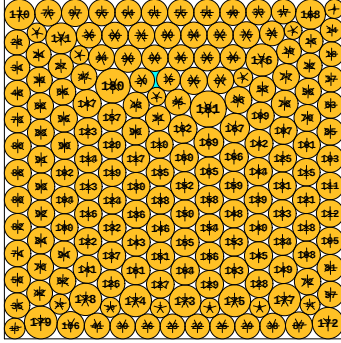


N = 181

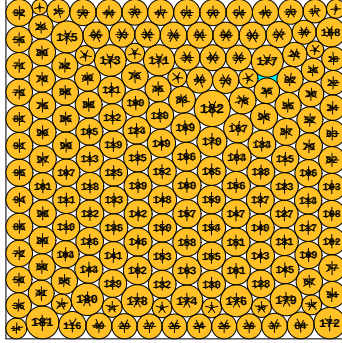
181 circles in a square



sumrad11 = 7.120170554574 density = 0.889141306389
sumperim = 44.737351013112 contacts = 543

N = 182

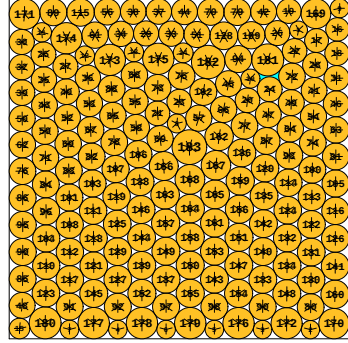
182 circles in a square



sumrad11 = 7.138696832806 density = 0.889548778648
sumperim = 44.853759505296 contacts = 546

N = 183

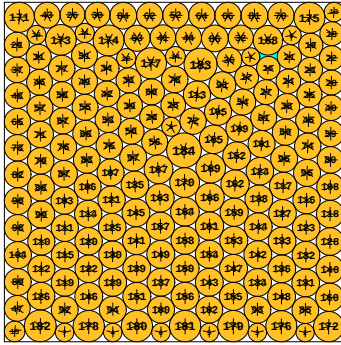
183 circles in a square



sumrad11 = 7.158659503357 density = 0.889738851285
sumperim = 44.979184210594 contacts = 549

N = 184

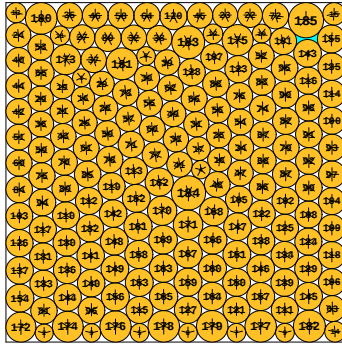
184 circles in a square



sumrad11 = 7.178399279760 density = 0.889713608932
sumperim = 45.103212827188 contacts = 552

N = 185

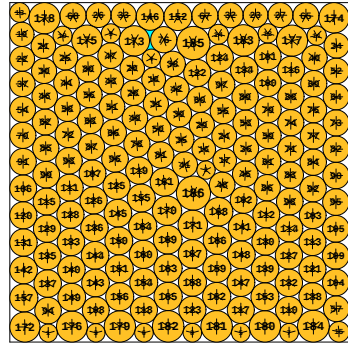
185 circles in a square



sumrad11 = 7.197625081950 density = 0.889550616569
sumperim = 45.224012161489 contacts = 555

N = 186

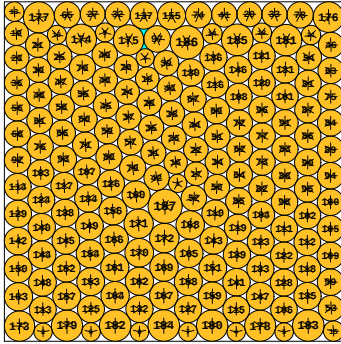
186 circles in a square



sumrad11 = 7.218383296615 density = 0.889730118196
sumperim = 45.354439870882 contacts = 558

N = 187

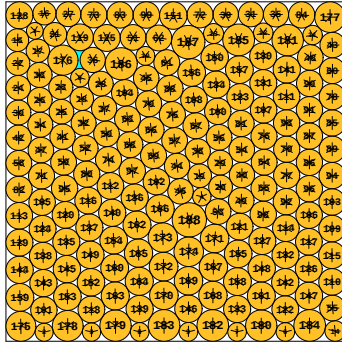
187 circles in a square



sumrad11 = 7.237823453752 density = 0.8898575465873
sumperim = 45.476579697391 contacts = 561

N = 188

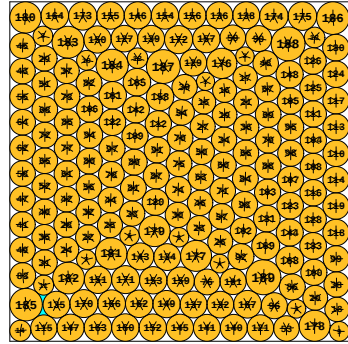
188 circles in a square



sumrad11 = 7.256806779802 density = 0.889726172180
sumperim = 45.595861735895 contacts = 564

N = 189

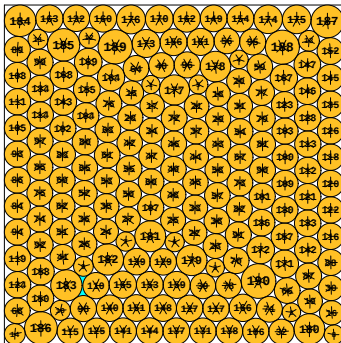
189 circles in a square



sumrad11 = 7.272759919995 density = 0.88966700275
sumperim = 45.724372605839 contacts = 567

N = 190

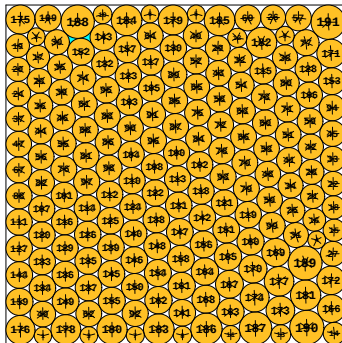
190 circles in a square



sumrad11 = 7.29728358456 density = 0.889853067991
sumperim = 45.858183589177 contacts = 570

N = 191

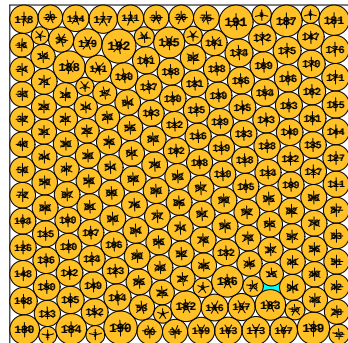
191 circles in a square



sumrad11 = 7.314938463868 density = 0.890041248795
sumperim = 45.96113562107 contacts = 573

N = 192

192 circles in a square



sumrad11 = 7.336598450128 density = 0.889155924951
sumperim = 46.097207580518 contacts = 576