|  |  |  |
| --- | --- | --- |
| Position (mm) | Current in 1/100 micro-Amperes | Log of Current |
| 0 | 5 | 0.698970004 |
| 0.2 | 5 | 0.698970004 |
| 0.4 | 5 | 0.698970004 |
| 0.6 | 5 | 0.698970004 |
| 0.8 | 5 | 0.698970004 |
| 1 | 4 | 0.602059991 |
| 1.2 | 4 | 0.602059991 |
| 1.4 | 4 | 0.602059991 |
| 1.6 | 4 | 0.602059991 |
| 1.8 | 4 | 0.602059991 |
| 2 | 4 | 0.602059991 |
| 2.2 | 5 | 0.698970004 |
| 2.4 | 5 | 0.698970004 |
| 2.6 | 5 | 0.698970004 |
| 2.8 | 5 | 0.698970004 |
| 3 | 5 | 0.698970004 |
| 3.2 | 4 | 0.602059991 |
| 3.4 | 4 | 0.602059991 |
| 3.6 | 3 | 0.477121255 |
| 3.8 | 3 | 0.477121255 |
| 4 | 3 | 0.477121255 |
| 4.2 | 3 | 0.477121255 |
| 4.4 | 4 | 0.602059991 |
| 4.6 | 4 | 0.602059991 |
| 4.8 | 5 | 0.698970004 |
| 5 | 6 | 0.77815125 |
| 5.2 | 5 | 0.698970004 |
| 5.4 | 5 | 0.698970004 |
| 5.6 | 4 | 0.602059991 |
| 5.8 | 4 | 0.602059991 |
| 6 | 4 | 0.602059991 |
| 6.2 | 4 | 0.602059991 |
| 6.4 | 4 | 0.602059991 |
| 6.6 | 4 | 0.602059991 |
| 6.8 | 6 | 0.77815125 |
| 7 | 6 | 0.77815125 |
| 7.2 | 5 | 0.698970004 |
| 7.4 | 5 | 0.698970004 |
| 7.6 | 5 | 0.698970004 |
| 7.8 | 5 | 0.698970004 |
| 8 | 4 | 0.602059991 |
| 8.2 | 4 | 0.602059991 |
| 8.4 | 4 | 0.602059991 |
| 8.6 | 4 | 0.602059991 |
| 8.8 | 5 | 0.698970004 |
| 9 | 6 | 0.77815125 |
| 9.2 | 5 | 0.698970004 |
| 9.4 | 6 | 0.77815125 |
| 9.6 | 6 | 0.77815125 |
| 9.8 | 6 | 0.77815125 |
| 10 | 6 | 0.77815125 |
| 10.2 | 5 | 0.698970004 |
| 10.4 | 4 | 0.602059991 |
| 10.6 | 4 | 0.602059991 |
| 10.8 | 4 | 0.602059991 |
| 11 | 5 | 0.698970004 |
| 11.2 | 6 | 0.77815125 |
| 11.4 | 7 | 0.84509804 |
| 11.6 | 6 | 0.77815125 |
| 11.8 | 7 | 0.84509804 |
| 12 | 7 | 0.84509804 |
| 12.2 | 6 | 0.77815125 |
| 12.4 | 7 | 0.84509804 |
| 12.6 | 4 | 0.602059991 |
| 12.8 | 4 | 0.602059991 |
| 13 | 4 | 0.602059991 |
| 13.2 | 5 | 0.698970004 |
| 13.4 | 7 | 0.84509804 |
| 13.6 | 9 | 0.954242509 |
| 13.8 | 9 | 0.954242509 |
| 14 | 8 | 0.903089987 |
| 14.2 | 8 | 0.903089987 |
| 14.4 | 8 | 0.903089987 |
| 14.6 | 7 | 0.84509804 |
| 14.8 | 4 | 0.602059991 |
| 15 | 4 | 0.602059991 |
| 15.2 | 4 | 0.602059991 |
| 15.4 | 4 | 0.602059991 |
| 15.6 | 7 | 0.84509804 |
| 15.8 | 7 | 0.84509804 |
| 16 | 9 | 0.954242509 |
| 16.2 | 11 | 1.041392685 |
| 16.4 | 8 | 0.903089987 |
