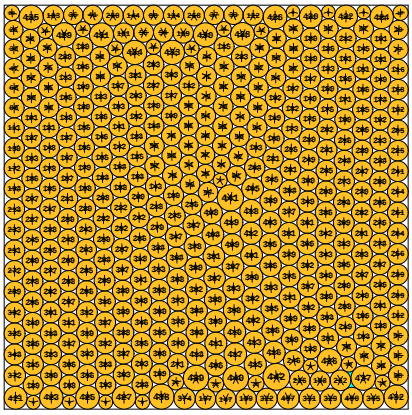
N = 442

442 circles in a square



```
sumradii  =  11.185773330752   density  = 0.895544043502
sumperim  =  70.282286641222   contacts = 1326
```

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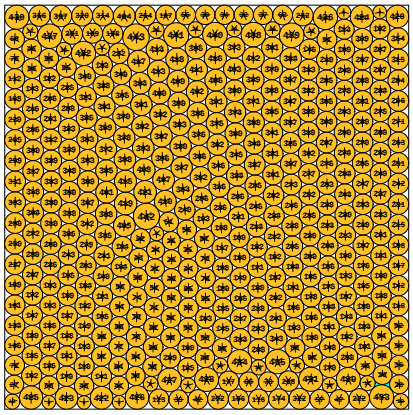
N = 443

443 circles in a square



```
sumradii  =  11.198733212693   density  = 0.895522551282
sumperim  =  70.363715981017   contacts = 1329
```

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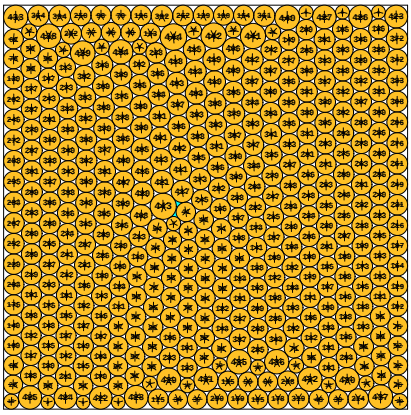
N = 444

444 circles in a square



```
sumradii  =  11.211752928657   density  = 0.895521796457
sumperim  =  70.445521269065   contacts = 1332
```

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