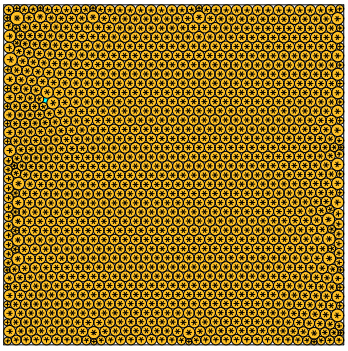
N = 1213

1213 circles in a square

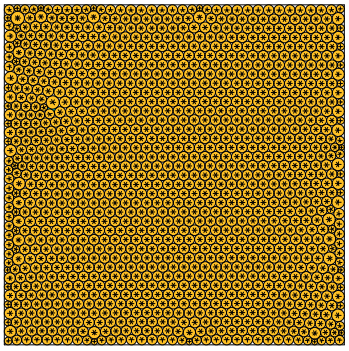


sumradii = 18.587484089649 **density** = 0.900478953344
sumperim = 116.788606929516 **contacts** = 3639

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N = 1214

1214 circles in a square

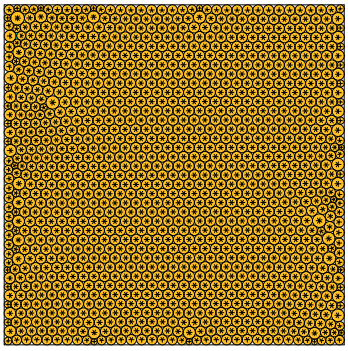


sumradii = 18.596184681520 **density** = 0.900571204089
sumperim = 116.843274360525 **contacts** = 3642

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N = 1215

1215 circles in a square

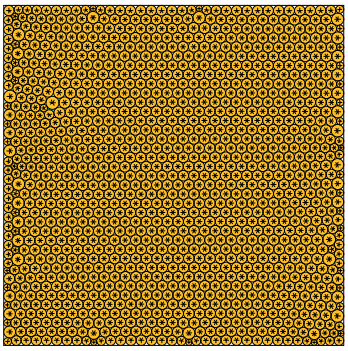


sumradii = 18.602987226272 **density** = 0.900551775941
sumperim = 116.886016009759 **contacts** = 3645

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N = 1216

1216 circles in a square

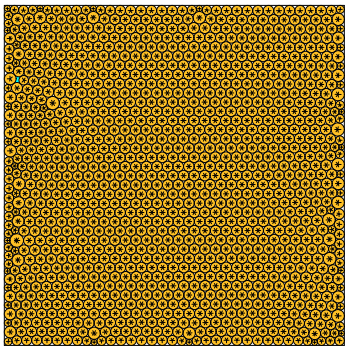


sumradii = 18.613747571608 **density** = 0.900537147802
sumperim = 116.953625253479 **contacts** = 3648

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N = 1217

1217 circles in a square

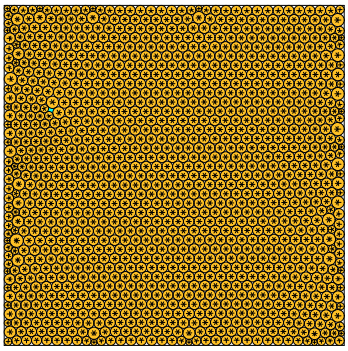


sumradii = 18.614404939957 **density** = 0.900525606459
sumperim = 116.957755620627 **contacts** = 3651

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N = 1218

1218 circles in a square

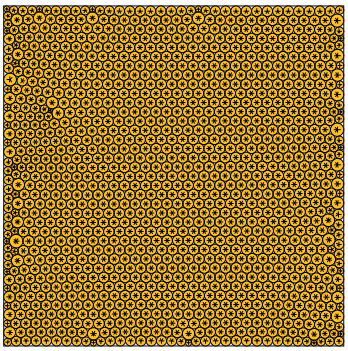


sumradii = 18.620790202376 **density** = 0.900512488952
sumperim = 116.997875407641 **contacts** = 3654

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N = 1219

1219 circles in a square

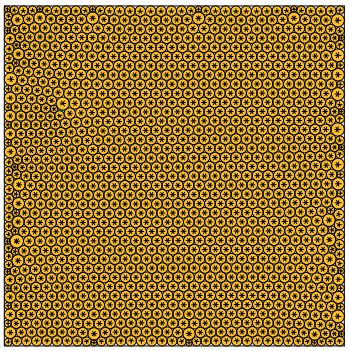


sumradii = 18.626701806069 **density** = 0.900595962492
sumperim = 117.035019109109 **contacts** = 3657

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N = 1220

1220 circles in a square

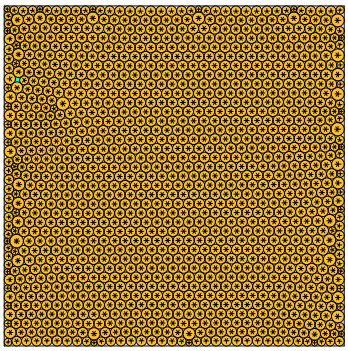


sumradii = 18.634880115696 **density** = 0.900624711052
sumperim = 117.086404943993 **contacts** = 3660

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N = 1221

1221 circles in a square

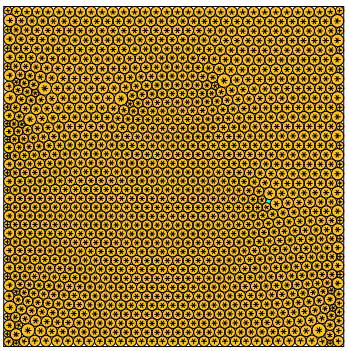


sumradii = 18.641431361582 **density** = 0.900602038453
sumperim = 117.127567635891 **contacts** = 3663

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N = 1222

1222 circles in a square

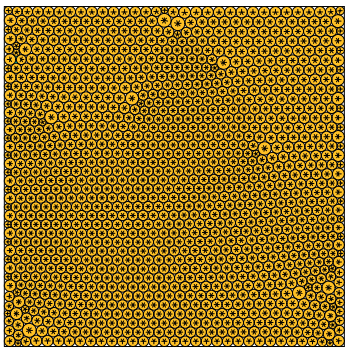


sumradii = 18.650463494209 **density** = 0.900175086001
sumperim = 117.184318198905 **contacts** = 3666

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N = 1223

1223 circles in a square

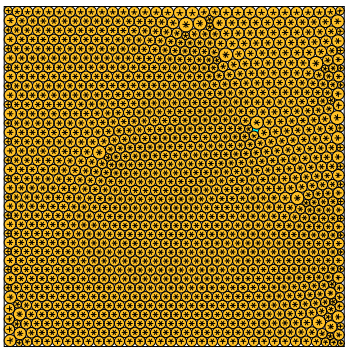


sumradii = 18.654489465964 **density** = 0.900278752798
sumperim = 117.209614125483 **contacts** = 3669

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N = 1224

1224 circles in a square



sumradii = 18.659305826462 **density** = 0.900157768459
sumperim = 117.239876210997 **contacts** = 3672

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