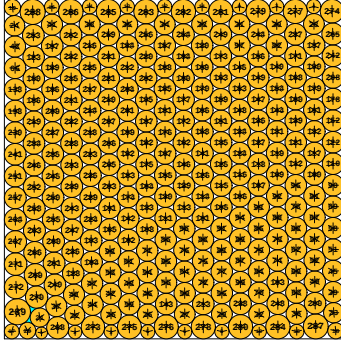


N = 289

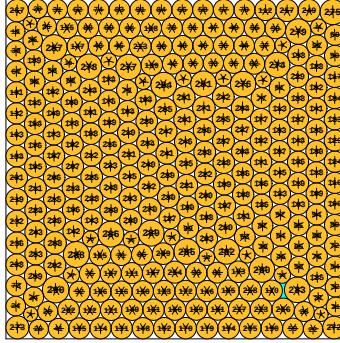
289 circles in a square



sumrad11 = 9.027041535253 density = 0.893594826034
sumperim = 56.718074741601 contacts = 867

N = 290

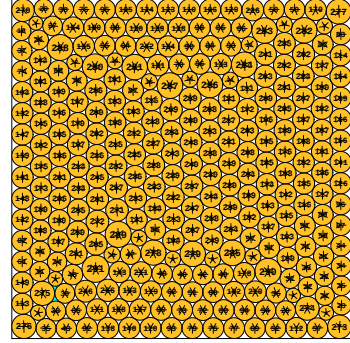
290 circles in a square



sumrad11 = 9.042284795006 density = 0.892551171348
sumperim = 56.814359967314 contacts = 870

N = 291

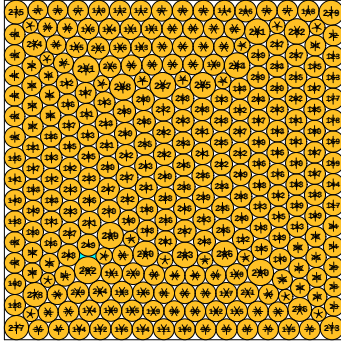
291 circles in a square



sumrad11 = 9.058001856273 density = 0.892731039916
sumperim = 56.913104175742 contacts = 873

N = 292

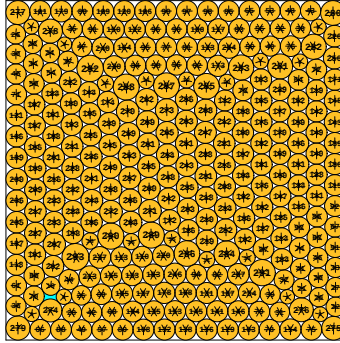
292 circles in a square



sumrad11 = 9.072594144101 density = 0.89271170314
sumperim = 57.004790224218 contacts = 876

N = 293

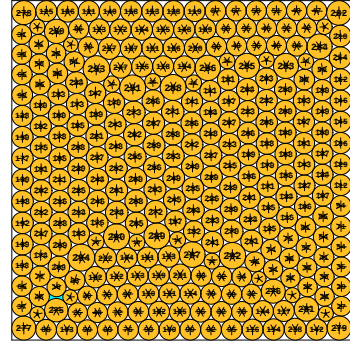
293 circles in a square



sumrad11 = 9.088041361012 density = 0.892498603645
sumperim = 57.101847950553 contacts = 879

N = 294

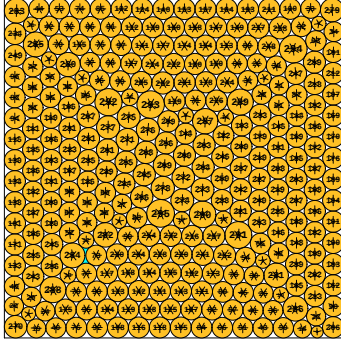
294 circles in a square



sumrad11 = 9.103186323553 density = 0.892621509768
sumperim = 57.187006055664 contacts = 882

N = 295

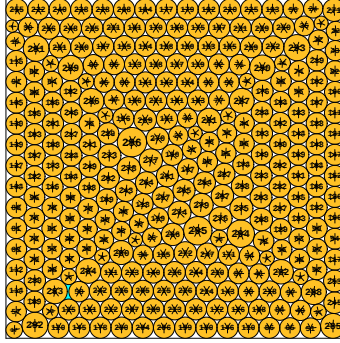
295 circles in a square



sumrad11 = 9.116200772959 density = 0.892871655796
sumperim = 57.278803996671 contacts = 885

N = 296

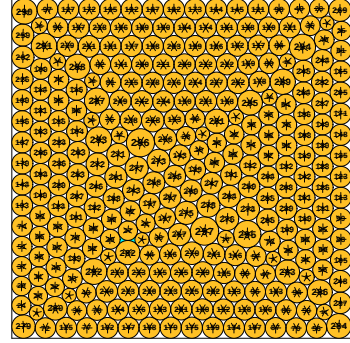
296 circles in a square



sumrad11 = 9.131196084086 density = 0.892725234764
sumperim = 57.372431590728 contacts = 888

N = 297

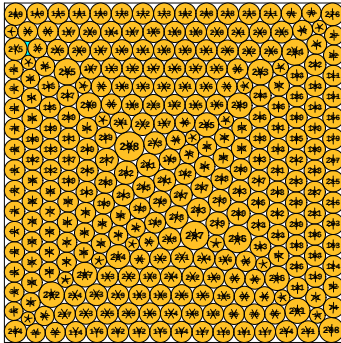
297 circles in a square



sumrad11 = 9.147139780474 density = 0.892766065334
sumperim = 57.473174271392 contacts = 891

N = 298

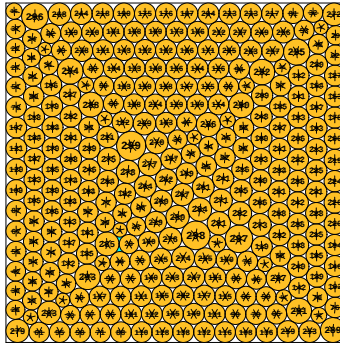
298 circles in a square



sumrad11 = 9.161800772959 density = 0.892871655796
sumperim = 57.565292003963 contacts = 894

N = 299

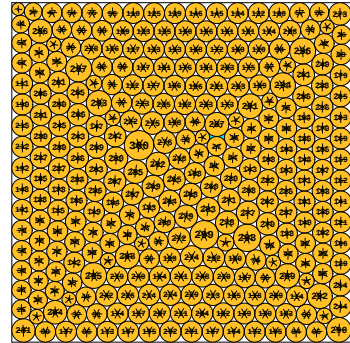
299 circles in a square



sumrad11 = 9.176674773951 density = 0.892847320727
sumperim = 57.658748108454 contacts = 897

N = 300

300 circles in a square



sumrad11 = 9.192717162187 density = 0.893008329243
sumperim = 57.759545406511 contacts = 900