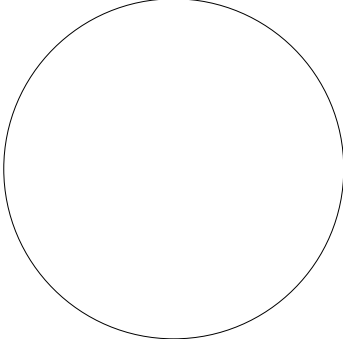


N = 493

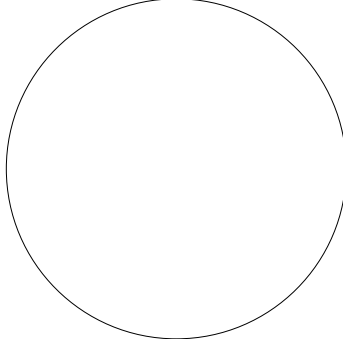
493 spheres in a sphere



radius = 0.107108187817 density = 0.605780003900
ratio = 9.336354394386 contacts = 1426

N = 494

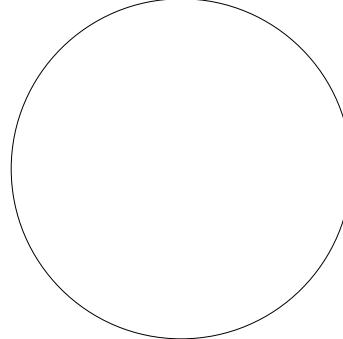
494 spheres in a sphere



radius = 0.107040073590 density = 0.605851442037
ratio = 9.342295520371 contacts = 1420

N = 495

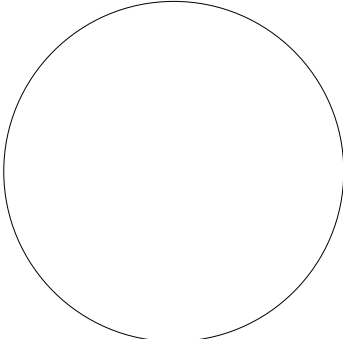
495 spheres in a sphere



radius = 0.106938263603 density = 0.605347262779
ratio = 9.351189801552 contacts = 1449

N = 496

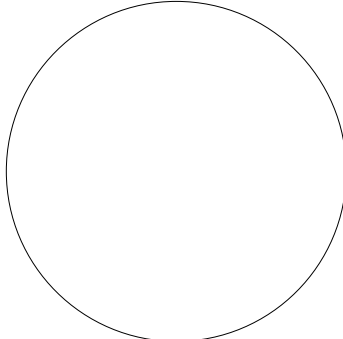
496 spheres in a sphere



radius = 0.106870917453 density = 0.605424915111
ratio = 9.357088379924 contacts = 1437

N = 497

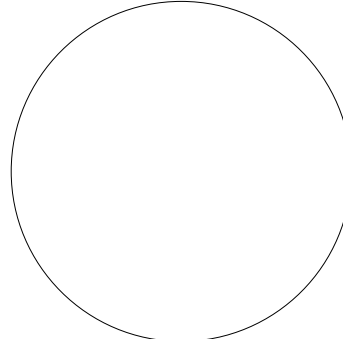
497 spheres in a sphere



radius = 0.106803651805 density = 0.605500763994
ratio = 9.362979732569 contacts = 1435

N = 498

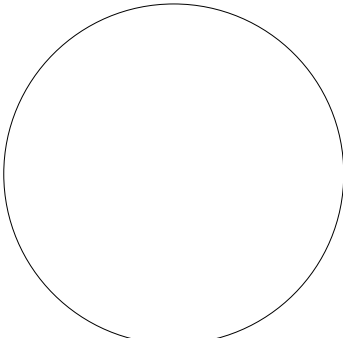
498 spheres in a sphere



radius = 0.106729089159 density = 0.605449259127
ratio = 9.369516856930 contacts = 1443

N = 499

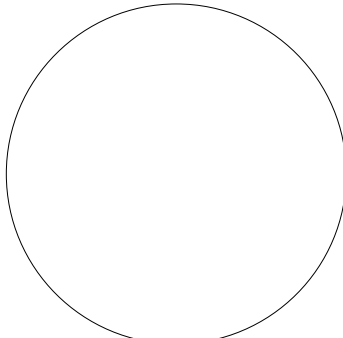
499 spheres in a sphere



radius = 0.106674106659 density = 0.605727915942
ratio = 9.374346140031 contacts = 1440

N = 500

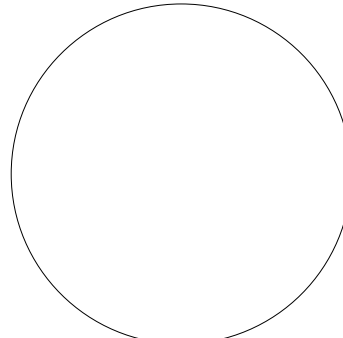
500 spheres in a sphere



radius = 0.106604412779 density = 0.605752968432
ratio = 9.380474728312 contacts = 1450

N = 501

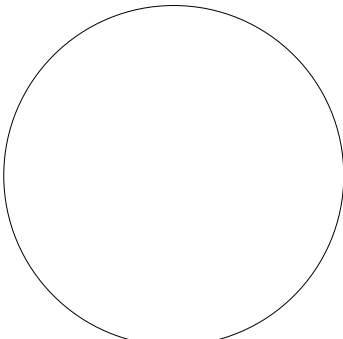
501 spheres in a sphere



radius = 0.106542750183 density = 0.605911834248
ratio = 9.385903764286 contacts = 1450

N = 502

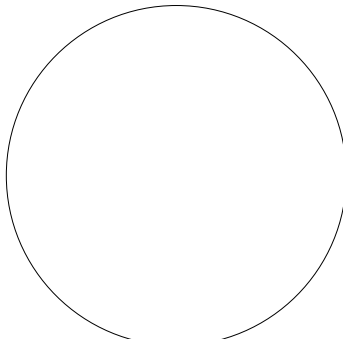
502 spheres in a sphere



radius = 0.106475228019 density = 0.605967669343
ratio = 9.391855914331 contacts = 1453

N = 503

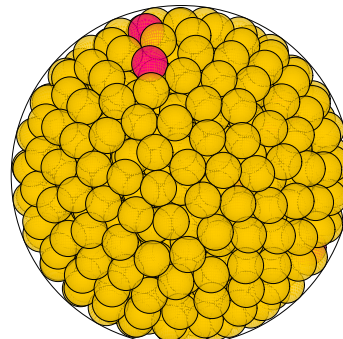
503 spheres in a sphere



radius = 0.106397370497 density = 0.605843802878
ratio = 9.398728514895 contacts = 1469

N = 504

504 spheres in a sphere



radius = 0.106331698068 density = 0.605924878849
ratio = 9.404533343956 contacts = 1473