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## Tubes Sans Soudure / ASTM A106 API 5L Gr.B

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| Diametre nominal | ø Ext.         | Désignations                             |          | Epaisseur               |   | Poids   |   | ø Int.  |   |  |
|------------------|----------------|--|----------|-------------------------|---|---|---|---|---|--|
|                  |                |  |          | INCH                    | MM  | LBS/ FOOT   | KG/ METER   | INCH  | MM  |  |
| INCH<br>MM       | INCH<br>MM     | ASME                                     |          | INCH                    | MM  | LBS/ FOOT   | KG/ METER   | INCH  | MM  |  |
| 8/1<br>6         | 0.405<br>10.3  | 10<br>STD<br>XS                          | 40<br>80 | 10S<br>40S<br>80S       | 0.049<br>0.068<br>0.095   | 1.24<br>1.73<br>2.41  | 0.19<br>0.24<br>0.31  | 0.28<br>0.37<br>0.47  | 0.307<br>0.269<br>0.215   | 7.82<br>6.84<br>5.84   |
| 4/1<br>8         | 0.540<br>13.7  | 10<br>STD<br>XS                          | 40<br>80 | 10S<br>40S<br>80S       | 0.065<br>0.088<br>0.119   | 1.65<br>2.24<br>3.02  | 0.33<br>0.43<br>0.54  | 0.49<br>0.63<br>0.80  | 0.410<br>0.364<br>0.302   | 10.40<br>9.22<br>7.66  |
| 8/3<br>10        | 0.675<br>17.1  | 10<br>STD<br>XS                          | 40<br>80 | 10S<br>40S<br>80S       | 0.065<br>0.091<br>0.126   | 1.65<br>2.31<br>3.20  | 0.42<br>0.57<br>0.74  | 0.63<br>0.84<br>1.10  | 0.545<br>0.493<br>0.423   | 13.80<br>12.48<br>10.70  |
| 2/1<br>15        | 0.840<br>21.3  | 5<br>10<br>STD<br>XS<br>160<br>XX        | 40<br>80 | 5S<br>10S<br>40S<br>80S | 0.065<br>0.083<br>0.109<br>0.147<br>0.188<br>0.294                            | 1.65<br>2.11<br>2.77<br>3.73<br>4.78<br>7.47                            | 0.54<br>0.67<br>0.85<br>1.09<br>1.31<br>1.72                              | 0.80<br>1.00<br>1.27<br>1.62<br>1.95<br>2.55                                | 0.710<br>0.674<br>0.622<br>0.546<br>0.464<br>0.252                            | 18.00<br>17.08<br>15.76<br>13.84<br>11.74<br>6.36                                  |
| 4/3<br>20        | 1.050<br>26.7  | 5<br>10<br>STD<br>XS<br>160<br>XX        | 40<br>80 | 5S<br>10S<br>40S<br>80S | 0.065<br>0.083<br>0.113<br>0.154<br>0.219<br>0.308                            | 1.65<br>2.11<br>2.87<br>3.91<br>5.56<br>7.82                            | 0.69<br>0.86<br>1.13<br>1.48<br>1.95<br>2.44                              | 1.03<br>1.28<br>1.69<br>2.20<br>2.90<br>3.64                                | 0.920<br>0.884<br>0.824<br>0.742<br>0.612<br>0.434                            | 23.40<br>22.48<br>20.96<br>18.88<br>15.58<br>11.06                                 |
| 1<br>25          | 1.315<br>33.4  | 5<br>10<br>STD<br>XS<br>160<br>XX        | 40<br>80 | 5S<br>10S<br>40S<br>80S | 0.065<br>0.109<br>0.133<br>0.179<br>0.250<br>0.358                            | 1.65<br>2.77<br>3.38<br>4.55<br>6.35<br>9.09                            | 0.87<br>1.41<br>1.68<br>2.17<br>2.85<br>3.66                              | 1.29<br>2.09<br>2.50<br>3.24<br>4.24<br>5.45                                | 1.185<br>1.097<br>1.049<br>0.957<br>0.815<br>0.599                            | 30.10<br>27.86<br>26.64<br>24.30<br>20.70<br>15.22                                 |
