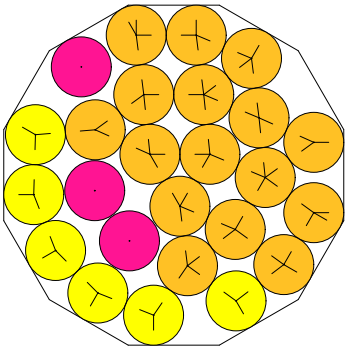
N = 25

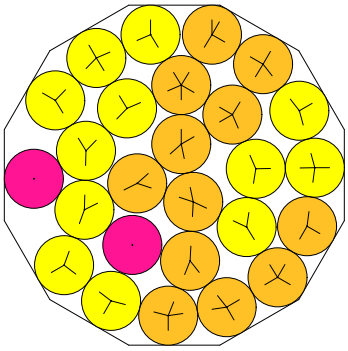
25 circles in a dodecagon



radius = 0.170362625375 density = 0.759831466770
ratio = 5.869832058509 contacts = 48

N = 26

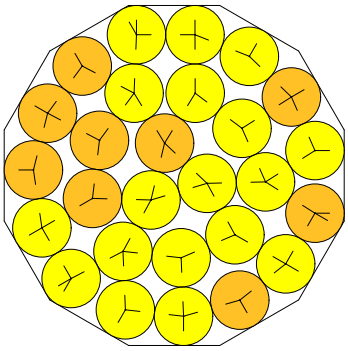
26 circles in a dodecagon



radius = 0.167677684105 density = 0.765512876126
ratio = 5.963822826743 contacts = 49

N = 27

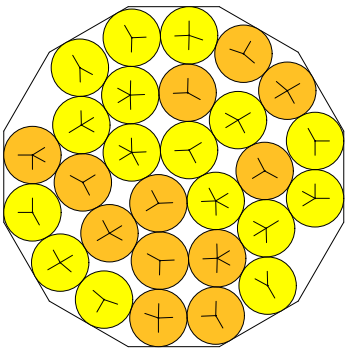
27 circles in a dodecagon



radius = 0.166203679230 density = 0.781040670420
ratio = 6.016713977890 contacts = 57

N = 28

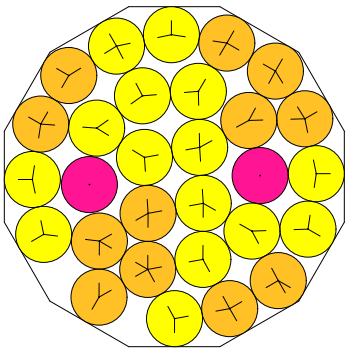
28 circles in a dodecagon



radius = 0.162997380513 density = 0.779018729659
ratio = 6.135067918580 contacts = 58

N = 29

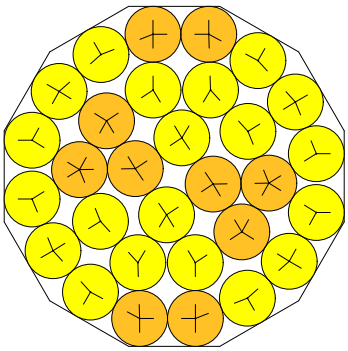
29 circles in a dodecagon



radius = 0.159263342623 density = 0.770297110594
ratio = 6.278908777931 contacts = 55

N = 30

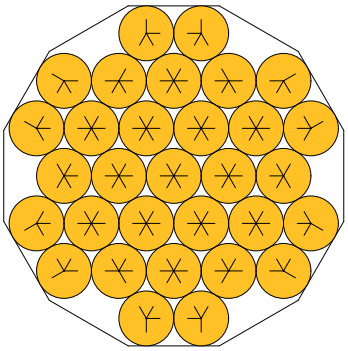
30 circles in a dodecagon



radius = 0.158499527940 density = 0.789234059251
ratio = 6.309167055549 contacts = 62

N = 31

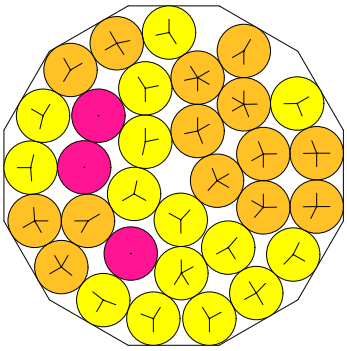
31 circles in a dodecagon



radius = 0.155891230621 density = 0.788921301764
ratio = 6.414729013417 contacts = 84

N = 32

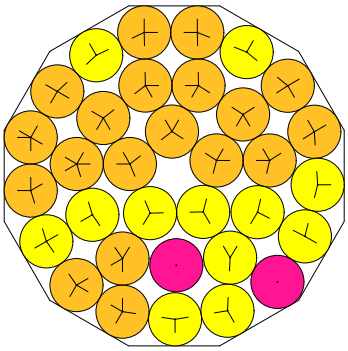
32 circles in a dodecagon



radius = 0.151891844500 density = 0.773121068137
ratio = 6.583631947423 contacts = 59

N = 33

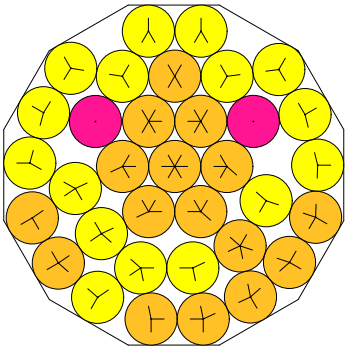
33 circles in a dodecagon



radius = 0.150922619190 density = 0.787138627137
ratio = 6.625912042656 contacts = 66

N = 34

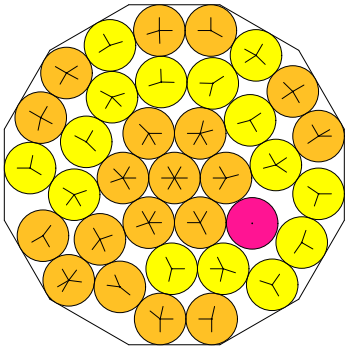
34 circles in a dodecagon



radius = 0.148120361074 density = 0.781154716184
ratio = 6.751266286066 contacts = 67

N = 35

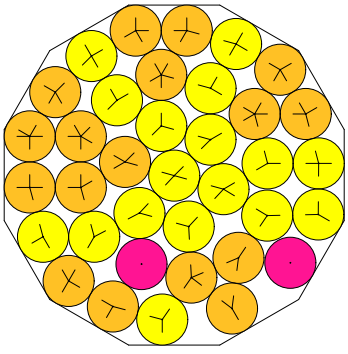
35 circles in a dodecagon



radius = 0.146402072200 density = 0.785581251284
ratio = 6.830504411412 contacts = 73

N = 36

36 circles in a dodecagon



radius = 0.145105724217 density = 0.793780103525
ratio = 6.891526887674 contacts = 71