

nerūsajuosia steel

perleburjalis taurais

stainless steel

seamless tubes  
caurules bezšuvju  
трубы бесшовные

| outs.diam.<br>ārežais diam.<br>наружный diam.<br>mm | wall thckn<br>x sienīgas biez.<br>толщина стeнки<br>mm | inside diam.<br>iekšējais diam.<br>внутренний<br>diam.<br>mm | INCH<br>dimension<br>izmērs<br>размер | weight. Theor.<br>svars<br>вес<br>kg/m | 304/304L<br>1.4301/4307 |    |    | 321<br>1.4541 |    |    | 316/316L<br>1.4401/4404 |    |    | 316Ti<br>1.4571 |    | 904L<br>1.4539 |    | 310H/S<br>1.4841/5 |    |
|---|--|--|---------------------------------------|--|-------------------------|----|----|---------------|----|----|-------------------------|----|----|-----------------|----|----------------|----|--------------------|----|
|   |  |  |                                       |  | gg                      | ba | hd | 99            | ba | hd | gg                      | ba | hd | gg              | ba | gg             | ba | gg                 | ba |
|   |  |  |                                       |  |                         |    |    |               |    |    |                         |    |    |                 |    |                |    |                    |    |
| 0.300 x 0.075                                       |  | 0.150  |                                       | 0.0004                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 0.400 x 0.010                                       |  | 0.200  |                                       | 0.0001                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 0.500 x 0.125                                       |  | 0.250  |                                       | 0.0012                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 0.500 x 0.150                                       |  | 0.200  |                                       | 0.0013                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 0.600 x 0.125                                       |  | 0.350  |                                       | 0.0015                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 0.600 x 0.150                                       |  | 0.300  |                                       | 0.0017                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 0.650 x 0.200                                       |  | 0.250  |                                       | 0.0023                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 0.700 x 0.150                                       |  | 0.400  |                                       | 0.0021                                 |                         |    |    |               |    |    |                         | x  |    |                 |    |                |    |                    |    |
| 0.700 x 0.175                                       |  | 0.350  |                                       | 0.0023                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 0.800 x 0.175                                       |  | 0.450  |                                       | 0.0027                                 |                         |    |    |               |    |    |                         | x  |    |                 |    |                |    |                    |    |
| 0.900 x 0.200                                       |  | 0.500  |                                       | 0.0035                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 1.000 x 0.050                                       |  | 0.900  |                                       | 0.0012                                 |                         |    |    |               |    |    |                         | x  |    |                 |    |                |    |                    |    |
| 1.000 x 0.150                                       |  | 0.700  |                                       | 0.0032                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 1.000 x 0.200                                       |  | 0.600  |                                       | 0.0040                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 1.000 x 0.250                                       |  | 0.500  |                                       | 0.0047                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 1.000 x 0.300                                       |  | 0.400  |                                       | 0.0053                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 1.100 x 0.200                                       |  | 0.700  |                                       | 0.0045                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 1.200 x 0.200                                       |  | 0.800  |                                       | 0.0050                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 1.300 x 0.225                                       |  | 0.850  |                                       | 0.0061                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 1.400 x 0.200                                       |  | 1.000  |                                       | 0.0060                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 1.500 x 0.150                                       |  | 1.200  |                                       | 0.0051                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 1.500 x 0.200                                       |  | 1.100  |                                       | 0.0065                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 1.500 x 0.250                                       |  | 1.000  |                                       | 0.0078                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 1.500 x 0.350                                       |  | 0.800  |                                       | 0.0101                                 |                         |    |    |               | x  |    |                         |    |    |                 |    |                |    |                    |    |