| 4/1-1<br>32      | 1.660<br>42.2  | 5<br>10<br>STD<br>XS<br>160<br>XX        | 40<br>80 | 5S<br>10S<br>40S<br>80S | 0.065<br>0.109<br>0.140<br>0.191<br>0.250<br>0.382                            | 1.65<br>2.77<br>3.56<br>4.85<br>6.35<br>9.70                            | 1.11<br>1.81<br>2.27<br>3.00<br>3.77<br>5.22                              | 1.65<br>2.69<br>3.39<br>4.47<br>5.61<br>7.77                                | 1.530<br>1.442<br>1.380<br>1.278<br>1.160<br>0.896                            | 38.90<br>36.66<br>35.08<br>32.50<br>29.50<br>22.80                                 |
| 2/1-1<br>40      | 1.900<br>48.3  | 5<br>10<br>STD<br>XS<br>160<br>XX        | 40<br>80 | 5S<br>10S<br>40S<br>80S | 0.065<br>0.109<br>0.145<br>0.200<br>0.281<br>0.400                            | 1.65<br>2.77<br>3.68<br>5.08<br>7.14<br>10.15                           | 1.28<br>2.09<br>2.72<br>3.63<br>4.86<br>6.41                              | 1.90<br>3.11<br>4.05<br>5.41<br>7.25<br>9.55                                | 1.770<br>1.682<br>1.610<br>1.500<br>1.338<br>1.100                            | 45.00<br>42.76<br>40.94<br>38.14<br>34.02<br>28.00                                 |
| 2<br>50          | 2.375<br>60.3  | 5<br>10<br>STD<br>XS<br>160<br>XX        | 40<br>80 | 5S<br>10S<br>40S<br>80S | 0.065<br>0.109<br>0.154<br>0.218<br>0.344<br>0.436                            | 1.65<br>2.77<br>3.91<br>5.54<br>8.74<br>11.07                           | 1.61<br>2.64<br>3.66<br>5.03<br>7.47<br>9.04                              | 2.39<br>3.93<br>5.44<br>7.48<br>11.11<br>13.44                              | 2.245<br>2.157<br>2.067<br>1.939<br>1.687<br>1.503                            | 57.00<br>54.76<br>52.48<br>49.22<br>42.82<br>38.16                                 |
| 2/1-2<br>65      | 2.875<br>73.0  | 5<br>10<br>STD<br>XS<br>160<br>XX        | 40<br>80 | 5S<br>10S<br>40S<br>80S | 0.083<br>0.120<br>0.203<br>0.276<br>0.375<br>0.552                            | 2.11<br>3.05<br>5.16<br>7.01<br>9.53<br>14.02                           | 2.48<br>3.53<br>5.80<br>7.67<br>10.02<br>13.71                            | 3.69<br>5.26<br>8.63<br>11.41<br>14.92<br>20.39                             | 2.709<br>2.635<br>2.469<br>2.323<br>2.125<br>1.771                            | 68.78<br>66.90<br>62.68<br>58.98<br>53.94<br>44.96                                 |
| 3<br>80          | 3.500<br>88.9  | 5<br>10<br>STD<br>XS<br>160<br>XX        | 40<br>80 | 5S<br>10S<br>40S<br>80S | 0.083<br>0.120<br>0.216<br>0.300<br>0.438<br>0.600                            | 2.11<br>3.05<br>5.49<br>7.62<br>11.13<br>15.24                          | 3.03<br>4.34<br>7.58<br>10.26<br>14.34<br>18.60                           | 4.52<br>6.46<br>11.29<br>15.27<br>21.35<br>27.68                            | 3.334<br>3.260<br>3.068<br>2.900<br>2.624<br>2.300                            | 84.68<br>82.80<br>77.92<br>73.66<br>66.64<br>58.42                                 |
