

HLD 硬度換算表

| Vickers | Rockwell | | | | Rockwell Superficial | | | Brinell | | Shore | Dietmar Leeb | |
|---------|----------|---------|------|------|----------------------|-------|-------|---------|-------|-------|--------------|-----|
| | HV | HRA | HRB | HRC | HRD | HR15N | HR30N | HR45N | HBS | HBW | HS | HLD |
| 940 | 85.6 | — | 68 | 76.9 | 93.2 | 84.4 | 75.4 | — | — | 98.0 | 886 | 851 |
| 900 | 85.0 | — | 67 | 76.1 | 92.9 | 83.6 | 74.2 | — | — | 95.6 | 873 | 839 |
| 865 | 84.5 | — | 66 | 75.4 | 92.5 | 82.8 | 73.3 | — | — | 93.4 | 862 | 829 |
| 832 | 83.9 | — | 65 | 74.5 | 92.2 | 81.9 | 72.0 | — | (739) | 91.2 | 852 | 819 |
| 800 | 83.4 | — | 64 | 73.8 | 91.8 | 81.1 | 71.0 | — | (722) | 89.0 | 843 | 809 |
| 772 | 82.8 | — | 63 | 73.0 | 91.4 | 80.1 | 69.9 | — | (705) | 87.1 | 834 | 799 |
| 746 | 82.3 | — | 62 | 72.2 | 91.1 | 79.3 | 68.8 | — | (688) | 85.2 | 824 | 790 |
| 720 | 81.8 | — | 61 | 71.5 | 90.7 | 78.4 | 67.7 | — | (670) | 83.3 | 814 | 780 |
| 697 | 81.2 | — | 60 | 70.7 | 90.2 | 77.5 | 66.6 | — | (654) | 81.5 | 805 | 770 |
| 674 | 80.7 | — | 59 | 69.9 | 89.8 | 76.6 | 65.5 | — | (634) | 79.7 | 795 | 760 |
| 653 | 80.1 | — | 58 | 69.2 | 89.3 | 75.7 | 64.3 | — | 615 | 78.1 | 786 | 750 |
| 633 | 79.6 | — | 57 | 68.5 | 88.9 | 74.8 | 63.2 | — | 595 | 76.4 | 776 | 741 |
| 613 | 79.0 | — | 56 | 67.7 | 88.3 | 73.9 | 62.0 | — | 577 | 74.8 | 767 | 731 |
| 595 | 78.5 | — | 55 | 66.9 | 87.9 | 73.0 | 60.9 | — | 560 | 73.2 | 758 | 722 |
| 577 | 78.0 | — | 54 | 66.1 | 87.4 | 72.0 | 59.8 | — | 543 | 71.7 | 749 | 713 |
| 560 | 77.4 | — | 53 | 65.4 | 86.9 | 71.2 | 58.6 | — | 525 | 70.2 | 741 | 704 |
| 544 | 76.8 | — | 52 | 64.6 | 86.4 | 70.2 | 57.4 | (500) | 512 | 68.8 | 732 | 695 |
| 528 | 76.3 | — | 51 | 63.8 | 85.9 | 69.4 | 56.1 | (487) | 496 | 67.3 | 724 | 687 |
| 513 | 75.9 | — | 50 | 63.1 | 85.5 | 68.5 | 55.0 | (475) | 481 | 65.9 | 716 | 678 |
| 498 | 75.2 | — | 49 | 62.1 | 85.0 | 67.6 | 53.8 | (464) | 469 | 64.5 | 708 | 670 |
| 484 | 74.7 | — | 48 | 61.4 | 84.5 | 66.7 | 52.5 | 451 | 455 | 63.1 | 700 | 662 |
| 471 | 74.1 | — | 47 | 60.8 | 83.9 | 65.8 | 51.4 | 442 | 443 | 61.9 | 693 | 655 |
| 458 | 73.6 | — | 46 | 60.0 | 83.5 | 64.8 | 50.3 | 432 | 432 | 60.6 | 685 | 648 |
| 446 | 73.1 | — | 45 | 59.2 | 83.0 | 64.0 | 49.0 | 421 | 421 | 59.4 | 678 | 641 |
| 434 | 72.5 | — | 44 | 58.5 | 82.5 | 63.1 | 47.8 | 409 | 409 | 58.2 | 671 | 634 |
| 423 | 72.0 | — | 43 | 57.7 | 82.0 | 62.2 | 46.7 | 400 | 400 | 57.1 | 664 | 628 |
| 412 | 71.5 | — | 42 | 56.9 | 81.5 | 61.3 | 45.5 | 390 | 390 | 55.9 | 657 | 621 |
