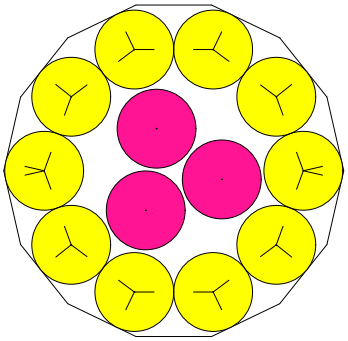
N = 13

13 circles in a tetradecagon



radius = 0.231823619680 density = 0.722665257044
ratio = 4.313624303596 contacts = 22

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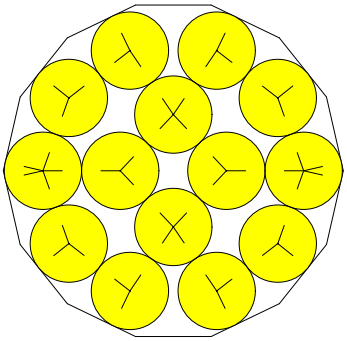
N = 14

14 circles in a tetradecagon



radius = 0.227332533938 density = 0.748392936298
ratio = 4.398842447565 contacts = 30

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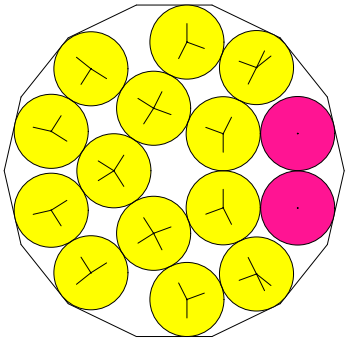
N = 15

15 circles in a tetradecagon



radius = 0.217889144010 density = 0.736615584681
ratio = 4.589489781797 contacts = 27

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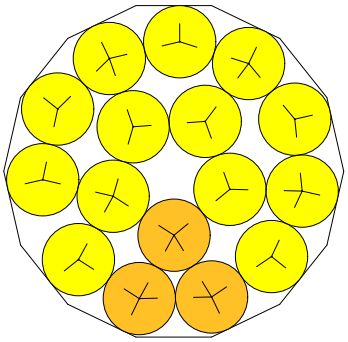
N = 16

16 circles in a tetradecagon



radius = 0.212612663912 density = 0.748129360601
ratio = 4.703388695673 contacts = 33

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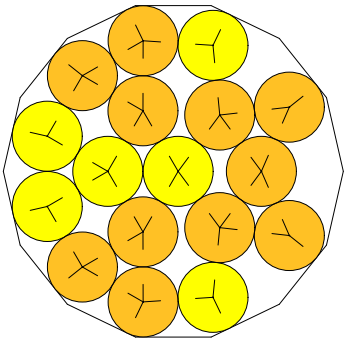
N = 17

17 circles in a tetradecagon



radius = 0.205930729626 density = 0.745709535239
ratio = 4.856001830401 contacts = 36

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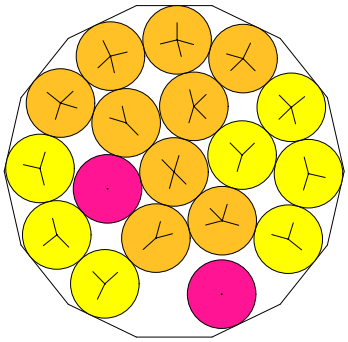
N = 18

18 circles in a tetradecagon



radius = 0.201644753853 density = 0.757050444385
ratio = 4.959216547384 contacts = 33

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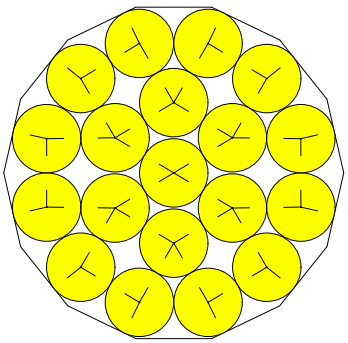
N = 19

19 circles in a tetradecagon



radius = 0.201215442455 density = 0.795709742351
ratio = 4.969797485707 contacts = 38

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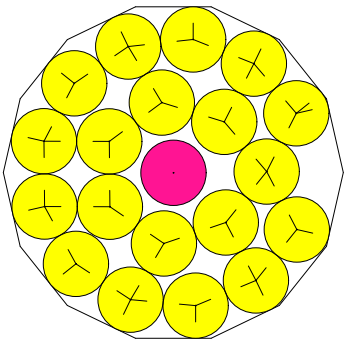
N = 20

20 circles in a tetradecagon



radius = 0.192142389595 density = 0.763756341557
ratio = 5.204473630775 contacts = 39

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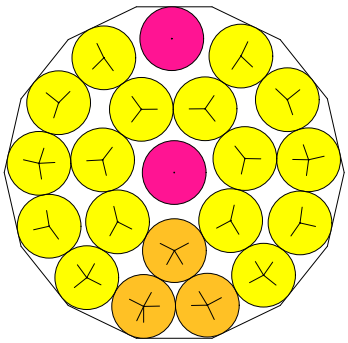
N = 21

21 circles in a tetradecagon



radius = 0.187414903167 density = 0.762967430105
ratio = 5.335754964528 contacts = 39

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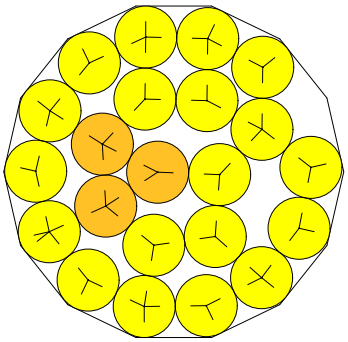
N = 22

22 circles in a tetradecagon



radius = 0.182427174352 density = 0.757321352757
ratio = 5.481639473693 contacts = 45

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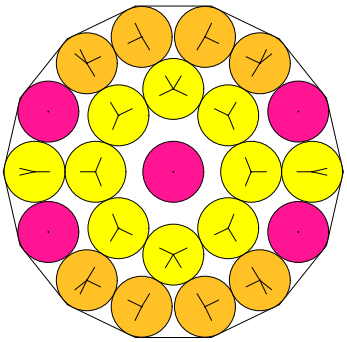
N = 23

23 circles in a tetradecagon



radius = 0.179166353721 density = 0.763693695038
ratio = 5.581405097715 contacts = 38

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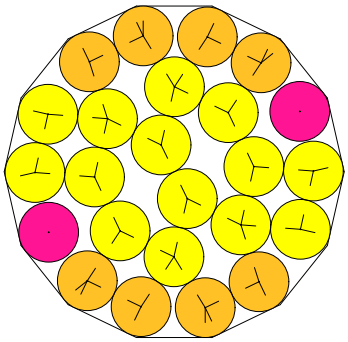
N = 24

24 circles in a tetradecagon



radius = 0.175601283264 density = 0.765499781189
ratio = 5.694719203716 contacts = 45

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