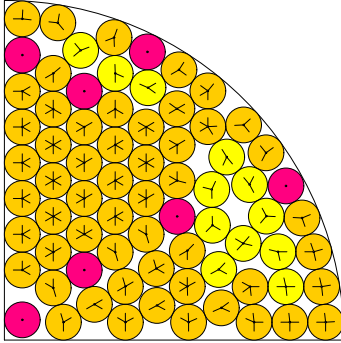


N = 73

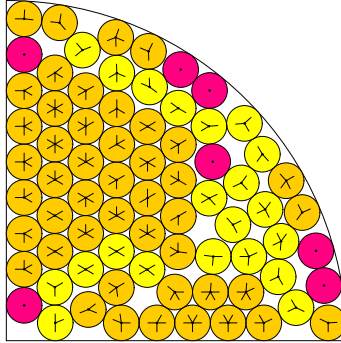
73 circles in a circular quadrant



radius = 0.052649642463 density = 0.809419576621  
 ratio = 18.993481308250 contacts = 143

N = 74

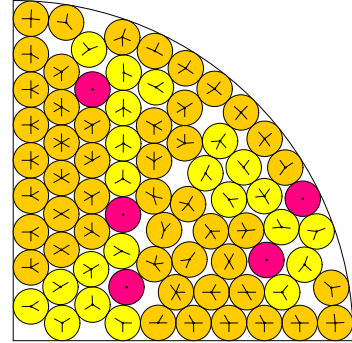
74 circles in a circular quadrant



radius = 0.052361336092 density = 0.811546017117  
 ratio = 19.098061177284 contacts = 144

N = 75

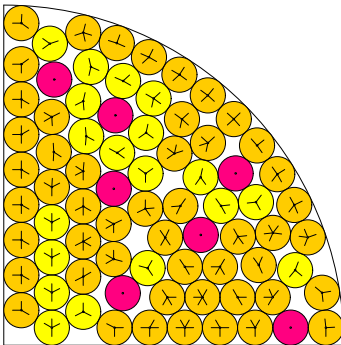
75 circles in a circular quadrant



radius = 0.052039382895 density = 0.812429221630  
 ratio = 19.216215573046 contacts = 146

N = 76

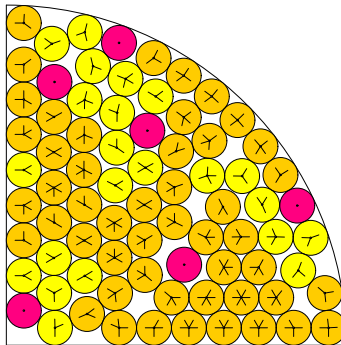
76 circles in a circular quadrant



radius = 0.051659307513 density = 0.811279952022  
 ratio = 19.157599318419 contacts = 144

N = 77

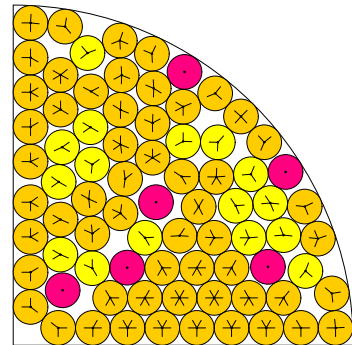
77 circles in a circular quadrant



radius = 0.051316388024 density = 0.811078477375  
 ratio = 19.468952159406 contacts = 147

N = 78

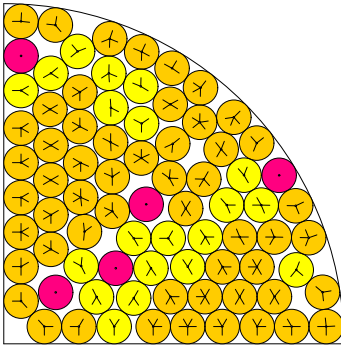
78 circles in a circular quadrant



radius = 0.050969656551 density = 0.810546637341  
 ratio = 19.619516152749 contacts = 153

N = 79

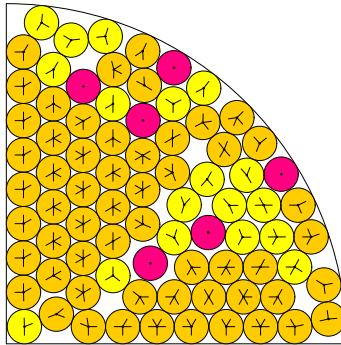
79 circles in a circular quadrant



radius = 0.050729212034 density = 0.813211333315  
 ratio = 19.712508038552 contacts = 152

N = 80

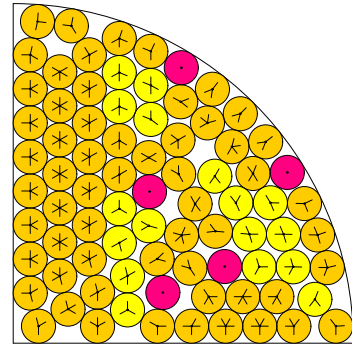
80 circles in a circular quadrant



radius = 0.050467229534 density = 0.815110548696  
 ratio = 19.813752416114 contacts = 158

N = 81

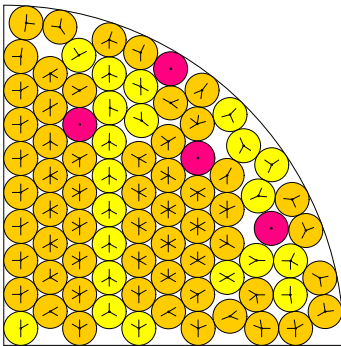
81 circles in a circular quadrant



radius = 0.050128110030 density = 0.81456082518  
 ratio = 19.948886949885 contacts = 167

N = 82

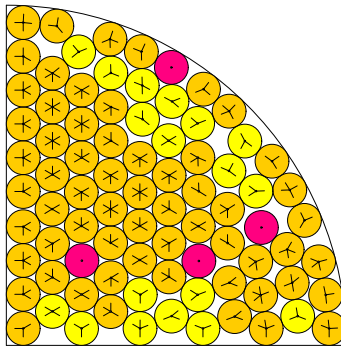
82 circles in a circular quadrant



radius = 0.049949115343 density = 0.818331832519  
 ratio = 20.020374597948 contacts = 166

N = 83

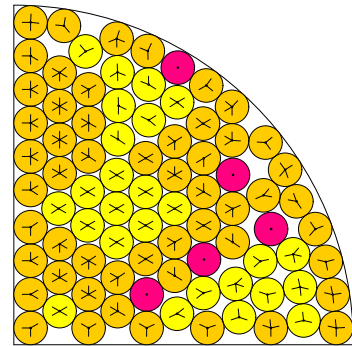
83 circles in a circular quadrant



radius = 0.04967229534 density = 0.818988784954  
 ratio = 20.13400011169 contacts = 172

N = 84

84 circles in a circular quadrant



radius = 0.049370544769 density = 0.818983432118  
 ratio = 20.25492215924 contacts = 165