

## DIAMETER

| Diameter according to DIN 5401 |       | Weight per 1.000 pcs (material 1.3505) | Quantity per kg (material 1.3505) |
|--------------------------------|-------|----------------------------------------|-----------------------------------|
| mm                             | inch  |                                        |                                   |
| 0,397                          | 1/64" | 0,00026                                | --                                |
| 0,500                          | --    | 0,00051                                | 1.947.000                         |
| 0,794                          | 1/32" | 0,0021                                 | 476.190                           |
| 1,000                          | --    | 0,0041                                 | 243.900                           |
| 1,191                          | 3/64" | 0,0073                                 | 136.980                           |
| 1,500                          | --    | 0,0138                                 | 72.460                            |
| 1,588                          | 1/16" | 0,0164                                 | 60.980                            |
| 2,000                          | --    | 0,0326                                 | 30.670                            |
| 2,381                          | 3/32" | 0,0560                                 | 17.860                            |
| 2,500                          | --    | 0,0638                                 | 15.670                            |
| 2,778                          | 7/64" | 0,0825                                 | 12.120                            |
| 3,000                          | --    | 0,1103                                 | 9.070                             |
| 3,175                          | 1/8"  | 0,1301                                 | 7.690                             |
| 3,500                          | --    | 0,1762                                 | 5.675                             |
| 3,969                          | 5/32" | 0,2553                                 | 3.920                             |
| 4,000                          | --    | 0,2630                                 | 3.802                             |
| 4,500                          | --    | 0,3745                                 | 2.670                             |
| 4,762                          | 3/16" | 0,4412                                 | 2.270                             |
| 5,000                          | --    | 0,5138                                 | 1.946                             |
| 5,556                          | 7/32" | 0,7028                                 | 1.420                             |
| 6,000                          | --    | 0,8878                                 | 1.126                             |
| 6,350                          | 1/4"  | 1,021                                  | 980                               |
| 6,500                          | --    | 1,129                                  | 885                               |
| 7,000                          | --    | 1,409                                  | 712                               |
| 7,144                          | 9/32" | 1,498                                  | 665                               |
| 7,500                          | --    | 1,734                                  | 567                               |
| 7,938                          | 5/16" | 2,056                                  | 485                               |
| 8,000                          | --    | 2,104                                  | 475                               |
| 8,500                          | --    | 2,524                                  | 396                               |

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| mm                             | inch   |                                         |                                   |
| 8,731                          | 11/32" | 2,658                                   | 375                               |
| 9,000                          | --     | 2,996                                   | 334                               |
| 9,525                          | 3/8"   | 3,554                                   | 280                               |
|                                |        | Weight per 100 pcs. (material 1.3505)   |                                   |
| 10,000                         | --     | 0,4110                                  | 243                               |
| 10,319                         | 13/32" | 0,4434                                  | 225                               |
| 11,000                         | --     | 0,5471                                  | 185                               |
| 11,112                         | 7/16"  | 0,5641                                  | 177                               |
| 11,906                         | 15/32" | 0,6931                                  | 144                               |
| 12,000                         | --     | 0,7102                                  | 141                               |
| 12,700                         | 1/2"   | 0,8420                                  | 119                               |
| 13,000                         | --     | 0,903                                   | 110.69                            |
| 13,494                         | 17/32" | 1,010                                   | 99                                |
| 14,000                         | --     | 1,128                                   | 88.58                             |
| 14,288                         | 9/16"  | 1,202                                   | 83                                |
| 15,000                         | --     | 1,387                                   | 72                                |
| 15,081                         | 19/32" | 1,413                                   | 71                                |
| 15,875                         | 5/8"   | 1,649                                   | 61                                |
| 16,000                         | --     | 1,684                                   | 59                                |
| 16,669                         | 21/32" | 1,906                                   | 52                                |
| 17,000                         | --     | 2,019                                   | 49                                |
| 17,462                         | 11/16" | 2,187                                   | 46                                |
| 18,000                         | --     | 2,397                                   | 41.70                             |
| 18,256                         | 23/32" | 2,501                                   | 40                                |
| 19,050                         | 3/4"   | 2,842                                   | 35                                |
| 19,844                         | 25/32" | 3,239                                   | 31                                |
| 20,000                         | --     | 3,288                                   | 30.38                             |
| 20,638                         | 13/16" | 3,618                                   | 28                                |
| 21,000                         | --     | 3,808                                   | 26.26                             |
| 21,431                         | 27/32" | 4,065                                   | 24                                |