| 2/1-3<br>90      | 4.000<br>101.6 | 5<br>10<br>STD<br>XS<br>160<br>XX        | 40<br>80 | 5S<br>10S<br>40S<br>80S | 0.083<br>0.120<br>0.226<br>0.318<br>0.636                                     | 2.11<br>3.05<br>5.74<br>8.08<br>16.15                                   | 3.48<br>4.98<br>9.12<br>12.52<br>22.87                                    | 5.18<br>7.41<br>13.57<br>18.64<br>34.03                                     | 3.834<br>3.760<br>3.548<br>3.364<br>2.728                                     | 97.38<br>95.50<br>90.12<br>85.44<br>69.30  |
| 4<br>100         | 4.500<br>114.3 | 5<br>10<br>STD<br>XS<br>120<br>160<br>XX | 40<br>80 | 5S<br>10S<br>40S<br>80S | 0.083<br>0.120<br>0.156<br>0.188<br>0.237<br>0.337<br>0.438<br>0.531<br>0.674 | 2.11<br>3.05<br>3.96<br>4.78<br>6.02<br>8.56<br>11.13<br>13.49<br>17.12 | 3.92<br>5.62<br>7.24<br>8.67<br>10.80<br>15.00<br>19.02<br>22.53<br>27.57 | 5.84<br>8.37<br>10.78<br>12.91<br>16.08<br>22.32<br>28.32<br>33.54<br>41.03 | 4.334<br>4.260<br>4.188<br>4.124<br>4.026<br>3.826<br>3.624<br>3.438<br>3.152 | 110.08<br>108.20<br>106.38<br>104.74<br>102.26<br>97.18<br>92.04<br>87.32<br>80.06 |
| 2/1-4<br>115     | 5.000<br>127.0 | STD<br>XS<br>XX                          | 40<br>80 | 40S<br>80S              | 0.247<br>0.355<br>0.710   | 6.27<br>9.02<br>18.03   | 12.55<br>17.63<br>32.56   | 18.67<br>26.24<br>48.45   | 4.506<br>4.290<br>3.580   | 114.46<br>108.96<br>90.94  |

| Diametre nominal | ø Ext.          | Désignations  |                  | Epaisseur               |  | Poids  |  | ø Int.   |  |  |
|------------------|-----------------|---|------------------|-------------------------|--|--|--|--|--|--|
|                  |                 |   |                  | INCH                    | MM   | LBS/ FOOT  | KG/ METER  | INCH   | MM   |  |
| INCH<br>MM       | INCH<br>MM      | ASME  |                  | INCH                    | MM   | LBS/ FOOT  | KG/ METER  | INCH   | MM   |  |
| 5<br>125         | 5.563<br>141.3  | 5<br>10<br>STD<br>XS<br>120<br>160<br>XX                                  | 40<br>80         | 5S<br>10S<br>40S<br>80S | 0.109<br>0.134<br>0.258<br>0.375<br>0.500<br>0.625<br>0.750  | 2.77<br>3.40<br>6.55<br>9.53<br>12.70<br>15.88<br>19.05  | 6.36<br>7.78<br>14.63<br>20.80<br>27.06<br>32.99<br>38.59  | 9.46<br>11.56<br>21.77<br>30.97<br>40.28<br>49.12<br>57.43   | 5.345<br>5.295<br>5.047<br>4.813<br>4.563<br>4.313<br>4.063  | 135.76<br>134.50<br>128.20<br>122.24<br>115.90<br>109.54<br>103.20   |
| 6<br>150         | 6.625<br>168.3  | 5<br>10<br>STD<br>XS<br>120<br>160<br>XX                                  | 40<br>80         | 5S<br>10S<br>40S<br>80S | 0.109<br>0.134<br>0.188<br>0.280<br>0.432<br>0.562<br>0.719<br>0.864   | 2.77<br>3.40<br>4.78<br>7.11<br>10.97<br>14.27<br>18.26<br>21.95   | 7.59<br>9.30<br>12.94<br>18.99<br>28.60<br>36.43<br>45.39<br>53.21   | 11.31<br>13.83<br>19.28<br>28.26<br>42.56<br>54.21<br>67.57<br>79.22   | 6.407<br>6.357<br>6.249<br>6.065<br>5.761<br>5.501<br>5.187<br>4.897   | 162.76<br>161.50<br>158.74<br>154.08<br>146.36<br>139.76<br>131.78<br>124.40   |