| 1.590 x 0.400                                       |  | 0.790  | 1/16" x 0.016"                        | 0.0119                                 |                         |    |    |               |    |    |                         | e  |    |                 |    |                |    |                    |    |
| 1.590 x 0.510                                       |  | 0.570  | 1/16" x 0.020"                        | 0.0138                                 |                         |    |    |               |    |    |                         | e  |    |                 |    |                |    |                    |    |
| 1.590 x 0.640                                       |  | 0.310  | 1/16" x 0.025"                        | 0.0152                                 |                         |    |    |               |    |    |                         | e  |    |                 |    |                |    |                    |    |
| 1.600 x 0.200                                       |  | 1.200  |                                       | 0.0070                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 1.600 x 0.300                                       |  | 1.000  |                                       | 0.0098                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 1.700 x 0.300                                       |  | 1.100  |                                       | 0.0105                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 1.800 x 0.200                                       |  | 1.400  |                                       | 0.0080                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 1.800 x 0.400                                       |  | 1.000  |                                       | 0.0140                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 1.900 x 0.280                                       |  | 1.340  |                                       | 0.0114                                 |                         |    |    |               |    | o  |                         |    |    |                 |    |                |    |                    |    |
| 1.900 x 0.300                                       |  | 1.300  |                                       | 0.0120                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 2.000 x 0.200                                       |  | 1.600  |                                       | 0.0090                                 |                         |    |    |               | x  | x  |                         |    |    |                 |    |                |    |                    |    |
| 2.000 x 0.250                                       |  | 1.500  |                                       | 0.0110                                 |                         |    |    |               | x  |    |                         |    |    |                 |    |                |    |                    |    |
| 2.000 x 0.500                                       |  | 1.000  |                                       | 0.0188                                 |                         |    |    |               | x  | x  |                         |    |    |                 |    |                |    |                    |    |
| 2.200 x 0.350                                       |  | 1.500  |                                       | 0.0162                                 |                         |    |    |               |    |    |                         | x  |    |                 |    |                |    |                    |    |
| 2.200 x 0.500                                       |  | 1.200  |                                       | 0.0213                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 2.400 x 0.400                                       |  | 1.600  |                                       | 0.0200                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 2.500 x 0.200                                       |  | 2.100  |                                       | 0.0115                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 2.500 x 0.250                                       |  | 2.000  |                                       | 0.0141                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 2.500 x 0.300                                       |  | 1.900  |                                       | 0.0165                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 2.500 x 0.400                                       |  | 1.700  |                                       | 0.0210                                 |                         |    |    |               | x  | x  |                         |    |    |                 |    |                |    |                    |    |
| 2.500 x 0.500                                       |  | 1.500  |                                       | 0.0250                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 2.800 x 0.400                                       |  | 2.000  |                                       | 0.0240                                 |                         |    |    |               |    | x  |                         |    |    |                 |    |                |    |                    |    |
| 3.000 x 0.200                                       |  | 2.600  |                                       | 0.0140                                 |                         |    |    |               |    | x  |                         |    |    | x               |    |                |    |                    |    |
| 3.000 x 0.250                                       |  | 2.500  |                                       | 0.0172                                 |                         |    |    |               |    | x  |                         |    |    | x               |    |                |    |                    |    |
| 3.000 x 0.500                                       |  | 2.000  |                                       | 0.0313                                 |                         |    |    |               |    | x  |                         |    | x  | x               |    |                |    |                    |    |



