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Eine runde Sache.



# Gewichte für Präzisions-Stahlkugeln nach DIN 5401: 2002-08

Material 1.3505 bis 39,500 mm

Material 1.3520 < 39,500 mm

| Nennmaß |        | Gewicht /<br>100 Stück | Nennmaß | Gewicht /<br>100 Stück |         | Nennmaß | Gewicht /<br>100 Stück |         |
|---------|--------|------------------------|---------|------------------------|---------|---------|------------------------|---------|
| mm      | Zoll   | kg                     | mm      | Zoll                   | kg      | mm      | Zoll                   | kg      |
| 1,000   |        | 0,00041                | 16,000  |                        | 1,6836  | 41,275  | `15/8                  | 28,902  |
| 1,200   |        | 0,00070                | 17,000  |                        | 2,0194  | 42,862  | `1 11/16               | 32,366  |
| 1,500   |        | 0,00139                | 17,462  | `11/16                 | 2,1885  | 44,450  | `1 3/4                 | 36,098  |
| 1,588   | `1/16  | 0,00165                | 18,000  |                        | 2,3971  | 45,000  | -                      | 37,455  |
| 2,000   |        | 0,00329                | 19,000  |                        | 2,8192  | 46,038  | `1 13/16               | 40,107  |
| 2,381   | `3/32  | 0,00555                | 19,050  | `3/4                   | 2,8415  | 47,625  | `1 7/8                 | 44,399  |
| 2,500   |        | 0,00642                | 19,844  | `25/32                 | 3,2119  | 49,212  | `1 15/16               | 48,987  |
| 2,778   | `7/64  | 0,00881                | 20,000  |                        | 3,2882  | 50,000  | -                      | 51,378  |
| 3,000   |        | 0,01110                | 21,000  |                        | 3,8065  | 50,800  | `2                     | 53,884  |
| 3,175   | `1/8   | 0,0132                 | 22,000  |                        | 4,3766  | 52,388  | `2 1/16                | 59,097  |
| 3,500   |        | 0,0176                 | 22,225  | `7/8                   | 4,5123  | 53,975  | `2 1/8                 | 64,632  |
| 3,969   | `5/32  | 0,0257                 | 23,000  |                        | 5,0009  | 55,000  | -                      | 68,384  |
| 4,000   |        | 0,0263                 | 24,000  |                        | 5,6820  | 57,150  | `2 1/4                 | 76,722  |
| 4,500   |        | 0,0375                 | 25,000  |                        | 6,4223  | 58,738  | `2 5/16                | 82,886  |
| 4,762   | `3/16  | 0,0444                 | 25,400  | `1                     | 6,7355  | 60,000  | -                      | 88,78   |
| 5,000   |        | 0,0514                 | 26,000  |                        | 7,2242  | 60,325  | `2 3/8                 | 90,23   |
| 5,500   |        | 0,0684                 | 26,988  | `1 1/16                | 8,0396  | 61,912  | `2 7/16                | 97,54   |
| 5,556   | `7/32  | 0,0705                 | 27,781  | `1 3/32                | 8,8128  | 63,500  | `2 1/2                 | 105,24  |
| 6,000   |        | 0,0888                 | 28,000  |                        | 9,0228  | 65,000  | -                      | 112,88  |
| 6,350   | `1/4   | 0,1052                 | 28,575  | `1 1/8                 | 9,5430  | 66,675  | `2 5/8                 | 121,83  |
| 6,500   |        | 0,1129                 | 30,000  |                        | 11,0977 | 69,850  | `2 3/4                 | 140,08  |
| 7,000   |        | 0,1410                 | 30,956  | `1 7/32                | 12,1327 | 70,000  | -                      | 140,29  |
| 7,144   | `9/32  | 0,1499                 | 31,750  | `1 1/4                 | 13,1553 | 73,025  | `2 7/8                 | 160,06  |
| 7,500   |        | 0,1734                 | 32,000  |                        | 13,4685 | 75,000  | -                      | 173,40  |
| 7,938   | `5/16  | 0,2056                 | 32,544  | `1 9/32                | 14,1671 | 76,200  | `3                     | 181,86  |
| 8,000   |        | 0,2104                 | 33,338  | `1 5/16                | 15,2295 | 79,375  | `3 1/8                 | 205,55  |
| 8,500   |        | 0,2524                 | 34,000  |                        | 16,1549 | 80,000  | -                      | 210,44  |
| 8,731   | `11/32 | 0,2736                 | 34,131  | `1 11/32               | 16,2620 | 82,550  | `3 1/4                 | 231,22  |
| 9,000   |        | 0,2996                 | 34,925  | `1 3/8                 | 17,5097 | 85,725  | `3 3/8                 | 258,94  |
| 9,525   | `3/8   | 0,3552                 | 35,000  |                        | 17,6227 | 88,900  | `3 1/2                 | 288,78  |
| 10,000  |        | 0,4110                 | 35,719  | `1 13/32               | 18,7312 | 90,000  | -                      | 299,64  |
| 10,319  | `13/32 | 0,4516                 | 36,000  | `3/8                   | 19,1768 | 92,075  | `3 5/8                 | 320,84  |
| 11,000  |        | 0,5471                 | 36,512  | `1 7/8                 | 20,0067 | 95,250  | `3 3/4                 | 355,19  |
| 11,112  | `7/16  | 0,6640                 | 37,306  | `1 15/32               | 21,2354 | 98,425  | `3 7/8                 | 391,91  |
| 11,500  |        | 0,6251                 | 38,000  |                        | 22,5538 | 100,000 | -                      | 411,03  |
| 11,906  | `15/32 | 0,6937                 | 38,100  | `1 1/2                 | 22,7323 | 104,775 | `4 1/8                 | 472,76  |
| 12,000  |        | 0,7103                 | 38,894  | `1 17/32               | 24,0643 | 110,000 | -                      | 547,07  |
| 12,700  | `1/2   | 0,8419                 | 39,688  | `1 9/16                | 25,6948 | 114,300 | `4 1/2                 | 613,77  |
| 13,000  |        | 0,9030                 | 40,000  |                        | 26,3056 | 120,000 | -                      | 710,25  |
| 13,494  | `17/32 | 1,0099                 |         |                        |         | 127,000 | -                      | 841,94  |
| 14,000  |        | 1,1279                 |         |                        |         | 150,000 | -                      | 1387,21 |
| 14,288  | `9/16  | 1,1989                 |         |                        |         |         |                        |         |
| 15,000  |        | 1,3872                 |         |                        |         |         |                        |         |
| 15,081  | `19/32 | 1,4098                 |         |                        |         |         |                        |         |
| 15,875  | `5/8   | 1,6444                 |         |                        |         |         |                        |         |

Alle angegebenen Werte sind unverbindlich.

Die Datenblätter sind nur zum Eigengebrauch. Das Vervielfältigen oder Veröffentlichen ist nicht erlaubt.