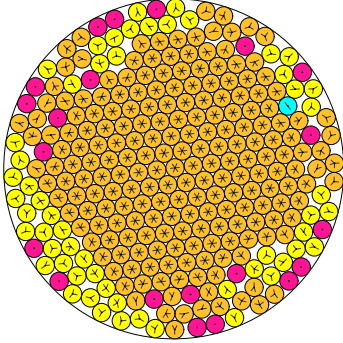


N = 289

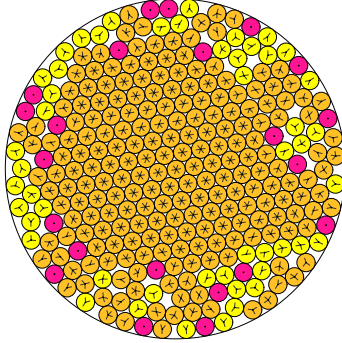
289 circles in a circle



radius = 0.054020521554 density = 0.843364640451
 ratio = 18.511483622023 contacts = 664

N = 290

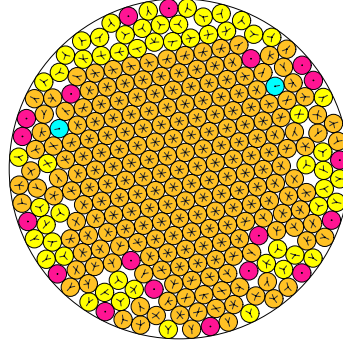
290 circles in a circle



radius = 0.053912352041 density = 0.842897093752
 ratio = 18.548624983742 contacts = 634

N = 291

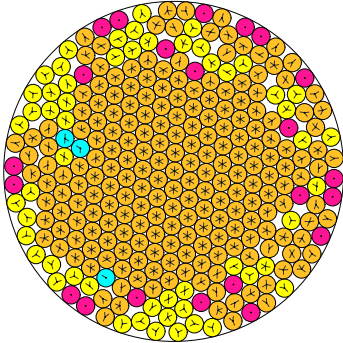
291 circles in a circle



radius = 0.053861778013 density = 0.844217519040
 ratio = 18.566041391330 contacts = 652

N = 292

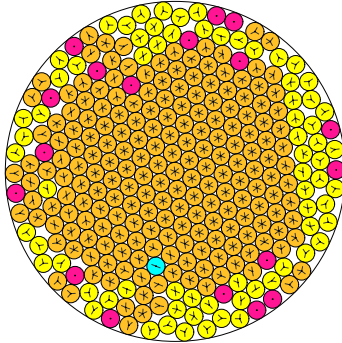
292 circles in a circle



radius = 0.053779816800 density = 0.844542489952
 ratio = 18.594336304991 contacts = 643

N = 293

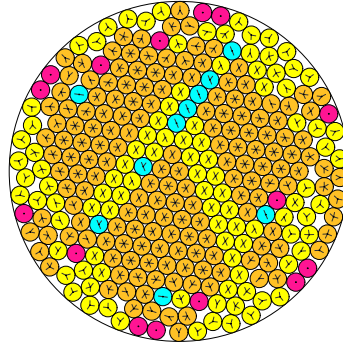
293 circles in a circle



radius = 0.053697651228 density = 0.844847259989
 ratio = 18.622788467134 contacts = 648

N = 294

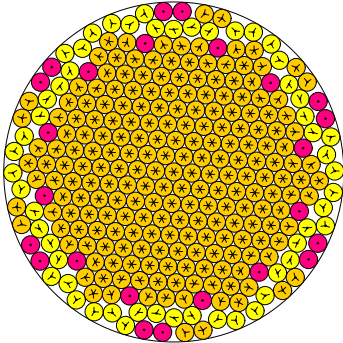
294 circles in a circle



radius = 0.053633769640 density = 0.845777960753
 ratio = 18.644674272784 contacts = 603

N = 295

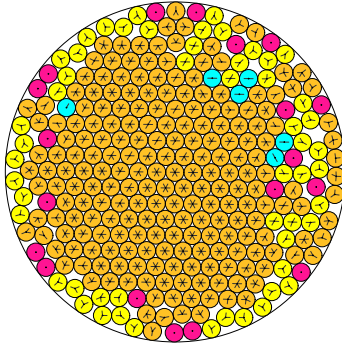
295 circles in a circle



radius = 0.053606306614 density = 0.8467659397823
 ratio = 18.65921752105 contacts = 690

N = 296

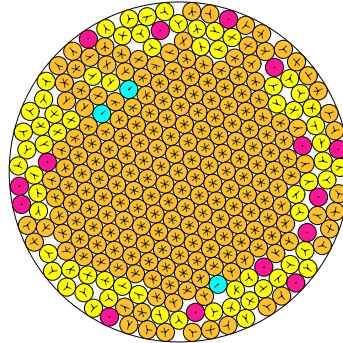
296 circles in a circle



radius = 0.053468572294 density = 0.846230914055
 ratio = 18.702575309126 contacts = 638

N = 297

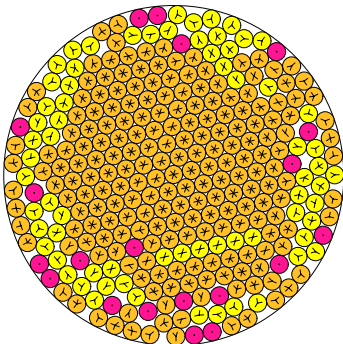
297 circles in a circle



radius = 0.0533909292332 density = 0.846625499619
 ratio = 18.729774653309 contacts = 677

N = 298

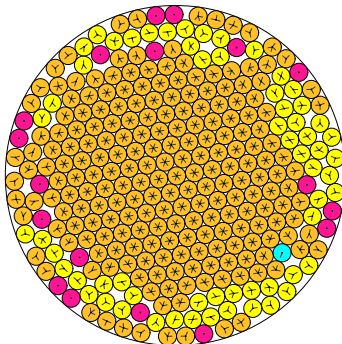
298 circles in a circle



radius = 0.053306766953 density = 0.846800166330
 ratio = 18.759344749485 contacts = 652

N = 299

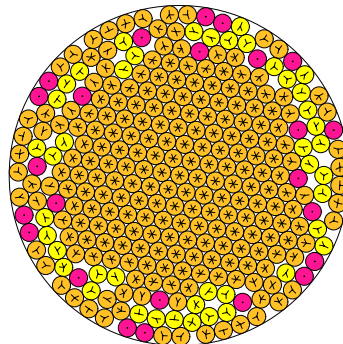
299 circles in a circle



radius = 0.053233238500 density = 0.847299526678
 ratio = 18.785255759707 contacts = 689

N = 300

300 circles in a circle



radius = 0.053154299147 density = 0.847613855338
 ratio = 18.813153706293 contacts = 679