нержавеющая сталь  
 nerodnaja stal  
 stainless steel

ASTM-A 312 or ASTM-A 269  
 or DIN 17456 or DIN 17458/DIN 1127 or SEW 470  
 Random lengths / garums / длина abt. 4-7 meter  
 length / garums / длина from 0.30-1.00mm ca. 2-3m  
 from 1.00-5.50mm ca. 3-4m above 5.50mm ca. 4-7m  
 gg = annealed and pickled  
 ba = bright annealed  
 hd = bright-harddrawn

| outs.diam.<br>ārējais diam.<br>наружный диам.<br>mm | x | wall thckn<br>sienukas biez.<br>толщина стенки<br>mm | inside diam.<br>iekšējais diam.<br>внутренней диам.<br>mm | INCH-GAS-SCH<br>size<br>izmērs | weight theor.<br>svars<br>вес<br>kg/m | 304/304L<br>1.4301/1.4307 |    |    | 321<br>1.4541 |    |    | 316/316L<br>1.4401/1.4404 |    |    | 316Ti<br>1.4571 |    | 904L<br>1.4539 |    | 310HS<br>1.4841/5 |    |
|---|---|--|---|--------------------------------|---------------------------------------|---------------------------|----|----|---------------|----|----|---------------------------|----|----|-----------------|----|----------------|----|-------------------|----|
|   |   |  |   |                                |                                       | 99                        | ba | hd | 99            | ba | hd | 99                        | ba | hd | 99              | ba | 99             | ba | 99                | ba |
| 9.53  | x | 0.51   | 8.51  | 3/8" x 0.020"                  | 0.282                                 |                           | x  |    | e             |    |    | x                         |    |    |                 |    |                |    |                   |    |
| 9.53  | x | 0.71   | 8.11  | 3/8" x 0.028"                  | 0.157                                 |                           | x  |    |               |    |    | x                         | x  |    |                 |    |                |    |                   |    |
| 9.53  | x | 0.89   | 7.75  | 3/8" x 0.035"                  | 0.193                                 | x                         | x  |    |               |    |    | x                         | x  |    |                 |    |                |    |                   |    |
| 9.53  | x | 1.24   | 7.05  | 3/8" x 0.049"                  | 0.257                                 | x                         | x  |    |               |    |    | x                         | x  |    |                 |    |                |    |                   |    |
| 9.53  | x | 1.65   | 6.23  | 3/8" x 0.065"                  | 0.326                                 | x                         | x  |    |               |    |    | x                         | x  |    |                 |    |                |    |                   |    |
| 9.53  | x | 2.03   | 5.47  | 3/8" x 0.080"                  | 0.361                                 |                           |    |    | e             |    |    |                           |    |    |                 |    |                |    |                   |    |
| 9.53  | x | 2.11   | 5.31  | 3/8" x 0.083"                  | 0.392                                 |                           |    |    |               |    |    |                           |    |    |                 |    |                |    |                   | o  |
| 10.00   | x | 0.50   | 9.00  |                                | 0.119                                 | x                         |    |    |               |    |    | x                         |    | x  |                 |    |                |    |                   |    |
| 10.00   | x | 1.00   | 8.00  |                                | 0.225                                 | x                         | x  |    | e             | e  |    | x                         | x  |    | x               |    |                |    |                   | o  |
| 10.00   | x | 1.50   | 7.00  |                                | 0.319                                 | x                         | x  |    | e             | e  |    | x                         | x  |    | x               |    |                |    |                   | o  |
| 10.00   | x | 2.00   | 6.00  |                                | 0.401                                 | x                         | x  |    | e             | e  |    | x                         | x  |    | x               |    |                |    |                   | o  |
| 10.00   | x | 2.50   | 5.00  |                                | 0.470                                 | e                         |    |    | e             | e  |    | x                         | x  |    |                 |    |                |    |                   |    |
| 10.20   | x | 1.60   | 7.00  | 1/8" SCH 5S                    | 0.345                                 | x                         |    |    |               |    |    |                           |    |    | x               |    |                |    |                   |    |
| 10.20   | x | 2.00   | 6.20  | 1/8" GAS                       | 0.411                                 | x                         |    |    |               |    |    | x                         |    |    |                 |    |                |    |                   |    |
