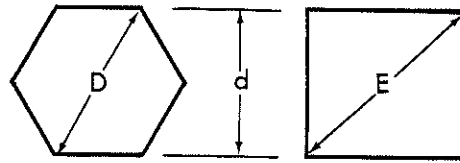
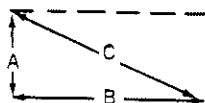


DISTANCE ACROSS CORNERS OF HEXAGONS AND SQUARES



$D=1.1547d$ $E=1.4142d$

| d | D | E | d | D | E | d | D | E |
|--------|--------|--------|---------|--------|--------|---------|--------|--------|
| 1/4 | 0.2886 | 0.3535 | 1-1/4 | 1.4434 | 1.7677 | 2-5/16 | 2.6702 | 3.2703 |
| 9/32 | 0.3247 | 0.3977 | 1-9/32 | 1.4794 | 1.8119 | 2-3/8 | 2.7424 | 3.3587 |
| 5/16 | 0.3608 | 0.4419 | 1-5/16 | 1.5155 | 1.8561 | 2-7/16 | 2.8145 | 3.4471 |
| 11/32 | 0.3968 | 0.4861 | 1-11/32 | 1.5516 | 1.9003 | 2-1/2 | 2.8867 | 3.5355 |
| 3/8 | 0.4329 | 0.5303 | 1-3/8 | 1.5877 | 1.9445 | 2-9/16 | 2.9583 | 3.6239 |
| 13/32 | 0.4690 | 0.5745 | 1-13/32 | 1.6238 | 1.9887 | 2-5/8 | 3.0311 | 3.7123 |
| 7/16 | 0.5051 | 0.6187 | 1-7/16 | 1.6598 | 2.0329 | 2-11/16 | 3.1032 | 3.8007 |
| 15/32 | 0.5412 | 0.6629 | 1-15/32 | 1.6959 | 2.0771 | 2-3/4 | 3.1754 | 3.8891 |
| 1/2 | 0.5773 | 0.7071 | 1-1/2 | 1.7320 | 2.1213 | 2-13/16 | 3.2476 | 3.9794 |
| 17/32 | 0.6133 | 0.7513 | 1-17/32 | 1.7681 | 2.1655 | 2-7/8 | 3.3197 | 4.0658 |
| 9/16 | 0.6494 | 0.7955 | 1-9/16 | 1.8042 | 2.2097 | 2-15/16 | 3.3919 | 4.1542 |
| 19/32 | 0.6855 | 0.8397 | 1-19/32 | 1.8403 | 2.2539 | 3 | 3.4641 | 4.2426 |
| 5/8 | 0.7216 | 0.8839 | 1-5/8 | 1.8764 | 2.2981 | 3-1/16 | 3.5362 | 4.3310 |
| 21/32 | 0.7576 | 0.9281 | 1-21/32 | 1.9124 | 2.3423 | 3-1/8 | 3.6084 | 4.4194 |
| 11/16 | 0.7937 | 0.9723 | 1-11/16 | 1.9485 | 2.3865 | 3-3/16 | 3.6806 | 4.5078 |
| 23/32 | 0.8298 | 1.0164 | 1-23/32 | 1.9846 | 2.4306 | 3-1/4 | 3.7527 | 4.5962 |
| 3/4 | 0.8659 | 1.0606 | 1-3/4 | 2.0207 | 2.4708 | 3-5/16 | 3.8249 | 4.6846 |
| 25/32 | 0.9020 | 1.1048 | 1-25/32 | 2.0568 | 2.5190 | 3-3/8 | 3.8971 | 4.7729 |
| 13/16 | 0.9380 | 1.1490 | 1-13/16 | 2.0929 | 2.5632 | 3-7/16 | 3.9692 | 4.8613 |
| 27/32 | 0.9741 | 1.1932 | 1-27/32 | 2.1289 | 2.6074 | 3-1/2 | 4.0414 | 4.9497 |
| 7/8 | 1.0102 | 1.2374 | 1-7/8 | 2.1650 | 2.6516 | 3-9/16 | 4.1136 | 5.0381 |
| 29/32 | 1.0463 | 1.2816 | 1-29/32 | 2.2011 | 2.6958 | 3-5/8 | 4.1857 | 5.1265 |
| 15/16 | 1.0824 | 1.3258 | 1-15/16 | 2.2372 | 2.7400 | 3-11/16 | 4.2579 | 5.2149 |
| 31/32 | 1.1184 | 1.3700 | 1-31/32 | 2.2733 | 2.7842 | 3-3/4 | 4.3301 | 5.3033 |
| 1 | 1.1547 | 1.4142 | 2 | 2.3094 | 2.8284 | 3-13/16 | 4.4023 | 5.3917 |
| 1-1/32 | 1.1907 | 1.4584 | 2-1/32 | 2.3453 | 2.8726 | 3-7/8 | 4.4744 | 5.4801 |
| 1-1/16 | 1.2268 | 1.5026 | 2-1/16 | 2.3815 | 2.9168 | 3-15/16 | 4.5466 | 5.5684 |
| 1-3/32 | 1.2629 | 1.5468 | 2-3/32 | 2.4176 | 2.9610 | 4 | 4.6188 | 5.6568 |
| 1-1/8 | 1.2990 | 1.5910 | 2-1/8 | 2.4537 | 3.0052 | 4-1/8 | 4.6910 | 5.7452 |
| 1-5/32 | 1.3351 | 1.6352 | 2-5/32 | 2.4898 | 3.0494 | 4-1/4 | 4.7631 | 5.8336 |
| 1-3/16 | 1.3712 | 1.6793 | 2-3/16 | 2.5259 | 3.0936 | 4-3/8 | 4.8353 | 5.9220 |
| 1-7/32 | 1.4073 | 1.7235 | 2-1/4 | 2.5620 | 3.1378 | 4-1/2 | 4.9074 | 6.0104 |
| | | | | | | | 5.0518 | 6.1872 |
| | | | | | | | 5.1961 | 6.3639 |



FORMULA FOR ESTABLISHING C DIMENSION OF RECTANGLE

$$C = \sqrt{A^2 + B^2}$$