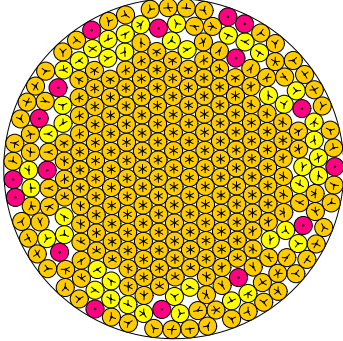


N = 301

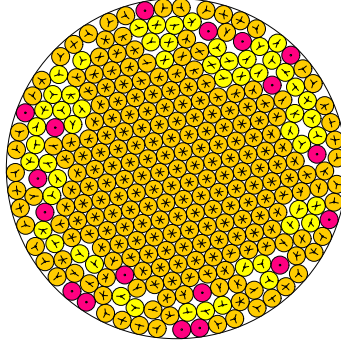
301 circles in a circle



radius = 0.053067347691 density = 0.847659160683  
 ratio = 18.843979273660 contacts = 686

N = 302

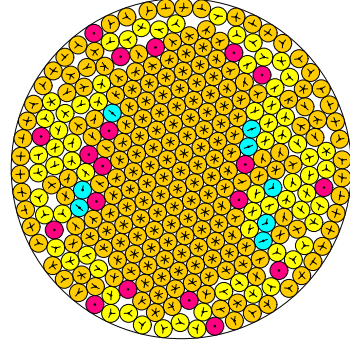
302 circles in a circle



radius = 0.052922141106 density = 0.845827411798  
 ratio = 18.895682961975 contacts = 679

N = 303

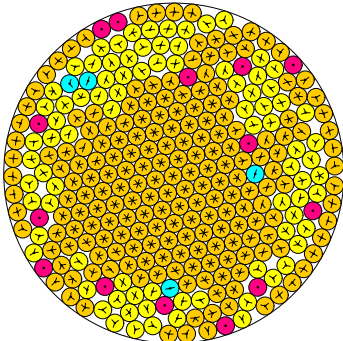
303 circles in a circle



radius = 0.052808665544 density = 0.844992812418  
 ratio = 18.936286113390 contacts = 633

N = 304

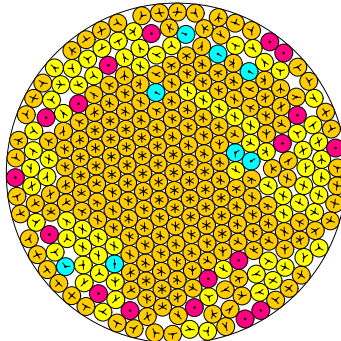
304 circles in a circle



radius = 0.052705568737 density = 0.844474600686  
 ratio = 18.973327182374 contacts = 657

N = 305

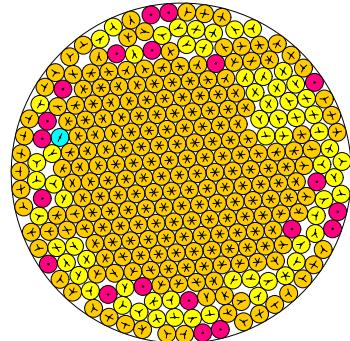
305 circles in a circle



radius = 0.052601377627 density = 0.843906003118  
 ratio = 19.020908934646 contacts = 615

N = 306

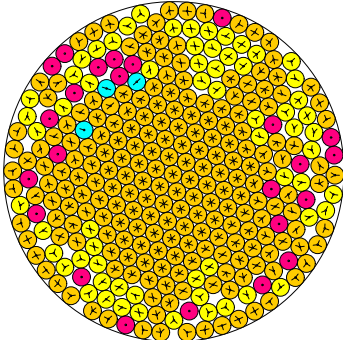
306 circles in a circle



radius = 0.052540133056 density = 0.844702467954  
 ratio = 19.033069423953 contacts = 679

N = 307

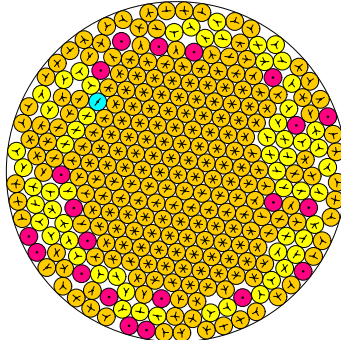
307 circles in a circle



radius = 0.052455214572 density = 0.844725707490  
 ratio = 19.063881601837 contacts = 635

N = 308

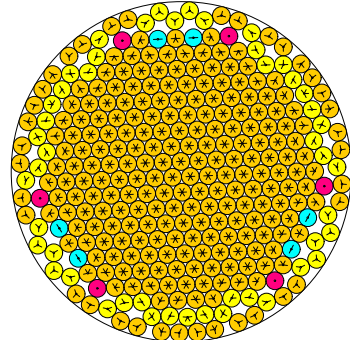
308 circles in a circle



radius = 0.052366595950 density = 0.842361705810  
 ratio = 19.121680199494 contacts = 665

N = 309

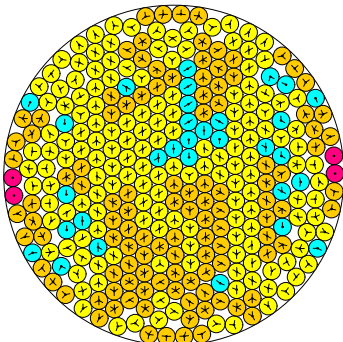
309 circles in a circle



radius = 0.052228187017 density = 0.8432985107400  
 ratio = 19.146749238542 contacts = 762

N = 310

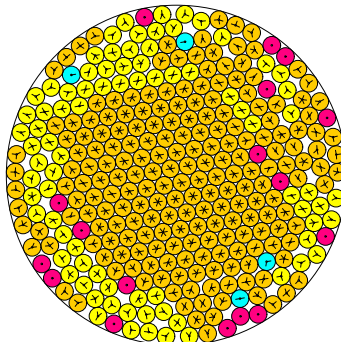
310 circles in a circle



radius = 0.052124437081 density = 0.842256651720  
 ratio = 19.1848859463181 contacts = 568

N = 311

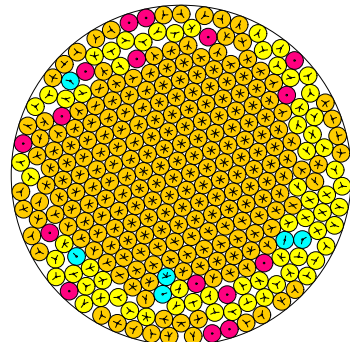
311 circles in a circle



radius = 0.052052464039 density = 0.842641752911  
 ratio = 19.211386405118 contacts = 645

N = 312

312 circles in a circle



radius = 0.051989175804 density = 0.843296813039  
 ratio = 19.234773095314 contacts = 691