| 10.29   | x | 1.24   | 7.81  | 1/8" SCH 10S                   | 0.281                                 | x                         |    |    |               |    |    | x                         |    |    |                 |    |                |    |                   |    |
| 10.29   | x | 1.73   | 6.83  | 1/8" SCH 40S                   | 0.371                                 | x                         |    |    |               |    |    | x                         |    |    |                 |    |                |    |                   |    |
| 10.29   | x | 2.41   | 5.47  | 1/8" SCH 80S                   | 0.476                                 | x                         |    |    |               |    |    | x                         |    |    |                 |    |                |    |                   |    |
| 11.00   | x | 0.50   | 10.00   |                                | 0.131                                 |                           |    | x  |               |    |    |                           |    |    |                 |    |                |    |                   |    |
| 11.00   | x | 1.00   | 9.00  |                                | 0.250                                 | x                         |    |    | e             |    |    | x                         | x  |    |                 |    |                |    |                   |    |
| 11.00   | x | 1.50   | 8.00  |                                | 0.357                                 | e                         |    |    |               |    |    | x                         |    |    |                 |    |                |    |                   |    |
| 11.00   | x | 2.00   | 7.00  |                                | 0.451                                 |                           |    |    | e             |    |    | x                         | x  |    |                 |    |                |    |                   |    |
| 12.00   | x | 0.25   | 11.50   |                                | 0.074                                 |                           |    |    |               |    |    |                           |    |    |                 |    |                |    |                   |    |
| 12.00   | x | 0.50   | 11.00   |                                | 0.144                                 |                           |    |    |               |    |    |                           |    | x  |                 |    |                |    |                   |    |
| 12.00   | x | 1.00   | 10.00   |                                | 0.275                                 | x                         | x  |    | e             | e  |    | x                         | x  | x  | x               |    |                |    |                   | o  |
| 12.00   | x | 1.50   | 9.00  |                                | 0.394                                 | x                         | x  |    | e             | e  |    | x                         | x  |    | x               |    |                |    |                   | o  |
| 12.00   | x | 2.00   | 8.00  |                                | 0.501                                 | x                         | x  |    |               |    |    | x                         | x  |    | x               |    |                |    |                   | o  |
| 12.00   | x | 2.50   | 7.00  |                                | 0.595                                 | x                         | x  |    |               |    |    | e                         | x  | x  |                 | x  |                |    |                   |    |
| 12.00   | x | 3.00   | 6.00  |                                | 0.676                                 | x                         | x  |    |               |    |    | e                         | x  | x  |                 |    |                |    |                   |    |
| 12.70   | x | 0.51   | 11.68   | 1/2" x 0.020"                  | 0.156                                 |                           |    |    |               |    |    |                           |    |    |                 |    |                |    |                   |    |
| 12.70   | x | 0.65   | 11.40   | 1/2" x 0.022"                  | 0.196                                 |                           |    |    |               |    |    |                           |    |    |                 |    |                |    |                   |    |
| 12.70   | x | 0.71   | 11.29   | 1/2" x 0.028"                  | 0.213                                 |                           | x  |    |               |    |    | x                         | x  | x  |                 |    |                |    |                   |    |
| 12.70   | x | 0.89   | 10.92   | 1/2" x 0.035"                  | 0.263                                 | x                         | x  |    |               |    |    | x                         | x  | x  |                 |    |                |    |                   | o  |
| 12.70   | x | 1.24   | 10.22   | 1/2" x 0.049"                  | 0.356                                 | x                         | x  |    |               |    |    | x                         | x  |    |                 |    |                |    |                   | o  |
