |
| 114.3 | 4.173 | 5.539 | 6.353 | 6.893 | 7.967 | 8.234 | 8.768 | 9.828 | 10.881 | 13.478 | 16.025 |
| 120.0 | 4.384 | 5.820 | 6.676 | 7.244 | 8.375 | 8.656 | 9.217 | 10.334 | 11.443 | 14.180 | 16.868 |
| 125.0 | | 6.067 | 6.960 | 7.553 | 8.732 | 9.026 | 9.612 | 10.778 | 11.936 | 14.797 | 17.608 |
| 127.0 | | 6.165 | 7.073 | 7.676 | 8.875 | 9.174 | 9.770 | 10.956 | 12.133 | 15.044 | 17.904 |
| 133.0 | | 6.461 | 7.413 | 8.046 | 9.305 | 9.618 | 10.243 | 11.488 | 12.725 | 15.783 | 18.792 |
| 139.7 | | 6.792 | 7.794 | 8.459 | 9.784 | 10.114 | 10.772 | 12.083 | 13.386 | 16.610 | 19.783 |
| 152.0 | | 7.398 | 8.491 | 9.217 | 10.663 | 11.024 | 11.743 | 13.175 | 14.600 | 18.126 | 21.603 |
| 152.4 | | 7.418 | 8.514 | 9.242 | 10.692 | 11.053 | 11.774 | 13.211 | 14.639 | 18.176 | 21.663 |
| 159.0 | 5.826 | 7.744 | 8.888 | 9.649 | 11.164 | 11.542 | 12.295 | 13.797 | 15.290 | 18.989 | 22.639 |
| 164.0 | | 7.990 | 9.172 | 9.957 | 11.522 | 11.912 | 12.690 | 14.241 | 15.783 | 19.606 | 23.379 |
| 165.1 | | | | | | 11.993 | 12.777 | 14.338 | 15.892 | 19.742 | 23.542 |
| 168.0 | | | | 10.204 | 11.808 | 12.207 | 13.005 | 14.596 | 16.178 | 20.099 | 23.971 |
| 168.1 | | | | 10.210 | 11.815 | 12.215 | 13.013 | 14.605 | 16.188 | 20.111 | 23.986 |
| 168.3 | | | | 10.222 | 11.829 | 12.230 | 13.029 | 14.622 | 16.208 | 20.136 | 24.015 |
| 177.8 | | | | | | 12.932 | 13.779 | 15.466 | 17.145 | 21.308 | 25.421 |
| 193.7 | | | | | | 14.109 | 15.034 | 16.877 | 18.713 | 23.268 | 27.774 |
| 200.0 | | | | | | 14.575 | 15.531 | 17.437 | 19.335 | 24.045 | 28.706 |
| 219.1 | | | | | | 15.988 | 17.038 | 19.132 | 21.219 | 26.400 | 31.532 |
| 244.5 | | | | | | | | | 23.724 | 29.532 | 35.291 |
| 273.0 | | | | | | | | | 26.536 | 33.046 | 39.508 |
| 273.1 | | | | | | | | | | 33.059 | 39.523 |
| 323.9 | | | | | | | | | 31.557 | 39.323 | 47.039 |
| 339.7 | | | | | | | | | | 41.271 | 49.377 |
| 355.6 | | | | | | | | | | 43.232 | 51.730 |
| 406.4 | | | | | | | | | | 49.496 | 59.247 |
| 457.0 | | | | | | | | | | | 66.734 |
| 508.0 | | | | | | | | | | | 74.280 |
| 610.0 | | | | | | | | | | | 89.373 |
| 711.0 | | | | | | | | | | | 104.318 |
| 762.0 | | | | | | | | | | | 111.865 |
| 813.0 | | | | | | | | | | | |
| 914.0 | | | | | | | | | | | |
| 1016.0 | | | | | | | | | | | |
| 1067.0 | | | | | | | | | | | |
| 1168.0 | | | | | | | | | | | |
| 1219.0 | | | | | | | | | | | |

Other and intermediate sizes available on request. Please contact our sales team for details.