| 7<br>175         | 7.625<br>193.7  | STD<br>XS<br>XX   | 40<br>80         | 40S<br>80S              | 0.301<br>0.500<br>0.875  | 7.65<br>12.70<br>22.23   | 23.57<br>38.08<br>63.14  | 35.10<br>56.69<br>94.00  | 7.023<br>6.625<br>5.875  | 178.40<br>168.30<br>149.24   |
| 8<br>200         | 8.625<br>219.1  | 10<br>20<br>30<br>STD<br>XS<br>60<br>100<br>120<br>140<br>XX<br>160       | 40<br>80         | 5S<br>10S<br>40S<br>80S | 0.109<br>0.148<br>0.250<br>0.277<br>0.322<br>0.406<br>0.500<br>0.594<br>0.719<br>0.812<br>0.875<br>0.906                   | 2.77<br>3.76<br>6.35<br>7.04<br>8.18<br>10.31<br>12.70<br>15.09<br>18.26<br>20.62<br>22.23<br>23.01                  | 9.92<br>13.41<br>22.38<br>24.72<br>28.58<br>35.67<br>43.43<br>51.00<br>60.77<br>67.82<br>72.49<br>74.76                        | 14.78<br>19.97<br>33.32<br>36.82<br>42.55<br>53.09<br>64.64<br>75.92<br>90.44<br>100.93<br>107.93<br>111.27                      | 8.407<br>8.329<br>8.125<br>8.071<br>7.981<br>7.813<br>7.625<br>7.437<br>7.187<br>7.001<br>6.875<br>6.813                                 | 213.56<br>211.58<br>206.40<br>205.02<br>202.74<br>198.48<br>193.70<br>188.92<br>182.58<br>177.86<br>174.64<br>173.08                     |
| 9<br>225         | 9.625<br>244.5  | STD<br>XS<br>XX   | 40<br>80         | 40S<br>80S              | 0.342<br>0.500<br>0.875  | 8.69<br>12.70<br>22.23   | 33.94<br>48.77<br>81.85  | 50.54<br>72.60<br>121.85   | 8.941<br>8.625<br>7.875  | 227.12<br>219.10<br>200.04   |
| 10<br>250        | 10.750<br>273.0 | 20<br>30<br>STD<br>XS<br>80<br>100<br>120<br>140<br>XX<br>160             | 40<br>60         | 5S<br>10S<br>40S<br>80S | 0.134<br>0.165<br>0.188<br>0.250<br>0.307<br>0.365<br>0.500<br>0.594<br>0.719<br>0.844<br>1.000<br>1.125                   | 3.40<br>4.19<br>4.78<br>6.35<br>7.80<br>9.27<br>12.70<br>15.09<br>18.26<br>21.44<br>25.40<br>28.58                   | 15.21<br>18.67<br>21.23<br>28.06<br>34.27<br>40.52<br>54.79<br>64.49<br>77.10<br>89.38<br>104.23<br>115.75                     | 22.61<br>27.78<br>31.62<br>41.76<br>51.01<br>60.29<br>81.53<br>95.98<br>114.71<br>133.01<br>155.10<br>172.27                     | 10.482<br>10.420<br>10.374<br>10.250<br>10.136<br>10.020<br>9.750<br>9.562<br>9.312<br>9.062<br>8.750<br>8.500                           | 266.20<br>264.62<br>263.44<br>260.30<br>257.40<br>254.46<br>247.60<br>242.82<br>236.48<br>230.12<br>222.20<br>215.84                     |
| 11<br>275        | 11.750<br>298.5 | STD<br>XS<br>XX   | 40<br>80         | 40S<br>80S              | 0.375<br>0.500<br>0.875  | 9.53<br>12.70<br>22.23   | 45.60<br>60.13<br>101.72   | 67.91<br>89.51<br>151.46   | 11.000<br>10.750<br>10.000   | 279.44<br>273.10<br>254.04   |