| 12.70   | x | 1.65   | 9.40  | 1/2" x 0.065"                  | 0.457                                 | x                         | x  |    |               |    |    | x                         | x  |    |                 |    |                |    |                   | o  |
| 12.70   | x | 2.11   | 8.48  | 1/2" x 0.083"                  | 0.560                                 | x                         | x  |    |               |    |    | x                         | x  |    |                 |    |                |    |                   | o  |
| 13.00   | x | 0.25   | 12.50   |                                | 0.080                                 |                           |    |    |               |    |    | x                         |    |    |                 |    |                |    |                   |    |
| 13.00   | x | 0.50   | 12.00   |                                | 0.157                                 |                           |    |    |               |    |    |                           |    |    |                 |    |                |    |                   |    |
| 13.00   | x | 1.00   | 11.00   |                                | 0.300                                 | x                         |    |    |               |    |    | x                         |    |    |                 |    |                |    |                   | e  |
| 13.00   | x | 1.50   | 10.00   |                                | 0.432                                 | x                         |    |    |               |    |    | x                         |    |    |                 |    |                |    |                   | e  |
| 13.50   | x | 1.60   | 10.30   |                                | 0.477                                 |                           |    |    |               |    |    |                           |    |    |                 |    |                |    |                   | e  |
| 13.50   | x | 2.30   | 8.90  | 1/4" GAS                       | 0.645                                 |                           |    |    |               |    |    |                           |    |    |                 |    |                |    |                   | e  |
| 13.72   | x | 1.65   | 10.42   | 1/4" SCH 10S                   | 0.499                                 | x                         |    |    |               |    |    | x                         |    |    | x               |    |                |    |                   |    |
| 13.72   | x | 2.24   | 9.24  | 1/4" SCH 40S                   | 0.644                                 | x                         |    |    |               |    |    | x                         |    |    |                 |    |                |    |                   |    |
| 13.72   | x | 3.02   | 7.68  | 1/4" SCH 80S                   | 0.809                                 | x                         |    |    |               |    |    | x                         |    |    |                 |    |                |    |                   |    |
| 14.00   | x | 1.00   | 12.00   |                                | 0.326                                 | x                         |    |    |               |    |    |                           |    |    | x               |    |                |    |                   |    |
| 14.00   | x | 1.50   | 11.00   |                                | 0.470                                 | x                         |    |    |               |    |    | x                         |    |    | x               |    |                |    |                   |    |
| 14.00   | x | 2.00   | 10.00   |                                | 0.601                                 | x                         |    |    |               |    |    | e                         |    |    | x               |    |                |    |                   | x  |
| 14.00   | x | 2.50   | 9.00  |                                | 0.720                                 | x                         |    |    |               |    |    | x                         |    |    | x               |    |                |    |                   | x  |
| 14.00   | x | 3.00   | 8.00  |                                | 0.826                                 | x                         |    |    |               |    |    | x                         |    |    | x               |    |                |    |                   | x  |
| 15.00   | x | 1.00   | 13.00   |                                | 0.351                                 |                           |    |    |               |    |    | e                         |    |    | x               |    |                |    |                   | x  |
| 15.00   | x | 1.50   | 12.00   |                                | 0.507                                 | x                         |    |    |               |    |    | e                         |    |    | x               |    |                |    |                   | x  |
| 15.00   | x | 2.00   | 11.00   |                                | 0.651                                 | x                         |    |    |               |    |    | e                         |    |    | x               |    |                |    |                   | x  |