Hollow Section - Circular - Hot Formed

Stahlbauhohlprofile - Hohlprofile - Runder Querschnitt - Warmgefertigt

Tube de structure - Rond - Formé à chaud

CHS-H



| Product Size Diameter O/D mm | Thickness mm | | | | | | | | | |
|------------------------------------|--------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 6.30 | 7.00 | 8.00 | 10.00 | 12.00 | 12.50 | 16.00 | 20.00 | 25.00 | 30.00 |
| | Kg/m | | | | | | | | | |
| 84.0 | 12.072 | | | | | | | | | |
| 88.9 | 12.833 | 14.138 | 15.961 | 19.458 | | | | | | |
| 89.0 | 12.849 | | | | | | | | | |
| 90.0 | | | | | | | | | | |
| 95.0 | 13.781 | | | | | | | | | |
| 96.0 | 13.936 | 15.364 | 17.362 | 21.209 | | | | | | |
| 100.0 | 14.558 | 16.055 | 18.151 | | | | | | | |
| 101.6 | 14.807 | 16.331 | 18.467 | 22.590 | | | | | | |
| 108.0 | 15.801 | 17.436 | 19.729 | 24.168 | | | | | | |
| 110.0 | | | | | | | | | | |
| 113.0 | 16.578 | 18.299 | 20.716 | | | | | | | |
| 114.0 | 16.733 | 18.471 | 20.913 | 25.648 | | | | | | |
| 114.3 | 16.780 | 18.523 | 20.972 | 25.722 | | | | | | |
| 120.0 | 17.665 | | | | | | | | | |
| 125.0 | 18.442 | 20.370 | 23.083 | 28.361 | 33.441 | | | | | |
| 127.0 | 18.753 | 20.716 | 23.478 | 28.854 | | | | | | |
| 133.0 | 19.685 | 21.751 | 24.662 | 30.334 | | | | | | |
| 139.7 | 20.726 | 22.908 | 25.983 | 31.986 | | 39.212 | | | | |
| 152.0 | 22.637 | 25.031 | 28.410 | 35.019 | | 43.003 | | | | |
| 152.4 | 22.699 | 25.100 | 28.489 | 35.118 | | 43.127 | | | | |
| 159.0 | 23.725 | 26.240 | 29.791 | 36.746 | | | | | | |
| 164.0 | 24.501 | | | | | | | | | |
| 165.1 | 24.672 | 27.293 | 30.995 | | | | | | | |
| 168.0 | 25.123 | | | | | | | | | |
| 168.1 | | | | | | | | | | |
| 168.3 | 25.170 | 27.845 | 31.626 | 39.039 | | 48.028 | | | | |
| 177.8 | 26.646 | 29.485 | 33.500 | 41.382 | 49.067 | 50.957 | | | | |
| 193.7 | 29.116 | 32.230 | 36.637 | 45.303 | 53.772 | 55.858 | | | | |
| 200.0 | 30.095 | 33.318 | 37.880 | | | | | | | |
| 219.1 | 33.062 | 36.615 | 41.648 | 51.567 | 61.289 | 63.688 | 80.140 | | | |
| 244.5 | 37.009 | 41.000 | 46.660 | 57.831 | 68.806 | 71.518 | 90.162 | | | |
| 273.0 | 41.437 | 45.920 | 52.282 | 64.860 | 77.240 | 80.304 | 101.408 | | | |
| 273.1 | 41.452 | 45.937 | 52.302 | 64.884 | 77.269 | | | | | |
| 323.9 | 49.345 | 54.707 | 62.325 | 77.412 | 92.303 | 95.995 | 121.492 | | | |
| 339.7 | 51.800 | 57.434 | 65.442 | 81.309 | | | | | | |
| 355.6 | 54.270 | 60.179 | 68.579 | 85.230 | 101.684 | 105.767 | 134.001 | 165.528 | | |
| 406.4 | 62.163 | 68.949 | 78.601 | 97.758 | 116.718 | 121.427 | 154.046 | 190.584 | 235.147 | |
| 457.0 | 70.024 | 77.684 | 88.584 | 110.237 | 131.692 | 137.025 | 174.012 | 215.542 | 266.344 | 315.914 |
| 508.0 | 77.948 | 86.488 | 98.646 | 122.814 | 146.785 | 152.747 | 194.135 | 240.696 | 297.788 | 353.646 |
| 610.0 | 93.795 | | 118.770 | 147.969 | 176.971 | 184.191 | 234.383 | 291.006 | 360.674 | 429.110 |
| 711.0 | 109.487 | | 138.696 | 172.877 | 206.861 | 215.326 | 274.236 | 340.822 | 422.945 | 503.834 |
| 762.0 | 117.411 | | 148.758 | 185.454 | 221.954 | 231.047 | 294.360 | 365.977 | 454.388 | 541.567 |
| 813.0 | | | 158.820 | 198.032 | 237.046 | 246.769 | 314.483 | 391.131 | 485.832 | 579.299 |
| 914.0 | | | 178.747 | 222.940 | 266.936 | 277.904 | 354.336 | 440.948 | 548.102 | 654.023 |
| 1016.0 | | | 198.870 | 248.095 | 297.122 | 309.348 | 394.584 | 491.257 | 610.989 | 729.487 |
| 1067.0 | | | | 260.672 | 312.215 | 325.069 | 414.708 | 516.412 | 642.432 | 767.219 |
| 1168.0 | | | | 285.580 | 342.104 | 356.205 | 454.561 | 566.228 | 704.702 | 841.911 |
| 1219.0 | | | | | 357.197 | 371.926 | 474.685 | 591.383 | 736.146 | 879.676 |

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Hollow Section - Circular - Hot Formed

Stahlbauhohlprofile - Hohlprofile - Runder Querschnitt - Warmgefertigt

Tube de structure - Rond - Formé à chaud

CHS-H



| Product Size O/D Diameter mm | Intermediate Sizes Thickness mm | | | | |
|------------------------------|---------------------------------|-------|--------|--------|---------|
| | 2.00 | 3.50 | 4.50 | 9.00 | 14.20 |
| | Kg/m | | | | |
| 35.0 | | 2.719 | | | |
| 48.3 | | 3.867 | | | |
| 56.0 | 2.663 | | | | |
| 60.3 | | 4.903 | | | |
| 61.5 | | 5.006 | | | |
| 62.2 | | 5.067 | | | |
| 68.0 | 3.255 | | | | |
| 88.9 | | | 7.371 | | |
| 96.0 | | | | 19.310 | |
| 114.3 | | | 9.564 | | |
| 120.0 | | | 10.056 | | |
| 125.0 | | | 10.487 | | |
| 127.0 | | | 10.660 | | |
| 133.0 | | | 11.178 | | |
| 139.7 | | | 11.756 | | |
| 193.7 | | | 20.997 | | |
| 219.1 | | | 23.816 | | |
| 323.9 | | | | | 108.455 |
| 355.6 | | | | | 119.556 |
| 406.4 | | | | | 137.346 |