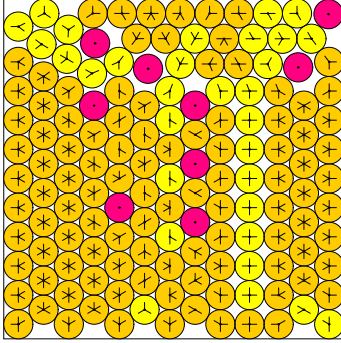


N = 145

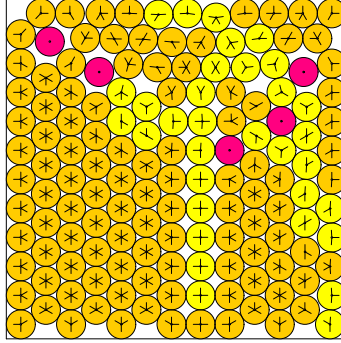
145 circles in a square



radius = 0.042871356703 density = 0.837244550889
 ratio = 23.325597249828 contacts = 312

N = 146

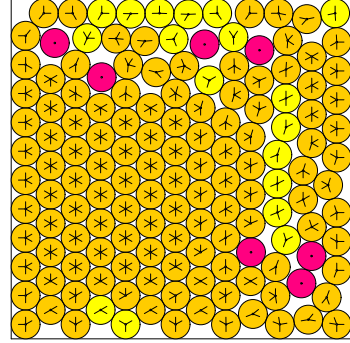
146 circles in a square



radius = 0.042651286119 density = 0.834385967362
 ratio = 23.445951834164 contacts = 332

N = 147

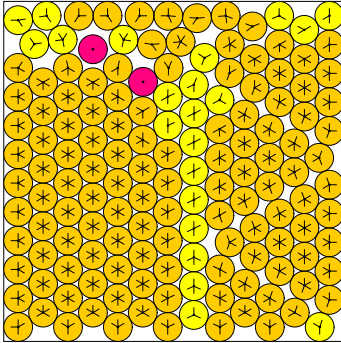
147 circles in a square



radius = 0.042446991405 density = 0.832072242029
 ratio = 23.558795733458 contacts = 332

N = 148

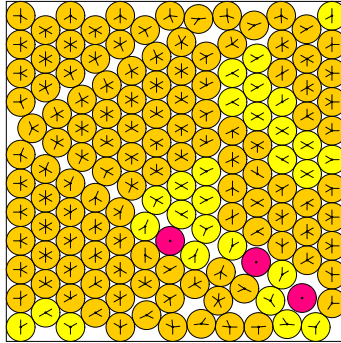
148 circles in a square



radius = 0.042330220755 density = 0.83129772939
 ratio = 23.623784193823 contacts = 366

N = 149

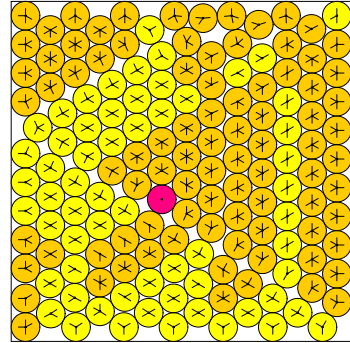
149 circles in a square



radius = 0.042251862707 density = 0.831566625753
 ratio = 23.667595602342 contacts = 328

N = 150

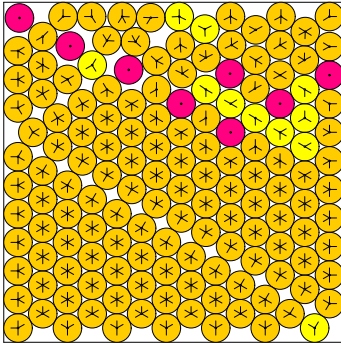
150 circles in a square



radius = 0.042145465901 density = 0.837033519761
 ratio = 23.727346771541 contacts = 328

N = 151

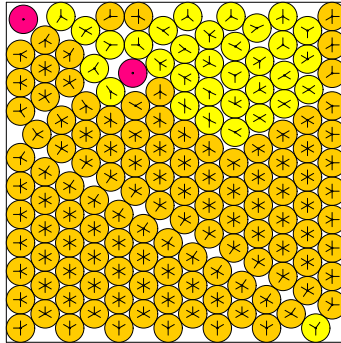
151 circles in a square



radius = 0.041977097109 density = 0.835894800506
 ratio = 23.822514391602 contacts = 359

N = 152

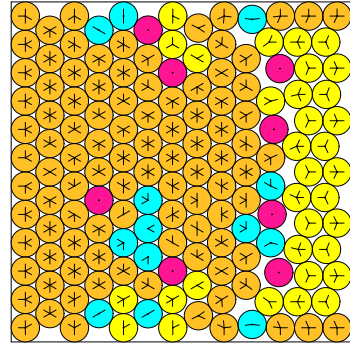
152 circles in a square



radius = 0.041779803129 density = 0.833519603496
 ratio = 23.935009864034 contacts = 376

N = 153

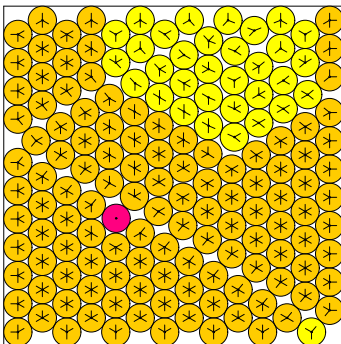
153 circles in a square



radius = 0.041658665151 density = 0.8349165076240
 ratio = 24.0046609758010 contacts = 343

N = 154

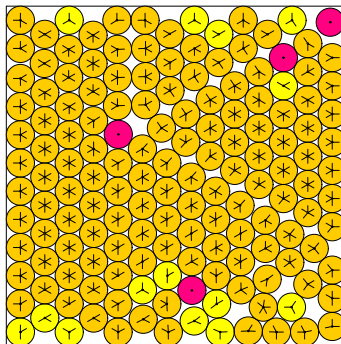
154 circles in a square



radius = 0.041551929851 density = 0.835320215261
 ratio = 24.066270894984 contacts = 381

N = 155

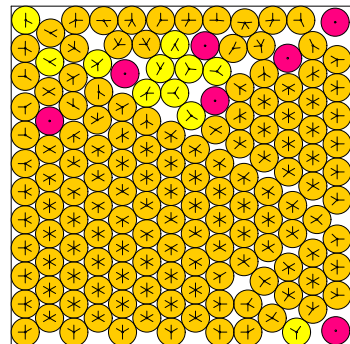
155 circles in a square



radius = 0.041438039286 density = 0.836141860614
 ratio = 24.132415944847 contacts = 359

N = 156

156 circles in a square



radius = 0.041299368525 density = 0.835913412296
 ratio = 24.213445282962 contacts = 369