nerodinamoji stalys /  
 welded stainless steel  
 неваренные стальные  
 сварные

| outs diam.<br>ārējais diam.<br>наружный диам.<br>mm | x      | wall thckn<br>sienības biez.<br>толщина стенки<br>mm | inside diam.<br>iekšējais diam.<br>внутренний диам.<br>mm | INCH-GAS-SCH<br>size<br>izmērs | weight theor.<br>svars<br>вес<br>kg/m | 304/304L<br>1.4301/1.4307 |        |       | 321<br>1.4541 |    |       | 316/316L<br>1.4401/1.4404 |    |    | 316Ti<br>1.4571 |    | 904L<br>1.4539 |    | 310H/S<br>1.4841/5 |    |
|---|--------|--|---|--------------------------------|---------------------------------------|---------------------------|--------|-------|---------------|----|-------|---------------------------|----|----|-----------------|----|----------------|----|--------------------|----|
|   |        |  |   |                                |                                       | gg                        | ba     | hd    | gg            | ba | hd    | gg                        | ba | hd | gg              | ba | gg             | ba | gg                 | ba |
|   |        |  |   |                                |                                       | 15.00                     | x 2.50 | 10.00 |               |    | 0.763 | x                         |    |    |                 |    |                |    |                    |    |
| 15.00   | x 3.00 | 9.00   |   |                                | 0.901                                 | x                         |        |       |               |    |       |                           |    |    | x               |    |                |    |                    |    |
| 15.88   | x 1.24 | 13.40  |   | 5/8" x 0.049"                  | 0.455                                 | e                         |        |       |               |    | e     |                           |    |    |                 |    |                |    |                    |    |
| 15.88   | x 2.11 | 11.66  |   | 5/8" x 0.083"                  | 0.728                                 | e                         |        |       |               |    | e     |                           |    |    |                 |    |                |    |                    |    |
| 16.00   | x 1.00 | 14.00  |   |                                | 0.376                                 | x                         |        |       |               |    | x     |                           |    |    | x               |    |                |    |                    |    |
| 16.00   | x 1.50 | 13.00  |   |                                | 0.545                                 | x                         |        |       |               |    | x     |                           |    |    | x               |    |                |    |                    |    |
| 16.00   | x 2.00 | 12.00  |   |                                | 0.701                                 | x                         |        |       |               | e  |       |                           |    |    | x               |    |                |    |                    |    |
| 16.00   | x 2.50 | 11.00  |   |                                | 0.845                                 | x                         |        |       |               | e  |       |                           |    |    | x               |    |                |    |                    |    |
| 16.00   | x 3.00 | 10.00  |   |                                | 0.977                                 | x                         |        |       |               | e  |       |                           |    |    | x               |    |                |    |                    |    |
| 17.15   | x 1.65 | 13.85  |   | 3/8" SCH 10S                   | 0.640                                 | x                         |        |       |               |    | x     |                           |    |    |                 |    |                |    |                    |    |
| 17.15   | x 2.31 | 12.53  |   | 3/8" SCH 40S                   | 0.858                                 | x                         |        |       |               |    | x     |                           |    |    |                 |    |                | e  |                    |    |
| 17.15   | x 3.20 | 10.75  |   | 3/8" SCH 80S                   | 1.118                                 | x                         |        |       |               |    | x     |                           |    |    |                 |    |                | e  |                    |    |
| 17.20   | x 2.35 | 12.50  |   | 3/8" GAS                       | 0.874                                 | x                         |        |       |               |    | x     |                           |    |    | x               |    |                |    |                    |    |
| 18.00   | x 1.00 | 16.00  |   |                                | 0.426                                 | x                         |        |       |               |    | x     |                           |    |    | x               |    |                |    |                    |    |
| 18.00   | x 1.50 | 15.00  |   |                                | 0.620                                 | x                         |        |       |               | e  |       |                           |    |    | x               |    |                |    |                    |    |
| 18.00   | x 2.00 | 14.00  |   |                                | 0.801                                 | x                         |        |       |               | e  |       |                           |    |    | x               |    |                |    |                    |    |
| 18.00   | x 2.50 | 13.00  |   |                                | 0.970                                 | x                         |        |       |               |    |       |                           |    |    | x               |    |                |    |                    |    |
| 18.00   | x 3.00 | 12.00  |   |                                | 1.127                                 | x                         |        |       |               |    |       |                           |    |    | x               |    |                |    |                    |    |
| 18.00   | x 4.00 | 10.00  |   |                                | 1.402                                 | x                         |        |       |               |    |       |                           |    |    | e               |    |                |    |                    |    |
| 19.05   | x 0.89 | 17.27  |   | 3/4" x 0.035"                  | 0.405                                 |                           |        |       |               |    |       | x                         |    |    |                 |    |                |    |                    |    |
| 19.05   | x 1.24 | 16.57  |   | 3/4" x 0.049"                  | 0.553                                 | x                         |        |       |               |    |       | x                         |    |    |                 |    |                |    |                    |    |
| 19.05   | x 1.65 | 15.75  |   | 3/4" x 0.065"                  | 0.719                                 | x                         |        |       |               |    |       | x                         |    |    |                 |    |                |    |                    |    |
| 19.05   | x 2.11 | 14.83  |   | 3/4" x 0.083"                  | 0.895                                 | x                         |        |       |               |    |       | x                         |    |    |                 |    |                |    |                    |    |
| 20.00   | x 1.00 | 18.00  |   |                                | 0.476                                 | x                         |        |       |               |    | e     |                           |    |    | x               |    |                |    |                    |    |
| 20.00   | x 1.50 | 17.00  |   |                                | 0.695                                 | x                         |        |       |               |    | e     |                           |    |    | x               |    |                |    |                    |    |
