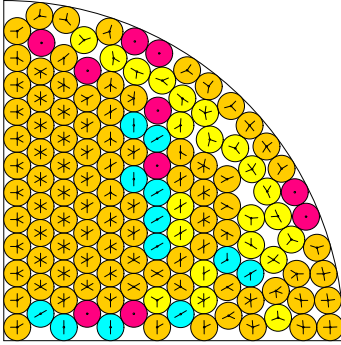


N = 133

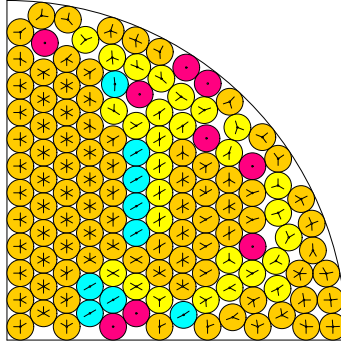
133 circles in a circular quadrant



radius = 0.039571148531 density = 0.833045923506
 ratio = 25.270936960960 contacts = 264

N = 134

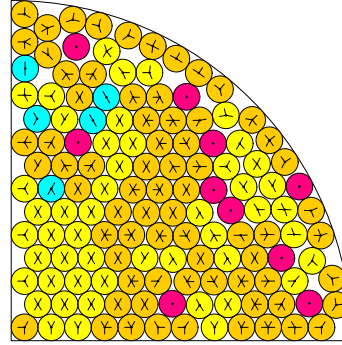
134 circles in a circular quadrant



radius = 0.039418708598 density = 0.832855338934
 ratio = 25.36866466031 contacts = 272

N = 135

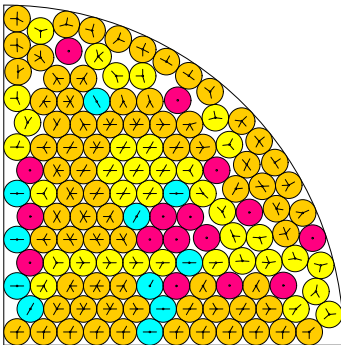
135 circles in a circular quadrant



radius = 0.039228586335 density = 0.830996272364
 ratio = 25.491614493946 contacts = 247

N = 136

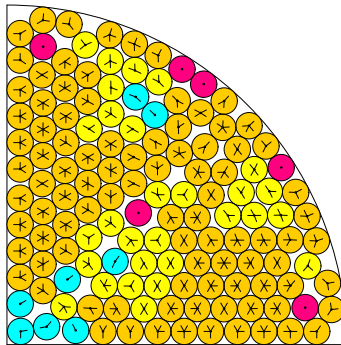
136 circles in a circular quadrant



radius = 0.039040377175 density = 0.829138171183
 ratio = 25.614506490318 contacts = 232

N = 137

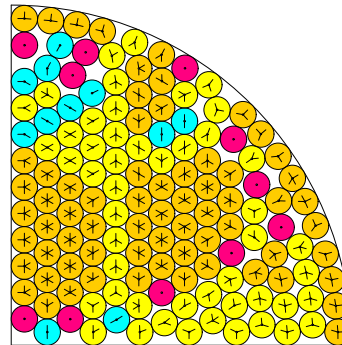
137 circles in a circular quadrant



radius = 0.038869399421 density = 0.827957960424
 ratio = 25.726821679264 contacts = 275

N = 138

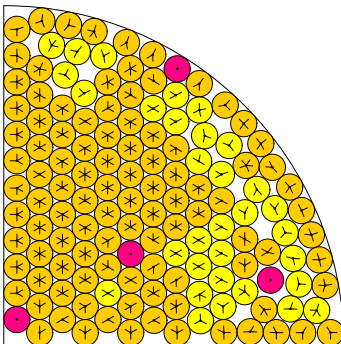
138 circles in a circular quadrant



radius = 0.038753806920 density = 0.82925368054
 ratio = 25.803916959576 contacts = 261

N = 139

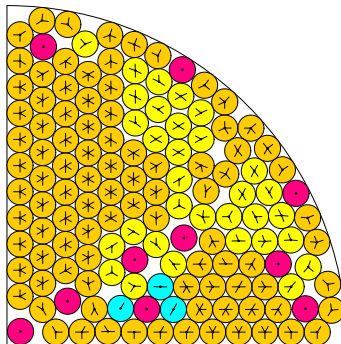
139 circles in a circular quadrant



radius = 0.038630068471 density = 0.829708897661
 ratio = 25.886570736032 contacts = 300

N = 140

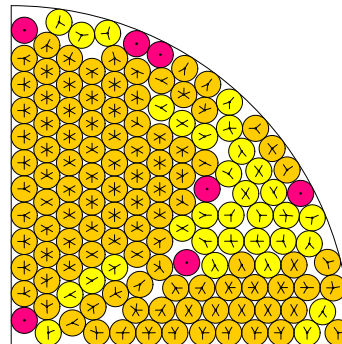
140 circles in a circular quadrant



radius = 0.038508217172 density = 0.830414362272
 ratio = 25.968483441643 contacts = 283

N = 141

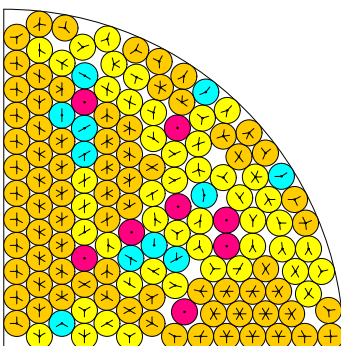
141 circles in a circular quadrant



radius = 0.038360609675 density = 0.829246515315
 ratio = 26.068407370487 contacts = 304

N = 142

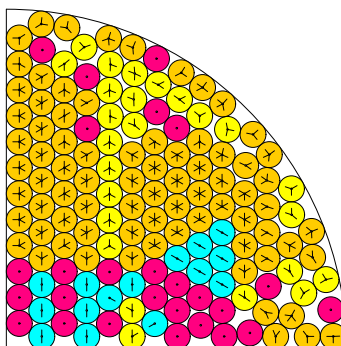
142 circles in a circular quadrant



radius = 0.038243452003 density = 0.830735000779
 ratio = 26.148267157663 contacts = 272

N = 143

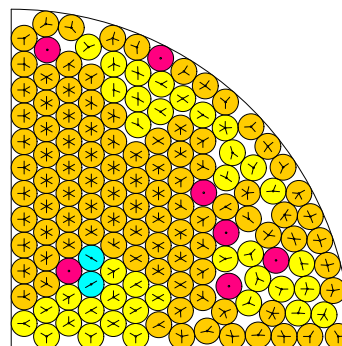
143 circles in a circular quadrant



radius = 0.038140151286 density = 0.832071892134
 ratio = 26.219084488550 contacts = 237

N = 144

144 circles in a circular quadrant



radius = 0.038010484626 density = 0.832203038289
 ratio = 26.308530655409 contacts = 306