

■配管用ステンレス鋼鋼管(JIS G 3459)

■配管用アーク溶接大径ステンレス鋼鋼管(JIS G 3468)

| 規格 | 呼び径 | | 呼び 厚 さ | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-----|--------|-----------|------|-------|-------|------------|-------|------|-------|------------|-------|-------|------|----------|-------|-------|-------|----------|-------|-------|-------|-------|------|-------|-------|-------|-------|-----|
| | A | B | スケジュール5 S | | | | スケジュール10 S | | | | スケジュール20 S | | | | スケジュール40 | | | | スケジュール80 | | | | | | | | | | |
| | | | 単位質量kg/m | | | | 単位質量kg/m | | | | 単位質量kg/m | | | | 単位質量kg/m | | | | 単位質量kg/m | | | | | | | | | | |
| | | | 鋼種別記号 | | | | 鋼種別記号 | | | | 鋼種別記号 | | | | 鋼種別記号 | | | | 鋼種別記号 | | | | | | | | | | |
| | | | 厚さ | 厚さ | 厚さ | 厚さ | 厚さ | 厚さ | 厚さ | 厚さ | 厚さ | 厚さ | 厚さ | 厚さ | 厚さ | 厚さ | 厚さ | 厚さ | 厚さ | 厚さ | 厚さ | 厚さ | | | | | | | |
| mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | | | | | | | | | | |
| | (A) | (B) | (C) | (D) | (A) | (B) | (C) | (D) | (A) | (B) | (C) | (D) | (A) | (B) | (C) | (D) | (A) | (B) | (C) | (D) | (A) | (B) | (C) | (D) | | | | | |
| JIS G 3459 | 6 | 1/8 | 10.5 | 1.0 | 0.237 | 0.238 | 0.233 | 0.231 | 1.2 | 0.278 | 0.280 | 0.273 | 0.272 | 1.5 | 0.336 | 0.338 | 0.331 | 0.329 | 1.7 | 0.373 | 0.375 | 0.367 | 0.364 | 2.4 | 0.484 | 0.487 | 0.476 | 0.473 | |
| | 8 | 1/4 | 13.8 | 1.2 | 0.377 | 0.379 | 0.370 | 0.368 | 1.65 | 0.499 | 0.503 | 0.491 | 0.488 | 2.0 | 0.588 | 0.592 | 0.578 | 0.575 | 2.2 | 0.636 | 0.640 | 0.625 | 0.621 | 3.0 | 0.807 | 0.812 | 0.794 | 0.789 | |
| | 10 | 3/8 | 17.3 | 1.2 | 0.481 | 0.484 | 0.473 | 0.470 | 1.65 | 0.643 | 0.647 | 0.633 | 0.629 | 2.0 | 0.762 | 0.767 | 0.750 | 0.745 | 2.3 | 0.859 | 0.865 | 0.845 | 0.840 | 3.2 | 1.12 | 1.13 | 1.11 | 1.10 | |
| | 15 | 1/2 | 21.7 | 1.65 | 0.824 | 0.829 | 0.811 | 0.806 | 2.1 | 1.03 | 1.03 | 1.01 | 1.00 | 2.5 | 1.20 | 1.20 | 1.18 | 1.17 | 2.8 | 1.32 | 1.33 | 1.30 | 1.29 | 3.7 | 1.66 | 1.67 | 1.63 | 1.62 | |
| | 20 | 3/4 | 27.2 | 1.65 | 1.05 | 1.06 | 1.03 | 1.03 | 2.1 | 1.31 | 1.32 | 1.29 | 1.28 | 2.5 | 1.54 | 1.55 | 1.51 | 1.50 | 2.9 | 1.76 | 1.77 | 1.73 | 1.72 | 3.9 | 2.26 | 2.28 | 2.23 | 2.21 | |
| | 25 | 1 | 34.0 | 1.65 | 1.33 | 1.34 | 1.31 | 1.30 | 2.8 | 2.18 | 2.19 | 2.14 | 2.13 | 3.0 | 2.32 | 2.33 | 2.28 | 2.26 | 3.4 | 2.59 | 2.61 | 2.55 | 2.53 | 4.5 | 3.31 | 3.33 | 3.25 | 3.23 | |
