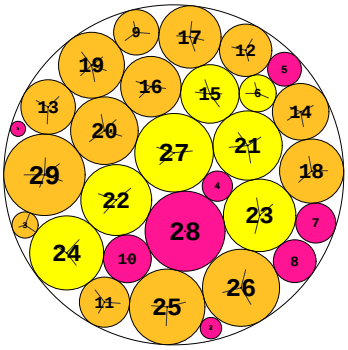
N = 29

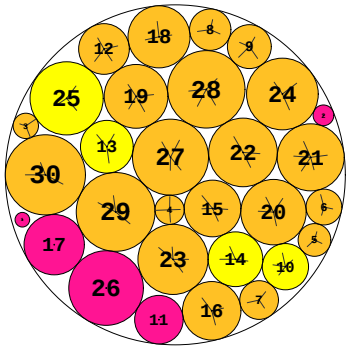
29 circles in a circle



radius = 0.239358037197 density = 0.859384049560
ratio = 22.498366339412 contacts = 42

N = 30

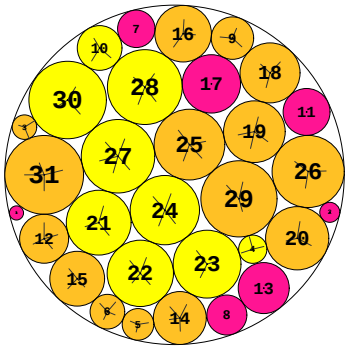
30 circles in a circle



radius = 0.235654723031 density = 0.860763801544
ratio = 23.242587734329 contacts = 50

N = 31

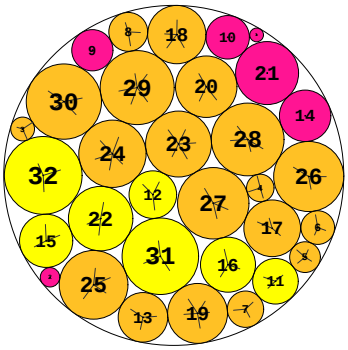
31 circles in a circle



radius = 0.232015474693 density = 0.861298887952
ratio = 23.997383666754 contacts = 48

N = 32

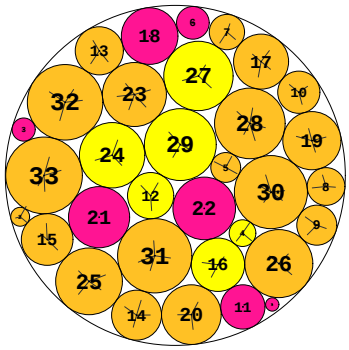
32 circles in a circle



radius = 0.228638189597 density = 0.862544451204
ratio = 24.741510961901 contacts = 52

N = 33

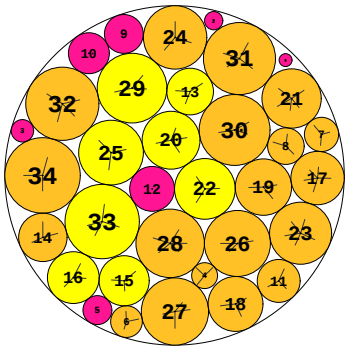
33 circles in a circle



radius = 0.225466932338 density = 0.864200738822
ratio = 25.478515128480 contacts = 52

N = 34

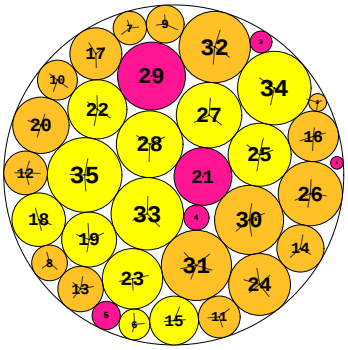
34 circles in a circle



radius = 0.222302570300 density = 0.864822573335
ratio = 26.229799713861 contacts = 54

N = 35

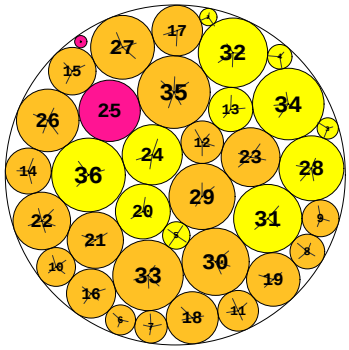
35 circles in a circle



radius = 0.219295676651 density = 0.865630688360
ratio = 26.977639839743 contacts = 58

N = 36

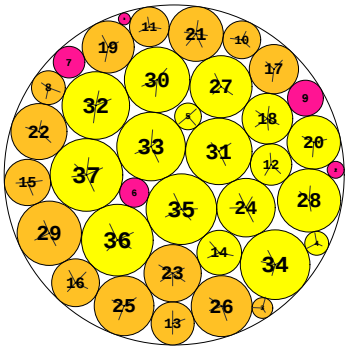
36 circles in a circle



radius = 0.216468018685 density = 0.866880457596
ratio = 27.717720319405 contacts = 68

N = 37

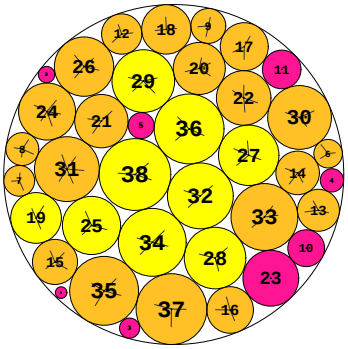
37 circles in a circle



radius = 0.213611628920 density = 0.866968632190
ratio = 28.475802375745 contacts = 64

N = 38

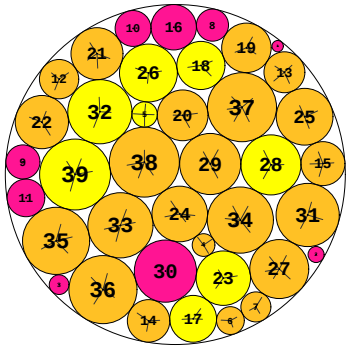
38 circles in a circle



radius = 0.211006154277 density = 0.868210144282
ratio = 29.214380140223 contacts = 60

N = 39

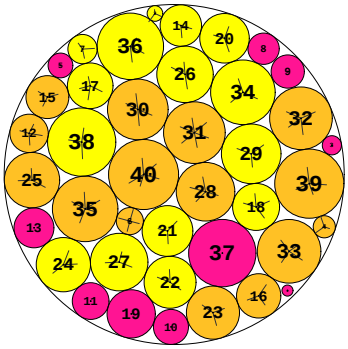
39 circles in a circle



radius = 0.208452337984 density = 0.869047544223
ratio = 29.958877212825 contacts = 60

N = 40

40 circles in a circle



radius = 0.205996478733 density = 0.869908259637
ratio = 30.702249665728 contacts = 60