| 20.00   | x 2.00 | 16.00  |   |                                | 0.901                                 | x                         |        |       |               |    | e     |                           |    |    | x               |    |                |    |                    | e  |
| 20.00   | x 2.50 | 15.00  |   |                                | 1.096                                 | x                         |        |       |               |    | e     |                           |    |    | x               |    |                |    |                    |    |
| 20.00   | x 3.00 | 14.00  |   |                                | 1.277                                 | x                         |        |       |               |    | e     |                           |    |    | x               |    |                |    |                    |    |
| 20.00   | x 4.00 | 12.00  |   |                                | 1.603                                 | x                         |        |       |               |    | e     |                           |    |    | x               |    |                |    |                    |    |
| 20.00   | x 5.00 | 10.00  |   |                                | 1.878                                 | x                         |        |       |               |    | e     |                           |    |    | x               |    |                |    |                    |    |
| 21.30   | x 2.00 | 17.30  |   |                                | 0.967                                 | x                         |        |       |               |    | e     |                           |    |    | x               |    |                |    |                    | e  |
| 21.30   | x 2.65 | 16.00  |   | 1/2" GAS                       | 1.238                                 | x                         |        |       |               |    | e     |                           |    |    | x               |    |                |    |                    | e  |
| 21.30   | x 2.90 | 15.50  |   |                                | 1.336                                 |                           |        |       |               |    | e     |                           |    |    |                 |    |                |    |                    |    |
| 21.30   | x 3.20 | 14.90  |   |                                | 1.450                                 | e                         |        |       |               |    | e     |                           |    |    |                 |    |                |    |                    |    |
| 21.34   | x 2.11 | 17.12  |   | 1/2" SCH 10S                   | 1.016                                 | x                         |        |       |               |    |       | x                         |    |    |                 |    |                | e  |                    |    |
| 21.34   | x 2.77 | 15.80  |   | 1/2" SCH 40S                   | 1.288                                 | x                         |        |       |               |    |       | x                         |    |    |                 |    |                | e  |                    | e  |
| 21.34   | x 3.73 | 13.88  |   | 1/2" SCH 80S                   | 1.645                                 | x                         |        |       |               | e  |       |                           |    |    | e               |    |                | e  |                    | e  |
| 21.34   | x 4.78 | 11.78  |   | 1/2" SCH 160                   | 1.982                                 | x                         |        |       |               |    |       | x                         |    |    |                 |    |                |    |                    |    |
| 21.34   | x 7.47 | 6.40   |   | 1/2" SCH xxS                   | 2.594                                 | x                         |        |       |               |    |       | x                         |    |    |                 |    |                |    |                    |    |
| 22.00   | x 1.00 | 20.00  |   |                                | 0.526                                 | x                         |        |       |               |    |       |                           |    |    |                 |    |                |    |                    |    |
| 22.00   | x 1.50 | 19.00  |   |                                | 0.770                                 | x                         |        |       |               |    | e     |                           |    |    | x               |    |                |    |                    |    |
| 22.00   | x 2.00 | 18.00  |   |                                | 1.002                                 | x                         |        |       |               |    | e     |                           |    |    | x               |    |                |    |                    | e  |
| 22.00   | x 3.00 | 16.00  |   |                                | 1.427                                 | x                         |        |       |               |    | e     |                           |    |    |                 |    |                |    |                    |    |
| 22.00   | x 4.00 | 14.00  |   |                                | 1.803                                 | e                         |        |       |               |    | e     |                           |    |    |                 |    |                |    |                    |    |
| 25.00   | x 1.00 | 23.00  |   |                                | 0.601                                 | e                         |        |       |               |    | e     |                           |    |    |                 |    |                |    |                    |    |
| 25.00   | x 1.50 | 22.00  |   |                                | 0.883                                 | x                         |        |       |               |    | e     |                           |    |    | x               |    |                |    |                    |    |
| 25.00   | x 2.00 | 21.00  |   |                                | 1.152                                 | x                         |        |       |               |    | e     |                           |    |    | x               |    |                |    |                    |    |
| 25.00   | x 2.50 | 20.00  |   |                                | 1.409                                 | x                         |        |       |               |    |       | x                         |    |    | x               |    |                |    |                    |    |
| 25.00   | x 3.00 | 19.00  |   |                                | 1.653                                 | x                         |        |       |               |    | e     |                           |    |    | x               |    |                |    |                    |    |
| 25.00   | x 4.00 | 17.00  |   |                                | 2.103                                 | x                         |        |       |               |    | e     |                           |    |    | x               |    |                |    |                    |    |
| 25.00   | x 5.00 | 15.00  |   |                                | 2.504                                 | x                         |        |       |               |    |       |                           |    |    | x               |    |                |    |                    |    |
| 25.40   | x 1.24 | 22.92  |   | 1" x 0.049"                    | 0.750                                 | x                         |        |       |               |    |       |                           |    |    |                 |    |                |    |                    |    |

ASTM-A 312 or ASTM-A 269  
 or DIN 17456 or DIN 17458/DIN 1127 or SEW 470

Random lengths / garums / длина abt. 4-7 meter  
 length / garums / длина from 0.30-1.00mm ca. 2-3  
 from 1.00-5.50mm ca. 3-4m above 5.50mm ca. 4-

gg = annealed and pickled  
 ba = bright annealed  
 hd = bright-harddrawn





