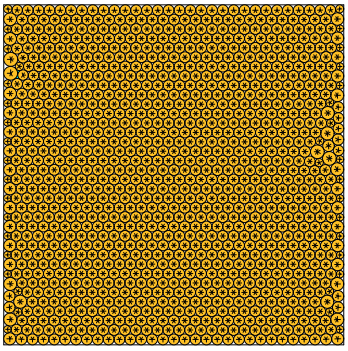
N = 1129

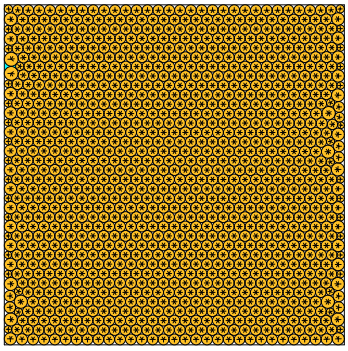
1129 circles in a square



sumradii = 17.946597073143 density = 0.899854586322
sumperim = 112.761795043847 contacts = 3387

N = 1130

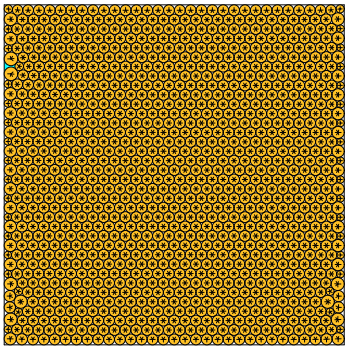
1130 circles in a square



sumradii = 17.955182094427 density = 0.899835656292
sumperim = 112.815736323435 contacts = 3390

N = 1131

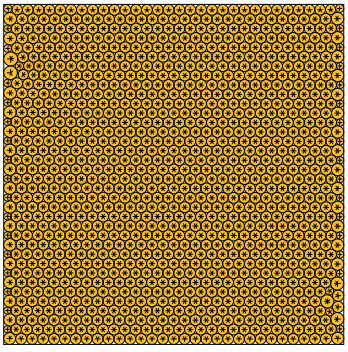
1131 circles in a square



sumradii = 17.963469092774 density = 0.899830136452
sumperim = 112.867805069694 contacts = 3393

N = 1132

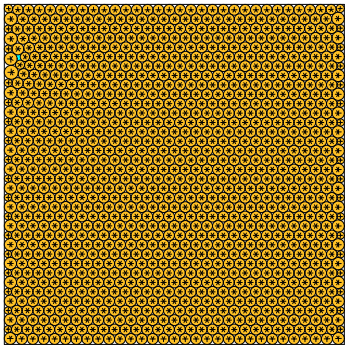
1132 circles in a square



sumradii = 17.971965284412 density = 0.899937084092
sumperim = 112.921188216100 contacts = 3396

N = 1133

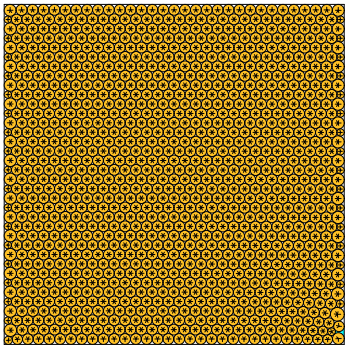
1133 circles in a square



sumradii = 17.979701575290 density = 0.899929479031
sumperim = 112.969796755339 contacts = 3399

N = 1134

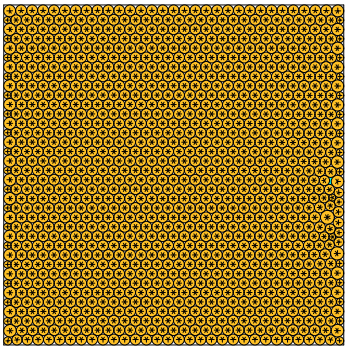
1134 circles in a square



sumradii = 17.988479967881 density = 0.899996982697
sumperim = 113.024953032685 contacts = 3402

N = 1135

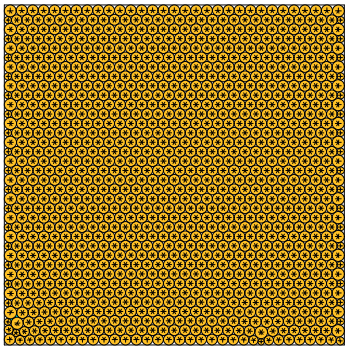
1135 circles in a square



sumradii = 17.995856107099 density = 0.899950850359
sumperim = 113.071298682241 contacts = 3405

N = 1136

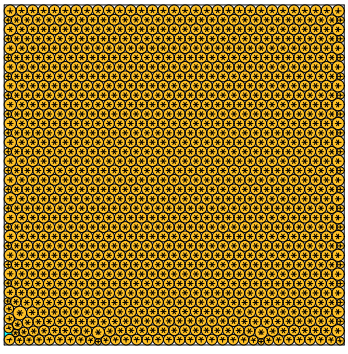
1136 circles in a square



sumradii = 18.002518309990 density = 0.900151767740
sumperim = 113.113159040215 contacts = 3408

N = 1137

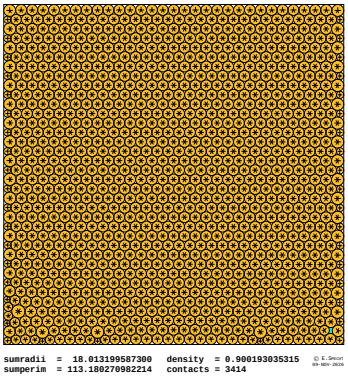
1137 circles in a square



sumradii = 18.008414628293 density = 0.900145633000
sumperim = 113.150206198089 contacts = 3411

N = 1138

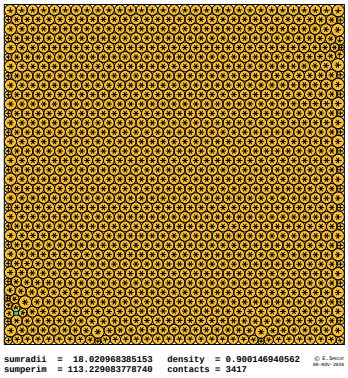
1138 circles in a square



sumradii = 18.013199587300 density = 0.900193035315
sumperim = 113.180270982214 contacts = 3414

N = 1139

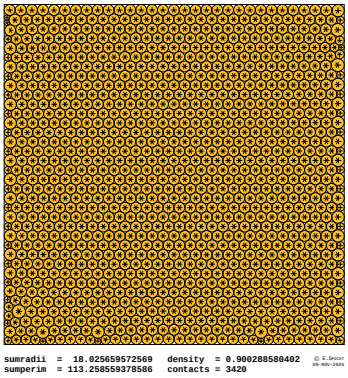
1139 circles in a square



sumradii = 18.020968385153 density = 0.900146940562
sumperim = 113.229083778740 contacts = 3417

N = 1140

1140 circles in a square



sumradii = 18.025659572569 density = 0.900288580402
sumperim = 113.258559378586 contacts = 3420