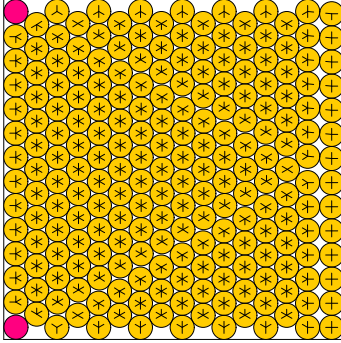


N = 217

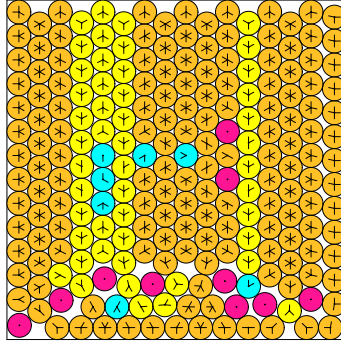
217 circles in a square



radius = 0.035477482915 density = 0.858005156782  
 ratio = 28.186892581854 contacts = 591

N = 218

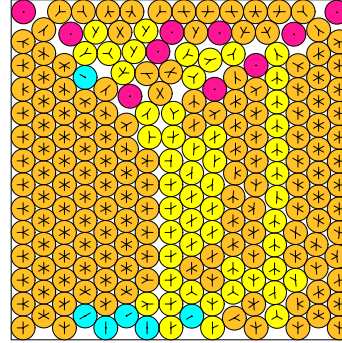
218 circles in a square



radius = 0.035215887578 density = 0.849344040501  
 ratio = 28.396274203989 contacts = 515

N = 219

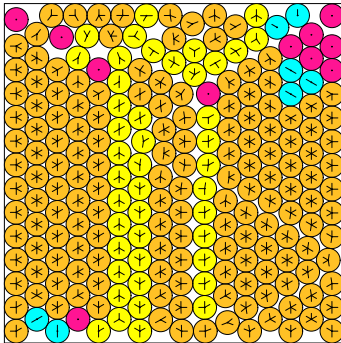
219 circles in a square



radius = 0.035083486243 density = 0.846836313364  
 ratio = 28.503438714072 contacts = 487

N = 220

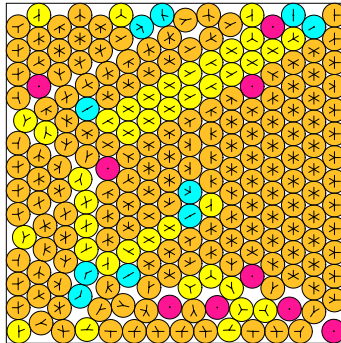
220 circles in a square



radius = 0.034989964326 density = 0.846173758563  
 ratio = 28.579623307961 contacts = 489

N = 221

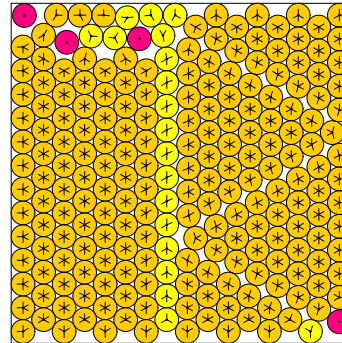
221 circles in a square



radius = 0.034906486796 density = 0.845956959827  
 ratio = 28.647970385665 contacts = 494

N = 222

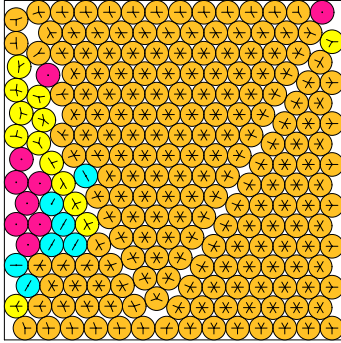
222 circles in a square



radius = 0.034856968841 density = 0.847387558971  
 ratio = 28.688667811420 contacts = 580

N = 223

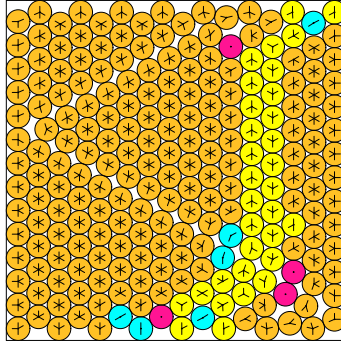
223 circles in a square



radius = 0.034509845369 density = 0.847876037577  
 ratio = 28.746925480654 contacts = 557

N = 224

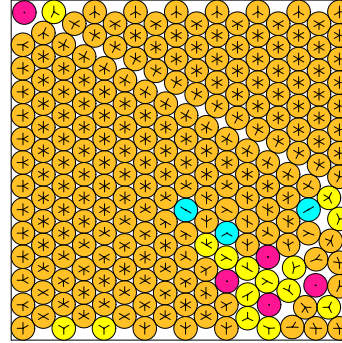
224 circles in a square



radius = 0.034431481836 density = 0.8454848499681  
 ratio = 28.791012001914 contacts = 553

N = 225

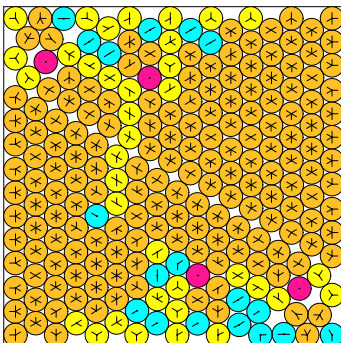
225 circles in a square



radius = 0.034634795476 density = 0.847925205421  
 ratio = 28.872701621326 contacts = 572

N = 226

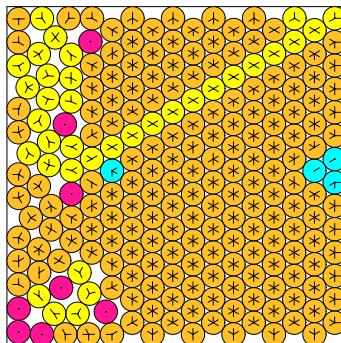
226 circles in a square



radius = 0.034509845369 density = 0.845559821661  
 ratio = 28.977237924438 contacts = 499

N = 227

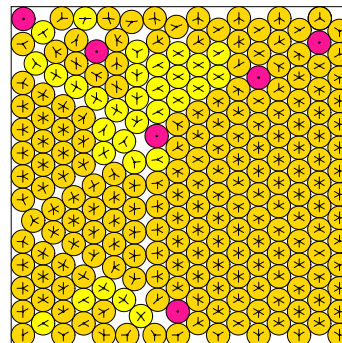
227 circles in a square



radius = 0.034431481836 density = 0.8454848499681  
 ratio = 29.043187997371 contacts = 567

N = 228

228 circles in a square



radius = 0.034634795476 density = 0.845078825982  
 ratio = 29.113455126520 contacts = 530