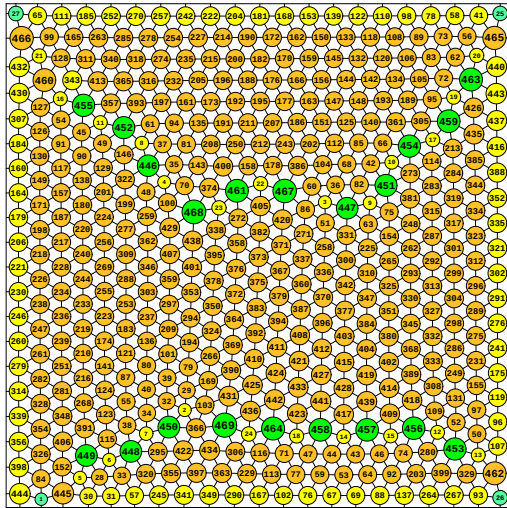


N = 469

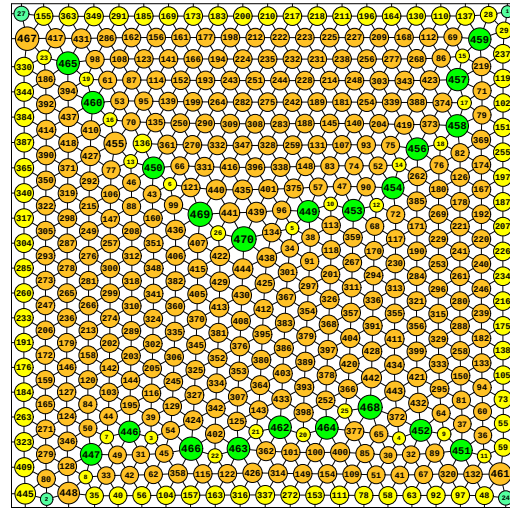
469 circles in a square



sumradii = 11.522965080143 density = 0.895668649127 © E. Seccor  
sumperim = 72.400924886698 contacts = 1407 29 SEP 2020

N = 470

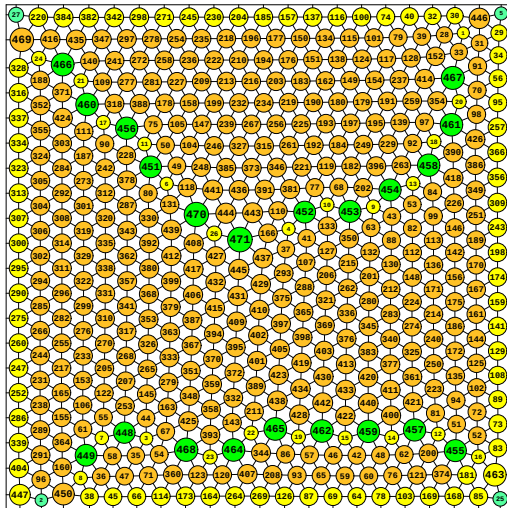
470 circles in a square



sumradii = 11.535717024813 density = 0.895769092373 © E. Seccor  
sumperim = 72.481047718086 contacts = 1410 29 SEP 2020

N = 471

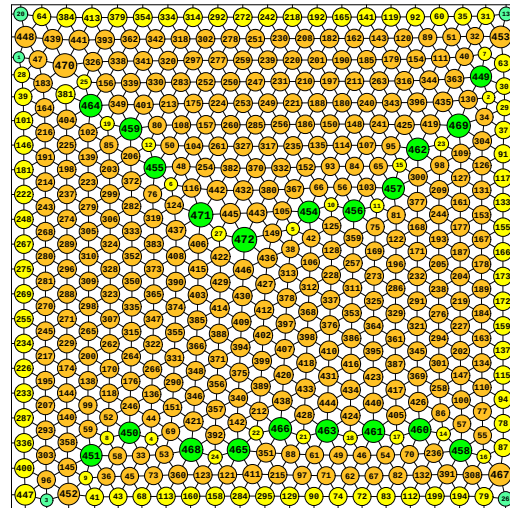
471 circles in a square



sumradii = 11.548024053584 density = 0.895772083137 © E. Seccor  
sumperim = 72.558375060435 contacts = 1413 29 SEP 2020

N = 472

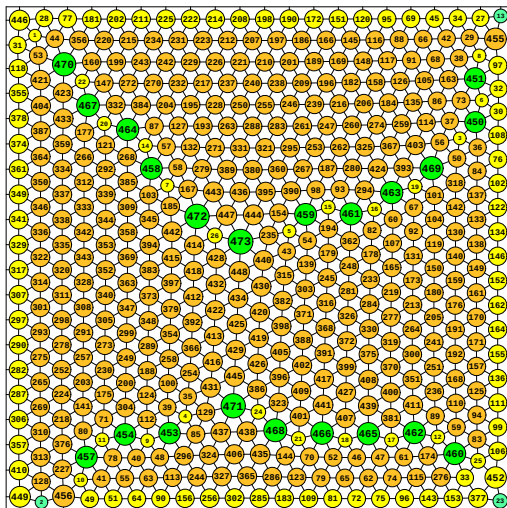
472 circles in a square



sumradii = 11.559922693012 density = 0.895923413236 © E. Seccor  
sumperim = 72.633136416865 contacts = 1416 29 SEP 2020

N = 473

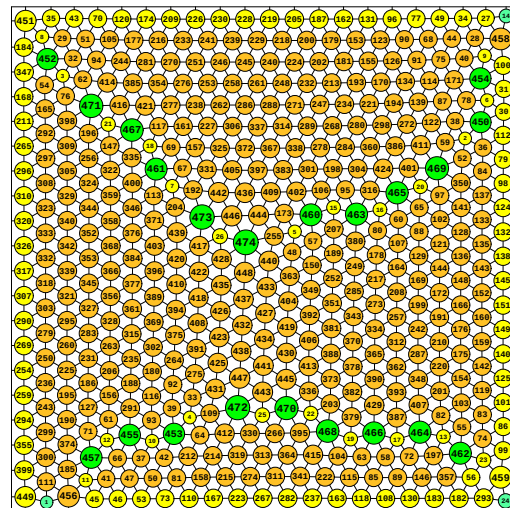
473 circles in a square



sumradii = 11.572268460193 density = 0.895633867812 © E. Seccor  
sumperim = 72.710707159822 contacts = 1419 29 SEP 2020

N = 474

474 circles in a square



sumradii = 11.584603098145 density = 0.89564895929 © E. Seccor  
sumperim = 72.788207975772 contacts = 1422 29 SEP 2020