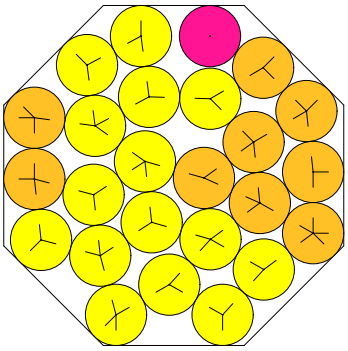
# N = 25

**25 circles in an octagon**



radius = 0.166450891366 density = 0.769337918776
ratio = 6.007777980603 contacts = 49

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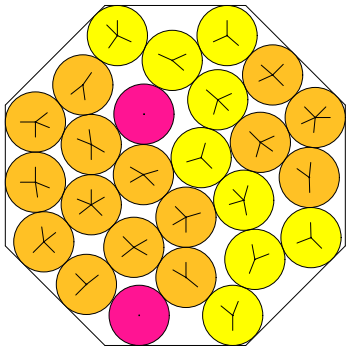
# N = 26

**26 circles in an octagon**



radius = 0.163006136259 density = 0.772996280163
ratio = 6.112240181616 contacts = 50

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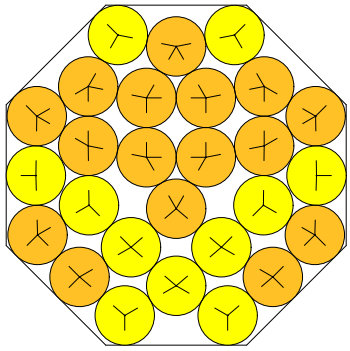
# N = 27

**27 circles in an octagon**



radius = 0.161395047685 density = 0.781176288426
ratio = 6.195976979120 contacts = 56

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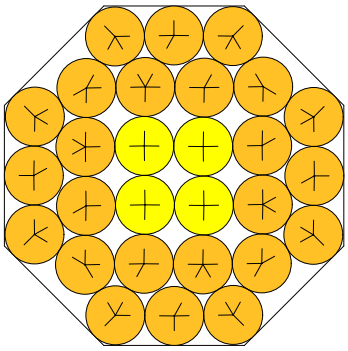
# N = 28

**28 circles in an octagon**



radius = 0.160404294689 density = 0.800193270075
ratio = 6.234247043951 contacts = 64

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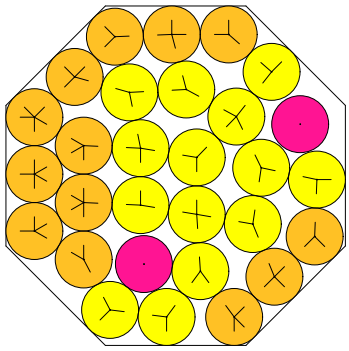
# N = 29

**29 circles in an octagon**



radius = 0.154927003952 density = 0.773138182171
ratio = 6.454652671849 contacts = 56

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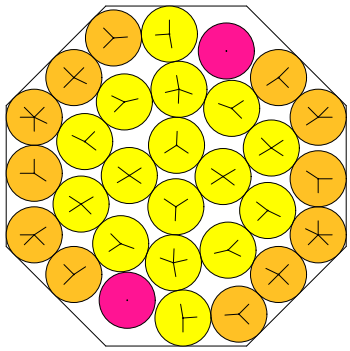
# N = 30

**30 circles in an octagon**



radius = 0.152319579409 density = 0.773103425594
ratio = 6.565144178317 contacts = 58

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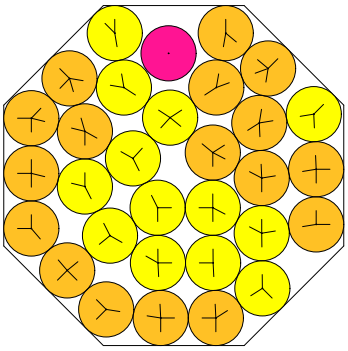
# N = 31

**31 circles in an octagon**



radius = 0.149878153406 density = 0.773469584440
ratio = 6.672086473400 contacts = 61

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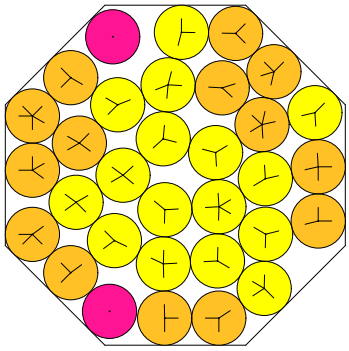
# N = 32

**32 circles in an octagon**



radius = 0.147282442434 density = 0.771004322284
ratio = 6.789675561276 contacts = 61

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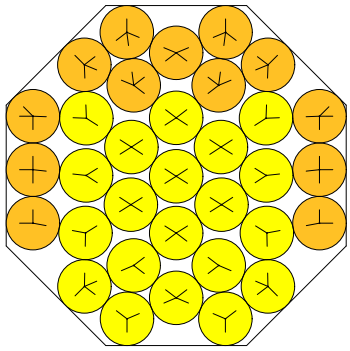
# N = 33

**33 circles in an octagon**



radius = 0.145306599845 density = 0.773908292152
ratio = 6.881998861431 contacts = 68

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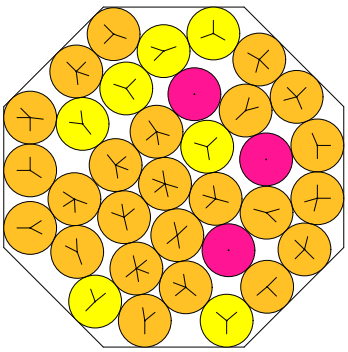
# N = 34

**34 circles in an octagon**



radius = 0.143477532364 density = 0.777412633108
ratio = 6.969732358242 contacts = 63

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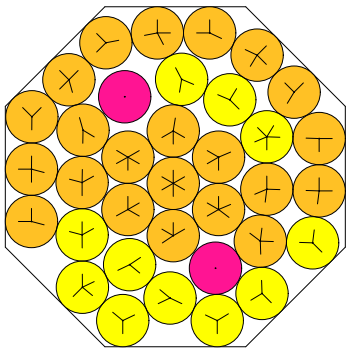
# N = 35

**35 circles in an octagon**



radius = 0.142256369270 density = 0.786713067631
ratio = 7.029562227224 contacts = 69

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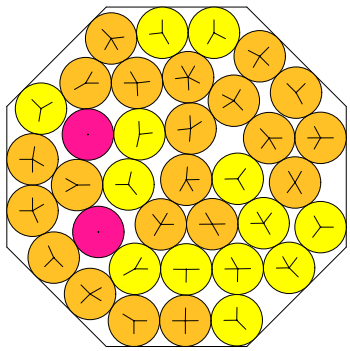
# N = 36

**36 circles in an octagon**



radius = 0.139934447382 density = 0.782990790742
ratio = 7.146203230942 contacts = 69

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