| 12<br>300        | 12.750<br>323.8 | 20<br>30<br>STD<br>40<br>XS<br>60<br>80<br>100<br>120<br>140<br>XX<br>160 | 40S<br>80S       | 5S<br>10S<br>40S<br>80S | 0.156<br>0.180<br>0.188<br>0.250<br>0.330<br>0.375<br>0.406<br>0.500<br>0.562<br>0.688<br>0.844<br>1.000<br>1.125<br>1.312 | 3.96<br>4.57<br>4.78<br>6.35<br>8.38<br>9.53<br>10.31<br>12.70<br>14.27<br>17.48<br>21.44<br>25.40<br>28.58<br>33.32 | 21.00<br>24.19<br>25.25<br>33.41<br>43.81<br>49.61<br>53.57<br>65.48<br>73.22<br>88.71<br>107.42<br>125.61<br>139.81<br>160.42 | 31.24<br>35.98<br>37.61<br>49.71<br>65.19<br>73.86<br>79.71<br>97.44<br>108.93<br>132.05<br>159.87<br>186.92<br>208.08<br>238.69 | 12.438<br>12.390<br>12.374<br>12.250<br>12.090<br>12.000<br>11.938<br>11.750<br>11.626<br>11.374<br>11.062<br>10.750<br>10.500<br>10.126 | 315.88<br>314.66<br>314.24<br>311.10<br>307.04<br>304.74<br>303.18<br>298.40<br>295.26<br>288.84<br>280.92<br>273.00<br>266.64<br>257.16 |
| 14<br>350        | 14.000<br>355.6 | 10<br>20<br>STD<br>40<br>XS<br>60<br>80<br>100<br>120<br>140<br>160       | 30<br>40S<br>80S | 10S<br>40S<br>80S       | 0.188<br>0.250<br>0.312<br>0.375<br>0.438<br>0.500<br>0.594<br>0.750<br>0.938<br>1.094<br>1.250<br>1.406                   | 4.78<br>6.35<br>7.92<br>9.53<br>11.13<br>12.70<br>15.09<br>19.05<br>23.83<br>27.79<br>31.75<br>35.71                 | 27.76<br>36.75<br>45.65<br>54.62<br>63.50<br>72.16<br>85.13<br>106.23<br>130.98<br>150.93<br>170.37<br>189.29                  | 41.36<br>54.69<br>67.91<br>81.33<br>94.55<br>107.40<br>126.72<br>158.11<br>194.98<br>224.66<br>253.58<br>281.72                  | 13.624<br>13.500<br>13.376<br>13.250<br>13.124<br>13.000<br>12.812<br>12.500<br>12.124<br>11.812<br>11.500<br>11.188                     | 346.04<br>342.90<br>339.76<br>336.54<br>333.34<br>330.20<br>325.42<br>317.50<br>307.94<br>300.02<br>292.10<br>284.18                     |

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## Tubes Sans Soudure / ASTM A106 API 5L Gr.B

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| Diametre nominal | ø Ext.          | Désignations  | Epaisseur   |   | Poids  |   | ø Int.   |  |
|------------------|-----------------|---|---|---|--|---|--|--|
|                  |                 |   | INCH  | MM  | LBS/ FOOT  | KG/ METER   | INCH   | MM   |
| 16<br>400        | 16.000<br>406.4 | 10 10S<br>20<br>STD 30 40S<br>XS 40 80S<br>60<br>80<br>100<br>120<br>140<br>160 | 0.188<br>0.250<br>0.312<br>0.375<br>0.500<br>0.656<br>0.844<br>1.031<br>1.219<br>1.438<br>1.594                   | 4.78<br>6.35<br>7.92<br>9.53<br>12.70<br>16.66<br>21.44<br>26.19<br>30.96<br>36.53<br>40.49                   | 31.78<br>42.09<br>52.32<br>62.64<br>82.85<br>107.60<br>136.74<br>164.98<br>192.61<br>223.85<br>245.48                    | 47.34<br>62.65<br>77.83<br>93.27<br>123.31<br>160.13<br>203.54<br>245.57<br>286.66<br>333.21<br>365.38                      | 15.624<br>15.500<br>15.376<br>15.250<br>15.000<br>14.688<br>14.312<br>13.938<br>13.562<br>13.124<br>12.812                     | 396.84<br>393.70<br>390.56<br>387.34<br>381.00<br>373.08<br>363.52<br>354.02<br>344.48<br>333.34<br>325.42                     |
