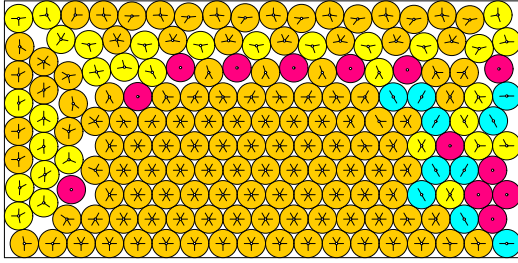


N = 177

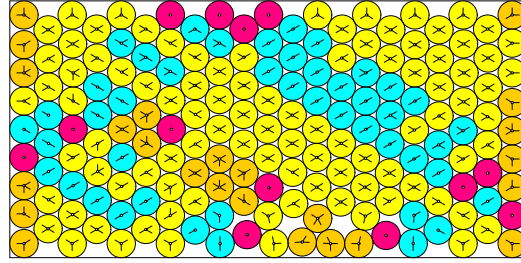
177 circles in a 1x0.50000 rectangle



radius = 0.027469518080 density = 0.839180174806 © E. Sencer 09-ASD-2010
 ratio = 18.201993880965 contacts = 377

N = 178

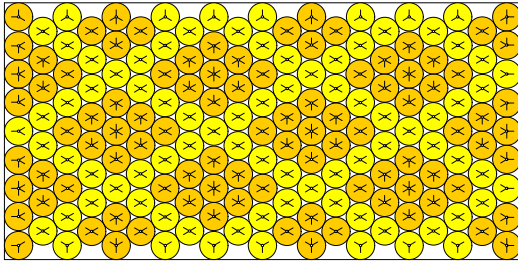
178 circles in a 1x0.50000 rectangle



radius = 0.027440138405 density = 0.842117060462 © E. Sencer 02-ASD-2010
 ratio = 18.221482436263 contacts = 275

N = 179

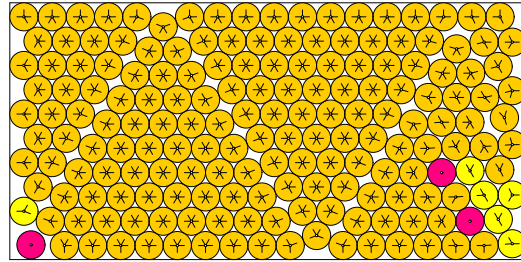
179 circles in a 1x0.50000 rectangle



radius = 0.027420855017 density = 0.845658238881 © E. Sencer 02-ASD-2010
 ratio = 18.234296475888 contacts = 399

N = 180

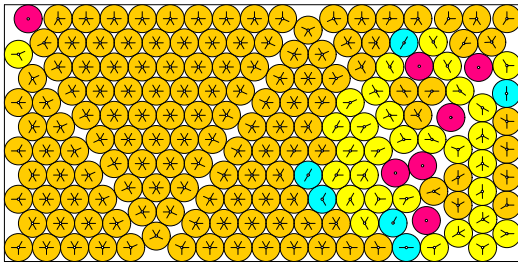
180 circles in a 1x0.50000 rectangle



radius = 0.027320875055 density = 0.844192683335 © E. Sencer 10-ASD-2010
 ratio = 18.301024363273 contacts = 470

N = 181

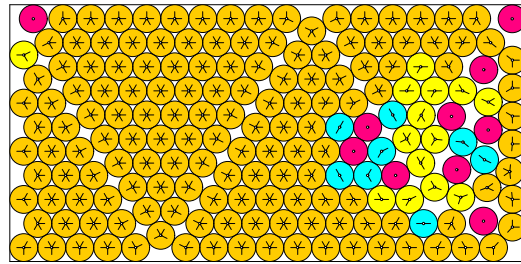
181 circles in a 1x0.50000 rectangle



radius = 0.027160747740 density = 0.838961221248 © E. Sencer 02-ASD-2010
 ratio = 18.408918811102 contacts = 422

N = 182

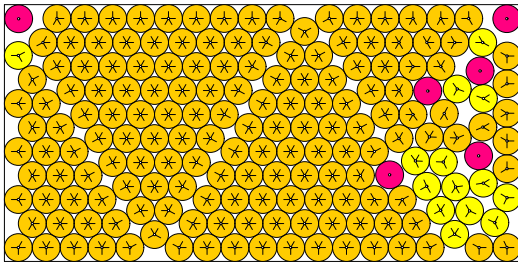
182 circles in a 1x0.50000 rectangle



radius = 0.027070140901 density = 0.837977367091 © E. Sencer 02-ASD-2010
 ratio = 18.47053555141 contacts = 432

N = 183

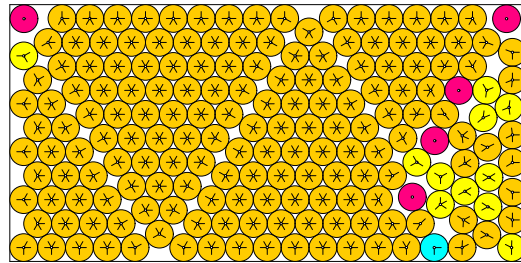
183 circles in a 1x0.50000 rectangle



radius = 0.026991401655 density = 0.837687112290 © E. Sencer 04-ASD-2010
 ratio = 18.524417753056 contacts = 462

N = 184

184 circles in a 1x0.50000 rectangle



radius = 0.026942110285 density = 0.839191179513 © E. Sencer 09-ASD-2010
 ratio = 18.558308711020 contacts = 471