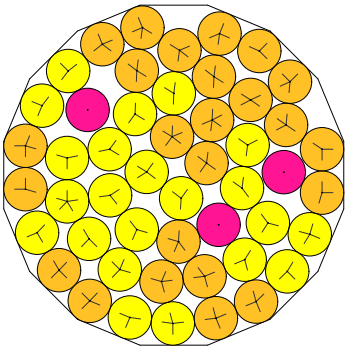
N = 49

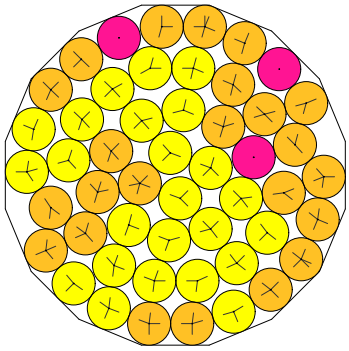
49 circles in a hexadecagon



radius = 0.125224583493 density = 0.788488742006
ratio = 7.985652434259 contacts = 93

N = 50

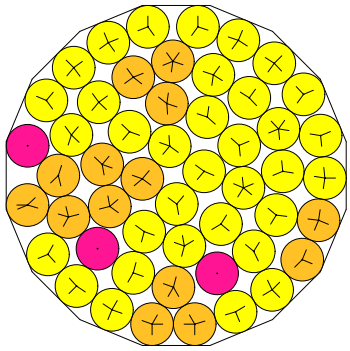
50 circles in a hexadecagon



radius = 0.124309646840 density = 0.792866182697
ratio = 8.044427976157 contacts = 96

N = 51

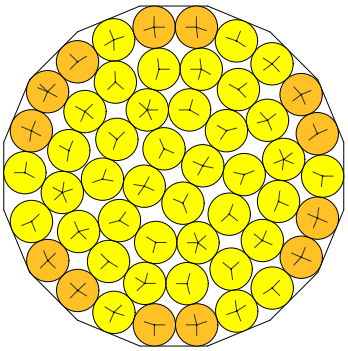
51 circles in a hexadecagon



radius = 0.123031513986 density = 0.792178657870
ratio = 8.127998815909 contacts = 97

N = 52

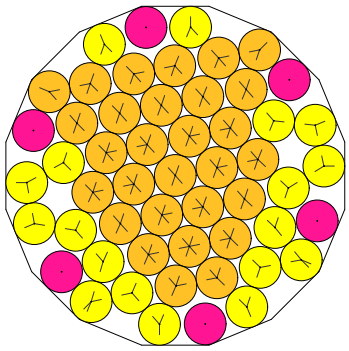
52 circles in a hexadecagon



radius = 0.122093713681 density = 0.795445036425
ratio = 8.190429874324 contacts = 105

N = 53

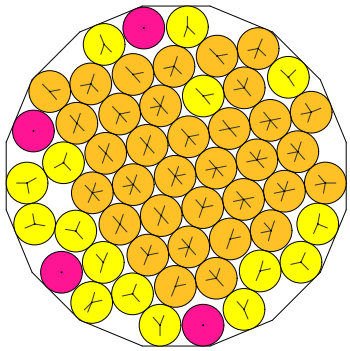
53 circles in a hexadecagon



radius = 0.120820011984 density = 0.793914700574
ratio = 8.276774547353 contacts = 99

N = 54

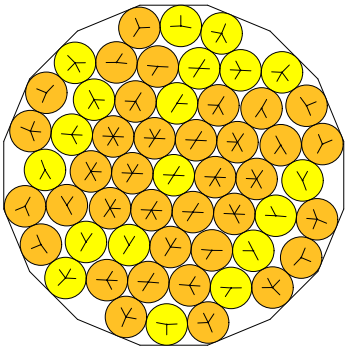
54 circles in a hexadecagon



radius = 0.120295059310 density = 0.801880340587
ratio = 8.312893361838 contacts = 103

N = 55

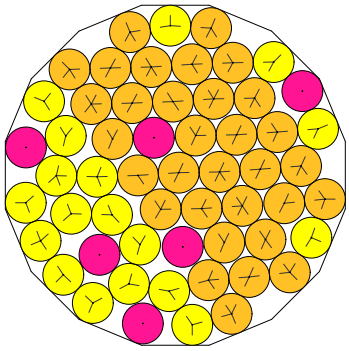
55 circles in a hexadecagon



radius = 0.119615478307 density = 0.807528162139
ratio = 8.360122069087 contacts = 113

N = 56

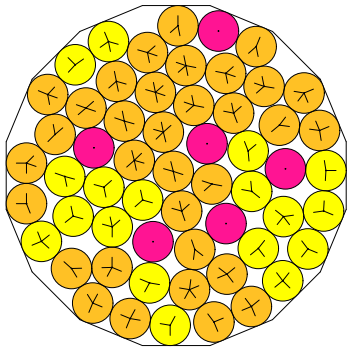
56 circles in a hexadecagon



radius = 0.117825103758 density = 0.797781413249
ratio = 8.487155691829 contacts = 101

N = 57

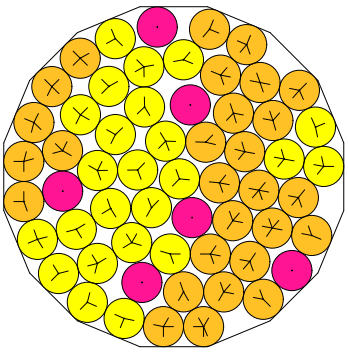
57 circles in a hexadecagon



radius = 0.116957820523 density = 0.800117214325
ratio = 8.550090926214 contacts = 103

N = 58

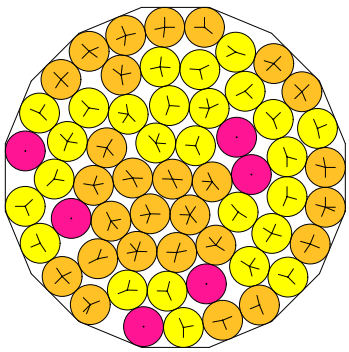
58 circles in a hexadecagon



radius = 0.115827982443 density = 0.798500517493
ratio = 8.633492347059 contacts = 105

N = 59

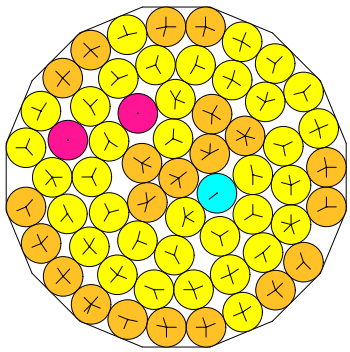
59 circles in a hexadecagon



radius = 0.114878920879 density = 0.799011318587
ratio = 8.704817144429 contacts = 107

N = 60

60 circles in a hexadecagon



radius = 0.114145934146 density = 0.802217937917
ratio = 8.760715022205 contacts = 115