| | 32 | 1 1/4 | 42.7 | 1.65 | 1.69 | 1.70 | 1.66 | 1.65 | 2.8 | 2.78 | 2.80 | 2.74 | 2.72 | 3.0 | 2.97 | 2.99 | 2.92 | 2.90 | 3.6 | 3.51 | 3.53 | 3.45 | 3.43 | 4.9 | 4.61 | 4.64 | 4.54 | 4.51 | |
| | 40 | 1 1/2 | 48.6 | 1.65 | 1.93 | 1.94 | 1.90 | 1.89 | 2.8 | 3.19 | 3.21 | 3.14 | 3.12 | 3.0 | 3.41 | 3.43 | 3.35 | 3.33 | 3.7 | 4.14 | 4.16 | 4.07 | 4.05 | 5.1 | 5.53 | 5.56 | 5.44 | 5.40 | |
| | 50 | 2 | 60.5 | 1.65 | 2.42 | 2.43 | 2.38 | 2.36 | 2.8 | 4.02 | 4.05 | 3.96 | 3.93 | 3.5 | 4.97 | 5.00 | 4.89 | 4.86 | 3.9 | 5.50 | 5.53 | 5.41 | 5.38 | 5.5 | 7.54 | 7.58 | 7.41 | 7.37 | |
| | 65 | 2 1/2 | 76.3 | 2.1 | 3.88 | 3.91 | 3.82 | 3.79 | 3.0 | 5.48 | 5.51 | 5.39 | 5.35 | 3.5 | 6.35 | 6.39 | 6.24 | 6.20 | 5.2 | 9.21 | 9.27 | 9.06 | 9.00 | 7.0 | 12.1 | 12.2 | 11.9 | 11.8 | |
| | 80 | 3 | 89.1 | 2.1 | 4.55 | 4.58 | 4.48 | 4.45 | 3.0 | 6.43 | 6.48 | 6.33 | 6.29 | 4.0 | 8.48 | 8.53 | 8.34 | 8.29 | 5.5 | 11.5 | 11.5 | 11.3 | 11.2 | 7.6 | 15.4 | 15.5 | 15.2 | 15.1 | |
| | 90 | 3 1/2 | 101.6 | 2.1 | 5.20 | 5.24 | 5.12 | 5.09 | 3.0 | 7.37 | 7.42 | 7.25 | 7.20 | 4.0 | 9.72 | 9.79 | 9.56 | 9.51 | 5.7 | 13.6 | 13.7 | 13.4 | 13.3 | 8.1 | 18.9 | 19.0 | 18.6 | 18.4 | |
| | 100 | 4 | 114.3 | 2.1 | 5.87 | 5.91 | 5.77 | 5.74 | 3.0 | 8.32 | 8.37 | 8.18 | 8.13 | 4.0 | 11.0 | 11.1 | 10.8 | 10.7 | 6.0 | 16.2 | 16.3 | 15.9 | 15.8 | 8.6 | 22.6 | 22.8 | 22.3 | 22.1 | |
| | 125 | 5 | 139.8 | 2.8 | 9.56 | 9.62 | 9.40 | 9.34 | 3.4 | 11.6 | 11.6 | 11.4 | 11.3 | 5.0 | 16.8 | 16.9 | 16.5 | 16.4 | 6.6 | 21.9 | 22.0 | 21.5 | 21.4 | 9.5 | 30.8 | 31.0 | 30.3 | 30.1 | |
| | 150 | 6 | 165.2 | 2.8 | 11.3 | 11.4 | 11.1 | 11.1 | 3.4 | 13.7 | 13.8 | 13.5 | 13.4 | 5.0 | 20.0 | 20.1 | 19.6 | 19.5 | 7.1 | 28.0 | 28.1 | 27.5 | 27.3 | 11.0 | 42.3 | 42.5 | 41.6 | 41.3 | |
| | 200 | 8 | 216.3 | 2.8 | 14.9 | 15.0 | 14.6 | 14.6 | 4.0 | 21.2 | 21.3 | 20.8 | 20.7 | 6.5 | 34.0 | 34.2 | 33.4 | 33.2 | 8.2 | 42.5 | 42.8 | 41.8 | 41.6 | 12.7 | 64.4 | 64.8 | 63.4 | 63.0 | |
| | 250 | 10 | 267.4 | 3.4 | 22.4 | 22.5 | 22.0 | 21.9 | 4.0 | 26.2 | 26.4 | 25.8 | 25.7 | 6.5 | 42.2 | 42.5 | 41.5 | 41.3 | 9.3 | 59.8 | 60.2 | 58.8 | 58.4 | 15.1 | 94.9 | 95.5 | 93.3 | 92.8 | |