| 16.6 | 8 | 0.903089987 |
| 16.8 | 7 | 0.84509804 |
| 17 | 7 | 0.84509804 |
| 17.2 | 4 | 0.602059991 |
| 17.4 | 4 | 0.602059991 |
| 17.6 | 4 | 0.602059991 |
| 17.8 | 7 | 0.84509804 |
| 18 | 10 | 1 |
| 18.2 | 13 | 1.113943352 |
| 18.4 | 16 | 1.204119983 |
| 18.6 | 16 | 1.204119983 |
| 18.8 | 14 | 1.146128036 |
| 19 | 15 | 1.176091259 |
| 19.2 | 12 | 1.079181246 |
| 19.4 | 7 | 0.84509804 |
| 19.6 | 7 | 0.84509804 |
| 19.8 | 11 | 1.041392685 |
| 20 | 14 | 1.146128036 |
| 20.2 | 18 | 1.255272505 |
| 20.4 | 25 | 1.397940009 |
| 20.6 | 18 | 1.255272505 |
| 20.8 | 23 | 1.361727836 |
| 21 | 29 | 1.462397998 |
| 21.2 | 24 | 1.380211242 |
| 21.4 | 20 | 1.301029996 |
| 21.6 | 25 | 1.397940009 |
| 21.8 | 11 | 1.041392685 |
| 22 | 13 | 1.113943352 |
| 22.2 | 18 | 1.255272505 |
| 22.4 | 22 | 1.342422681 |
| 22.6 | 57 | 1.755874856 |
| 22.8 | 86 | 1.934498451 |
| 23 | 75 | 1.875061263 |
| 23.2 | 60 | 1.77815125 |
| 23.4 | 90 | 1.954242509 |
| 23.6 | 100 | 2 |
| 23.8 | 60 | 1.77815125 |
| 24 | 28 | 1.447158031 |
| 24.2 | 46 | 1.662757832 |
| 24.4 | 35 | 1.544068044 |
| 24.6 | 145 | 2.161368002 |
| 24.8 | 520 | 2.716003344 |
| 25 | 50 | 1.698970004 |
| 25.2 | 505 | 2.703291378 |
| 25.4 | 594 | 2.773786445 |
| 25.6 | 95 | 1.977723605 |
| 25.8 | 435 | 2.638489257 |
| 26 | 663 | 2.821513528 |
| 26.2 | 423 | 2.626340367 |
| 26.4 | 3730 | 3.571708832 |
| 26.6 | 4630 | 3.665580991 |
| 26.8 | 3120 | 3.494154594 |
| 27 | 2550 | 3.40654018 |
| 27.2 | 5110 | 3.7084209 |
| 27.4 | 12420 | 4.094121596 |
| 27.6 | 10990 | 4.040997692 |
| 27.8 | 5710 | 3.756636108 |
| 28 | 3910 | 3.592176757 |
| 28.2 | 3490 | 3.542825427 |
| 28.4 | 1720 | 3.235528447 |
| 28.6 | 665 | 2.822821645 |
| 28.8 | 413 | 2.615950052 |
| 29 | 442 | 2.645422269 |
| 29.2 | 156 | 2.193124598 |
| 29.4 | 147 | 2.167317335 |
| 29.6 | 143 | 2.155336037 |
| 29.8 | 88 | 1.944482672 |
| 30 | 143 | 2.155336037 |
| 30.2 | 63 | 1.799340549 |
| 30.4 | 48 | 1.681241237 |
| 30.6 | 31 | 1.491361694 |
| 30.8 | 19 | 1.278753601 |
| 31 | 20 | 1.301029996 |
| 31.2 | 11 | 1.041392685 |
| 31.4 | 28 | 1.447158031 |
| 31.6 | 24 | 1.380211242 |
| 31.8 | 33 | 1.51851394 |
| 32 | 25 | 1.397940009 |
| 32.2 | 33 | 1.51851394 |
| 32.4 | 28 | 1.447158031 |
| 32.6 | 16 | 1.204119983 |
| 32.8 | 11 | 1.041392685 |