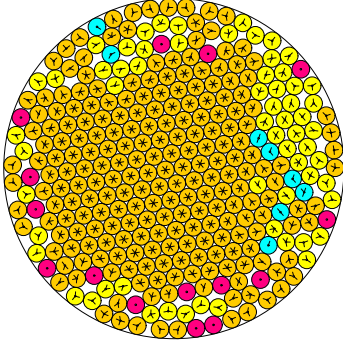


N = 313

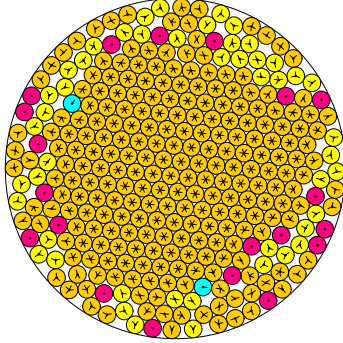
313 circles in a circle



radius = 0.051923064119 density = 0.843849435884  
 ratio = 19.259264008601 contacts = 700

N = 314

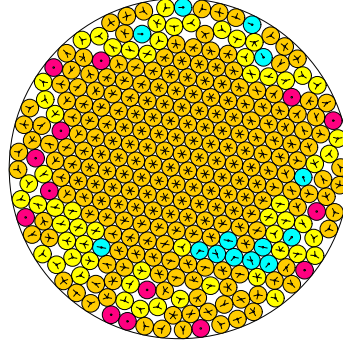
314 circles in a circle



radius = 0.051845483389 density = 0.844017602427  
 ratio = 19.288083254884 contacts = 723

N = 315

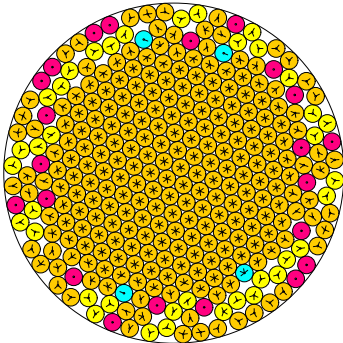
315 circles in a circle



radius = 0.051807295759 density = 0.845458706567  
 ratio = 19.302300676940 contacts = 673

N = 316

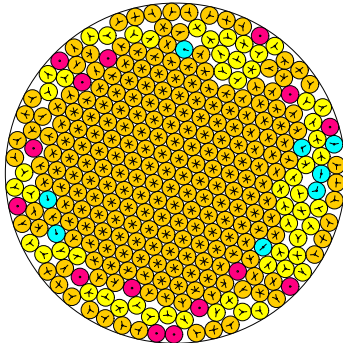
316 circles in a circle



radius = 0.051719600628 density = 0.845273800151  
 ratio = 19.330294625289 contacts = 733

N = 317

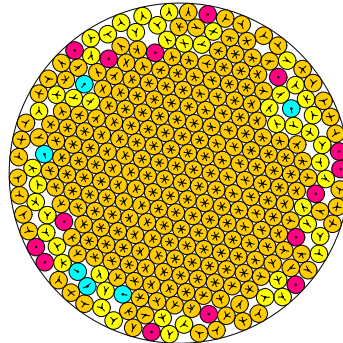
317 circles in a circle



radius = 0.051612339897 density = 0.844435260603  
 ratio = 19.379231470587 contacts = 725

N = 318

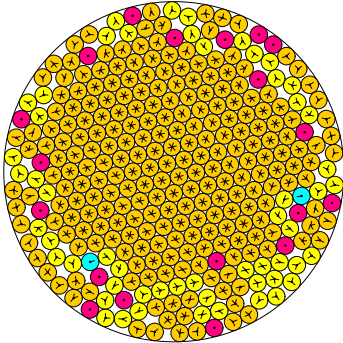
318 circles in a circle



radius = 0.051527787984 density = 0.844325931174  
 ratio = 19.407004262323 contacts = 719

N = 319

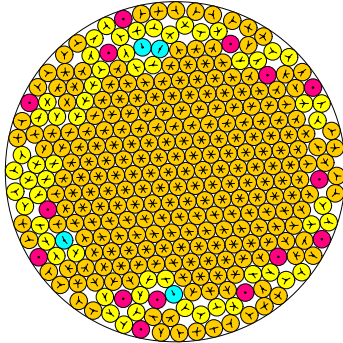
319 circles in a circle



radius = 0.051458878327 density = 0.844717154607  
 ratio = 19.43299356441 contacts = 710

N = 320

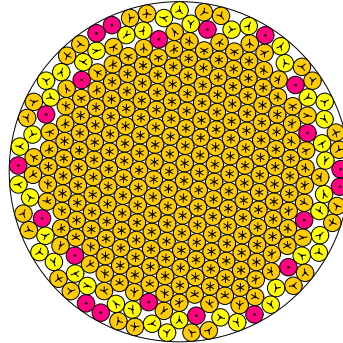
320 circles in a circle



radius = 0.051397416700 density = 0.845342221914  
 ratio = 19.456230760449 contacts = 718

N = 321

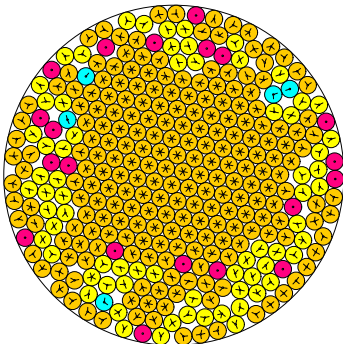
321 circles in a circle



radius = 0.051300585846 density = 0.844791788001  
 ratio = 19.492954740445 contacts = 774

N = 322

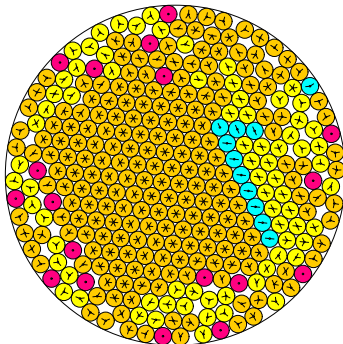
322 circles in a circle



radius = 0.051205534270 density = 0.844286170252  
 ratio = 19.529139071576 contacts = 704

N = 323

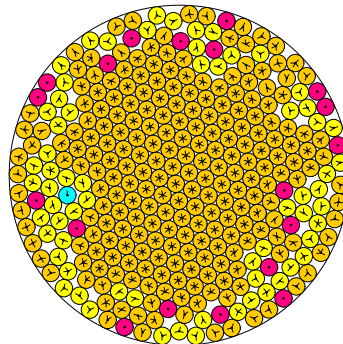
323 circles in a circle



radius = 0.051140230236 density = 0.844749376992  
 ratio = 19.554077003310 contacts = 682

N = 324

324 circles in a circle



radius = 0.051079149267 density = 0.845341754718  
 ratio = 19.577459968394 contacts = 735