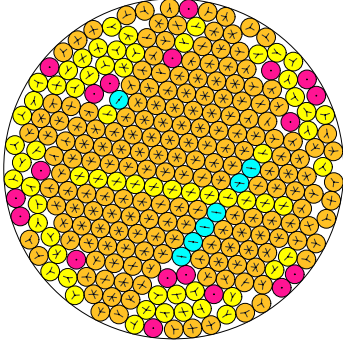


N = 277

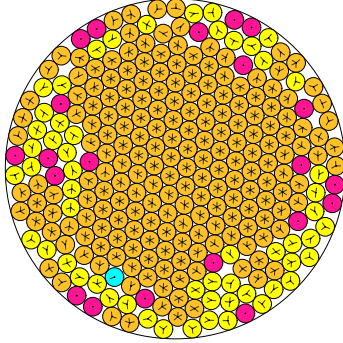
277 circles in a circle



radius = 0.055138711870 density = 0.842156880431
 ratio = 18.136078375528 contacts = 568

N = 278

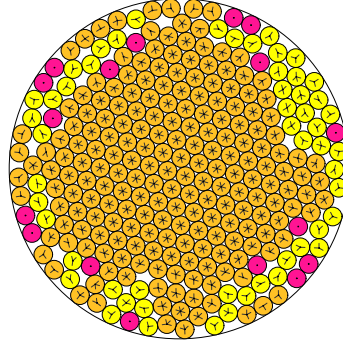
278 circles in a circle



radius = 0.055005421847 density = 0.841115808253
 ratio = 18.180026012373 contacts = 614

N = 279

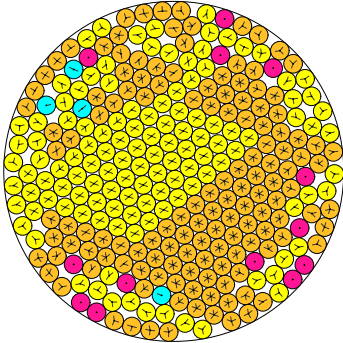
279 circles in a circle



radius = 0.054892667943 density = 0.840684193298
 ratio = 18.217369231140 contacts = 649

N = 280

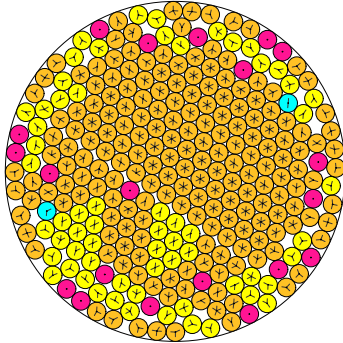
280 circles in a circle



radius = 0.0548806763919 density = 0.841058783956
 ratio = 18.240923103176 contacts = 561

N = 281

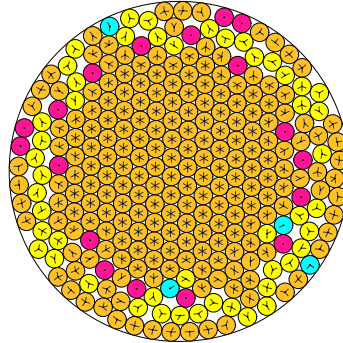
281 circles in a circle



radius = 0.054703982953 density = 0.840899736009
 ratio = 18.280204853088 contacts = 583

N = 282

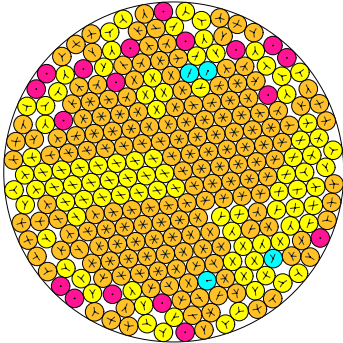
282 circles in a circle



radius = 0.054623097825 density = 0.841398541112
 ratio = 18.307273659282 contacts = 629

N = 283

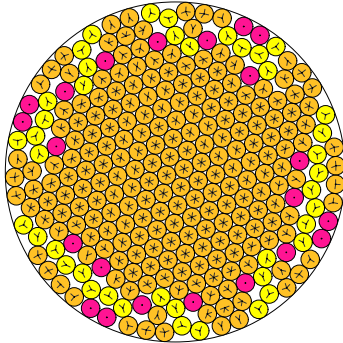
283 circles in a circle



radius = 0.054526159293 density = 0.841363807334
 ratio = 18.340083330584 contacts = 576

N = 284

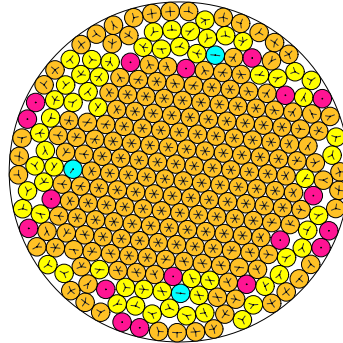
284 circles in a circle



radius = 0.054467927319 density = 0.842558450226
 ratio = 18.359428185019 contacts = 630

N = 285

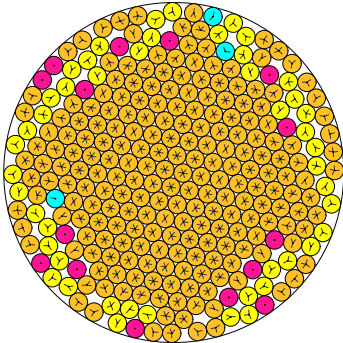
285 circles in a circle



radius = 0.054345727175 density = 0.841735547721
 ratio = 18.400710635077 contacts = 630

N = 286

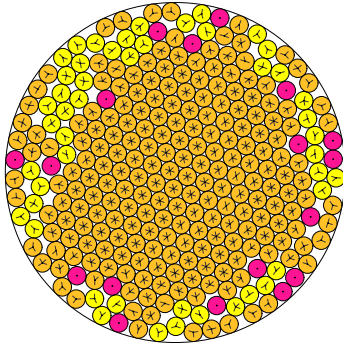
286 circles in a circle



radius = 0.054261592939 density = 0.842075630960
 ratio = 18.429241743084 contacts = 623

N = 287

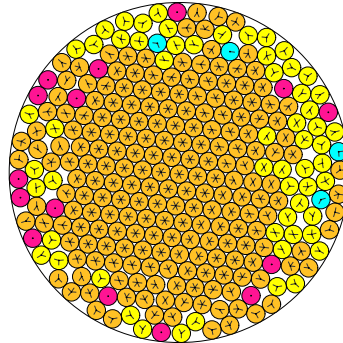
287 circles in a circle



radius = 0.054149357525 density = 0.841527888146
 ratio = 18.467439794630 contacts = 641

N = 288

288 circles in a circle



radius = 0.054070753970 density = 0.842010173247
 ratio = 18.494286219031 contacts = 637