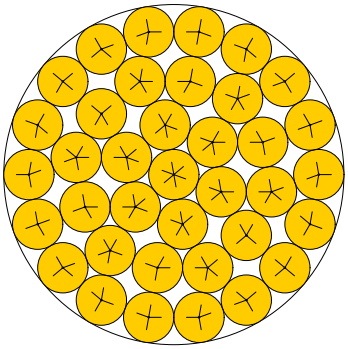
N = 37

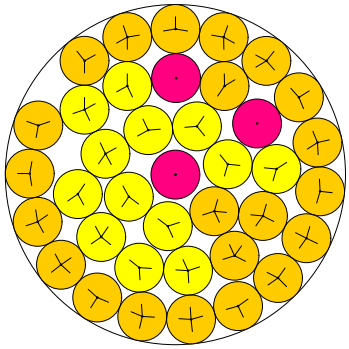
37 circles in a circle



radius = 0.147955904479 density = 0.809965137798
ratio = 6.758770483144 contacts = 90

N = 38

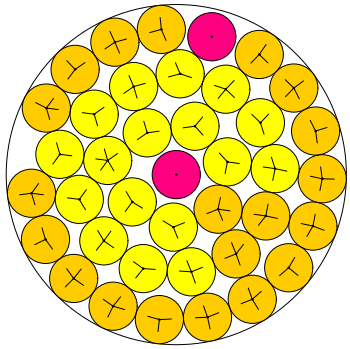
38 circles in a circle



radius = 0.143639218073 density = 0.784024548811
ratio = 6.961886965228 contacts = 70

N = 39

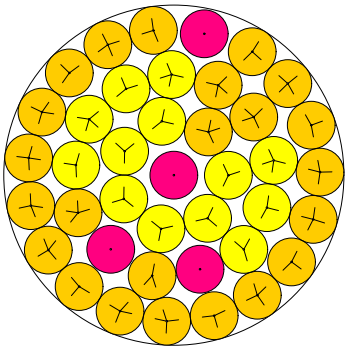
39 circles in a circle



radius = 0.141685521745 density = 0.782916695818
ratio = 7.057884162624 contacts = 74

N = 40

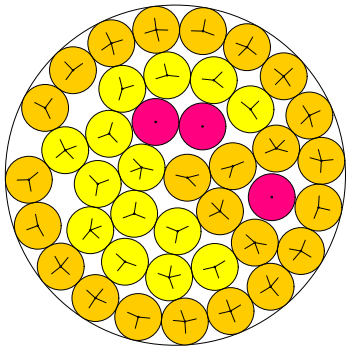
40 circles in a circle



radius = 0.140373604203 density = 0.788189950274
ratio = 7.123846435943 contacts = 72

N = 41

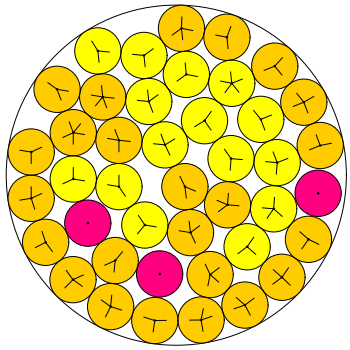
41 circles in a circle



radius = 0.137740812925 density = 0.777873793359
ratio = 7.260012328677 contacts = 76

N = 42

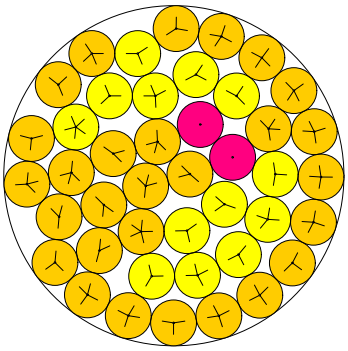
42 circles in a circle



radius = 0.136113748716 density = 0.778132008756
ratio = 7.346796406943 contacts = 78

N = 43

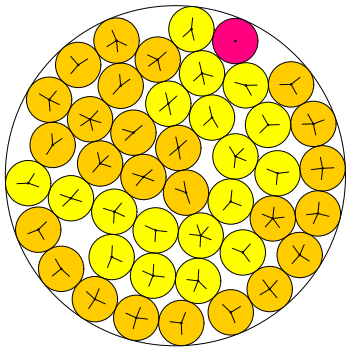
43 circles in a circle



radius = 0.134771891080 density = 0.781028892889
ratio = 7.419944856341 contacts = 82

N = 44

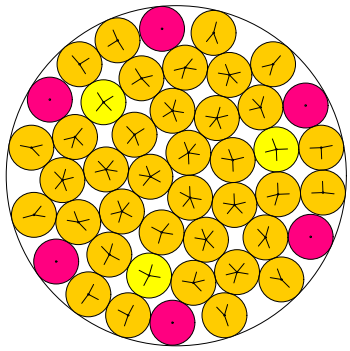
44 circles in a circle



radius = 0.133368245886 density = 0.782631916471
ratio = 7.498036682995 contacts = 86

N = 45

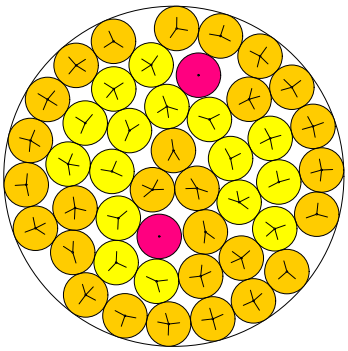
45 circles in a circle



radius = 0.132049594252 density = 0.784669290391
ratio = 7.572912326368 contacts = 84

N = 46

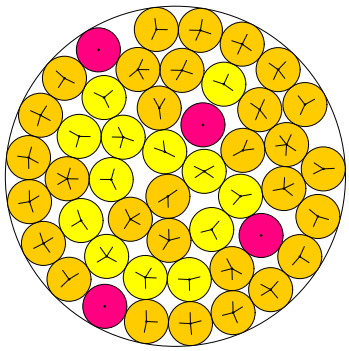
46 circles in a circle



radius = 0.130715880038 density = 0.785985499532
ratio = 7.650179914694 contacts = 88

N = 47

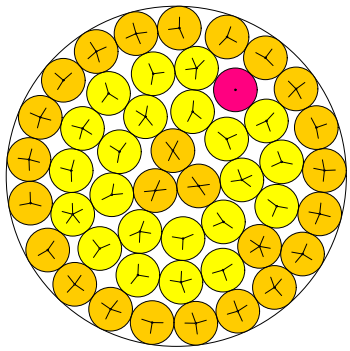
47 circles in a circle



radius = 0.129463747327 density = 0.787760507981
ratio = 7.724170952598 contacts = 86

N = 48

48 circles in a circle



radius = 0.128348756543 density = 0.790723358693
ratio = 7.791271430559 contacts = 94