| | 300 | 12 | 318.5 | 4.0 | 31.3 | 31.5 | 30.8 | 30.6 | 4.5 | 35.2 | 35.4 | 34.6 | 34.4 | 6.5 | 50.5 | 50.8 | 49.7 | 49.4 | 10.3 | 79.1 | 79.6 | 77.8 | 77.3 | 17.4 | 131 | 131 | 128 | 128 | |
| | 350 | 14 | 355.6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 11.1 | 95.3 | 95.9 | 93.7 | 93.1 | 19.0 | 159 | 160 | 157 | 156 |
| | 400 | 16 | 406.4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 12.7 | 125 | 125 | 122 | 122 | 21.4 | 205 | 207 | 202 | 201 |
| 450 | 18 | 457.2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 14.3 | 158 | 159 | 155 | 154 | 23.8 | 257 | 259 | 253 | 251 | |
| 500 | 20 | 508.0 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 15.1 | 185 | 187 | 182 | 181 | 26.2 | 314 | 316 | 309 | 307 | |
| 550 | 22 | 558.8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 15.9 | 215 | 216 | 211 | 210 | 28.6 | 378 | 380 | 372 | 369 | |
| 600 | 24 | 609.6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 17.5 | 258 | 260 | 254 | 252 | 31.0 | 447 | 450 | 439 | 437 | |
| 650 | 26 | 660.4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 18.9 | 302 | 304 | 297 | 295 | 34.0 | 531 | 534 | 522 | 519 | |
| JIS G 3468 | 150 | 6 | 165.2 | 2.8 | 11.3 | 11.4 | 11.1 | — | 3.4 | 13.7 | 13.8 | 13.5 | — | 5.0 | 20.0 | 20.1 | 19.6 | — | 7.1 | 28.0 | 28.1 | 27.5 | — | — | — | — | — | — | |
| | 200 | 8 | 216.3 | 2.8 | 14.9 | 15.0 | 14.6 | — | 4.0 | 21.2 | 21.3 | 20.8 | — | 6.5 | 34.0 | 34.2 | 33.4 | — | 8.2 | 42.5 | 42.8 | 41.8 | — | — | — | — | — | — | |
| | 250 | 10 | 267.4 | 3.4 | 22.4 | 22.5 | 22.0 | — | 4.0 | 26.2 | 26.4 | 25.8 | — | 6.5 | 42.2 | 42.5 | 41.5 | — | 9.3 | 59.8 | 60.2 | 58.8 | — | — | — | — | — | — | |
| | 300 | 12 | 318.5 | 4.0 | 31.3 | 31.5 | 30.8 | — | 4.5 | 35.2 | 35.4 | 34.6 | — | 6.5 | 50.5 | 50.8 | 49.7 | — | 10.3 | 79.1 | 79.6 | 77.8 | — | — | — | — | — | — | |
| | 350 | 14 | 355.6 | 4.0 | 35.0 | 35.3 | 34.5 | — | 5.0 | 43.7 | 43.9 | 42.9 | — | 8.0 | 69.3 | 69.7 | 68.1 | — | 11.1 | 95.3 | 95.9 | 93.7 | — | — | — | — | — | — | |
| | 400 | 16 | 406.4 | 4.5 | 45.1 | 45.3 | 44.3 | — | 5.0 | 50.0 | 50.3 | 49.2 | — | 8.0 | 79.4 | 79.9 | 78.1 | — | 12.7 | 125 | 125 | 122 | — | — | — | — | — | — | |