| 402 | 70.9 | — | 41 | 56.2 | 80.9 | 60.4 | 44.3 | 381 | 381 | 54.9 | 650 | 616 |
| 392 | 70.4 | — | 40 | 55.4 | 80.4 | 59.5 | 43.1 | 371 | 371 | 53.8 | 644 | 610 |
| 382 | 69.9 | — | 39 | 54.6 | 79.9 | 58.6 | 41.9 | 362 | 362 | 52.7 | 637 | 603 |
| 372 | 69.4 | — | 38 | 53.8 | 79.4 | 57.7 | 40.8 | 353 | 353 | 51.6 | 629 | 597 |
| 363 | 68.9 | — | 37 | 53.1 | 78.8 | 56.8 | 39.6 | 344 | 344 | 50.6 | 623 | 592 |
| 354 | 68.4 | (109.0) | 36 | 52.3 | 78.3 | 55.9 | 38.4 | 336 | 336 | 49.6 | 616 | 586 |
| 345 | 67.9 | (108.5) | 35 | 51.5 | 77.7 | 55.0 | 37.2 | 327 | 327 | 48.6 | 609 | 580 |
| 336 | 67.4 | (108.0) | 34 | 50.8 | 77.2 | 54.2 | 36.1 | 319 | 319 | 47.6 | 602 | 574 |
| 327 | 66.8 | (107.5) | 33 | 50.0 | 76.6 | 53.3 | 34.9 | 311 | 311 | 46.6 | 595 | 568 |
| 318 | 66.3 | (107.0) | 32 | 49.2 | 76.1 | 52.1 | 33.7 | 301 | 301 | 45.5 | 587 | 562 |
| 310 | 65.8 | (106.0) | 31 | 48.4 | 75.6 | 51.3 | 32.5 | 294 | 294 | 44.6 | 581 | 556 |
| 302 | 65.3 | (105.5) | 30 | 47.7 | 75.0 | 50.4 | 31.3 | 286 | 286 | 43.6 | 574 | 550 |
| 294 | 64.7 | (104.5) | 29 | 47.0 | 74.5 | 49.5 | 30.1 | 279 | 279 | 42.7 | 567 | 544 |
| 286 | 64.3 | (104.0) | 28 | 46.1 | 73.9 | 48.6 | 28.9 | 271 | 271 | 41.7 | 559 | 538 |
| 279 | 63.8 | (103.0) | 27 | 45.2 | 73.3 | 47.7 | 27.8 | 264 | 264 | 40.9 | 553 | 532 |
| 272 | 63.3 | (102.5) | 26 | 44.6 | 72.8 | 46.8 | 26.7 | 258 | 258 | 40.0 | 547 | 526 |
| 266 | 62.8 | (101.5) | 25 | 43.8 | 72.2 | 45.9 | 25.5 | 253 | 253 | 39.3 | 541 | 521 |
| 260 | 62.4 | (101.0) | 24 | 43.1 | 71.6 | 45.0 | 24.3 | 247 | 247 | 38.5 | 535 | 516 |
| 254 | 62.0 | 100.0 | 23 | 42.1 | 71.0 | 44.0 | 23.1 | 243 | 243 | 37.7 | 530 | 511 |
| 248 | 61.5 | 99.0 | 22 | 41.6 | 70.5 | 43.2 | 22.0 | 237 | 237 | 37.0 | 524 | 505 |
| 243 | 61.0 | 98.5 | 21 | 40.9 | 69.9 | 42.3 | 20.7 | 231 | 231 | 36.4 | 519 | 500 |
| 238 | 60.5 | 97.8 | 20 | 40.1 | 69.4 | 41.5 | 19.6 | 226 | 226 | 35.7 | 514 | 496 |
| 230 | — | 96.7 | (18) | — | — | — | — | 219 | 219 | 34.7 | 506 | 488 |
| 222 | — | 95.5 | (16) | — | — | — | — | 212 | 212 | 33.6 | 498 | 479 |
| 213 | — | 93.9 | (14) | — | — | — | — | 203 | 203 | 32.4 | 488 | 470 |
| 204 | — | 92.3 | (12) | — | — | — | — | 194 | 194 | 31.2 | 478 | 459 |
| 196 | — | 90.7 | (10) | — | — | — | — | 187 | 187 | 30.2 | 470 | 450 |
| 188 | — | 89.5 | -8 | — | — | — | — | 179 | 179 | — | — | — |
| 180 | — | 87.1 | -6 | — | — | — | — | 171 | 171 | — | — | — |
| 173 | — | 85.5 | -4 | — | — | — | — | 165 | 165 | — | — | — |
| 166 | — | 83.5 | -2 | — | — | — | — | 158 | 158 | — | — | — |
| 160 | — | 81.7 | 0 | — | — | — | — | 152 | 152 | — | — | — |