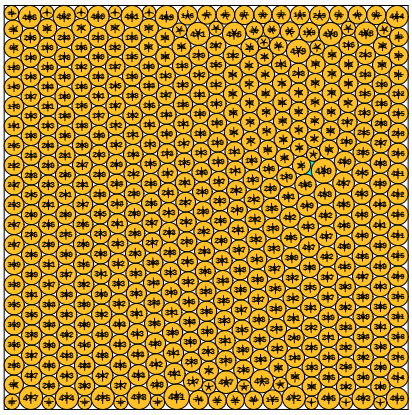
N = 481

481 circles in a square



sumradii = 11.673507936374 density = 0.896029565642
sumperim = 73.346813549069 contacts = 1443

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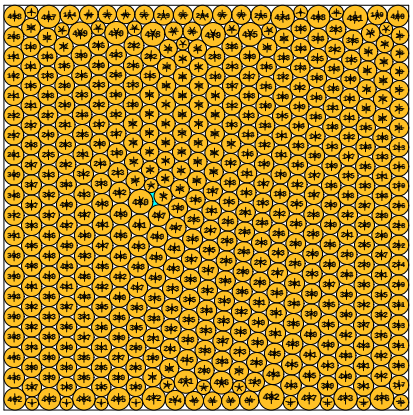
N = 482

482 circles in a square



sumradii = 11.685535767143 density = 0.895909919317
sumperim = 73.422386638634 contacts = 1446

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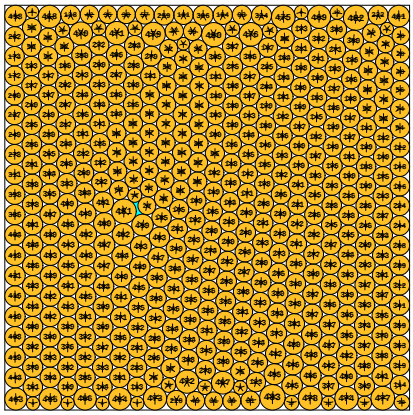
N = 483

483 circles in a square



sumradii = 11.697689426884 density = 0.895881465555
sumperim = 73.498750334945 contacts = 1449

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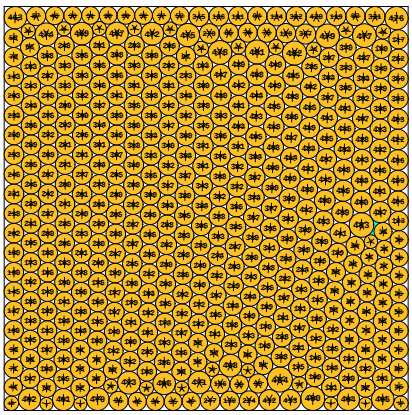
N = 484

484 circles in a square



sumradii = 11.710365502919 density = 0.895989646115
sumperim = 73.578396469643 contacts = 1452

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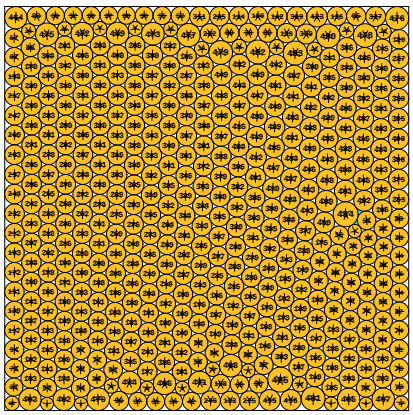
N = 485

485 circles in a square



sumradii = 11.723110451653 density = 0.896066225852
sumperim = 73.658475344270 contacts = 1455

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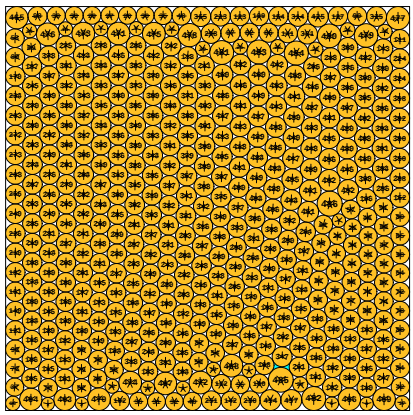
N = 486

486 circles in a square



sumradii = 11.735281360564 density = 0.896023540112
sumperim = 73.734947420314 contacts = 1458

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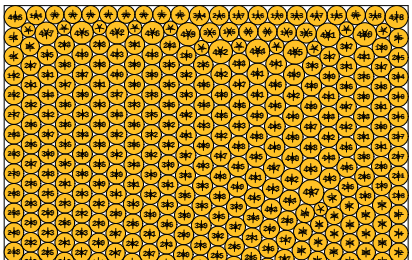
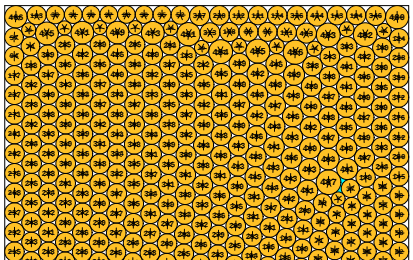
N = 487

487 circles in a square



N = 488

488 circles in a square



N = 489

489 circles in a square

