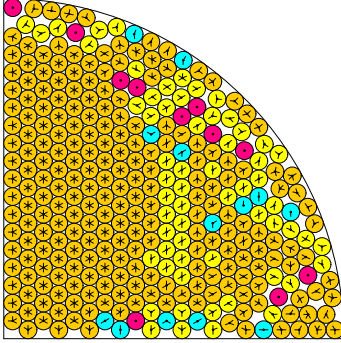


N = 313

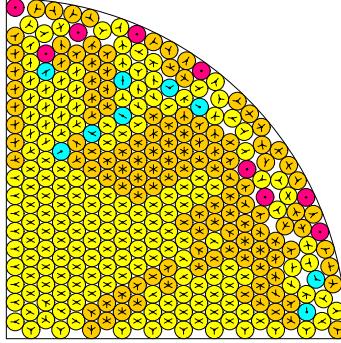
313 circles in a circular quadrant



radius = 0.026113588346 density = 0.853763209371
 ratio = 38.294239257801 contacts = 712

N = 314

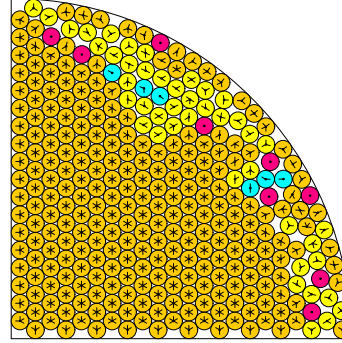
314 circles in a circular quadrant



radius = 0.026071627271 density = 0.853740564177
 ratio = 38.355872060174 contacts = 620

N = 315

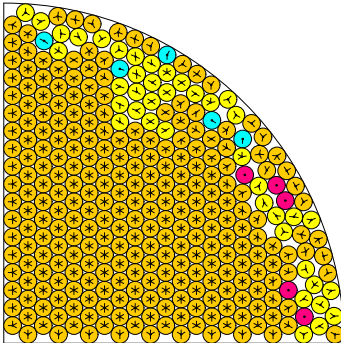
315 circles in a circular quadrant



radius = 0.026044245373 density = 0.854661423482
 ratio = 38.396197919284 contacts = 789

N = 316

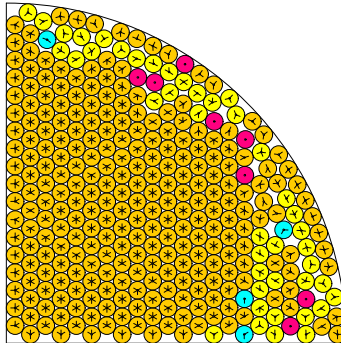
316 circles in a circular quadrant



radius = 0.0260017289776 density = 0.854577632884
 ratio = 38.458981267976 contacts = 810

N = 317

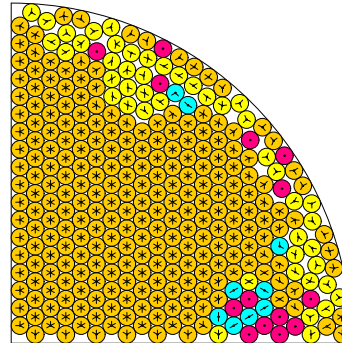
317 circles in a circular quadrant



radius = 0.025956667301 density = 0.854313196083
 ratio = 38.523747100743 contacts = 788

N = 318

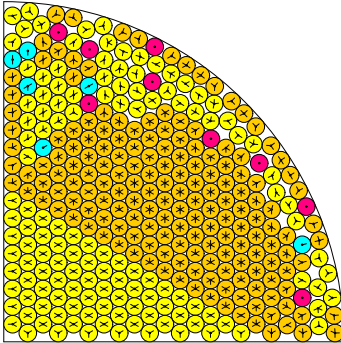
318 circles in a circular quadrant



radius = 0.025913439058 density = 0.854154725383
 ratio = 38.590044709277 contacts = 785

N = 319

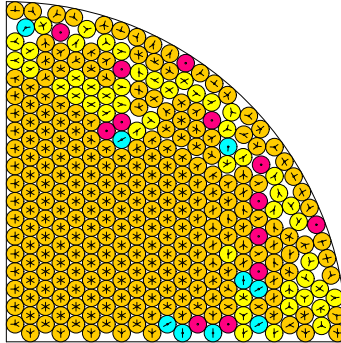
319 circles in a circular quadrant



radius = 0.025873880130 density = 0.854227990714
 ratio = 38.649015724802 contacts = 687

N = 320

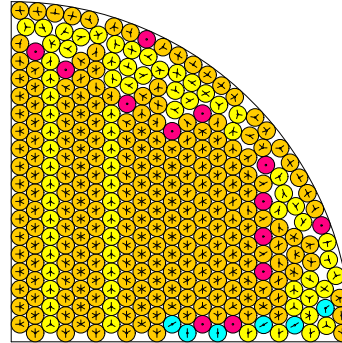
320 circles in a circular quadrant



radius = 0.025833604706 density = 0.854240169113
 ratio = 38.709270780808 contacts = 741

N = 321

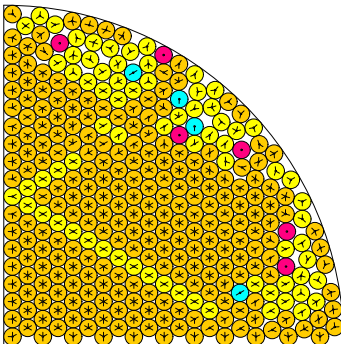
321 circles in a circular quadrant



radius = 0.025791892763 density = 0.854144704271
 ratio = 38.771873363033 contacts = 709

N = 322

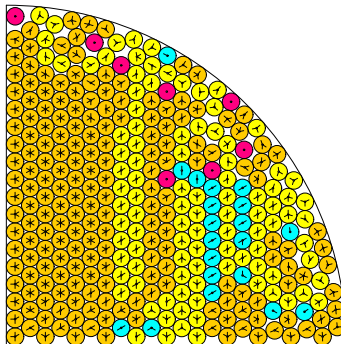
322 circles in a circular quadrant



radius = 0.025741939572 density = 0.854089919347
 ratio = 38.847111625669 contacts = 745

N = 323

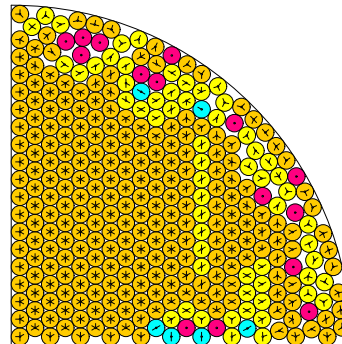
323 circles in a circular quadrant



radius = 0.025718394670 density = 0.854575085124
 ratio = 38.882675720356 contacts = 690

N = 324

324 circles in a circular quadrant



radius = 0.025685766036 density = 0.855047115576
 ratio = 38.932068392115 contacts = 764