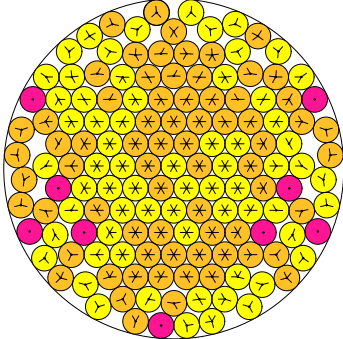


N = 145

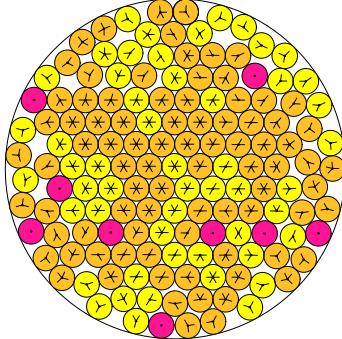
145 circles in a circle



radius = 0.075320099332 density = 0.822602017692
 ratio = 13.27666829863 contacts = 308

N = 146

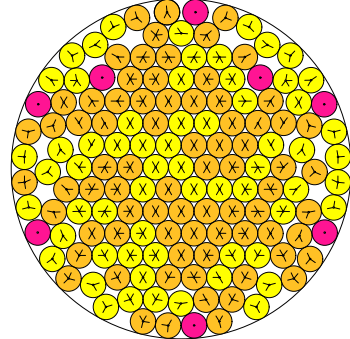
146 circles in a circle



radius = 0.075011811915 density = 0.821508701301
 ratio = 13.331233768057 contacts = 298

N = 147

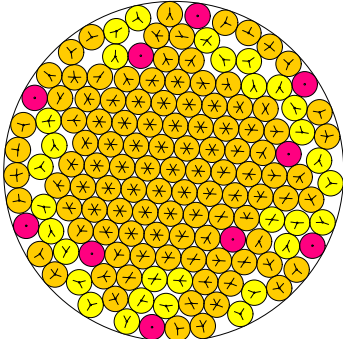
147 circles in a circle



radius = 0.074866480342 density = 0.823933512175
 ratio = 13.357112494628 contacts = 283

N = 148

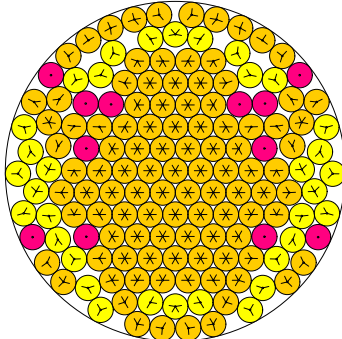
148 circles in a circle



radius = 0.074699673575 density = 0.825846102371
 ratio = 13.386939355149 contacts = 310

N = 149

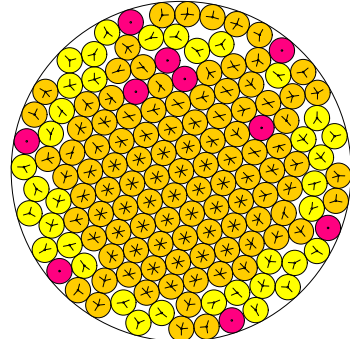
149 circles in a circle



radius = 0.074429413778 density = 0.82542097662
 ratio = 13.432548518285 contacts = 314

N = 150

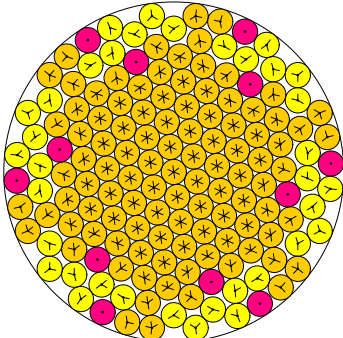
150 circles in a circle



radius = 0.074289754450 density = 0.827845142439
 ratio = 13.460806370970 contacts = 312

N = 151

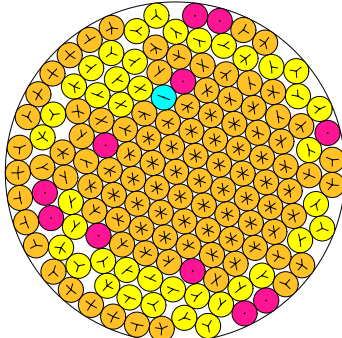
151 circles in a circle



radius = 0.074204941313 density = 0.831462370607
 ratio = 13.476191508334 contacts = 330

N = 152

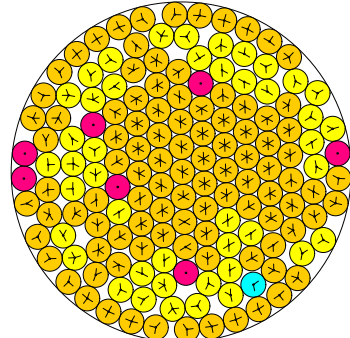
152 circles in a circle



radius = 0.073900279846 density = 0.830110206923
 ratio = 13.51748487044 contacts = 312

N = 153

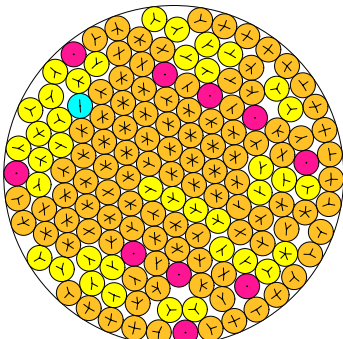
153 circles in a circle



radius = 0.07375197788 density = 0.828236388628
 ratio = 13.591536687087 contacts = 307

N = 154

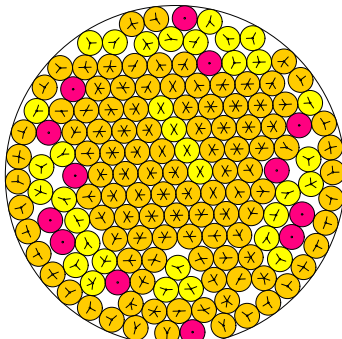
154 circles in a circle



radius = 0.073330461528 density = 0.828112914545
 ratio = 13.636897670606 contacts = 301

N = 155

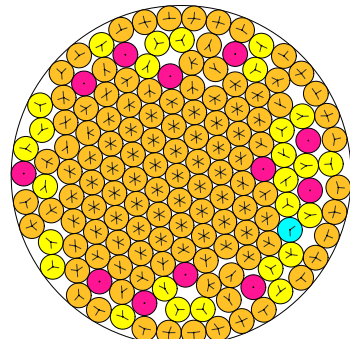
155 circles in a circle



radius = 0.073133048707 density = 0.829008636033
 ratio = 13.673708640433 contacts = 302

N = 156

156 circles in a circle



radius = 0.072905624811 density = 0.829175900137
 ratio = 13.716362799062 contacts = 324