



VULCAN METAL

Vulcan Metal Dış Ticaret ve Danışmanlık Ltd. Şti.

Hardness Conversion Table for Cast Rolls

| Leeb E | Leeb D | Shore C ShC | Shore D ShD | Brinell HB | Rockwell HRc | Vickers HV30 | Leeb E | Leeb D | Shore C ShC | Shore D ShD | Brinell HB | Rockwell HRc | Vickers HV30 |
|--------|--------|-------------|-------------|------------|--------------|--------------|--------|--------|-------------|-------------|------------|--------------|--------------|
| 440 | 456 | 25 | 24 | 180 | 9 | 191 | 645 | 679 | 59 | 61 | 432 | 45 | 441 |
| 445 | 462 | 26 | 25 | 185 | 10 | 196 | 650 | 684 | 60 | 62 | 440 | 45 | 450 |
| 450 | 467 | 27 | 26 | 189 | 12 | 200 | 655 | 689 | 61 | 63 | 448 | 46 | 458 |
| 455 | 473 | 28 | 27 | 194 | 13 | 205 | 660 | 695 | 62 | 64 | 456 | 47 | 467 |
| 460 | 478 | 29 | 28 | 199 | 14 | 210 | 665 | 700 | 62 | 65 | 464 | 47 | 475 |
| 465 | 484 | 30 | 29 | 204 | 15 | 215 | 670 | 705 | 63 | 65 | 472 | 48 | 484 |
| 470 | 489 | 31 | 30 | 209 | 16 | 219 | 675 | 710 | 64 | 66 | 481 | 49 | 493 |
| 475 | 495 | 31 | 31 | 214 | 17 | 224 | 680 | 716 | 65 | 67 | 489 | 49 | 503 |
| 480 | 500 | 32 | 33 | 219 | 18 | 229 | 685 | 721 | 66 | 68 | 497 | 50 | 512 |
| 485 | 506 | 33 | 34 | 224 | 19 | 234 | 690 | 726 | 67 | 69 | 506 | 50 | 521 |
| 490 | 511 | 34 | 35 | 229 | 20 | 239 | 695 | 731 | 67 | 70 | 515 | 51 | 531 |
| 495 | 517 | 35 | 36 | 234 | 21 | 245 | 700 | 736 | 68 | 71 | 523 | 51 | 541 |
| 500 | 522 | 36 | 37 | 240 | 22 | 250 | 705 | 741 | 69 | 71 | 532 | 52 | 551 |
| 505 | 528 | 36 | 38 | 245 | 23 | 255 | 710 | 746 | 70 | 72 | 541 | 53 | 561 |
| 510 | 533 | 37 | 38 | 251 | 24 | 260 | 715 | 752 | 71 | 73 | 550 | 53 | 571 |
| 515 | 539 | 38 | 39 | 256 | 25 | 266 | 720 | 757 | 72 | 74 | 559 | 54 | 582 |
| 520 | 544 | 39 | 40 | 262 | 26 | 271 | 725 | 762 | 73 | 75 | 569 | 54 | 593 |
| 525 | 550 | 40 | 41 | 268 | 26 | 277 | 730 | 767 | 73 | 76 | 578 | 55 | 603 |
| 530 | 555 | 41 | 42 | 274 | 27 | 283 | 735 | 772 | 74 | 77 | 587 | 55 | 614 |
| 535 | 561 | 41 | 43 | 280 | 28 | 288 | 740 | 777 | 75 | 78 | 597 | 56 | 626 |
| 540 | 566 | 42 | 44 | 286 | 29 | 294 | 745 | 782 | 76 | 79 | 606 | 57 | 637 |
| 545 | 572 | 43 | 45 | 292 | 30 | 300 | 750 | 787 | 77 | 80 | 616 | 57 | 648 |
| 550 | 577 | 44 | 46 | 298 | 31 | 306 | 755 | 792 | 78 | 81 | 626 | 58 | 660 |
| 555 | 583 | 45 | 47 | 304 | 32 | 312 | 760 | 797 | 79 | 82 | 636 | 58 | 672 |
| 560 | 588 | 45 | 47 | 311 | 32 | 319 | 765 | 802 | 80 | 83 | 645 | 59 | 684 |
| 565 | 593 | 46 | 48 | 317 | 33 | 325 | 770 | 807 | 81 | 84 | 655 | 59 | 696 |
| 570 | 599 | 47 | 49 | 324 | 34 | 331 | 775 | 812 | 82 | 86 | 666 | 60 | 709 |
| 575 | 604 | 48 | 50 | 330 | 35 | 338 | 780 | 816 | 82 | 87 | 676 | 60 | 722 |
| 580 | 610 | 49 | 51 | 337 | 36 | 344 | 785 | 821 | 83 | 88 | 686 | 61 | 734 |
| 585 | 615 | 49 | 52 | 344 | 36 | 351 | 790 | 826 | 84 | 89 | 696 | 61 | 747 |
| 590 | 620 | 50 | 52 | 351 | 37 | 358 | 795 | 831 | 85 | 90 | - | 62 | 761 |
| 595 | 626 | 51 | 53 | 358 | 38 | 365 | 800 | 836 | 86 | 91 | - | 62 | 774 |
| 600 | 631 | 52 | 54 | 365 | 39 | 372 | 805 | 841 | 87 | 93 | - | 63 | 788 |
| 605 | 636 | 53 | 55 | 372 | 39 | 379 | 810 | 845 | 88 | 94 | - | 63 | 802 |
| 610 | 642 | 53 | 56 | 379 | 40 | 387 | 815 | 850 | 89 | 95 | - | 64 | 816 |
| 615 | 647 | 54 | 56 | 386 | 41 | 394 | 820 | 855 | 90 | 97 | - | 64 | 830 |
| 620 | 652 | 55 | 57 | 394 | 41 | 402 | 825 | 860 | 91 | 98 | - | 65 | 845 |
| 625 | 658 | 56 | 58 | 401 | 42 | 409 | 830 | 864 | 92 | 99 | - | 65 | 859 |
| 630 | 663 | 57 | 59 | 409 | 43 | 417 | 835 | 869 | 93 | 101 | - | 66 | 874 |
| 635 | 668 | 57 | 60 | 416 | 43 | 425 | 840 | 874 | 94 | 102 | - | 66 | 889 |
| 640 | 674 | 58 | 60 | 424 | 44 | 433 | 845 | 878 | 95 | 104 | - | 67 | 905 |