| 18<br>450        | 18.000<br>457   | 10 10S<br>20<br>STD 40S<br>XS 80S<br>40<br>60<br>80<br>100<br>120<br>140<br>160 | 0.188<br>0.250<br>0.312<br>0.375<br>0.438<br>0.500<br>0.562<br>0.750<br>0.938<br>1.156<br>1.375<br>1.562<br>1.781 | 4.78<br>6.35<br>7.92<br>9.53<br>11.13<br>12.70<br>14.27<br>19.05<br>23.83<br>29.36<br>34.93<br>39.67<br>45.24 | 35.80<br>47.44<br>58.99<br>70.65<br>82.23<br>93.54<br>104.76<br>138.30<br>171.08<br>208.15<br>244.37<br>274.48<br>308.79 | 53.31<br>70.57<br>87.71<br>105.17<br>122.38<br>139.16<br>155.81<br>205.75<br>254.57<br>309.64<br>363.58<br>408.28<br>459.39 | 17.624<br>17.500<br>17.376<br>17.250<br>17.124<br>17.000<br>16.876<br>16.500<br>16.124<br>15.688<br>15.250<br>14.876<br>14.438 | 447.44<br>444.30<br>441.16<br>437.94<br>434.74<br>431.60<br>428.46<br>418.90<br>409.34<br>398.28<br>387.14<br>377.66<br>366.52 |
| 20<br>500        | 20.000<br>508   | 10 10S<br>STD 20 40S<br>XS 30 80S<br>40<br>60<br>80<br>100<br>120<br>140<br>160 | 0.218<br>0.250<br>0.375<br>0.500<br>0.594<br>0.812<br>1.031<br>1.281<br>1.500<br>1.750<br>1.969                   | 5.54<br>6.35<br>9.53<br>12.70<br>15.09<br>20.62<br>26.19<br>32.54<br>38.10<br>44.45<br>50.01                  | 46.10<br>52.78<br>78.67<br>104.23<br>123.23<br>166.56<br>209.06<br>256.34<br>296.65<br>341.41<br>379.53                  | 68.61<br>78.56<br>117.15<br>155.13<br>183.43<br>247.84<br>311.19<br>381.55<br>441.52<br>508.15<br>564.85                    | 19.564<br>19.500<br>19.250<br>19.000<br>18.812<br>18.376<br>17.938<br>17.438<br>17.000<br>16.500<br>16.062                     | 496.92<br>495.30<br>488.94<br>482.60<br>477.82<br>466.76<br>455.62<br>442.92<br>431.80<br>419.10<br>407.98                     |
| 22<br>550        | 22.000<br>559   | 10 10S<br>STD 20 40S<br>XS 30 80S<br>60<br>80<br>100<br>120<br>140<br>160       | 0.218<br>0.250<br>0.375<br>0.500<br>0.875<br>1.125<br>1.375<br>1.625<br>1.875<br>2.125                            | 5.54<br>6.35<br>9.53<br>12.70<br>22.23<br>28.58<br>34.93<br>41.28<br>47.63<br>53.98                           | 50.76<br>58.13<br>86.69<br>114.92<br>197.60<br>251.05<br>303.16<br>353.94<br>403.38<br>451.49                            | 75.55<br>86.55<br>129.14<br>171.10<br>294.27<br>373.85<br>451.45<br>527.05<br>600.67<br>672.30                              | 21.564<br>21.500<br>21.250<br>21.000<br>20.250<br>19.750<br>19.250<br>18.750<br>18.250<br>17.750                               | 547.92<br>546.30<br>539.94<br>533.60<br>514.54<br>501.84<br>489.14<br>476.44<br>463.74<br>451.04                               |

| Diametre nominal | ø Ext.         | Désignations   | Epaisseur   |   | Poids  |   | ø Int.   |  |
|------------------|----------------|--|---|---|--|---|--|--|
|                  |                |  | INCH  | MM  | LBS/ FOOT  | KG/ METER   | INCH   | MM   |
