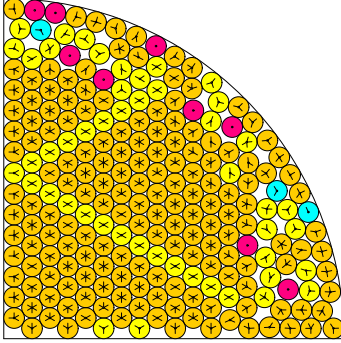


N = 229

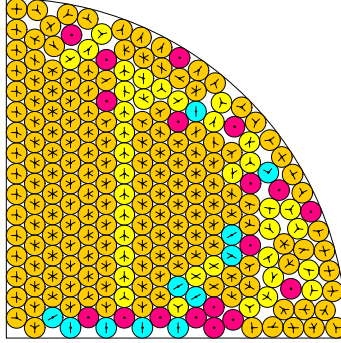
229 circles in a circular quadrant



radius = 0.030389743945 density = 0.845593467944  
 ratio = 32.905838292097 contacts = 507

N = 230

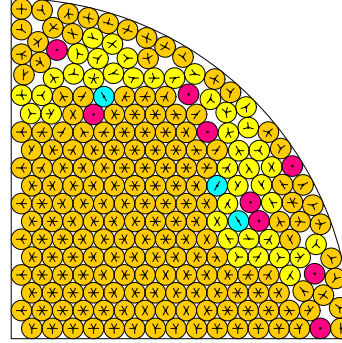
230 circles in a circular quadrant



radius = 0.030327668614 density = 0.846186084889  
 ratio = 32.973190676797 contacts = 472

N = 231

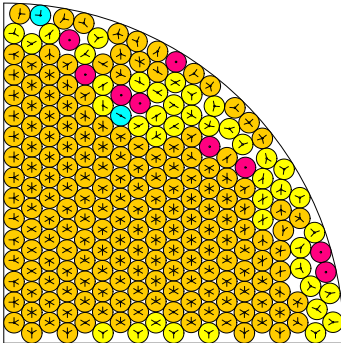
231 circles in a circular quadrant



radius = 0.030262707641 density = 0.846228281769  
 ratio = 33.043969887183 contacts = 518

N = 232

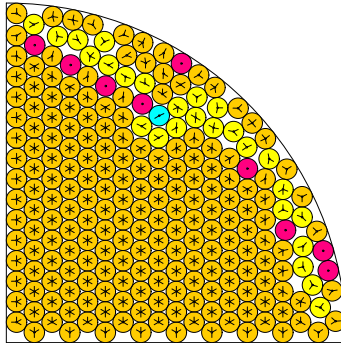
232 circles in a circular quadrant



radius = 0.030185107209 density = 0.845538567047  
 ratio = 33.128919930899 contacts = 532

N = 233

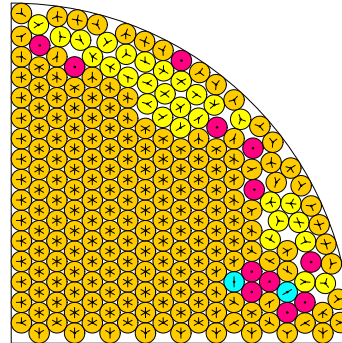
233 circles in a circular quadrant



radius = 0.030120188393 density = 0.846198712230  
 ratio = 33.187288914987 contacts = 584

N = 234

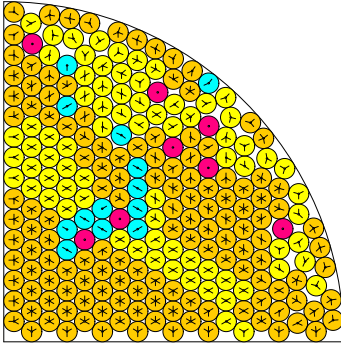
234 circles in a circular quadrant



radius = 0.030072291535 density = 0.846464784181  
 ratio = 33.253202488706 contacts = 566

N = 235

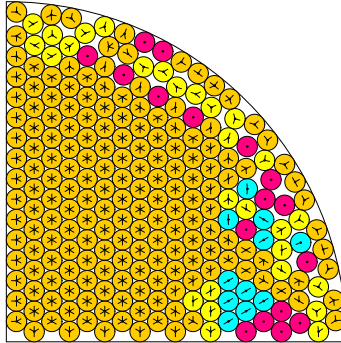
235 circles in a circular quadrant



radius = 0.030013466413 density = 0.846759676172  
 ratio = 33.318377363688 contacts = 488

N = 236

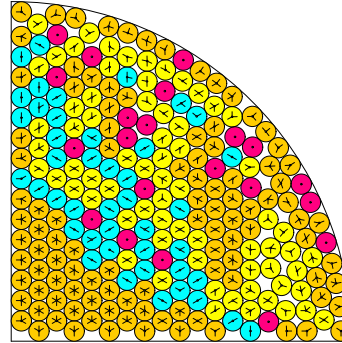
236 circles in a circular quadrant



radius = 0.029958285434 density = 0.846723852946  
 ratio = 33.379747389092 contacts = 544

N = 237

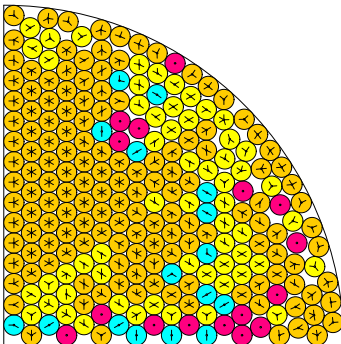
237 circles in a circular quadrant



radius = 0.029900996522 density = 0.847577974182  
 ratio = 33.443701425077 contacts = 409

N = 238

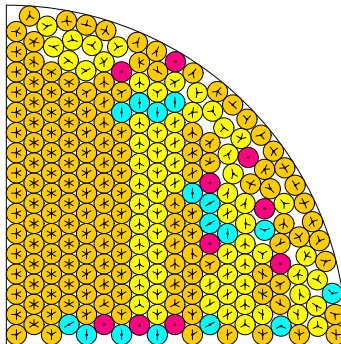
238 circles in a circular quadrant



radius = 0.029827790827 density = 0.846991644538  
 ratio = 33.525781570860 contacts = 474

N = 239

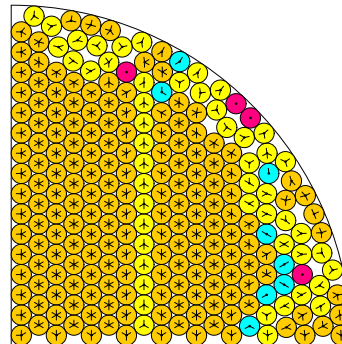
239 circles in a circular quadrant



radius = 0.029752691470 density = 0.846272853138  
 ratio = 33.610404658638 contacts = 504

N = 240

240 circles in a circular quadrant



radius = 0.029729988850 density = 0.848515635104  
 ratio = 33.636104410358 contacts = 584