| | 450 | 18 | 457.2 | 4.5 | 50.7 | 51.1 | 49.9 | — | 5.0 | 56.3 | 56.7 | 55.4 | — | 8.0 | 89.5 | 90.1 | 88.0 | — | 14.3 | 158 | 159 | 155 | — | — | — | — | — | — | |
| | 500 | 20 | 508.0 | 5.0 | 62.6 | 63.1 | 61.6 | — | 5.5 | 68.8 | 69.3 | 67.7 | — | 9.5 | 118 | 119 | 116 | — | 15.1 | 185 | 187 | 182 | — | — | — | — | — | — | |
| | 550 | 22 | 558.8 | 5.0 | 69.0 | 69.4 | 67.8 | — | 5.5 | 75.8 | 76.3 | 74.6 | — | 9.5 | 130 | 131 | 128 | — | 15.9 | 215 | 216 | 211 | — | — | — | — | — | — | |
| | 600 | 24 | 609.6 | 5.5 | 82.8 | 83.3 | 81.4 | — | 6.5 | 97.7 | 98.3 | 96.0 | — | 9.5 | 142 | 143 | 140 | — | 17.5 | 258 | 260 | 254 | — | — | — | — | — | — | |
| | 650 | 26 | 660.4 | 5.5 | 89.7 | 90.3 | 88.2 | — | 8.0 | 130 | 131 | 128 | — | 12.7 | 205 | 206 | 202 | — | 17.5 | 280 | 282 | 276 | — | — | — | — | — | — | |
| | 700 | 28 | 711.2 | 5.5 | 96.7 | 97.3 | 95.1 | — | 8.0 | 140 | 141 | 138 | — | 12.7 | 221 | 222 | 217 | — | 17.5 | 302 | 304 | 297 | — | — | — | — | — | — | |
| | 750 | 30 | 762.0 | 6.5 | 122 | 123 | 120 | — | 8.0 | 150 | 151 | 148 | — | 12.7 | 237 | 239 | 233 | — | 17.5 | 325 | 327 | 319 | — | — | — | — | — | — | |
| | 800 | 32 | 812.8 | — | — | — | — | — | 8.0 | 160 | 161 | 158 | — | 12.7 | 253 | 255 | 249 | — | 17.5 | 347 | 349 | 341 | — | — | — | — | — | — | |
| 850 | 34 | 863.6 | — | — | — | — | — | 8.0 | 171 | 172 | 168 | — | 12.7 | 269 | 271 | 265 | — | 17.5 | 369 | 371 | 363 | — | — | — | — | — | — | | |
| 900 | 36 | 914.4 | — | — | — | — | — | 8.0 | 181 | 182 | 178 | — | 12.7 | 285 | 287 | 281 | — | 19.1 | 426 | 429 | 419 | — | — | — | — | — | — | | |
| 1000 | 40 | 1016.0 | — | — | — | — | — | 9.5 | 238 | 240 | 234 | — | 14.3 | 357 | 359 | 351 | — | 26.2 | 646 | 650 | 635 | — | — | — | — | — | — | | |

●備考

質量の数値は、次の式により計算し、JIS Z 8401により有効数字3けたに丸める。

| 鋼種別記号 | 適用鋼種 | 基本質量(1)kg | 算式(2) |
|-------|--|-----------|-------------------|
| (A) | SUS 304, SUS 304H, SUS 304L, SUS 321, SUS 321H, | 7.93 | $W=0.02491t(D-t)$ |
| (B) | SUS 309, SUS 309S, SUS 310, SUS 310S, SUS 316, SUS 316H, SUS 316L, SUS 317, SUS 317L, SUS 347, SUS 347H, | 7.98 | $W=0.02507t(D-t)$ |
| (C) | SUS 329J1, SUS 329J2L, | 7.80 | $W=0.02450t(D-t)$ |
| (D) | SUS 405, | 7.75 | $W=0.02435t(D-t)$ |

注(1) 基本質量とは、厚さ1mm、面積1㎡の質量である。

(2) W : 管の質量 (kg/m)

t : 管の厚さ (mm)

D : 管の外径 (mm)