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| mm                             | inch     |                                       |                                   |
| 22,000                         | --       | 4,377                                 | 23                                |
| 22,225                         | 7/8"     | 4,512                                 | 22                                |
| 23,000                         | --       | 5,001                                 | 19.97                             |
| 23,019                         | 29/32"   | 5,015                                 | 20                                |
| 23,812                         | 15/16"   | 5,550                                 | 18                                |
| 24,000                         | --       | 5,682                                 | 17.59                             |
| 24,606                         | 31/32"   | 6,121                                 | 16                                |
| 25,000                         | --       | 6,422                                 | 15.50                             |
| 25,400                         | 1"       | 6,736                                 | 14.84                             |
| 26,000                         | --       | 7,224                                 | 14                                |
| 26,988                         | 1 1/16"  | 8,080                                 | 12.36                             |
| 28,000                         | --       | 9,023                                 | 11.06                             |
| 28,575                         | 1 1/8"   | 9,551                                 | 10.47                             |
| 30,000                         | --       | 11,098                                | 9.01                              |
| 30,162                         | 1 3/16"  | 11,280                                | 8.85                              |
| 31,750                         | 1 1/4"   | 13,194                                | 7.57                              |
| 32,000                         | --       | 13,469                                | 7.44                              |
| 33,338                         | 1 5/16"  | 15,208                                | 6.57                              |
| 34,000                         | --       | 16,155                                | 6.19                              |
| 34,925                         | 1 3/8"   | 17,510                                | 5.71                              |
| 35,000                         | --       | 17,622                                | 5.67                              |
| 36,000                         | --       | 19,177                                | 5.21                              |
| 36,512                         | 1 7/16"  | 20,006                                | 4.98                              |
| 38,000                         | --       | 22,554                                | 4.42                              |
| 38,100                         | 1 1/2"   | 22,732                                | 4.38                              |
| 39,688                         | 1 9/16"  | 25,718                                | 3.88                              |
| 40,000                         | --       | 26,306                                | 3.78                              |
| 41,725                         | 1 5/8"   | 28,955                                | 3.45                              |
| 42,862                         | 1 11/16" | 32,452                                | 3.07                              |
| 44,450                         | 1 3/4"   | 36,098                                | 2.76                              |
| 45,000                         | --       | 37,453                                | 2.67                              |
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Reg.-Nr.: Q1 0203005

Amtsgericht Stuttgart  
 HRB 206239  
 USt-IDNr. DE 813240283

Geschäftsführer:  
 U.Schmidt  
 G.Martin  
 P.Martin

| mm                             | inch     |                                       |                                   |
|--------------------------------|----------|---------------------------------------|-----------------------------------|
| 46,038                         | 1 13/16" | 40,269                                | 2.48                              |
| 47,625                         | 1 7/8"   | 44,609                                | 2.24                              |
| 49,212                         | 1 15/16" | 48,984                                | 2.04                              |
| 50,000                         | --       | 51,379                                | 1.95                              |
| 50,800                         | 2"       | 53,884                                | 1.85                              |
| 53,975                         | 2 1/8"   | 64,633                                | 1.53                              |
| 55,000                         | --       | 68,382                                | 1.46                              |
| 57,150                         | 2 1/4"   | 76,923                                | 1.29                              |
| 60,000                         | --       | 88,782                                | 1.12                              |
| 60,325                         | 2 3/8"   | 89,415                                | 1.11                              |
| 63,500                         | 2 1/2"   | 105,242                               | --                                |
| 65,000                         | --       | 112,878                               | --                                |
| 66,675                         | 2 5/8"   | 121,968                               | --                                |
| 69,850                         | 2 3/4"   | 140,379                               | --                                |
| 70,000                         | --       | 140,983                               | --                                |
| 73,025                         | 2 7/8"   | 160,554                               | --                                |
| 75,000                         | --       | 173,402                               | --                                |
| 76,200                         | 3"       | 181,859                               | --                                |
| 79,375                         | 3 1/8"   | 205,746                               | --                                |
| 80,000                         | --       | 210,446                               | --                                |
| 82,550                         | 3 1/4"   | 231,638                               | --                                |
| 85,000                         | --       | 252,421                               | --                                |
| 85,725                         | 3 3/8"   | 258,709                               | --                                |
| 88,900                         | 3 1/2"   | 288,785                               | --                                |
| 90,000                         | --       | 299,640                               | --                                |
| 92,075                         | 3 5/8"   | 311,106                               | --                                |
| 95,000                         | --       | 352,403                               | --                                |
| 95,250                         | 3 3/4"   | 355,753                               | --                                |
| 98,425                         | 3 7/8"   | 392,500                               | --                                |
| 100,000                        | --       | 411,028                               | --                                |
| 101,600                        | 4"       | 431,072                               | --                                |
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| mm                             | inch     |                                       |                                   |



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|         |        |           |    |
|---------|--------|-----------|----|
| 107,950 | 4 1/4" | 517,056   | -- |
| 110,000 | --     | 547,078   | -- |
| 114,300 | 4 1/2" | 613,930   | -- |
| 120,000 | --     | 710,257   | -- |
| 120,650 | 4 3/4" | 721,857   | -- |
| 127,000 | 5"     | 841,927   | -- |
| 133,350 | 5 1/4" | 974,649   | -- |
| 139,700 | 5 1/2" | 1.120,620 | -- |
| 146,050 | 5 3/4" | 1.280,507 | -- |
| 152,400 | 6"     | 1.454,870 | -- |

Comment: The weights stated are the ones for Chrome steel, Uni100Cr6. It is possible to get the approximate weights for the other materials multiplying the weight of 1.000 pcs. respectively 100 pcs. by the following items.

| Material                 | Mass factor |
|--------------------------|-------------|
| 1.3541 / 1.4034 / 1.4125 | 0,98        |
| 1.4301                   | 1,008       |
| 1.4401                   | 1,016       |