| 24<br>600        | 24.000<br>610  | 10 10S<br>STD 20 40S<br>XS 80S<br>30<br>40<br>60<br>80<br>100<br>120<br>140<br>160 | 0.250<br>0.375<br>0.500<br>0.562<br>0.688<br>0.969<br>1.219<br>1.531<br>1.812<br>2.062<br>2.344 | 6.35<br>9.53<br>12.70<br>14.27<br>17.48<br>24.61<br>30.96<br>38.89<br>46.02<br>52.37<br>59.54 | 63.47<br>94.71<br>125.61<br>140.81<br>171.45<br>238.57<br>296.86<br>367.74<br>429.79<br>483.57<br>542.64 | 94.53<br>141.12<br>187.07<br>209.65<br>255.43<br>355.28<br>442.11<br>547.74<br>640.07<br>720.19<br>808.27 | 23.500<br>23.250<br>23.000<br>22.876<br>22.624<br>22.062<br>21.562<br>20.938<br>20.376<br>19.876<br>19.312 | 597.30<br>590.94<br>584.60<br>581.46<br>575.04<br>560.78<br>548.08<br>532.22<br>517.96<br>505.26<br>490.92 |
| 26<br>650        | 26.000<br>660  | 10 10S<br>STD 40S<br>XS 80S  | 0.312<br>0.375<br>0.500   | 7.92<br>9.53<br>12.70   | 85.68<br>102.72<br>136.30  | 127.36<br>152.88<br>202.74  | 25.376<br>25.250<br>25.000   | 644.16<br>640.94<br>634.60   |
| 28<br>700        | 28.000<br>711  | 10 10S<br>STD 40S<br>XS 20 80S<br>30   | 0.312<br>0.375<br>0.500<br>0.625  | 7.92<br>9.53<br>12.70<br>15.88  | 92.35<br>110.74<br>146.99<br>182.90  | 137.32<br>164.86<br>218.71<br>272.23  | 27.376<br>27.250<br>27.000<br>26.750   | 695.16<br>691.94<br>685.60<br>679.24   |
| 30<br>750        | 30.000<br>762  | 10 10S<br>STD 40S<br>XS 20 80S<br>30   | 0.312<br>0.375<br>0.500<br>0.625  | 7.92<br>9.53<br>12.70<br>15.88  | 99.02<br>118.76<br>157.68<br>196.26  | 147.29<br>176.85<br>234.68<br>292.20  | 29.376<br>29.250<br>29.000<br>28.750   | 746.16<br>742.94<br>736.60<br>730.24   |
| 32<br>800        | 32.000<br>813  | 10 10S<br>STD 40S<br>XS 20 80S<br>30<br>40   | 0.312<br>0.375<br>0.500<br>0.625<br>0.688   | 7.92<br>9.53<br>12.70<br>15.88<br>17.48   | 105.69<br>126.78<br>168.37<br>209.62<br>230.29   | 157.25<br>188.83<br>250.65<br>312.17<br>342.94  | 31.376<br>31.250<br>31.000<br>30.750<br>30.624   | 797.16<br>793.94<br>787.60<br>781.24<br>778.04   |
| 34<br>850        | 34.000<br>864  | 10 10S<br>STD 40S<br>XS 20 80S<br>30<br>40   | 0.312<br>0.375<br>0.500<br>0.625<br>0.688   | 7.92<br>9.53<br>12.70<br>15.88<br>17.48   | 112.36<br>134.79<br>179.06<br>222.99<br>245.00   | 167.21<br>200.82<br>266.63<br>332.14<br>364.92  | 33.376<br>33.250<br>33.000<br>32.750<br>32.624   | 848.16<br>844.94<br>838.60<br>832.24<br>829.04   |
| 36<br>900        | 36.000<br>914  | 10 10S<br>STD 40S<br>XS  | 0.312<br>0.375<br>0.500   | 7.92<br>9.53<br>12.70   | 119.03<br>142.81<br>189.75   | 176.97<br>212.57<br>282.29  | 35.376<br>35.250<br>35.000   | 898.16<br>894.94<br>888.60   |
| 42<br>1050       | 42.000<br>1067 | STD 40S<br>XS  | 0.375<br>0.500<br>0.625<br>0.750  | 9.53<br>12.70<br>15.88<br>19.05   | 166.86<br>221.82<br>276.44<br>330.72   | 248.53<br>330.21<br>411.64<br>492.33  | 41.250<br>41.000<br>40.750<br>40.500   | 1047.94<br>1041.60<br>1035.24<br>1028.90   |
| 48<br>1200       | 48.000<br>1219 | STD 40S<br>XS  | 0.375<br>0.500  | 9.53<br>12.70   | 190.92<br>253.89   | 284.25<br>377.81  | 47.250<br>47.000   | 1199.94<br>1193.60   |