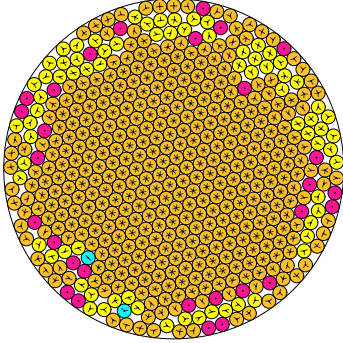


N = 505

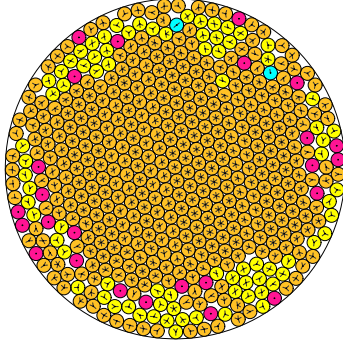
505 circles in a circle



radius = 0.041171083540 density = 0.856004350528
 ratio = 24.288891960505 contacts = 1205

N = 506

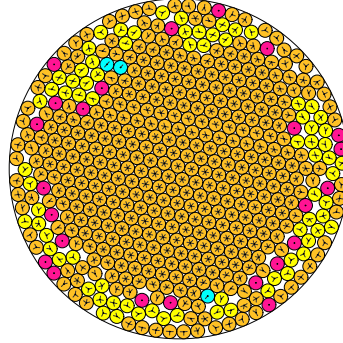
506 circles in a circle



radius = 0.041118009195 density = 0.855489484161
 ratio = 24.320243600743 contacts = 1146

N = 507

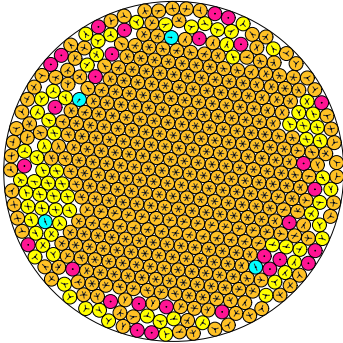
507 circles in a circle



radius = 0.041070554770 density = 0.855202767842
 ratio = 24.348344102000 contacts = 1194

N = 508

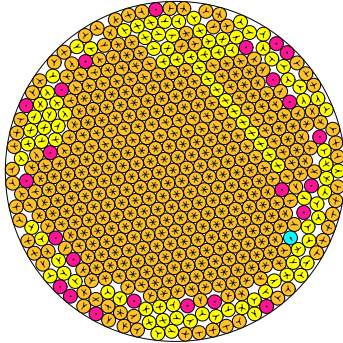
508 circles in a circle



radius = 0.041022501874 density = 0.855010636439
 ratio = 24.375082675923 contacts = 1185

N = 509

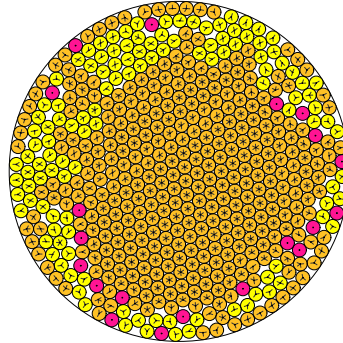
509 circles in a circle



radius = 0.040985369947 density = 0.855018479793
 ratio = 24.398950193524 contacts = 1185

N = 510

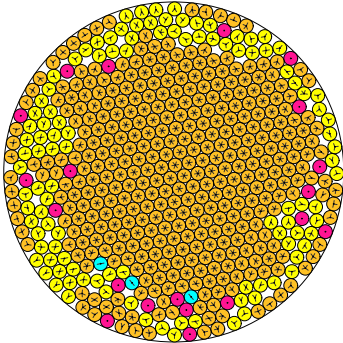
510 circles in a circle



radius = 0.040960073712 density = 0.855641095631
 ratio = 24.414018943903 contacts = 1164

N = 511

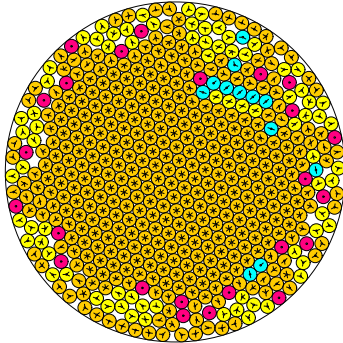
511 circles in a circle



radius = 0.040913464209 density = 0.855568803880
 ratio = 24.441831542097 contacts = 1214

N = 512

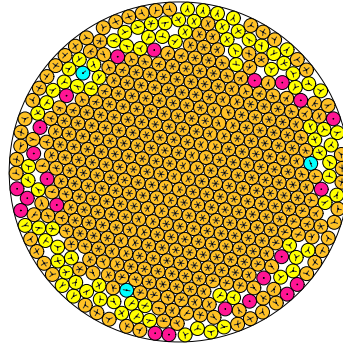
512 circles in a circle



radius = 0.040866764409 density = 0.855087325823
 ratio = 24.469762029493 contacts = 1193

N = 513

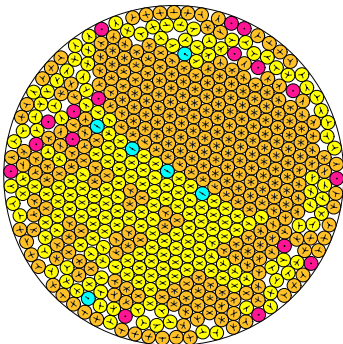
513 circles in a circle



radius = 0.040849607564 density = 0.855038194762
 ratio = 24.480039335342 contacts = 1213

N = 514

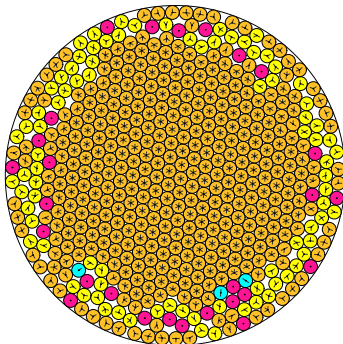
514 circles in a circle



radius = 0.040798332654 density = 0.855555028936
 ratio = 24.510805588080 contacts = 1093

N = 515

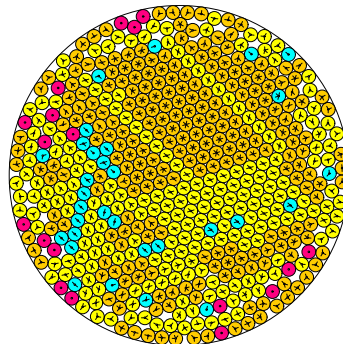
515 circles in a circle



radius = 0.040789652303 density = 0.856854803525
 ratio = 24.516021675587 contacts = 1229

N = 516

516 circles in a circle



radius = 0.040723511685 density = 0.855736672430
 ratio = 24.555839087315 contacts = 1021