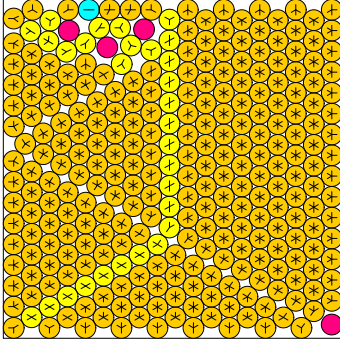


N = 289

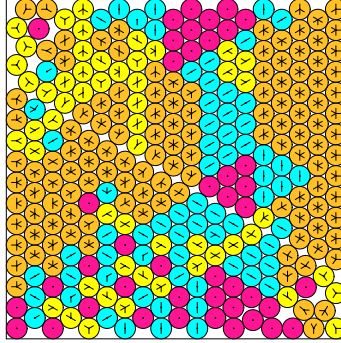
289 circles in a square



radius = 0.030667569315 density = 0.853898845815  
 ratio = 32.6073735869976 contacts = 757

N = 290

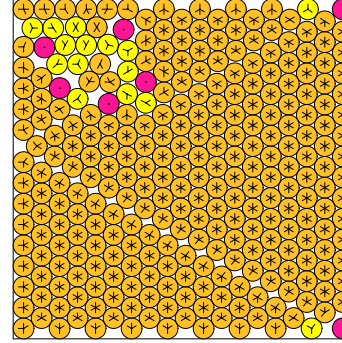
290 circles in a square



radius = 0.030656351559 density = 0.856226778325  
 ratio = 32.619667676020 contacts = 491

N = 291

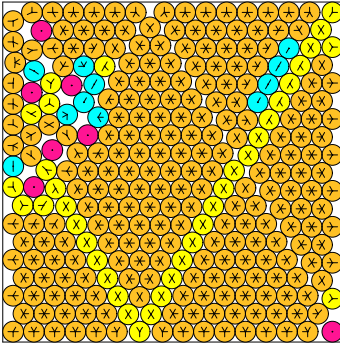
291 circles in a square



radius = 0.030568677884 density = 0.854272001823  
 ratio = 32.713223770552 contacts = 771

N = 292

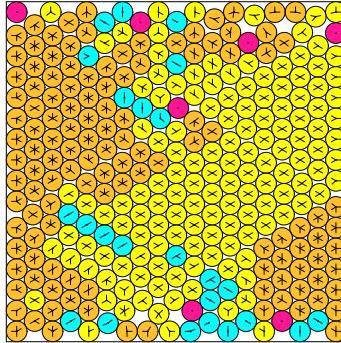
292 circles in a square



radius = 0.030514433105 density = 0.854168076735  
 ratio = 32.771377287974 contacts = 734

N = 293

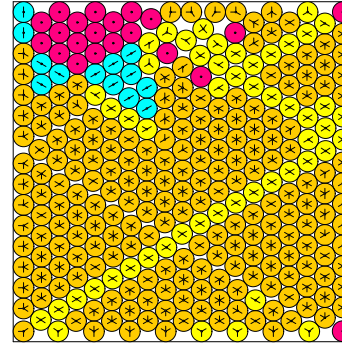
293 circles in a square



radius = 0.030484322113 density = 0.855402621643  
 ratio = 32.803747326465 contacts = 590

N = 294

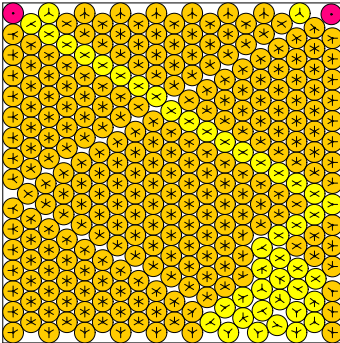
294 circles in a square



radius = 0.030462566339 density = 0.857097402681  
 ratio = 32.871731263000 contacts = 635

N = 295

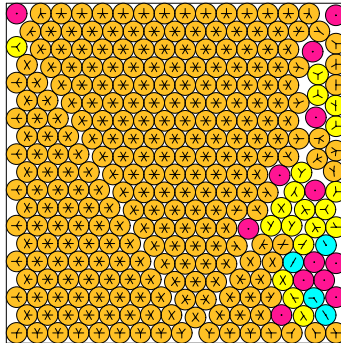
295 circles in a square



radius = 0.030443975955 density = 0.858963340706  
 ratio = 32.847220793169 contacts = 767

N = 296

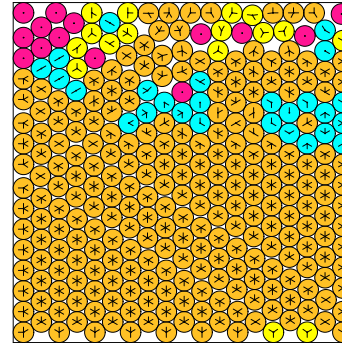
296 circles in a square



radius = 0.030358258838 density = 0.857028575695  
 ratio = 32.939965540612 contacts = 759

N = 297

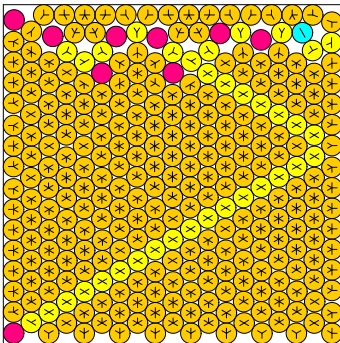
297 circles in a square



radius = 0.030212058828 density = 0.857308623555  
 ratio = 32.990170864704 contacts = 740

N = 298

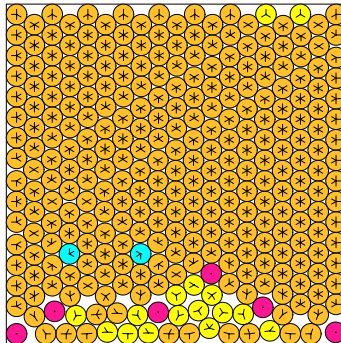
298 circles in a square



radius = 0.030280337791 density = 0.858395768292  
 ratio = 33.024730665357 contacts = 720

N = 299

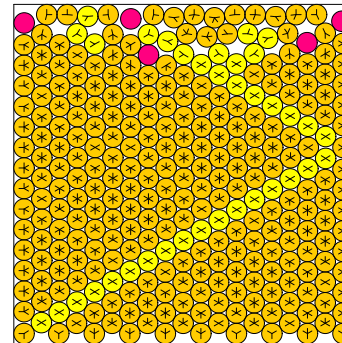
299 circles in a square



radius = 0.030249270165 density = 0.859509858760  
 ratio = 33.058648837905 contacts = 776

N = 300

300 circles in a square



radius = 0.030219555704 density = 0.860691030924  
 ratio = 33.091154938837 contacts = 738