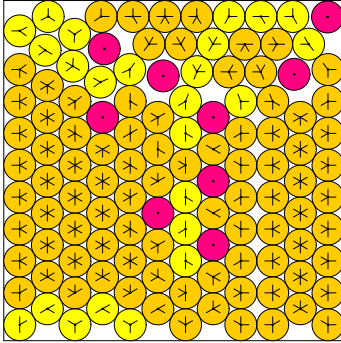


N = 121

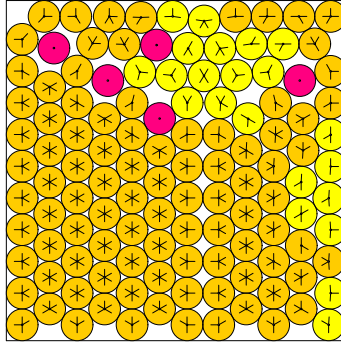
121 circles in a square



radius = 0.046891999625 density = 0.835858472004
 ratio = 21.325599419848 contacts = 259

N = 122

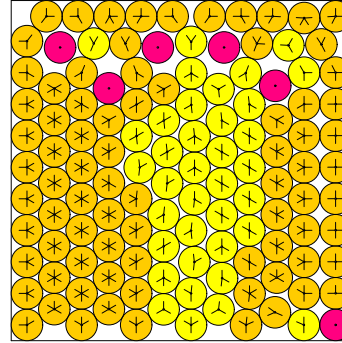
122 circles in a square



radius = 0.046626691142 density = 0.833256858758
 ratio = 21.446943274607 contacts = 282

N = 123

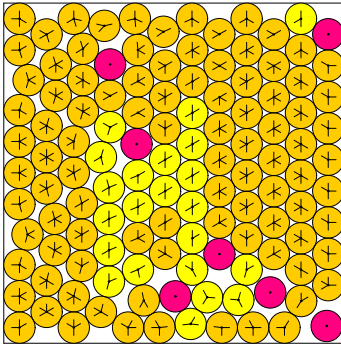
123 circles in a square



radius = 0.046348795249 density = 0.83102810047
 ratio = 21.575533832717 contacts = 264

N = 124

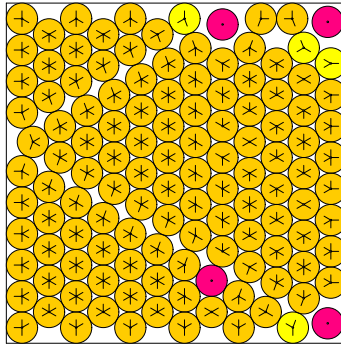
124 circles in a square



radius = 0.046099752157 density = 0.827882569490
 ratio = 21.692090390745 contacts = 258

N = 125

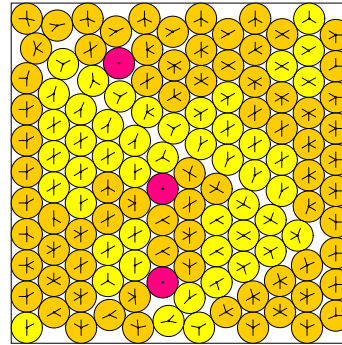
125 circles in a square



radius = 0.045978336543 density = 0.830168776967
 ratio = 21.749373187102 contacts = 308

N = 126

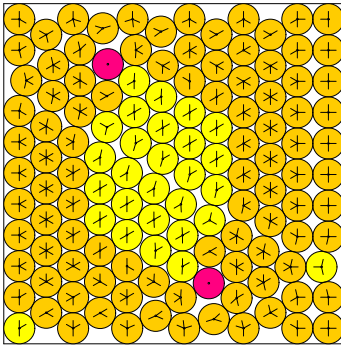
126 circles in a square



radius = 0.045828714873 density = 0.831372731264
 ratio = 21.8023880597973 contacts = 293

N = 127

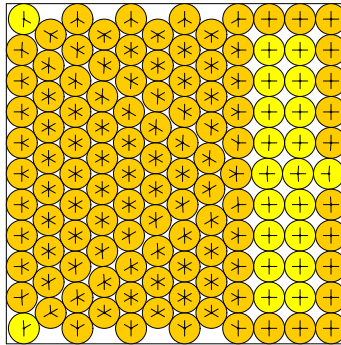
127 circles in a square



radius = 0.045663869682 density = 0.831953432091
 ratio = 21.899151494750 contacts = 276

N = 128

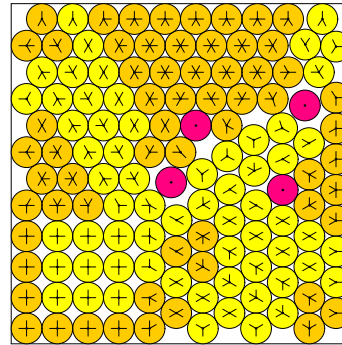
128 circles in a square



radius = 0.045473271987 density = 0.831519142297
 ratio = 21.990480090907 contacts = 328

N = 129

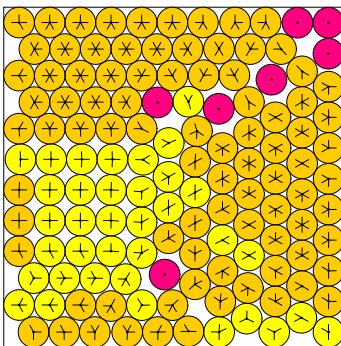
129 circles in a square



radius = 0.045200351062 density = 0.827986312298
 ratio = 22.123721973652 contacts = 272

N = 130

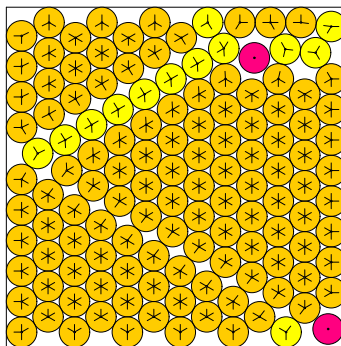
130 circles in a square



radius = 0.045043162020 density = 0.828611517477
 ratio = 22.200928068863 contacts = 297

N = 131

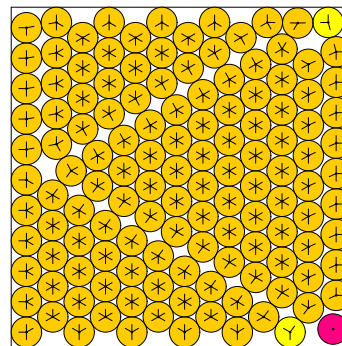
131 circles in a square



radius = 0.044887232368 density = 0.829214381767
 ratio = 22.278049842942 contacts = 338

N = 132

132 circles in a square



radius = 0.044746370935 density = 0.830308417788
 ratio = 22.348181072707 contacts = 347