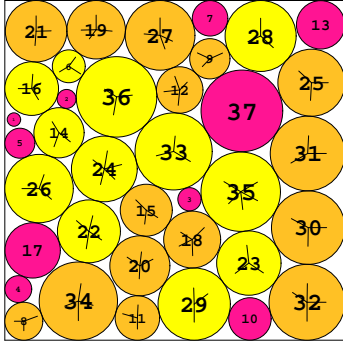


N = 37

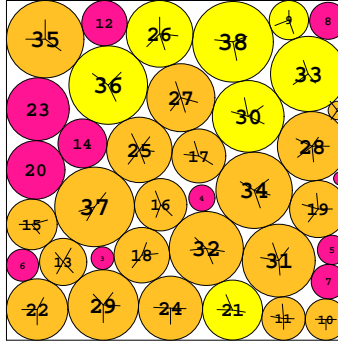
37 circles in a square



radius = 0.120059550750 density = 0.860393065652  
 ratio = 50.664545155158 contacts = 55

N = 38

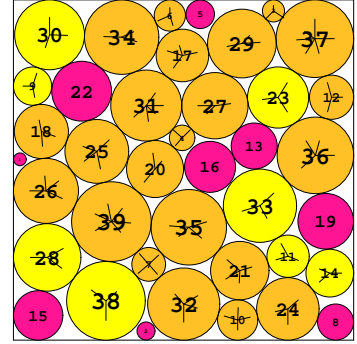
38 circles in a square



radius = 0.118621079756 density = 0.862001913480  
 ratio = 51.967272727841 contacts = 55

N = 39

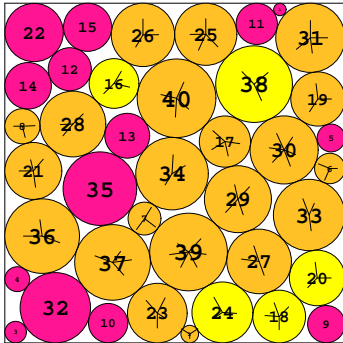
39 circles in a square



radius = 0.117054790273 density = 0.860910987723  
 ratio = 53.351067340705 contacts = 61

N = 40

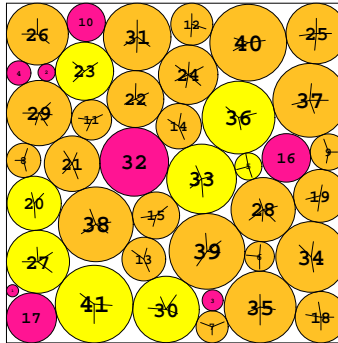
40 circles in a square



radius = 0.118654546600 density = 0.861552450588  
 ratio = 54.681579143705 contacts = 53

N = 41

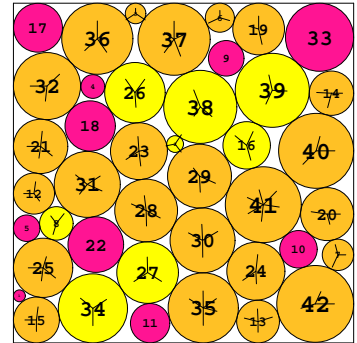
41 circles in a square



radius = 0.114185135246 density = 0.860328626428  
 ratio = 56.017776956229 contacts = 67

N = 42

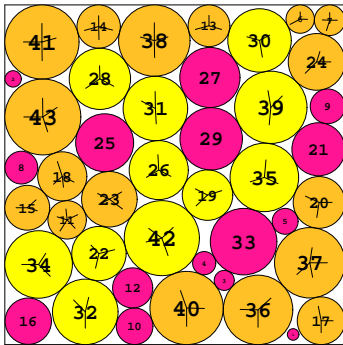
42 circles in a square



radius = 0.112995984584 density = 0.862411125227  
 ratio = 57.353725641578 contacts = 65

N = 43

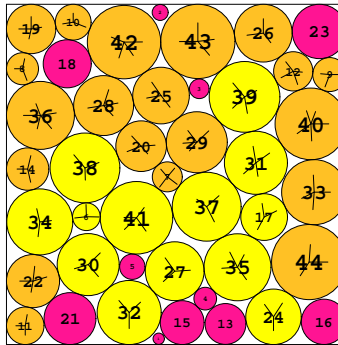
43 circles in a square



radius = 0.111708087434 density = 0.862150155598  
 ratio = 58.701557687255 contacts = 57

N = 44

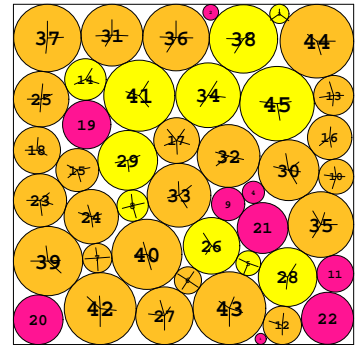
44 circles in a square



radius = 0.110397358435 density = 0.861489035571  
 ratio = 60.085220106297 contacts = 67

N = 45

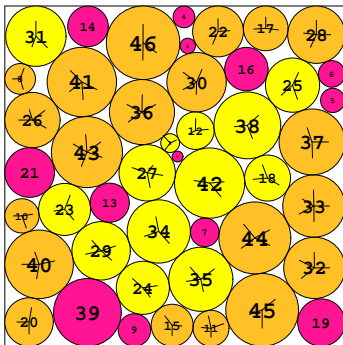
45 circles in a square



radius = 0.109316809803 density = 0.863478656356  
 ratio = 61.364797825582 contacts = 73

N = 46

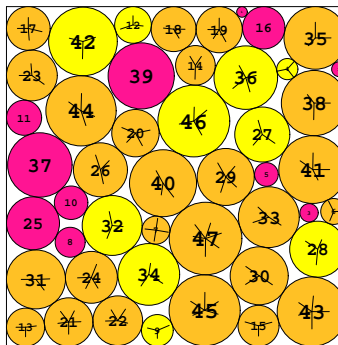
46 circles in a square



radius = 0.108062183141 density = 0.862115015598  
 ratio = 62.743234530598 contacts = 67

N = 47

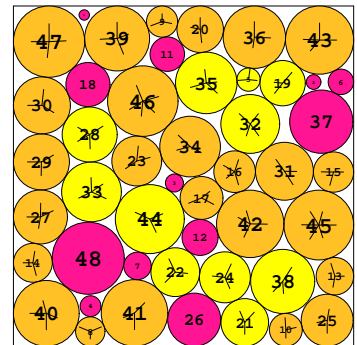
47 circles in a square



radius = 0.106780222355 density = 0.859691744252  
 ratio = 64.203411314692 contacts = 73

N = 48

48 circles in a square



radius = 0.105860570186 density = 0.862550268646  
 ratio = 65.446494553132 contacts = 73