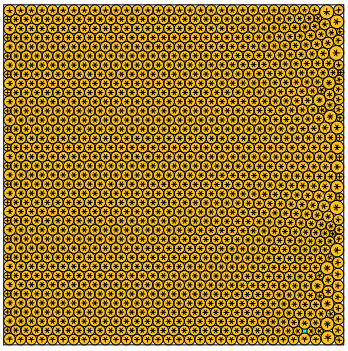
N = 1189

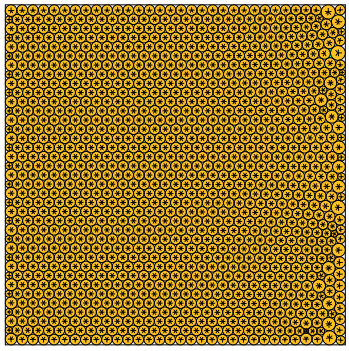
1189 circles in a square



sumradii = 18.413127798257 density = 0.899920018160
sumperim = 115.603004041226 contacts = 3567

N = 1190

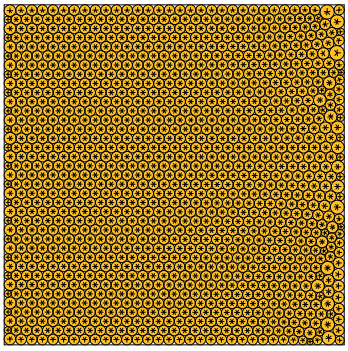
1190 circles in a square



sumradii = 18.419231914731 density = 0.900020208991
sumperim = 115.731447336170 contacts = 3570

N = 1191

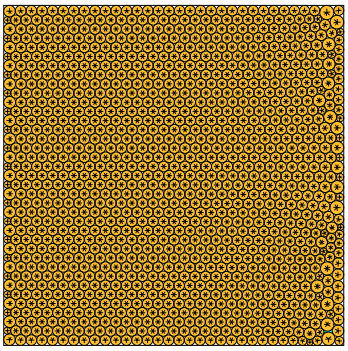
1191 circles in a square



sumradii = 18.428740189332 density = 0.900115935461
sumperim = 115.791189587440 contacts = 3573

N = 1192

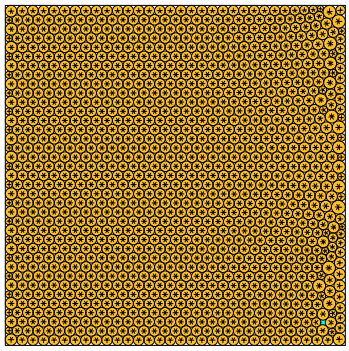
1192 circles in a square



sumradii = 18.437828786754 density = 0.900086330393
sumperim = 115.848294929223 contacts = 3576

N = 1193

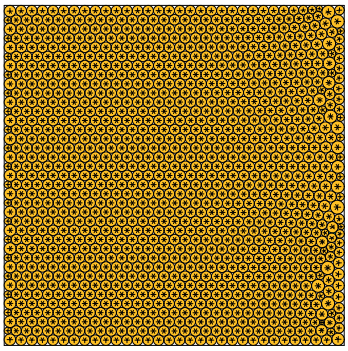
1193 circles in a square



sumradii = 18.446548032730 density = 0.900021826220
sumperim = 115.903079567433 contacts = 3579

N = 1194

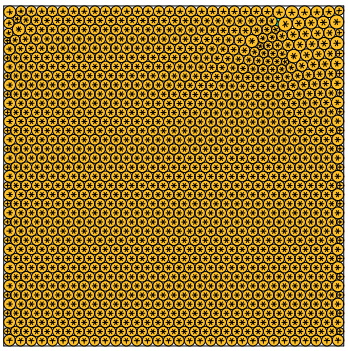
1194 circles in a square



sumradii = 18.453109387251 density = 0.900151931867
sumperim = 115.944305773752 contacts = 3582

N = 1195

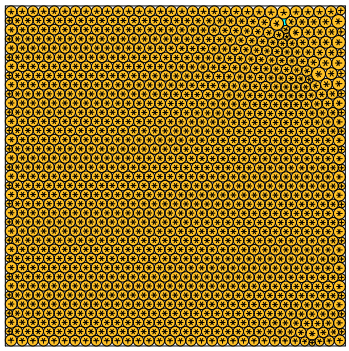
1195 circles in a square



sumradii = 18.457052727102 density = 0.900105032327
sumperim = 115.969082508766 contacts = 3585

N = 1196

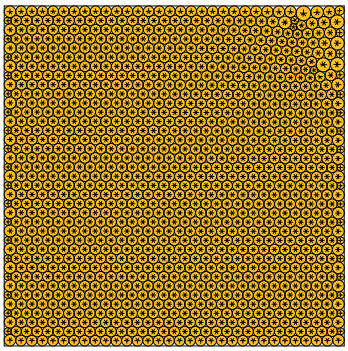
1196 circles in a square



sumradii = 18.466357405108 density = 0.900125649290
sumperim = 116.027545524899 contacts = 3588

N = 1197

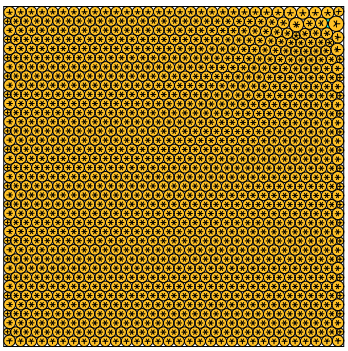
1197 circles in a square



sumradii = 18.476899831205 density = 0.900160099211
sumperim = 116.093785541658 contacts = 3591

N = 1198

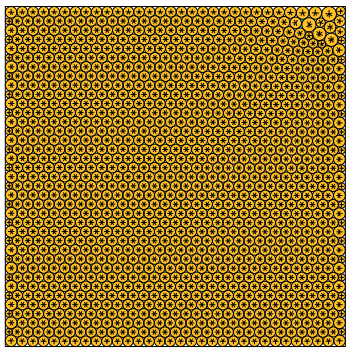
1198 circles in a square



sumradii = 18.486350028442 density = 0.900078961138
sumperim = 116.153162882084 contacts = 3594

N = 1199

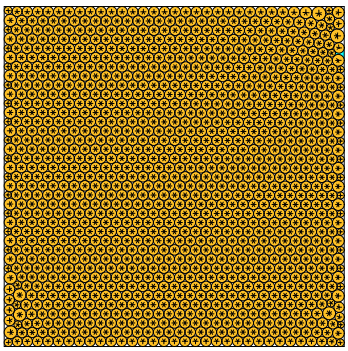
1199 circles in a square



sumradii = 18.494298364291 density = 0.900178551822
sumperim = 116.203103749111 contacts = 3597

N = 1200

1200 circles in a square



sumradii = 18.503801611736 density = 0.900075126624
sumperim = 116.262814413824 contacts = 3600