

Hardness Conversion Chart

| Brinell Hardness | Rockwell Hardness | | | Tensile Strength | Brinell Hardness | Rockwell Hardness | | | Tensile Strength |
|-------------------------------|-------------------|---------------|---------------|------------------|-------------------------------|-------------------|---------------|---------------|------------------|
| Tungsten Carbide Ball 3000 KG | A Scale 60KG | B Scale 100KG | C Scale 150KG | (Approx.) | Tungsten Carbide Ball 3000 KG | A Scale 60KG | B Scale 100KG | C Scale 150KG | (Approx.) |
| | 85.6 | - | 68 | - | 331 | 68.1 | - | 35.5 | 166,000 |
| - | 85.3 | - | 67.5 | - | 321 | 67.5 | - | 34.3 | 160,000 |
| - | 85 | - | 67 | - | 311 | 66.9 | - | 33.1 | 155,000 |
| 767 | 84.7 | - | 66.4 | - | 302 | 66.3 | - | 32.1 | 150,000 |
| 757 | 84.4 | - | 65.9 | - | 293 | 65.7 | - | 30.9 | 145,000 |
| 745 | 84.1 | - | 65.3 | - | 285 | 65.3 | - | 29.9 | 141,000 |
| 733 | 83.8 | - | 64.7 | - | 277 | 64.6 | - | 28.8 | 137,000 |
| 722 | 83.4 | - | 64 | - | 269 | 64.1 | - | 27.6 | 133,000 |
| 712 | - | - | - | - | 262 | 63.6 | - | 26.6 | 129,000 |
| 710 | 83 | - | 63.3 | - | 255 | 63 | - | 25.4 | 126,000 |
| 698 | 82.6 | - | 62.5 | - | 248 | 62.5 | - | 24.2 | 122,000 |
| 684 | 82.2 | - | 61.8 | - | 241 | 61.8 | 100 | 22.8 | 118,000 |
| 682 | 82.2 | - | 61.7 | - | 235 | 61.4 | 99 | 21.7 | 115,000 |
| 670 | 81.8 | - | 61 | - | 229 | 60.8 | 98.2 | 20.5 | 111,000 |
| 656 | 81.3 | - | 60.1 | - | 223 | - | 97.3 | 20 | - |
| 653 | 81.2 | - | 60 | - | 217 | - | 96.4 | 18 | 105,000 |
| 647 | 81.1 | - | 59.7 | - | 212 | - | 95.5 | 17 | 102,000 |
| 638 | 80.8 | - | 59.2 | 329,000 | 207 | - | 94.6 | 16 | 100,000 |
| 630 | 80.6 | - | 58.8 | 324,000 | 201 | - | 93.8 | 15 | 98,000 |
| 627 | 80.5 | - | 58.7 | 323,000 | 197 | - | 92.8 | - | 95,000 |
| 601 | 79.8 | - | 57.3 | 309,000 | 192 | - | 91.9 | - | 93,000 |
| 578 | 79.1 | - | 56 | 297,000 | 187 | - | 90.7 | - | 90,000 |
| 555 | 78.4 | - | 54.7 | 285,000 | 183 | - | 90 | - | 89,000 |
| 534 | 77.8 | - | 53.5 | 274,000 | 179 | - | 89 | - | 87,000 |
| 514 | 76.9 | - | 52.1 | 263,000 | 174 | - | 87.8 | - | 85,000 |
| 495 | 76.3 | - | 51 | 253,000 | 170 | - | 86.8 | - | 83,000 |
| 477 | 75.6 | - | 49.6 | 243,000 | 167 | - | 86 | - | 81,000 |
| 461 | 74.9 | - | 48.5 | 235,000 | 163 | - | 85 | - | 79,000 |
| 444 | 74.2 | - | 47.1 | 225,000 | 156 | - | 82.9 | - | 76,000 |
| 429 | 73.4 | - | 45.7 | 217,000 | 149 | - | 80.8 | - | 73,000 |
| 415 | 72.8 | - | 44.5 | 210,000 | 143 | - | 78.7 | - | 71,000 |
| 401 | 72 | - | 43.1 | 202,000 | 137 | - | 76.4 | - | 67,000 |
| 388 | 71.4 | - | 41.8 | 195,000 | 131 | - | 74 | - | 65,000 |
| 375 | 70.6 | - | 40.4 | 188,000 | 126 | - | 72 | - | 63,000 |
| 363 | 70 | - | 39.1 | 182,000 | 121 | - | 69.8 | - | 60,000 |
| 352 | 69.3 | - | 37.9 | 176,000 | 116 | - | 67.6 | - | 58,000 |
| 341 | 68.7 | - | 36.6 | 170,000 | 111 | - | 65.7 | - | 56,000 |