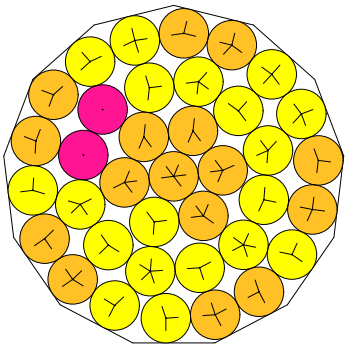
N = 37

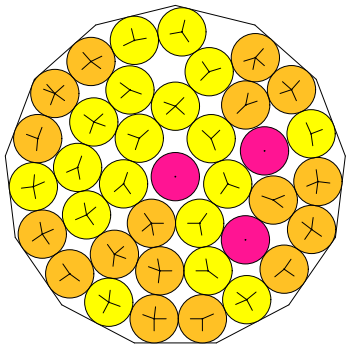
37 circles in a tridecagon



radius = 0.144398997547 density = 0.802365540907
ratio = 6.925255832730 contacts = 71

N = 38

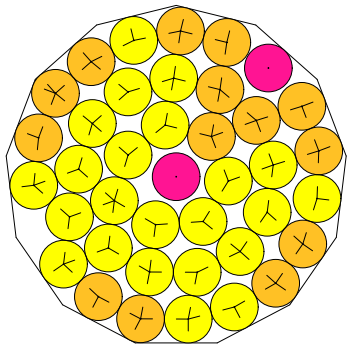
38 circles in a tridecagon



radius = 0.140947674923 density = 0.785130081243
ratio = 7.094831472338 contacts = 71

N = 39

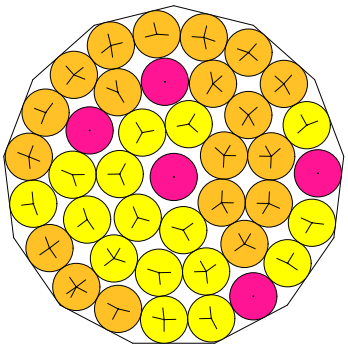
39 circles in a tridecagon



radius = 0.139180014681 density = 0.785706871227
ratio = 7.184939607129 contacts = 75

N = 40

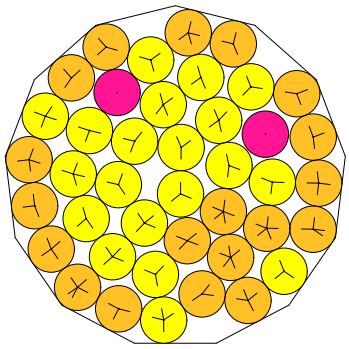
40 circles in a tridecagon



radius = 0.137832158268 density = 0.790320583217
ratio = 7.255200909318 contacts = 71

N = 41

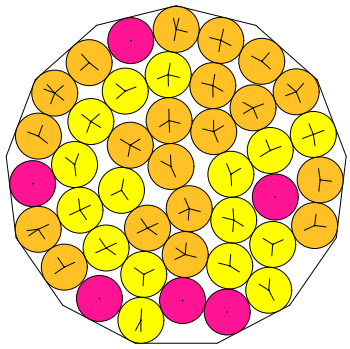
41 circles in a tridecagon



radius = 0.135458316082 density = 0.782415399939
ratio = 7.382344834393 contacts = 79

N = 42

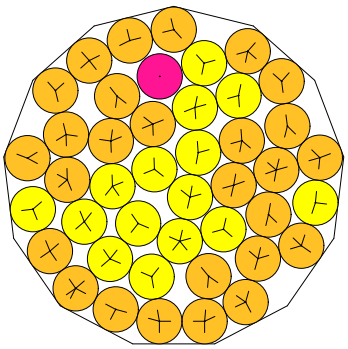
42 circles in a tridecagon



radius = 0.134201917337 density = 0.786699582829
ratio = 7.451458368424 contacts = 73

N = 43

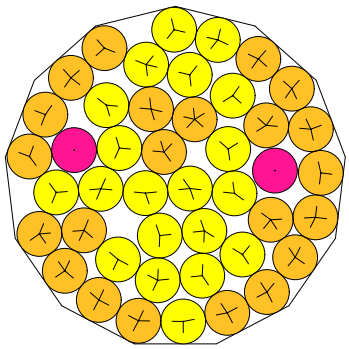
43 circles in a tridecagon



radius = 0.132116791400 density = 0.780596643412
ratio = 7.569060597106 contacts = 85

N = 44

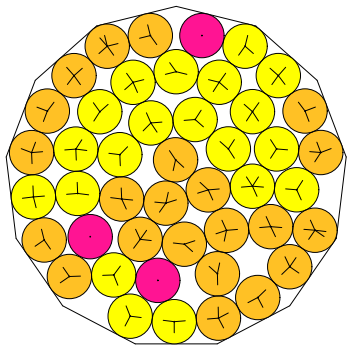
44 circles in a tridecagon



radius = 0.130778409815 density = 0.782648882219
ratio = 7.646522093501 contacts = 85

N = 45

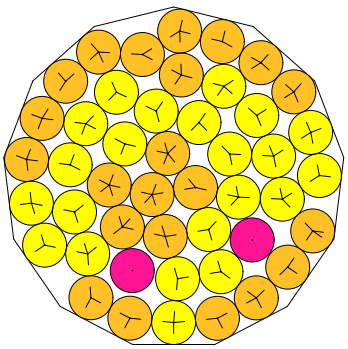
45 circles in a tridecagon



radius = 0.129575440603 density = 0.785778407384
ratio = 7.717511862926 contacts = 85

N = 46

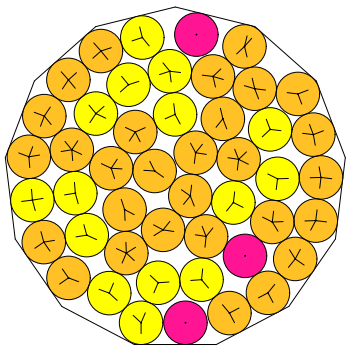
46 circles in a tridecagon



radius = 0.128357192201 density = 0.788207270777
ratio = 7.790759386789 contacts = 89

N = 47

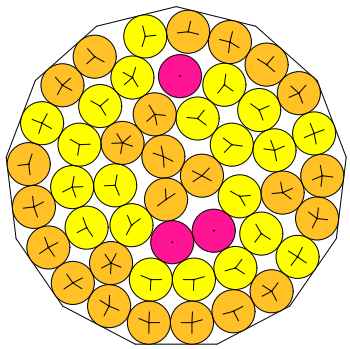
47 circles in a tridecagon



radius = 0.127001966463 density = 0.788425999187
ratio = 7.873893828963 contacts = 89

N = 48

48 circles in a tridecagon



radius = 0.125742342096 density = 0.789308021173
ratio = 7.952770588879 contacts = 91